

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
 Data File : BN005478.D
 Acq On : 04 May 2019 07:01
 Operator : JU/SJ
 Sample : K2602-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH61

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.211	36	38	45	rVB	35653	45725	0.55%	0.031%
2	3.699	118	121	130	rVB2	44023	62907	0.76%	0.043%
3	4.775	300	304	310	rVB3	19454	34007	0.41%	0.023%
4	6.775	637	644	659	rVB	733632	1260660	15.25%	0.853%
5	6.940	666	672	686	rVB	562239	919374	11.12%	0.622%
6	7.128	698	704	713	rVB	772908	1225415	14.82%	0.829%
7	7.593	775	783	790	rBV	1014152	1655438	20.02%	1.120%
8	8.293	895	902	913	rBV2	677045	1191276	14.41%	0.806%
9	8.734	968	977	986	rBV	775394	1303995	15.77%	0.882%
10	9.169	1046	1051	1057	rVB2	43819	59241	0.72%	0.040%
11	9.446	1090	1098	1116	rBV	653329	1131709	13.69%	0.766%
12	9.981	1182	1189	1200	rBV	932714	1690563	20.44%	1.144%
13	10.352	1244	1252	1258	rBV	1540166	2515717	30.42%	1.702%
14	10.493	1269	1276	1289	rBV	744012	1442611	17.45%	0.976%
15	11.957	1518	1525	1531	rBV2	12439	24761	0.30%	0.017%
16	13.128	1717	1724	1731	rVV	72914	114973	1.39%	0.078%
17	13.640	1805	1811	1815	rBV	1908672	2662445	32.20%	1.802%
18	13.687	1815	1819	1829	rVB	662969	916797	11.09%	0.620%
19	13.910	1850	1857	1870	rBV	2120915	3273101	39.58%	2.215%
20	14.222	1903	1910	1925	rBV2	2247809	3483908	42.13%	2.358%
21	14.446	1942	1948	1968	rBV2	439940	1083288	13.10%	0.733%
22	14.604	1972	1975	1982	rVV8	23851	68358	0.83%	0.046%
23	14.669	1982	1986	1989	rVV5	24179	43354	0.52%	0.029%
24	15.104	2055	2060	2064	rBV	21299	25192	0.30%	0.017%
25	15.222	2073	2080	2087	rBV	2758910	3965257	47.95%	2.683%
26	15.363	2098	2104	2115	rBV	486245	842737	10.19%	0.570%
27	15.463	2117	2121	2126	rVV	36707	63207	0.76%	0.043%
28	15.969	2202	2207	2211	rVV3	21851	34794	0.42%	0.024%
29	16.134	2231	2235	2242	rBV5	26621	40888	0.49%	0.028%
30	16.534	2297	2303	2311	rBV2	61078	98497	1.19%	0.067%
31	16.763	2338	2342	2345	rBV2	31833	37536	0.45%	0.025%
32	16.981	2372	2379	2384	rBV	2820889	4189323	50.66%	2.835%
33	17.081	2389	2396	2410	rVB	2673088	4133328	49.99%	2.797%
34	17.781	2510	2515	2521	rBV9	21797	47143	0.57%	0.032%

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35	17.839	2521	2525	2531	rVV7	50516	101679	1.23%	0.069%
36	17.904	2531	2536	2557	rVV	741604	1388065	16.79%	0.939%
37	18.057	2558	2562	2567	rVB3	74751	114297	1.38%	0.077%
38	18.198	2582	2586	2595	rBV6	58332	148181	1.79%	0.100%
39	18.616	2654	2657	2662	rVB2	35269	46846	0.57%	0.032%
40	18.775	2678	2684	2691	rBV9	56035	149742	1.81%	0.101%
41	18.839	2693	2695	2700	rVB5	53613	64483	0.78%	0.044%
42	18.916	2702	2708	2719	rVB	1076927	1460114	17.66%	0.988%
43	19.004	2719	2723	2724	rBV4	21878	29358	0.36%	0.020%
44	19.057	2728	2732	2733	rVV2	60392	79187	0.96%	0.054%
45	19.098	2737	2739	2741	rVV2	134088	160213	1.94%	0.108%
46	19.128	2741	2744	2751	rVB2	231944	325074	3.93%	0.220%
47	19.210	2752	2758	2765	rBV2	1860448	2596732	31.40%	1.757%
48	19.275	2766	2769	2772	rVB2	60257	75853	0.92%	0.051%
49	19.392	2783	2789	2800	rBV	3448317	4783359	57.85%	3.237%
50	19.475	2800	2803	2808	rVV5	63866	89628	1.08%	0.061%
51	19.551	2812	2816	2821	rVB	208543	253847	3.07%	0.172%
52	19.639	2826	2831	2833	rVV	851761	1275998	15.43%	0.864%
53	19.657	2833	2834	2840	rVB	757944	670869	8.11%	0.454%
54	19.786	2850	2856	2860	rBV	2151559	2753313	33.30%	1.863%
55	19.828	2860	2863	2870	rVV	922706	1498971	18.13%	1.014%
56	19.928	2874	2880	2885	rBV	5907050	7146509	86.42%	4.836%
57	19.981	2885	2889	2895	rVB2	292601	374080	4.52%	0.253%
58	20.051	2897	2901	2906	rVB	282467	373244	4.51%	0.253%
59	20.128	2909	2914	2920	rVB	878403	1149099	13.90%	0.778%
60	20.210	2923	2928	2933	rBV	6961660	8269077	100.00%	5.596%
61	20.263	2933	2937	2941	rBV	1540712	1837019	22.22%	1.243%
62	20.369	2949	2955	2963	rBV2	2541892	3952766	47.80%	2.675%
63	20.463	2967	2971	2975	rVV2	586855	793701	9.60%	0.537%
64	20.533	2975	2983	2988	rVV	3924910	7783174	94.12%	5.267%
65	20.581	2988	2991	2995	rVV	718420	846494	10.24%	0.573%
66	20.616	2995	2997	2999	rVV2	89090	109579	1.33%	0.074%
67	20.651	3000	3003	3004	rVV2	135087	171709	2.08%	0.116%
68	20.680	3004	3008	3014	rVB	4114789	4764648	57.62%	3.224%
69	20.745	3014	3019	3024	rBV	1705794	2043151	24.71%	1.383%
70	20.839	3031	3035	3038	rBV	484971	579278	7.01%	0.392%
71	20.880	3038	3042	3047	rVB2	399865	482581	5.84%	0.327%

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72	20.951	3048	3054	3060	rBV2	3807543	5024631	60.76%	3.400%
73	21.010	3060	3064	3070	rVB2	1929605	2490679	30.12%	1.686%
74	21.069	3070	3074	3077	rBV	731715	970686	11.74%	0.657%
75	21.145	3084	3087	3089	rBV	466018	539598	6.53%	0.365%
76	21.169	3089	3091	3094	rVB	485176	461920	5.59%	0.313%
77	21.216	3094	3099	3101	rBV	2572054	3447596	41.69%	2.333%
78	21.245	3101	3104	3110	rVV	6459477	7914276	95.71%	5.356%
79	21.298	3111	3113	3117	rVB	93641	90380	1.09%	0.061%
80	21.392	3124	3129	3133	rBV2	361635	488395	5.91%	0.331%
81	21.563	3152	3158	3163	rBV	2690526	3813501	46.12%	2.581%
82	21.616	3163	3167	3174	rVB	1328484	1690070	20.44%	1.144%
83	21.686	3174	3179	3185	rBV	1467108	1781196	21.54%	1.205%
84	21.828	3200	3203	3208	rBV	411349	571919	6.92%	0.387%
85	22.027	3233	3237	3241	rBV	538051	652237	7.89%	0.441%
86	22.245	3269	3274	3278	rBV	1097971	1489961	18.02%	1.008%
87	22.286	3278	3281	3287	rVB	332170	444335	5.37%	0.301%
88	22.680	3345	3348	3356	rVB7	173945	261082	3.16%	0.177%
89	22.786	3361	3366	3370	rVB	571276	795918	9.63%	0.539%
90	23.280	3444	3450	3456	rBV2	1768327	3121281	37.75%	2.112%
91	23.339	3456	3460	3465	rVB	335553	567769	6.87%	0.384%
92	23.422	3467	3474	3484	rBV	1738780	3166943	38.30%	2.143%
93	23.969	3561	3567	3574	rVB	894492	1649831	19.95%	1.116%
94	24.045	3576	3580	3596	rVV4	269088	736804	8.91%	0.499%
95	24.686	3685	3689	3697	rVB2	293982	640539	7.75%	0.433%
96	25.121	3758	3763	3774	rVB3	294961	717594	8.68%	0.486%
97	25.533	3826	3833	3848	rVB2	747751	2100219	25.40%	1.421%
98	25.780	3869	3875	3892	rVB6	401071	1309144	15.83%	0.886%
99	26.380	3972	3977	3989	rVB7	330335	879592	10.64%	0.595%
100	27.904	4229	4236	4252	rVB8	380856	1522407	18.41%	1.030%

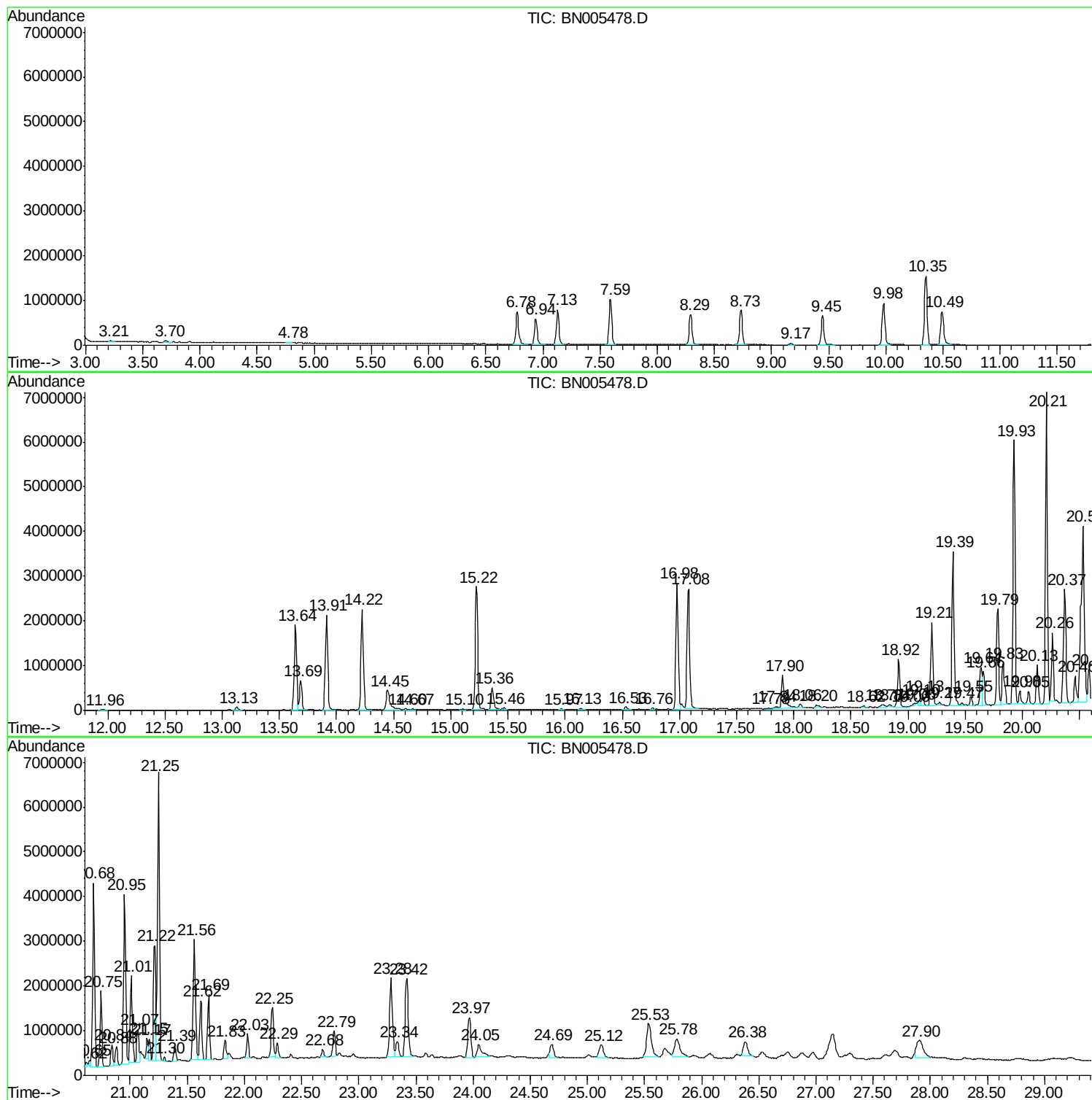
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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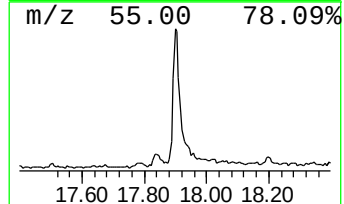
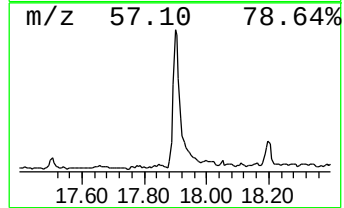
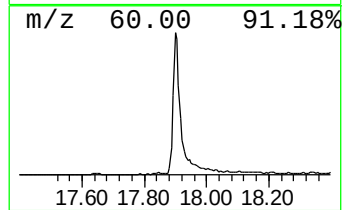
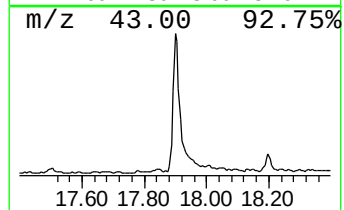
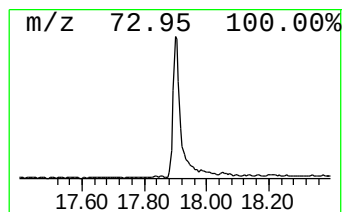
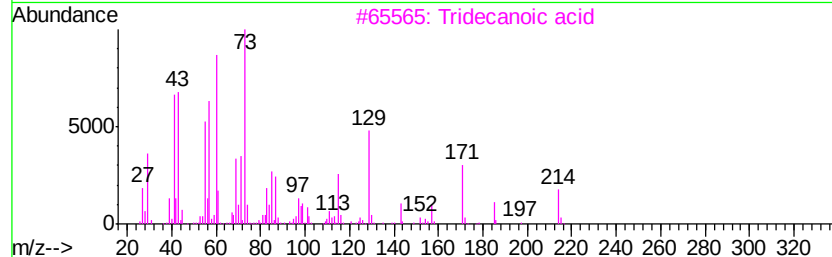
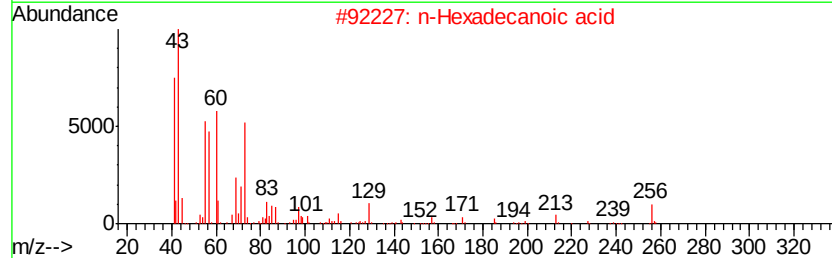
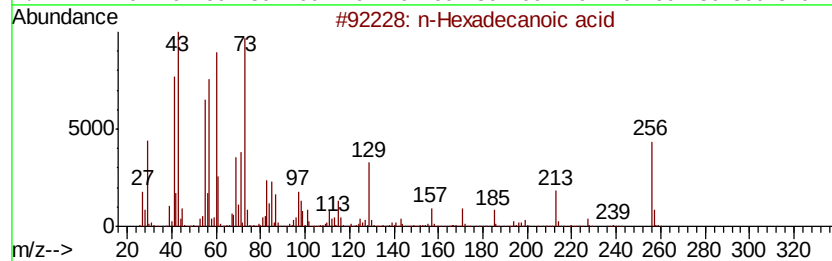
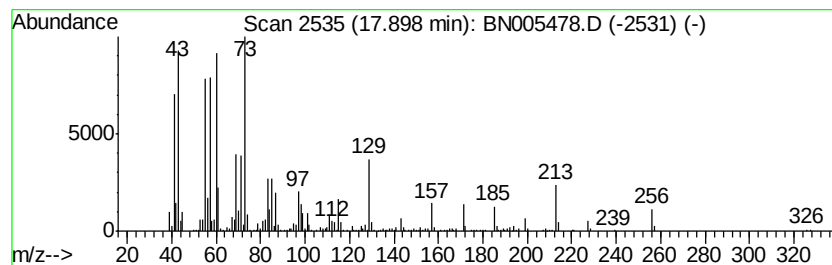
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.90	6.63 ng/ul	1388070	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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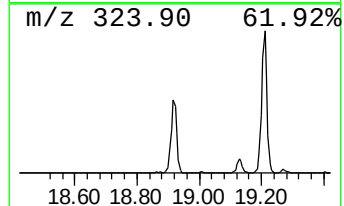
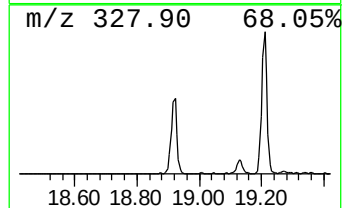
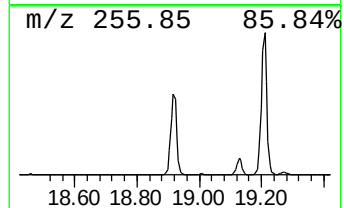
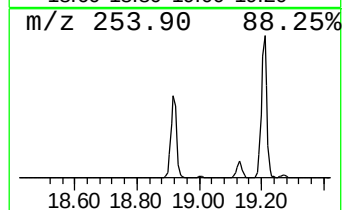
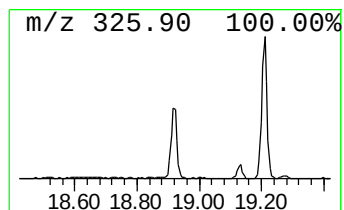
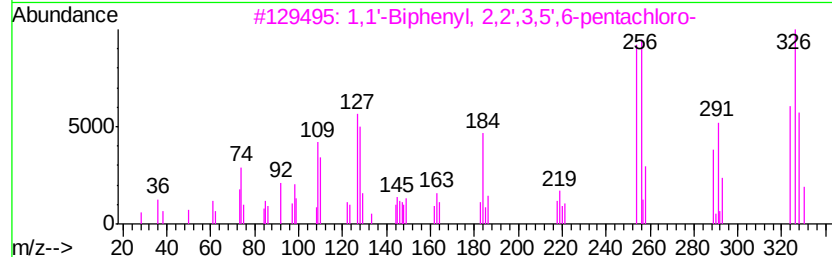
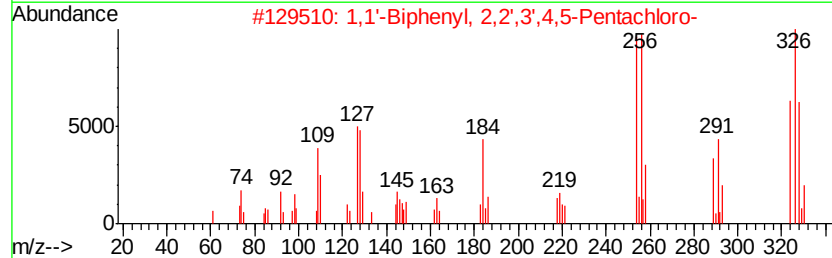
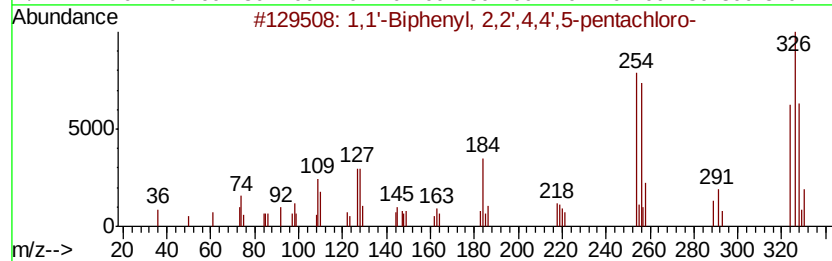
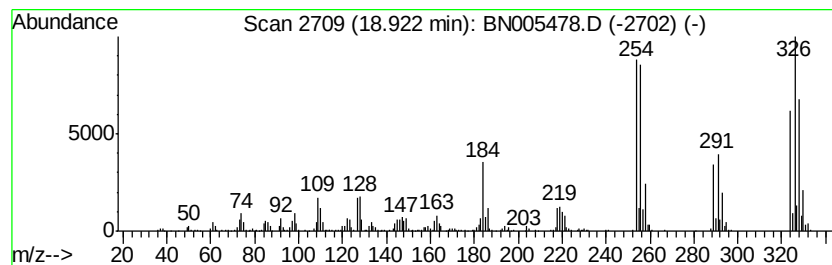
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.92	6.97 ng/ul	1460110	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99	
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99	
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99	
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99	
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98	



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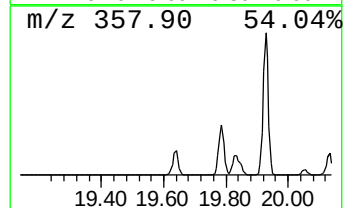
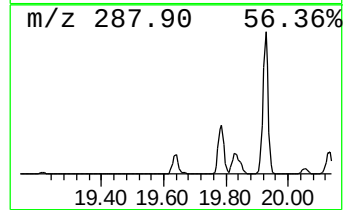
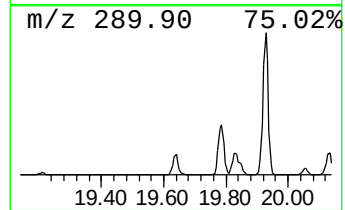
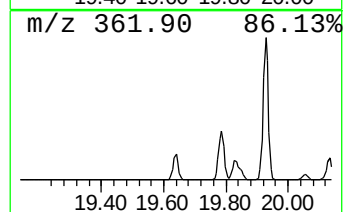
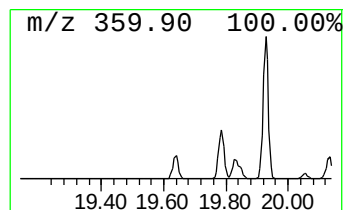
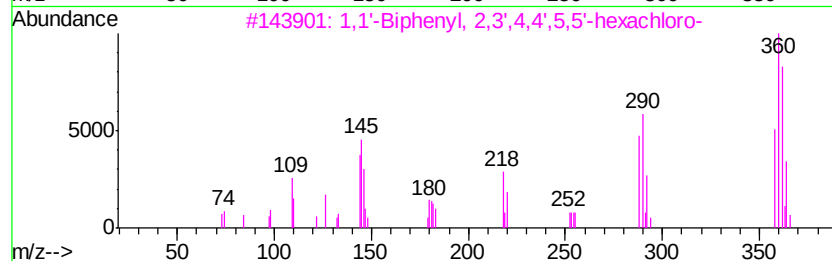
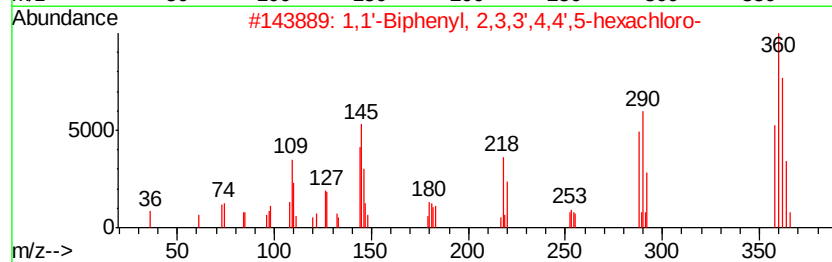
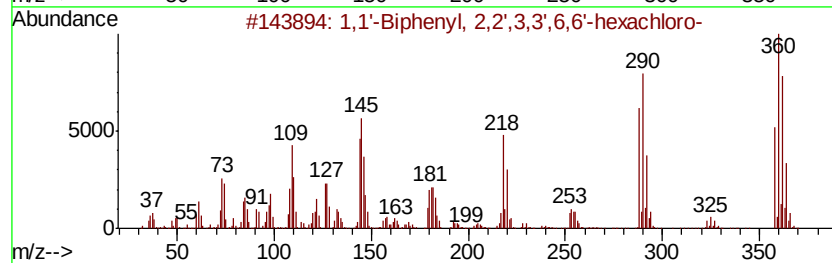
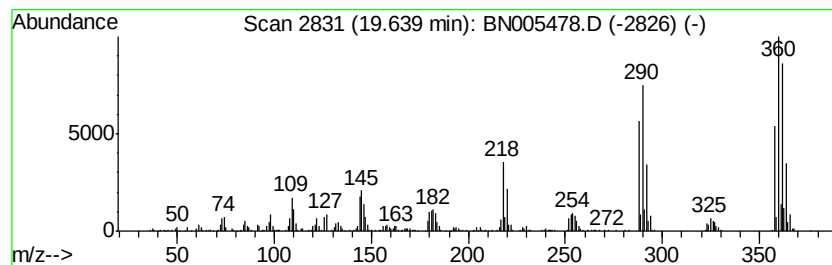
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	7.40 ng/ul	1276000	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	96



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Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

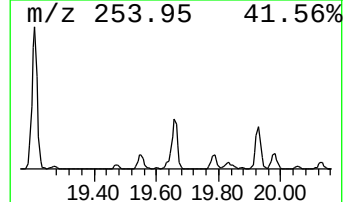
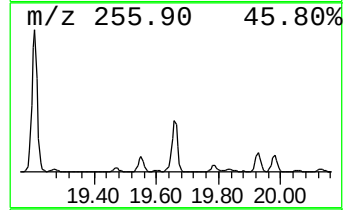
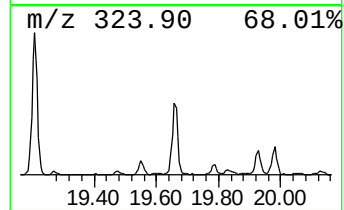
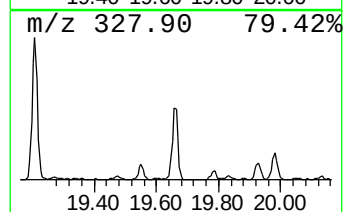
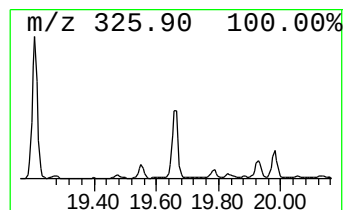
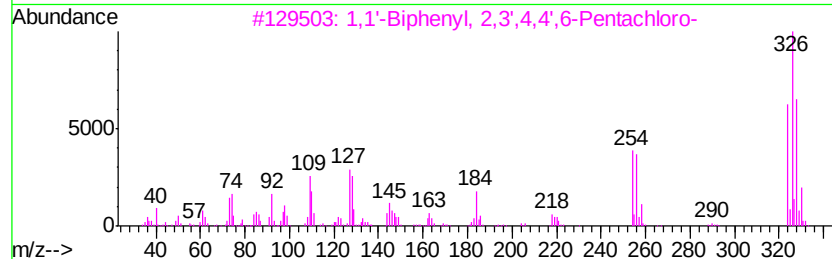
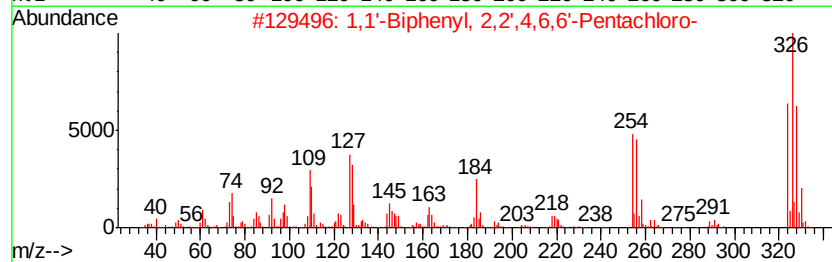
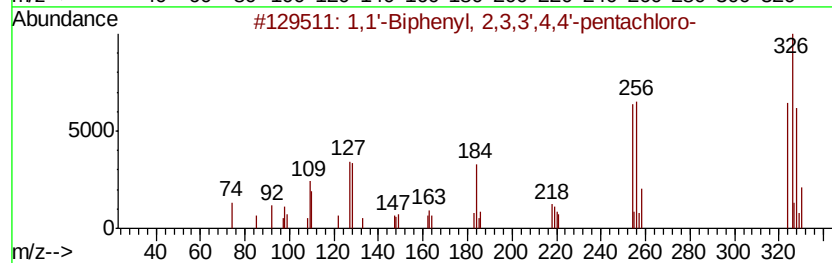
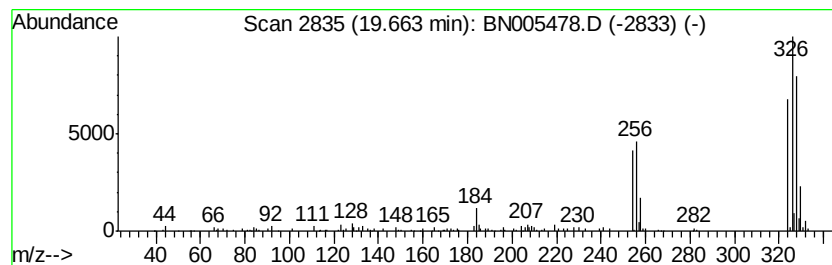
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.66	3.89 ng/ul	670869	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	94
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	94
3	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	91
4	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	91
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
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Instrument :
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ClientSampleId :
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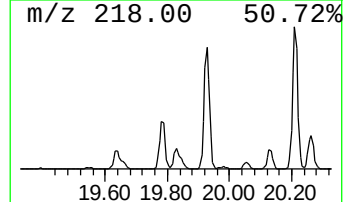
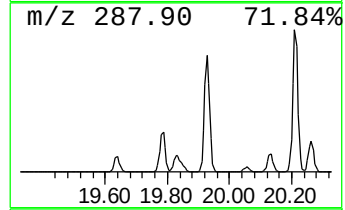
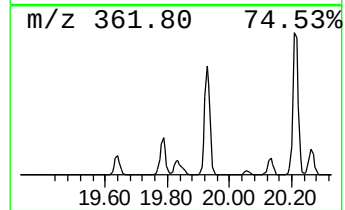
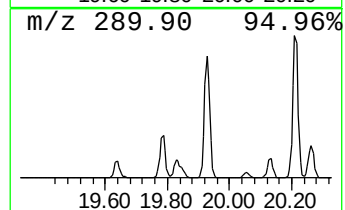
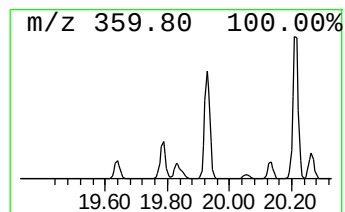
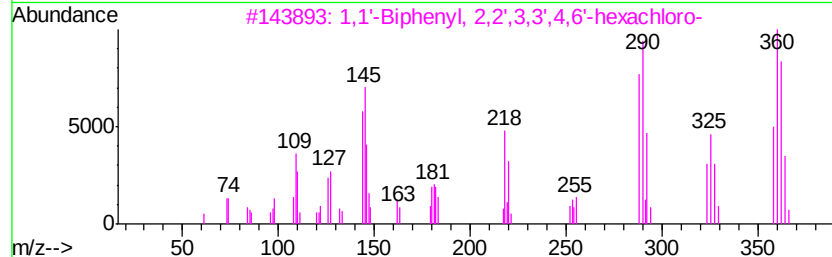
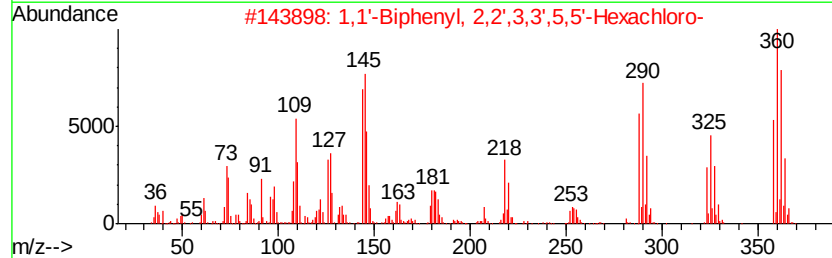
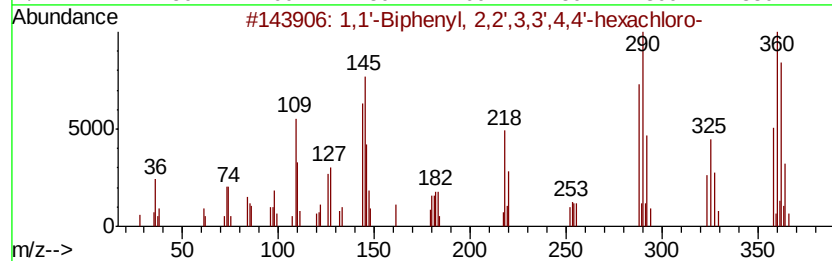
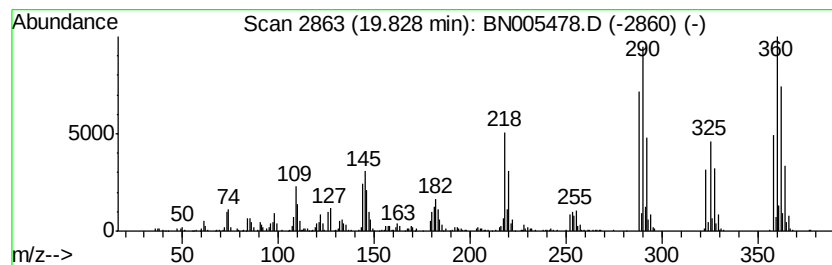
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	8.70 ng/ul	1498970	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
3		1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
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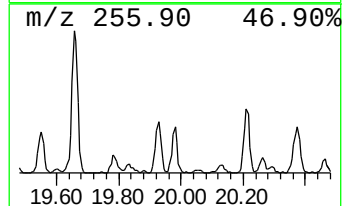
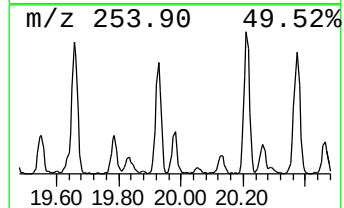
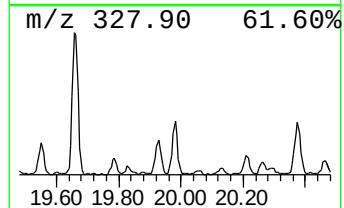
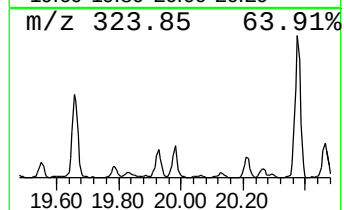
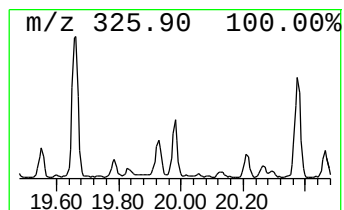
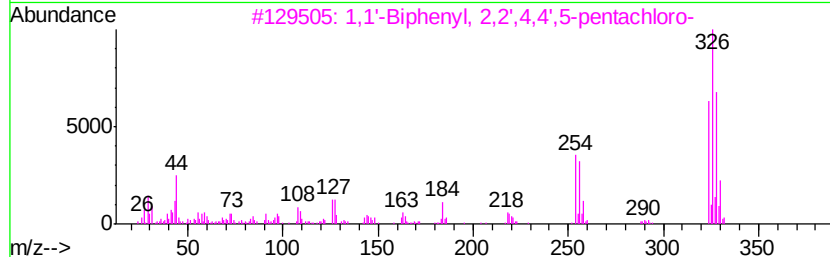
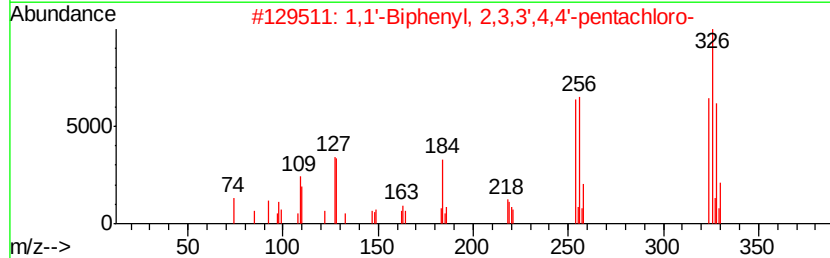
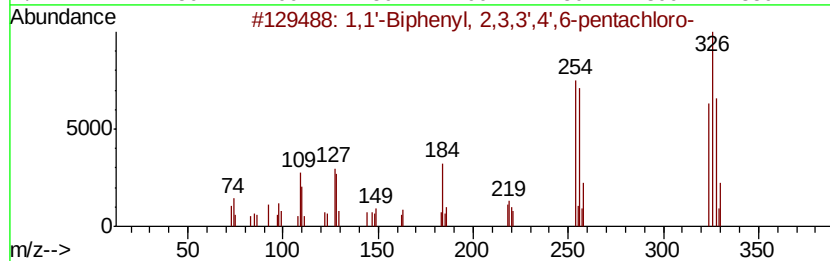
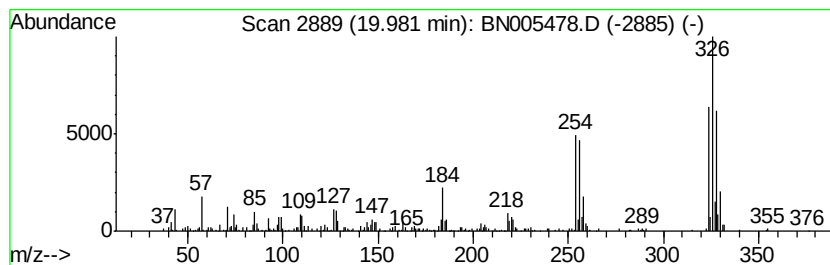
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.98	2.17 ng/ul	374080	Chrysene-d12	21.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99	
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98	
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98	
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96	
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	96	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
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Instrument :
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ClientSampleId :
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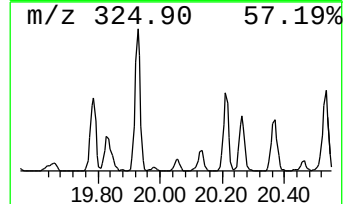
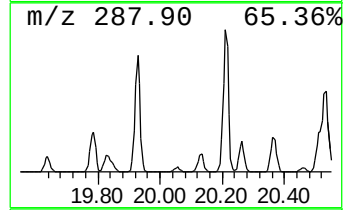
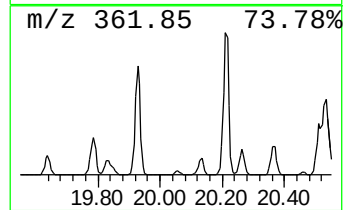
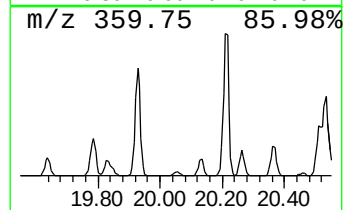
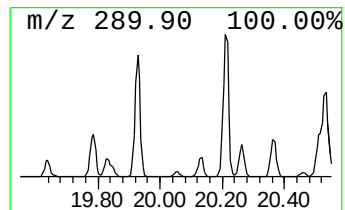
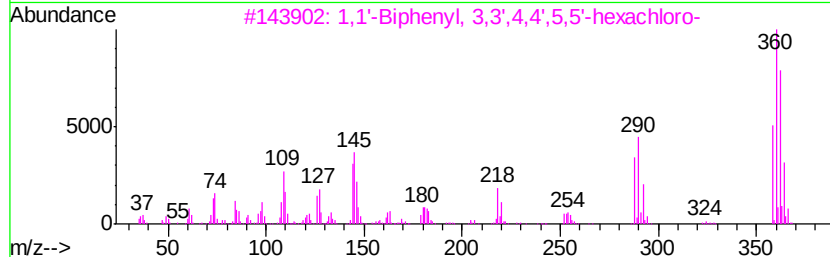
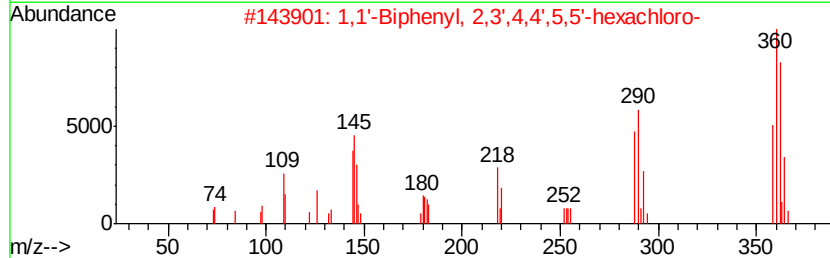
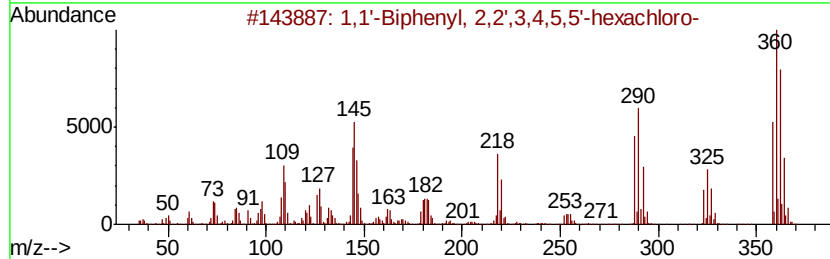
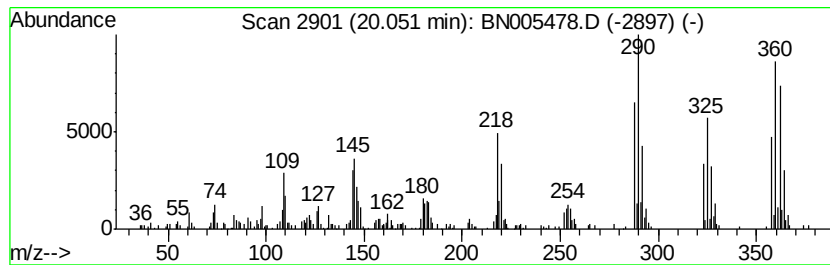
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.17 ng/ul	373244	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5		1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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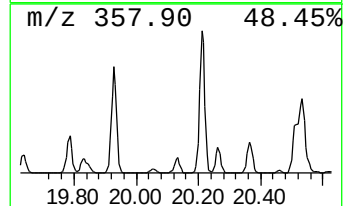
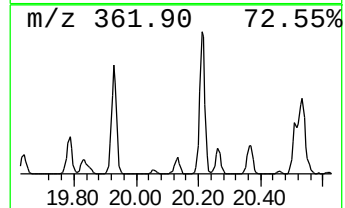
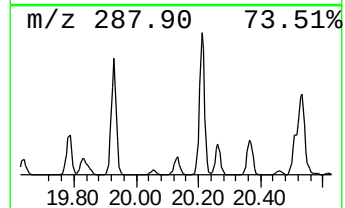
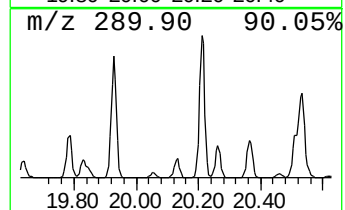
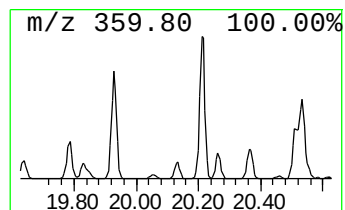
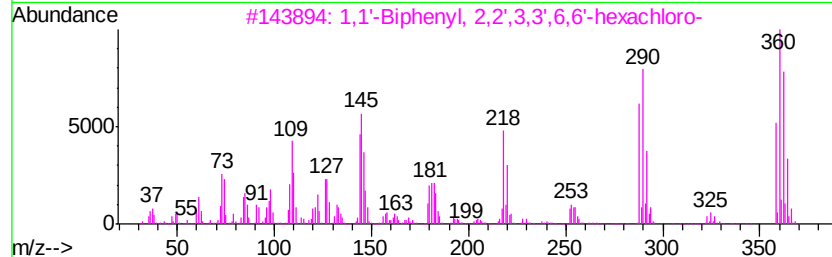
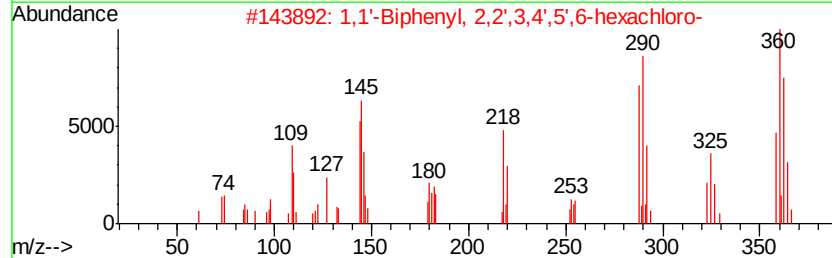
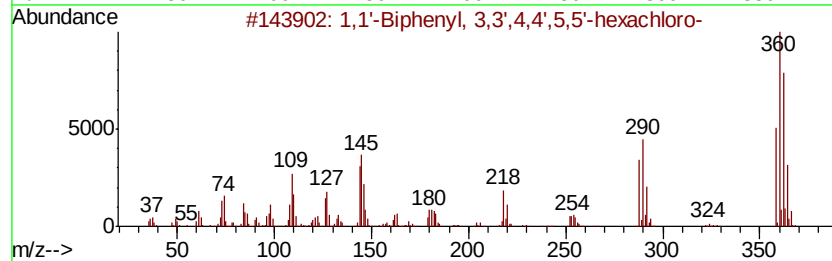
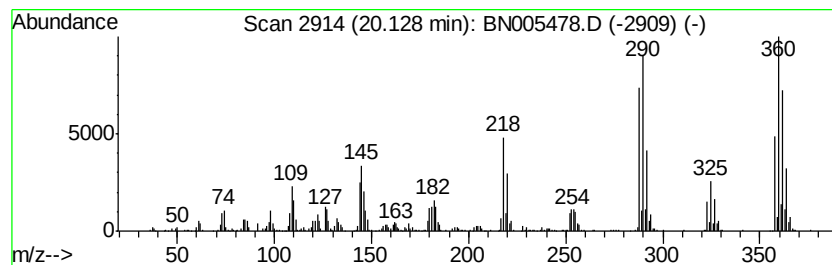
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	6.67 ng/ul	1149100	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3		1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
4		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
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Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampled :
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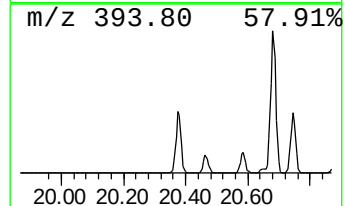
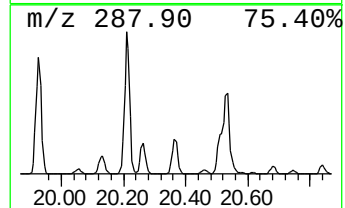
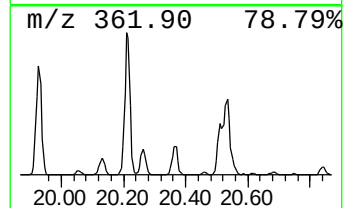
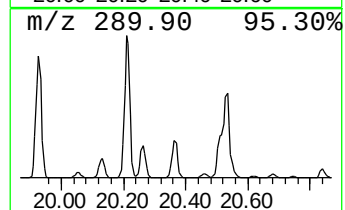
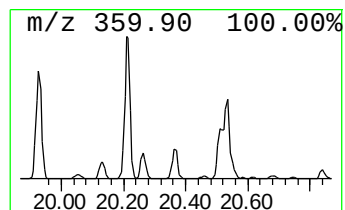
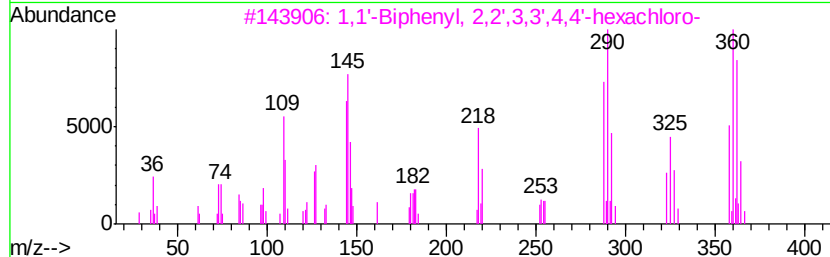
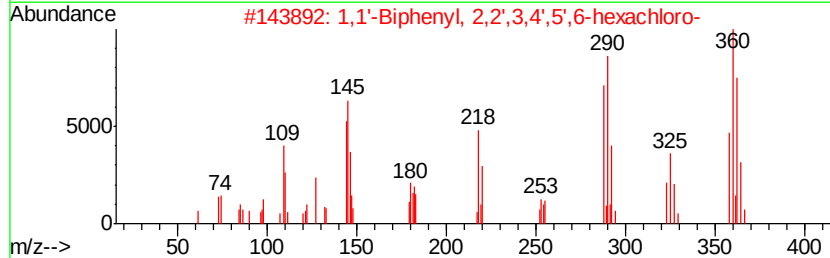
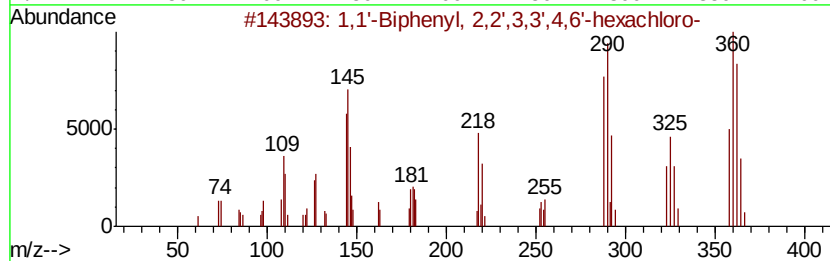
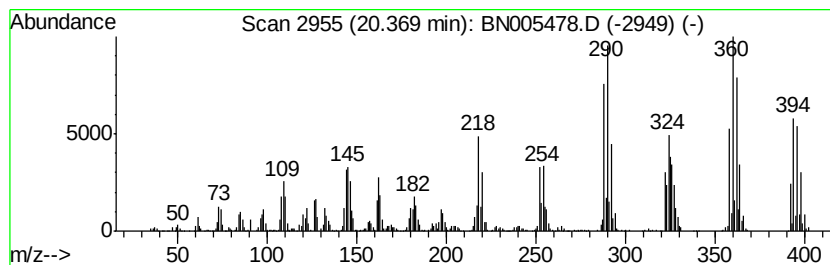
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	22.93 ng/ul	3952770	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
2		1,1'-Biphenyl, 2,2',3,4',5',6'-he...	358	C12H4Cl6	038380-04-0	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

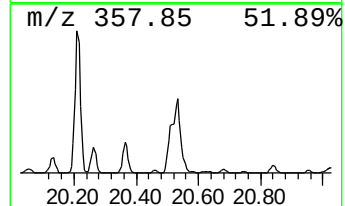
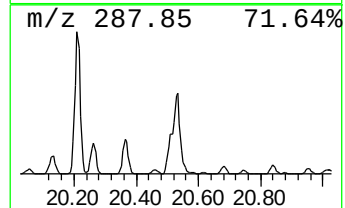
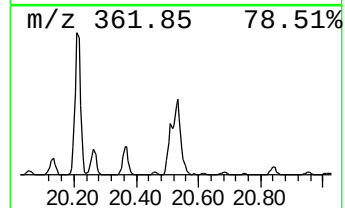
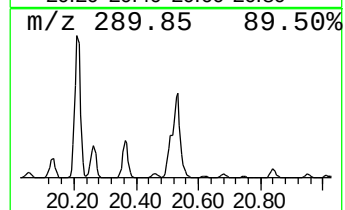
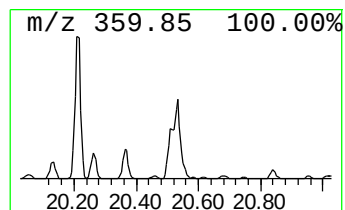
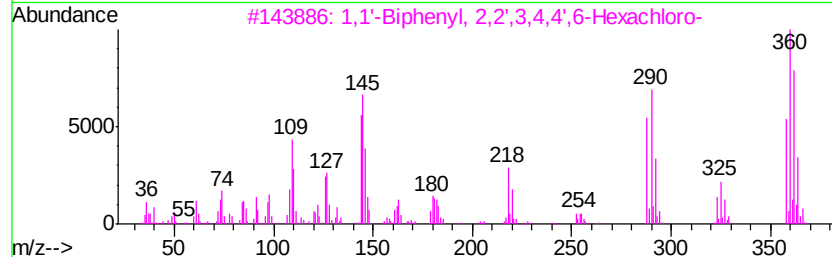
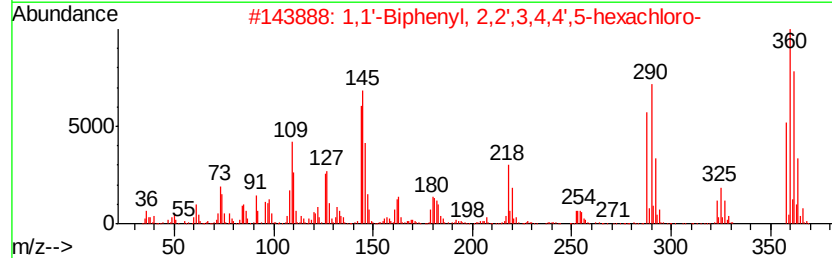
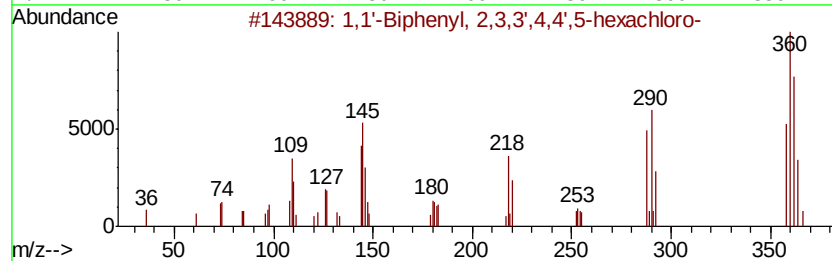
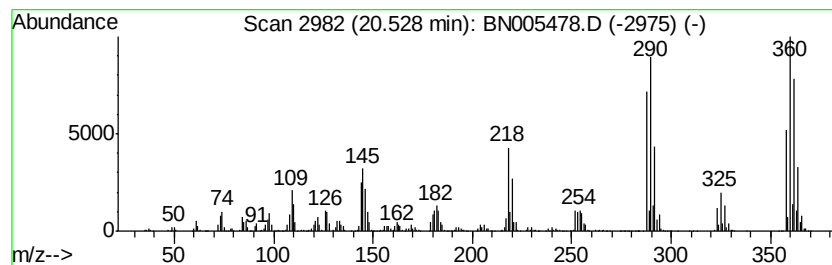
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.53	45.15 ng/ul	7783170	Chrysene-d12	21.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl,	2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
3	1,1'-Biphenyl,	2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl,	3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl,	2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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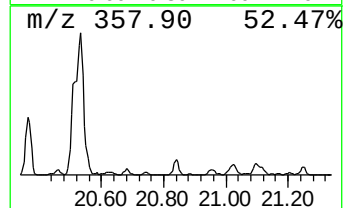
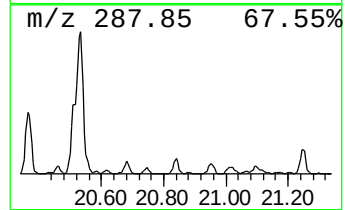
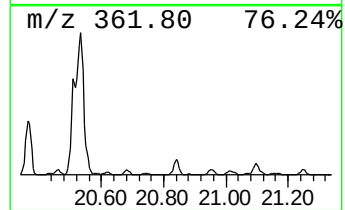
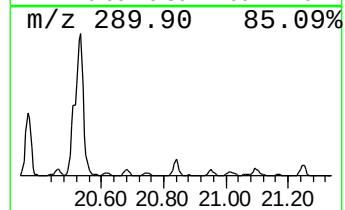
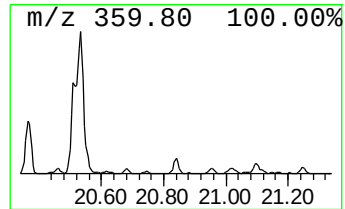
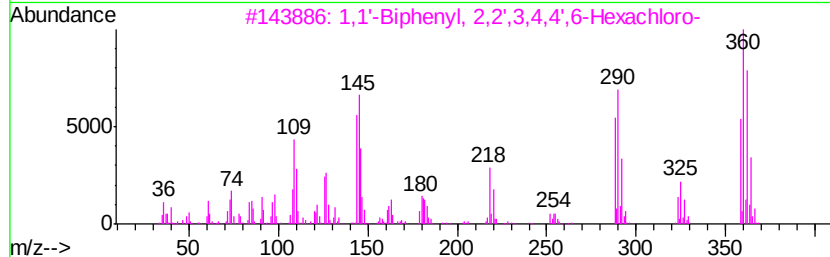
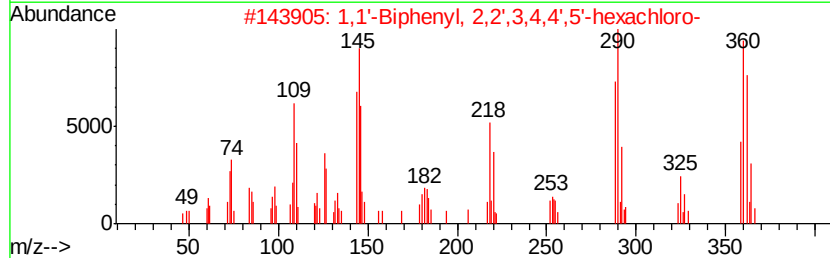
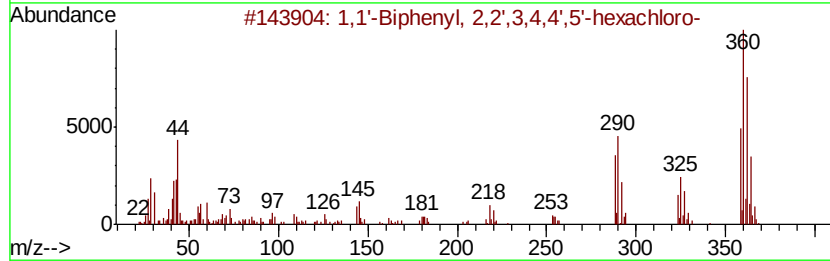
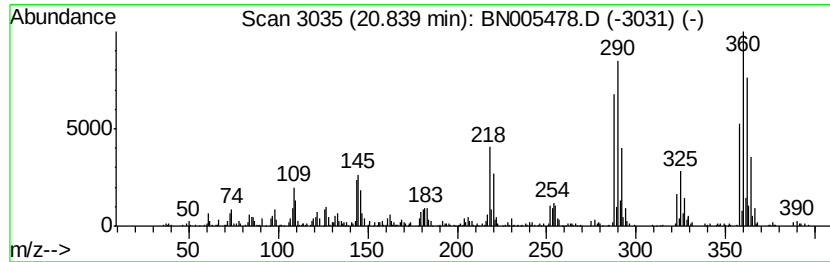
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.36 ng/ul	579278	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

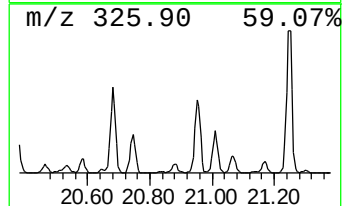
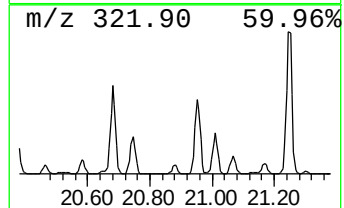
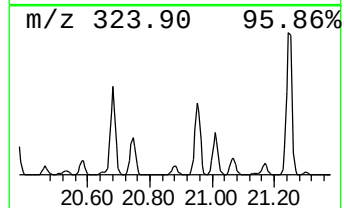
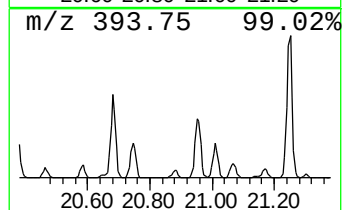
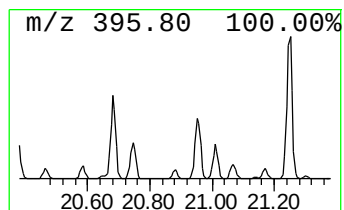
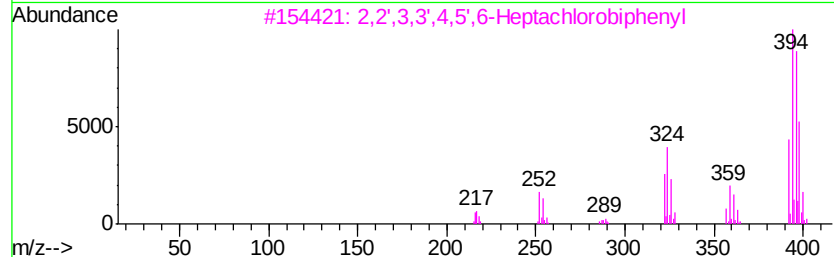
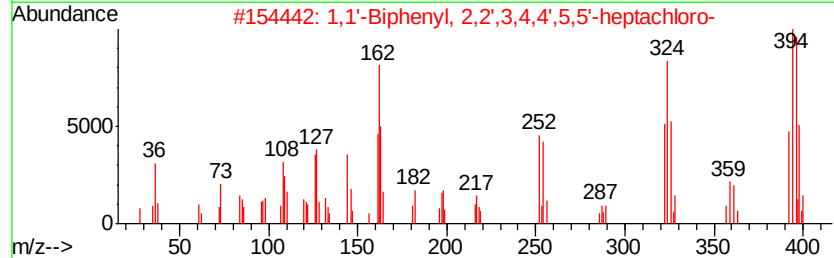
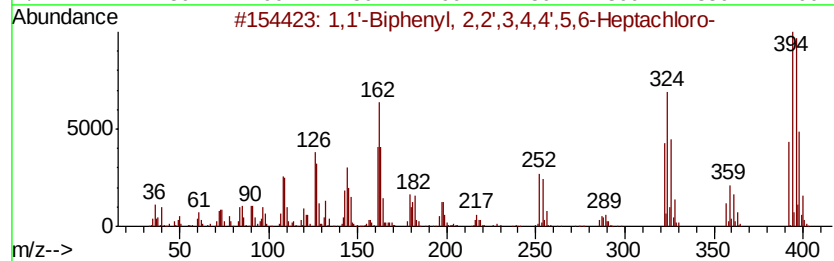
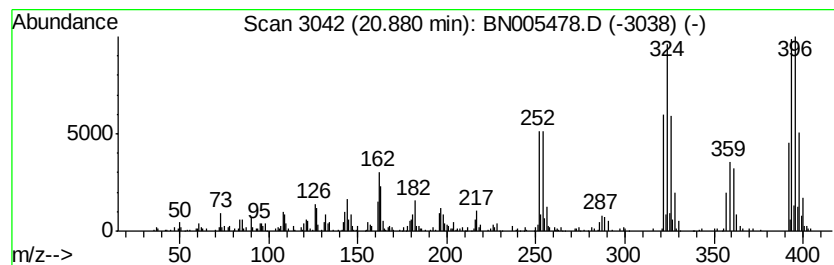
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.88	2.80 ng/ul	482581	Chrysene-d12	21.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	98
2	1,1'	-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	98
3	2,2',3,3',4,5',6-Heptachlorobiph...		392	C12H3Cl7	040186-70-7	97
4	1,1'	-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	96
5	1,1'	-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

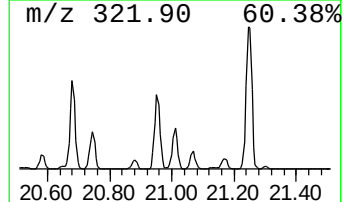
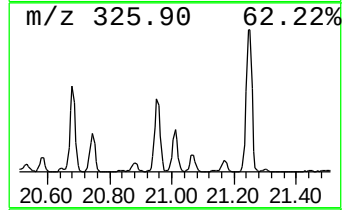
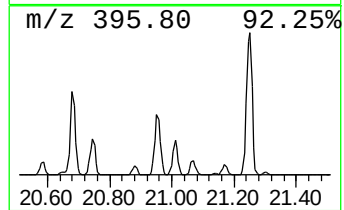
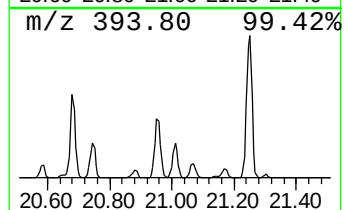
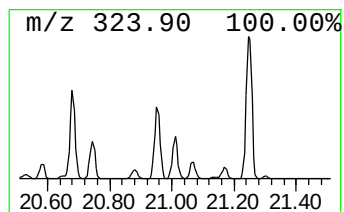
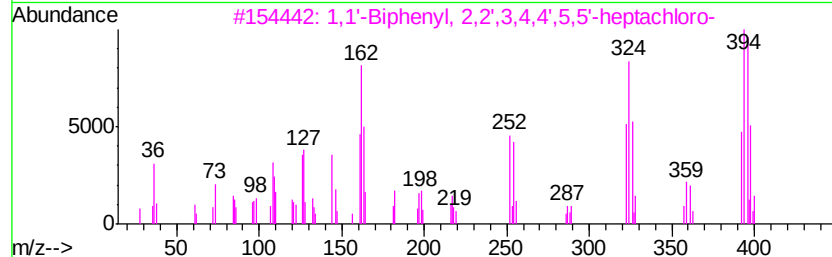
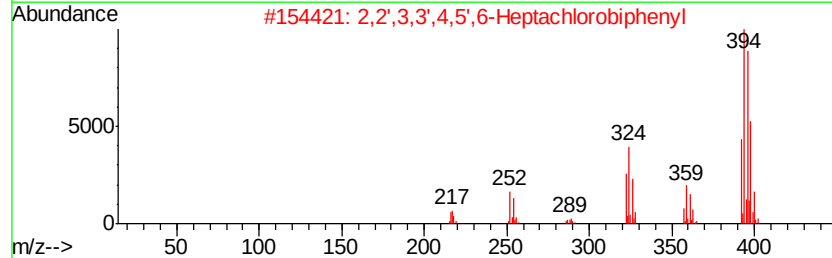
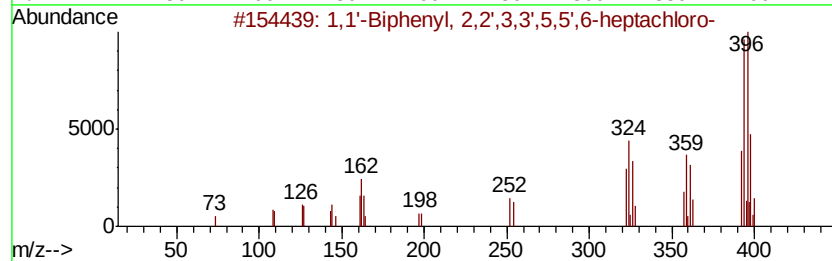
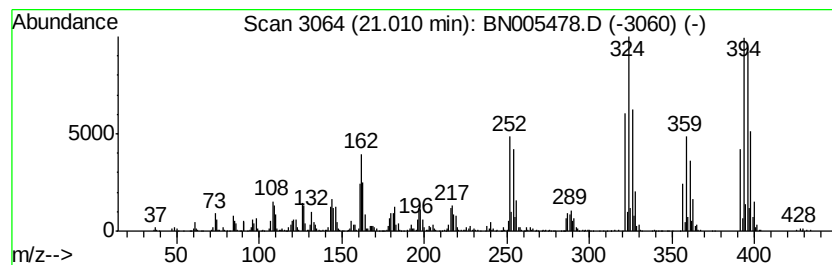
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.01	14.45 ng/ul	2490680	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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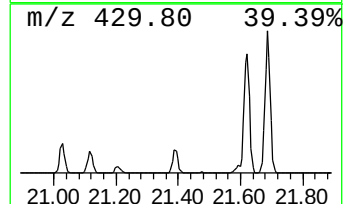
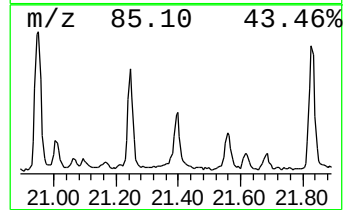
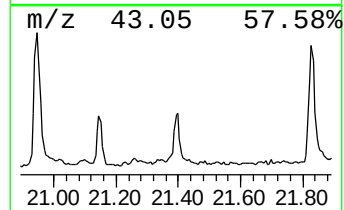
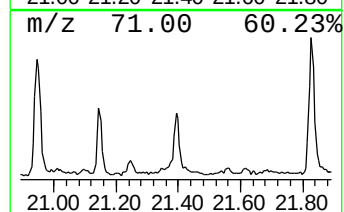
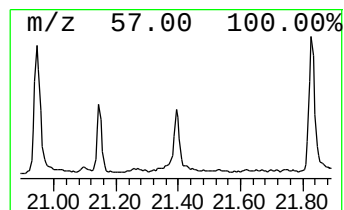
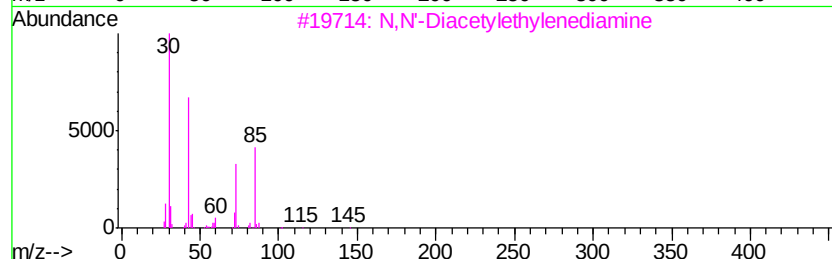
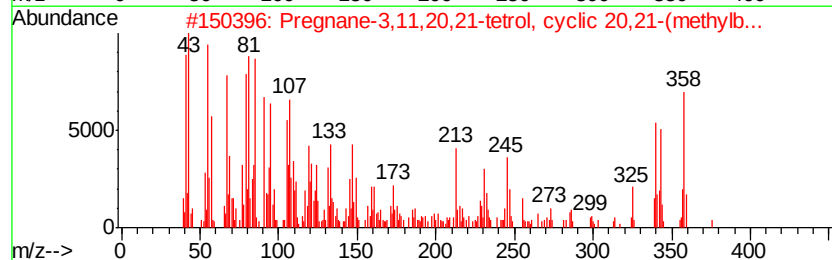
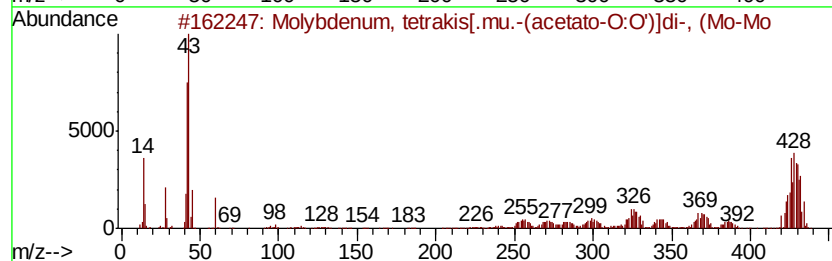
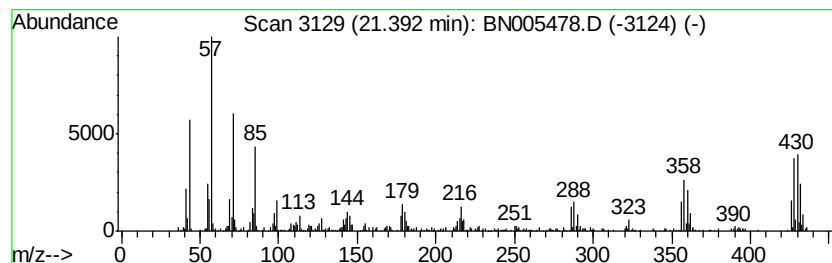
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.83 ng/ul	488395	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Molybdenum, tetrakis[.mu.-(aceta...	432	C8H12Mo2O8	014221-06-8	10
2		Pregnane-3,11,20,21-tetrol, cycl...	376	C22H37BO4	030882-70-3	10
3		N,N'-Diacetylenediamine	144	C6H12N2O2	000871-78-3	9
4		erythro-9,10-Dibromopentacosane	508	C25H50Br2	059907-02-7	7
5		Molybdenum, tetrakis[.mu.-(aceta...	432	C8H12Mo2O8	014221-06-8	7



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

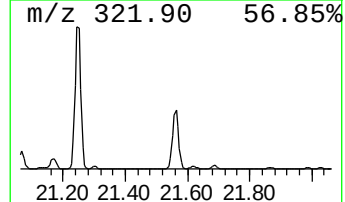
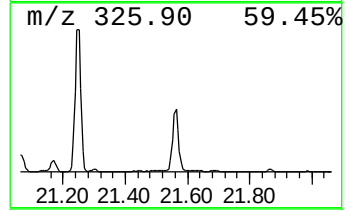
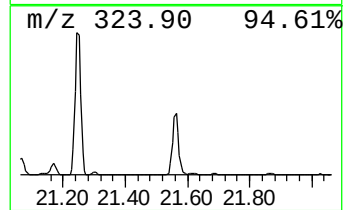
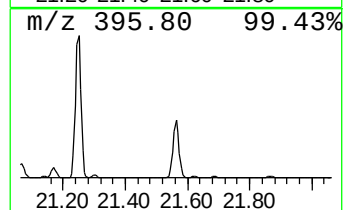
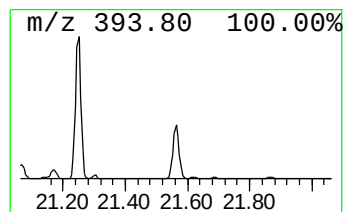
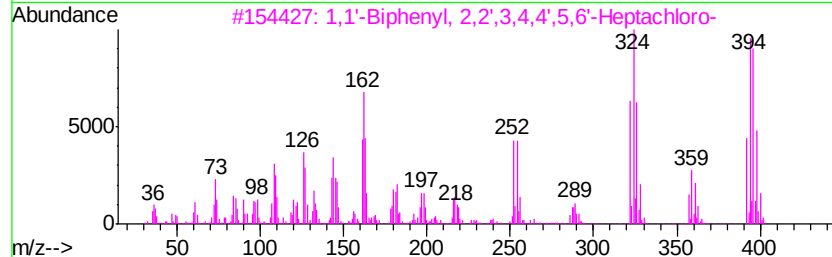
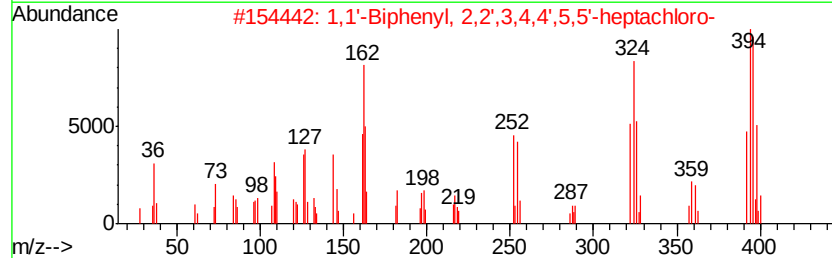
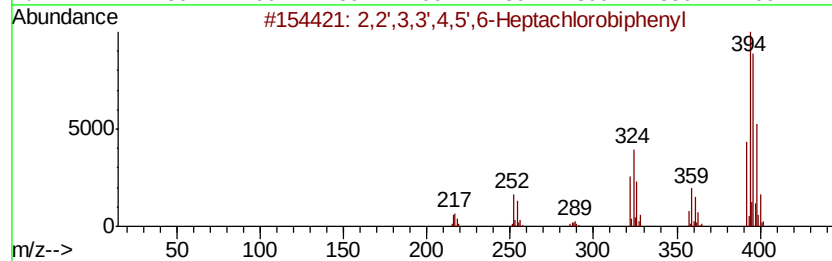
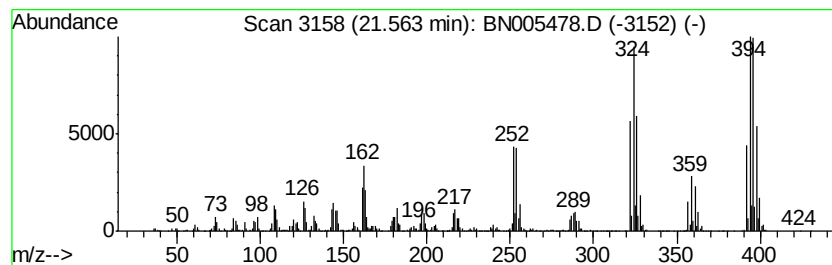
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.56	22.12 ng/ul	3813500	Chrysene-d12	21.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99	
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99	
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99	
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

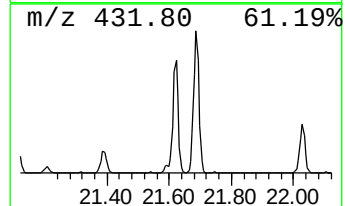
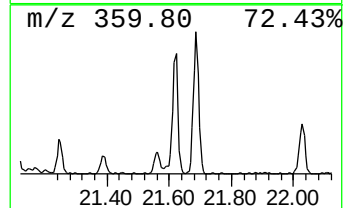
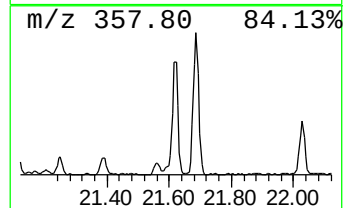
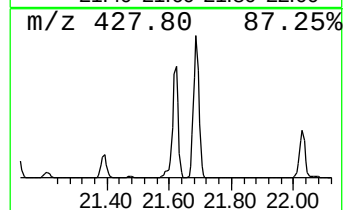
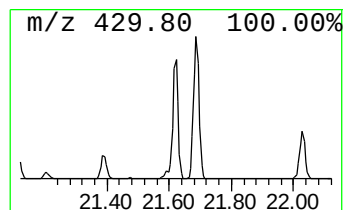
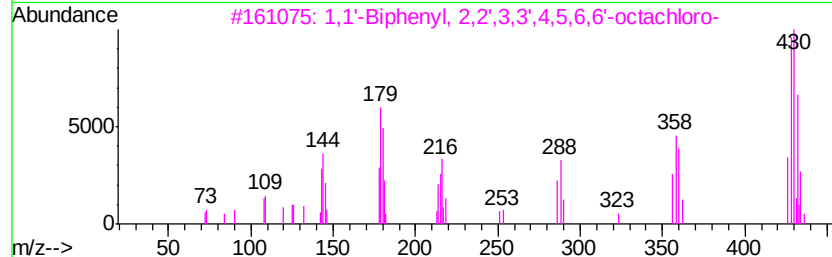
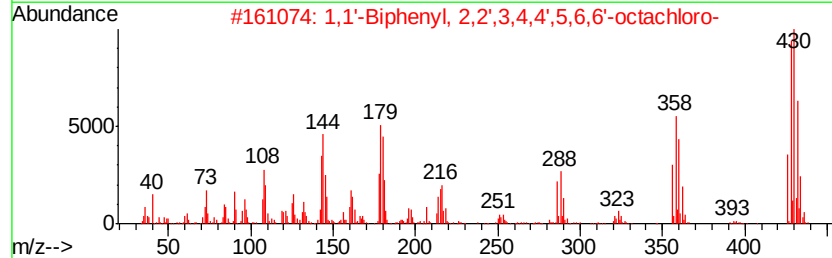
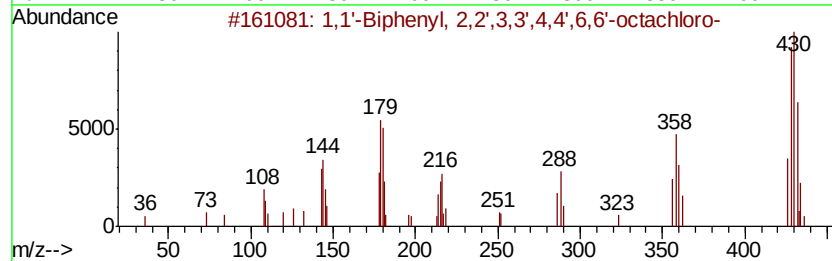
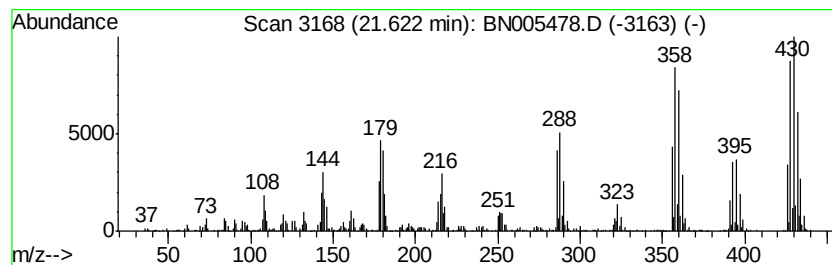
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.62	9.80 ng/ul	1690070	Chrysene-d12	21.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99	
2	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99	
3	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99	
4	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99	
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH61

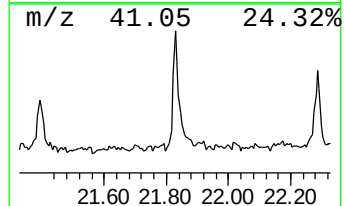
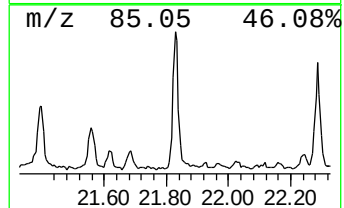
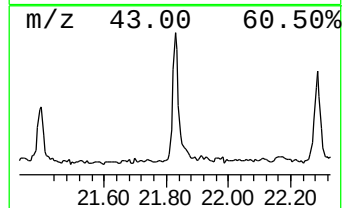
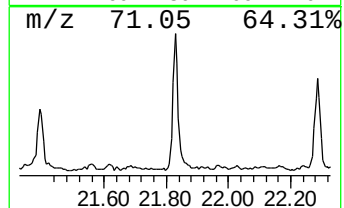
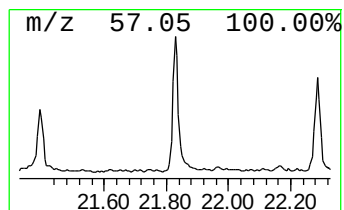
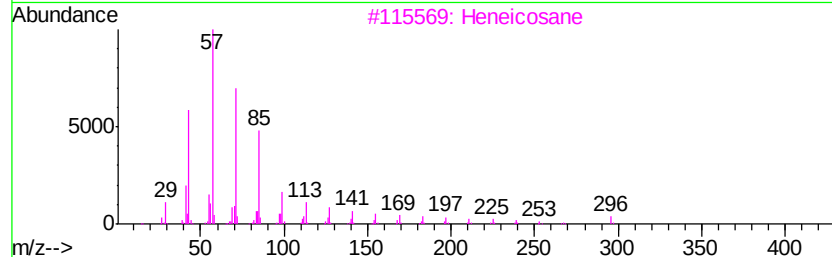
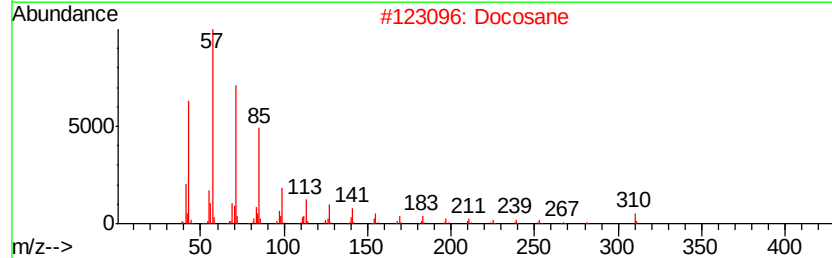
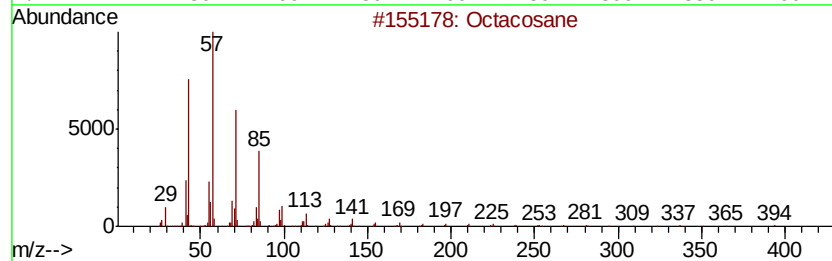
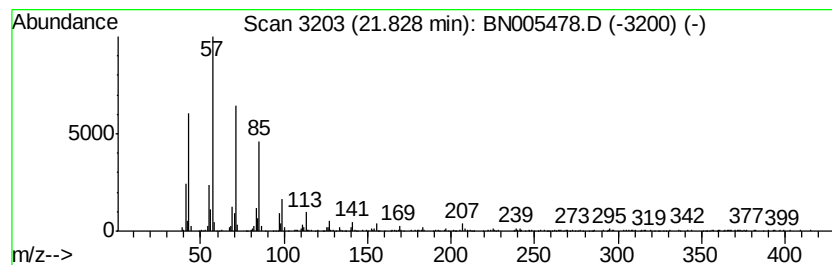
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	3.32 ng/ul	571919	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	99
2			Docosane	310	C22H46	000629-97-0	96
3			Heneicosane	296	C21H44	000629-94-7	94
4			Docosane	310	C22H46	000629-97-0	93
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampled :
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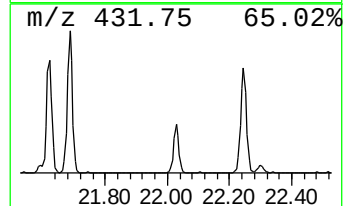
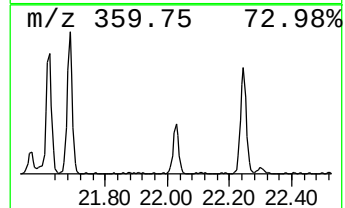
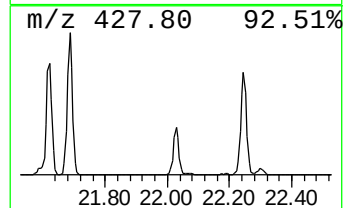
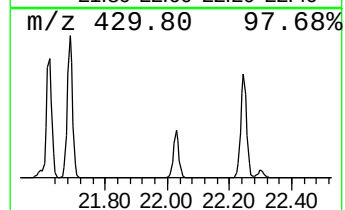
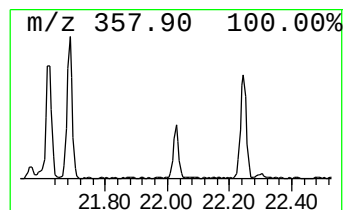
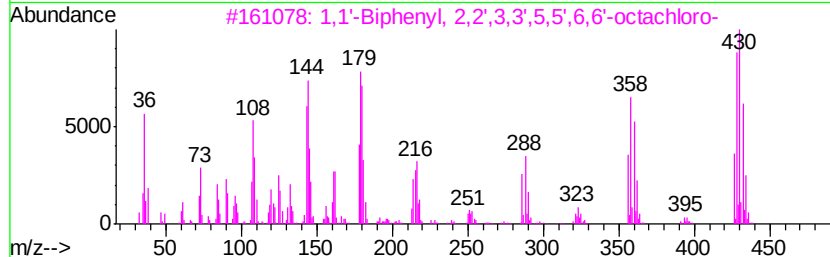
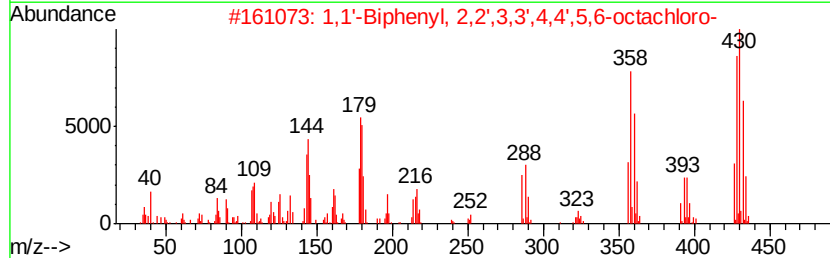
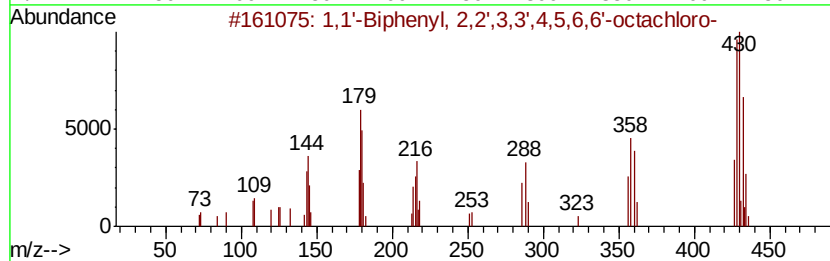
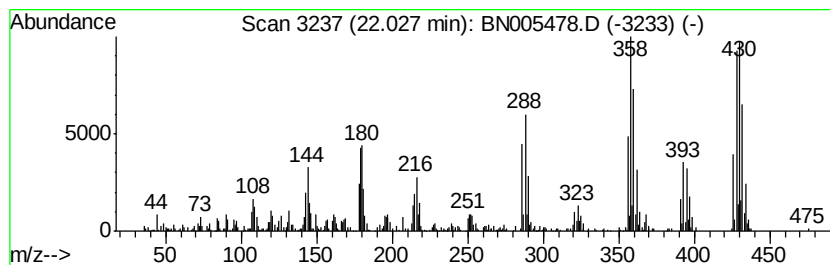
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	3.78 ng/ul	652237	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
2	1,1'	-Biphenyl,	2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
3	1,1'	-Biphenyl,	2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99
4	1,1'	-Biphenyl,	2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
5	1,1'	-Biphenyl,	2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

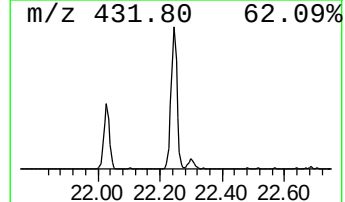
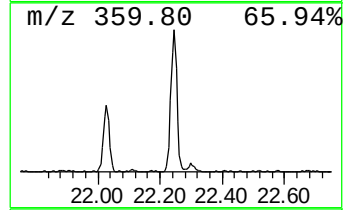
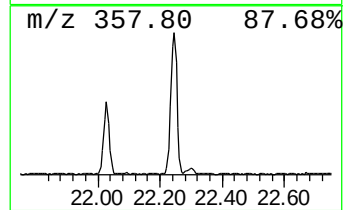
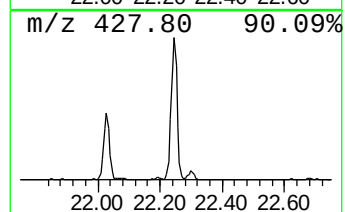
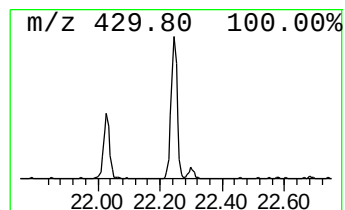
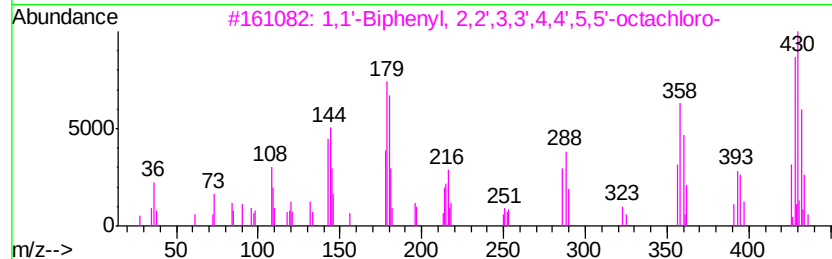
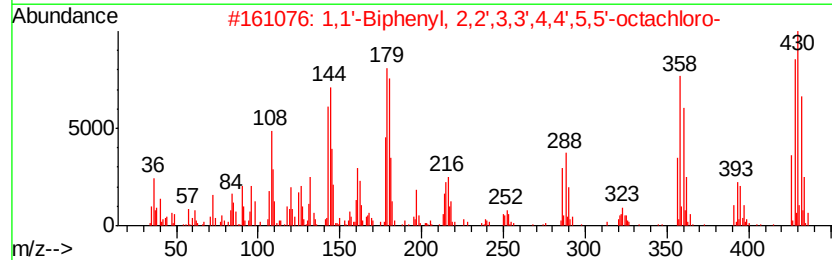
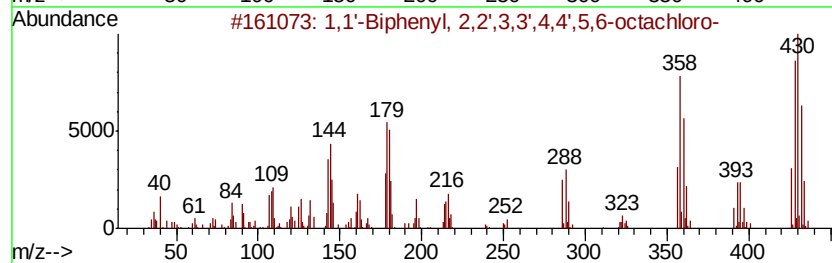
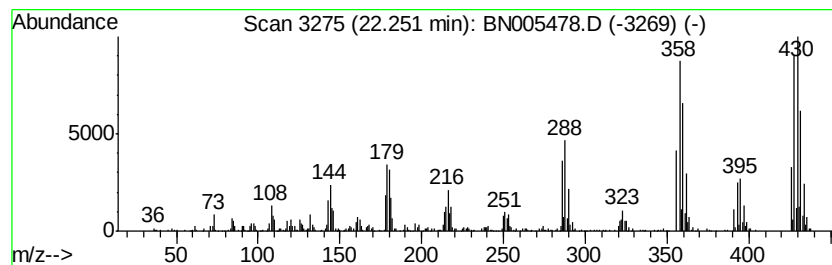
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.25	8.64 ng/ul	1489960	Chrysene-d12	21.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99	
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99	
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	98	
4	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	98	
5	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	97	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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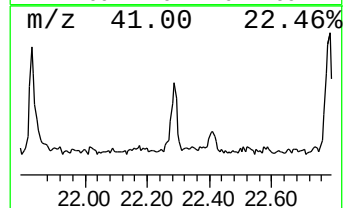
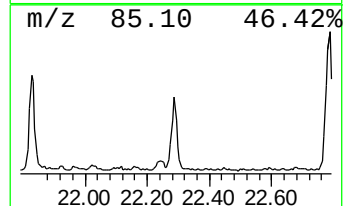
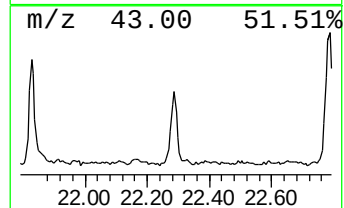
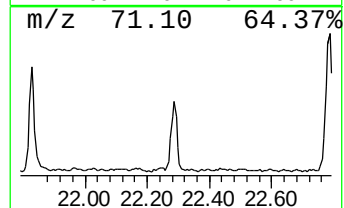
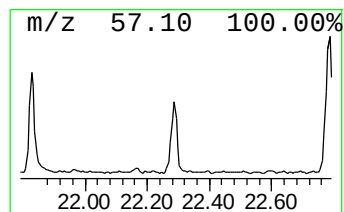
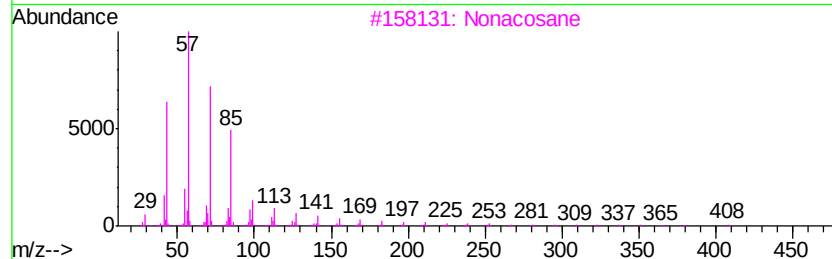
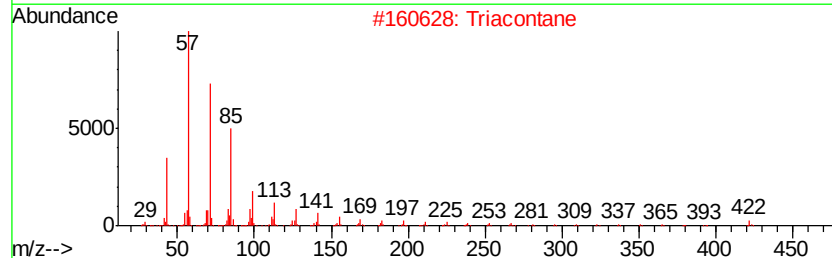
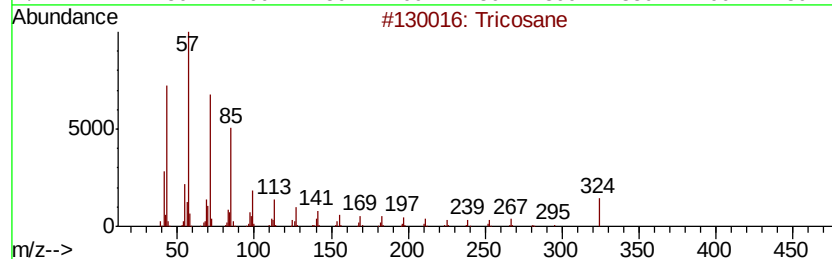
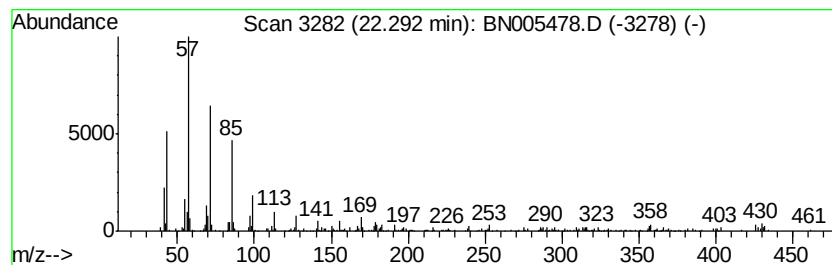
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.58 ng/ul	444335	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	93
2			Triacontane	422	C30H62	000638-68-6	90
3			Nonacosane	408	C29H60	000630-03-5	87
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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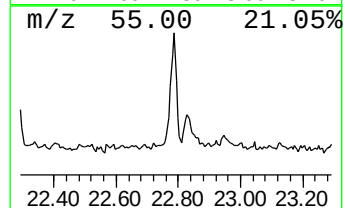
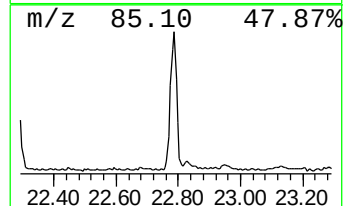
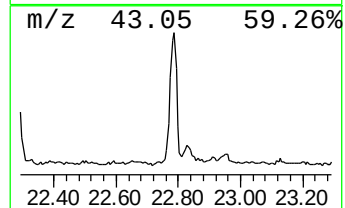
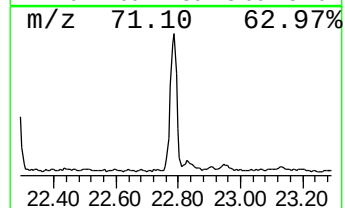
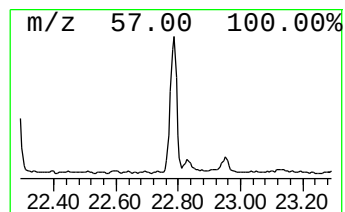
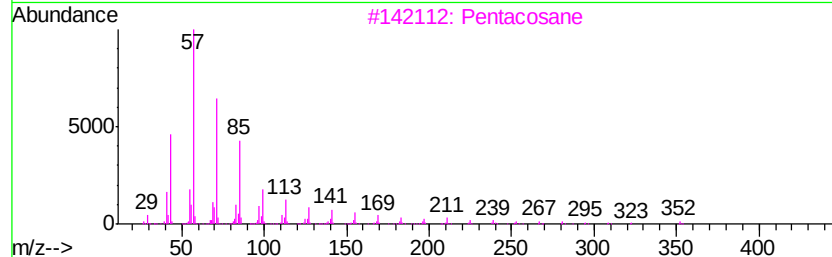
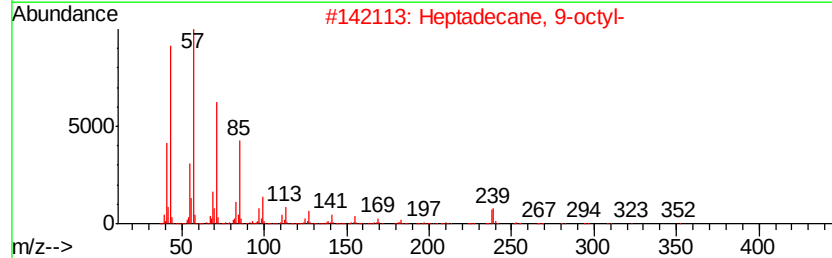
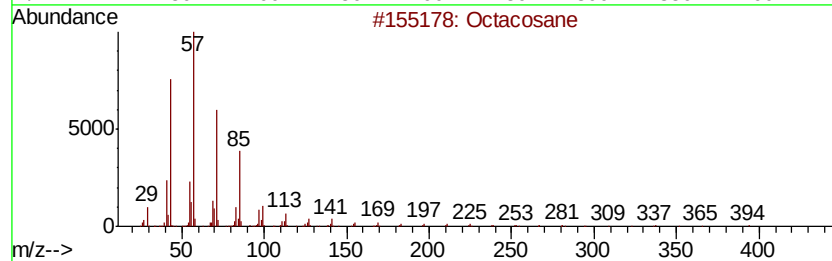
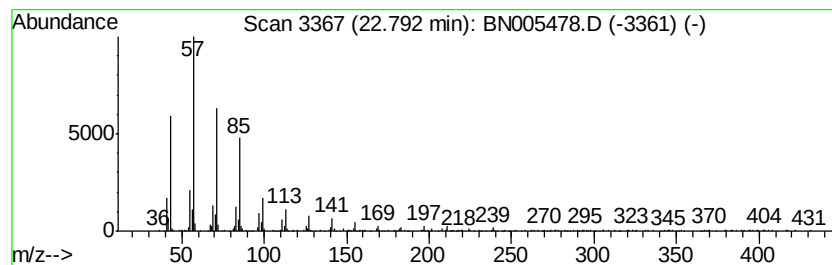
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	5.03 ng/ul	795918	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	98
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
3			Pentacosane	352	C25H52	000629-99-2	97
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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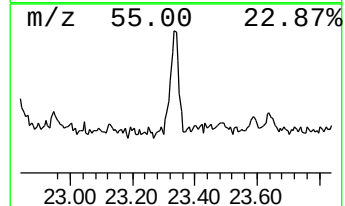
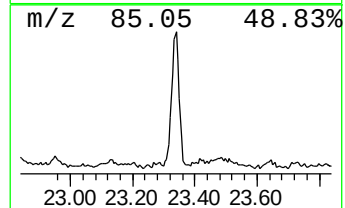
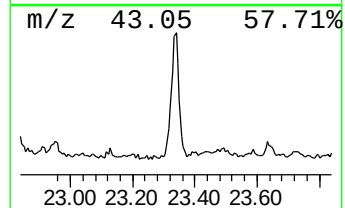
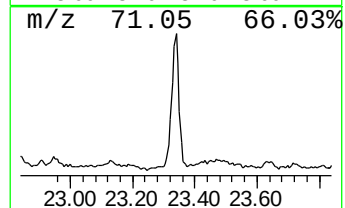
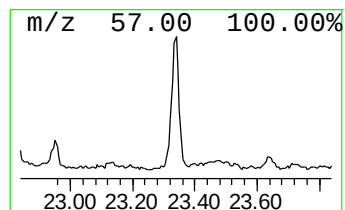
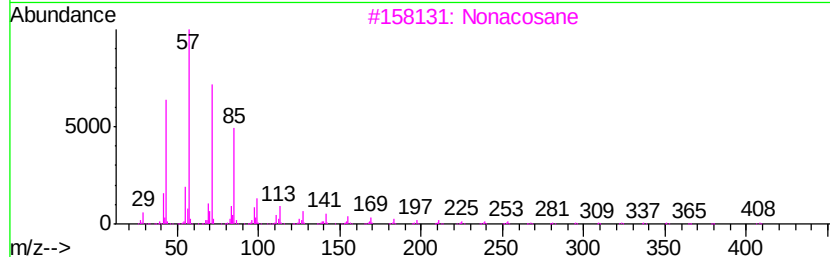
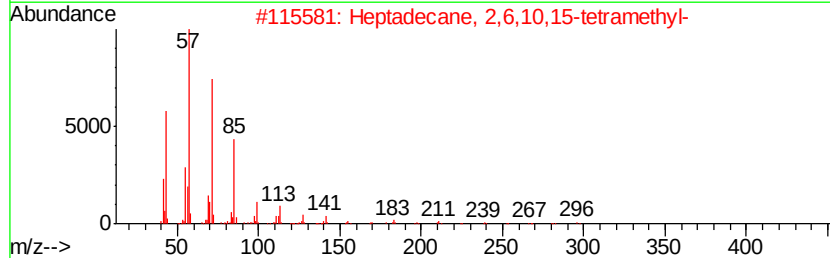
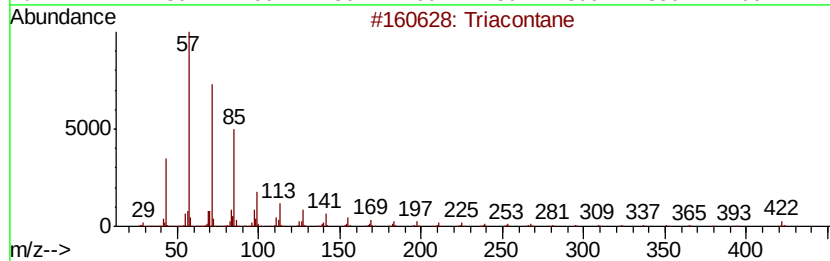
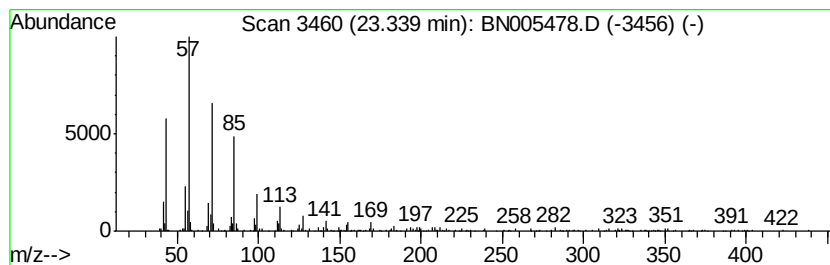
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	3.59 ng/ul	567769	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	93
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3			Nonacosane	408	C29H60	000630-03-5	90
4			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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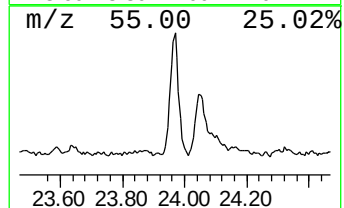
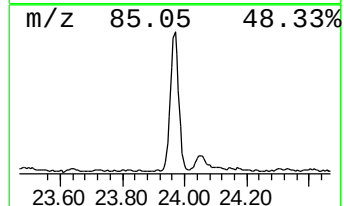
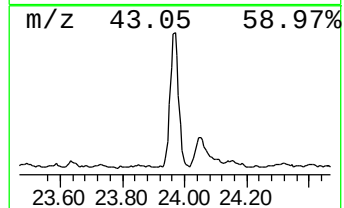
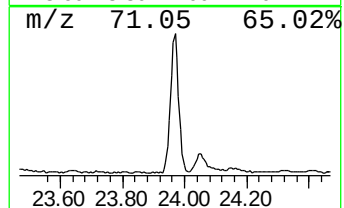
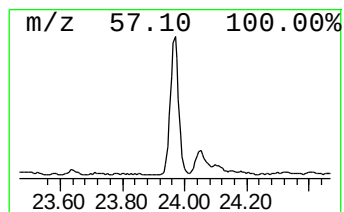
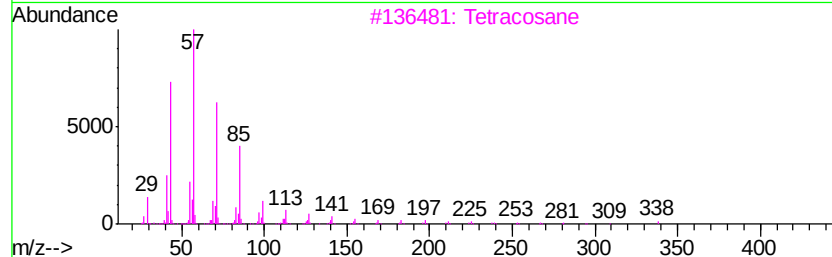
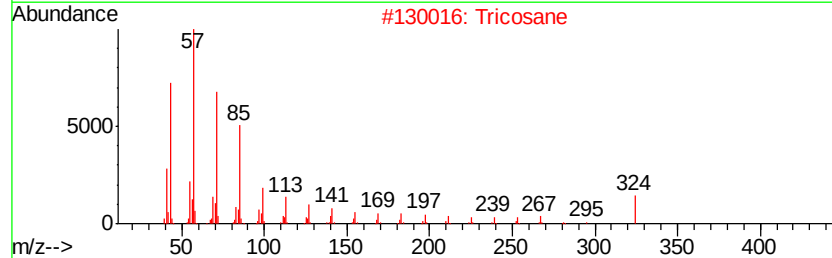
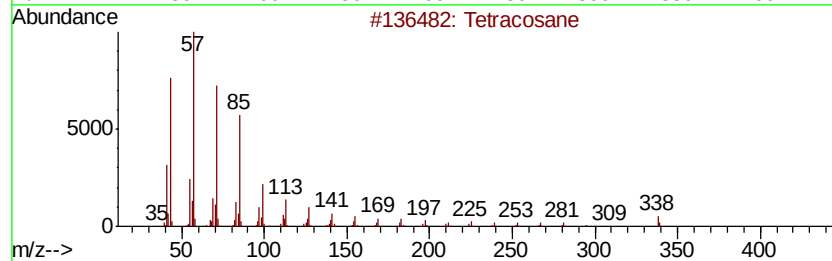
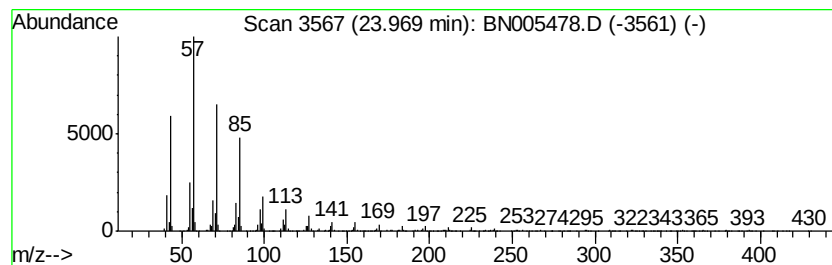
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	10.42 ng/ul	1649830	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Tricosane	324	C23H48	000638-67-5	97
3		Tetracosane	338	C24H50	000646-31-1	97
4		Heptacosane	380	C27H56	000593-49-7	97
5		Tetracosane	338	C24H50	000646-31-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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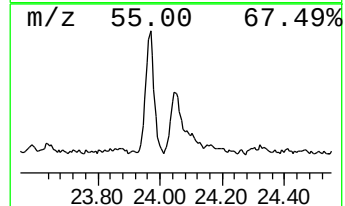
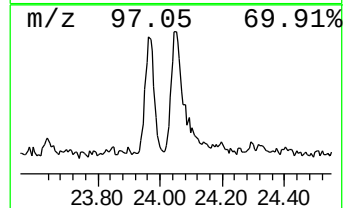
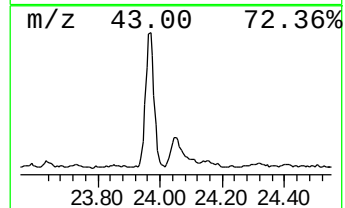
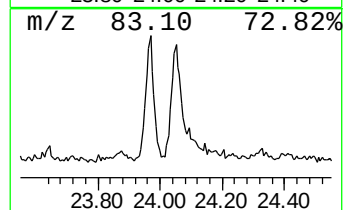
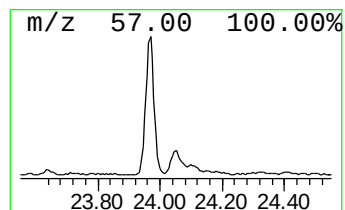
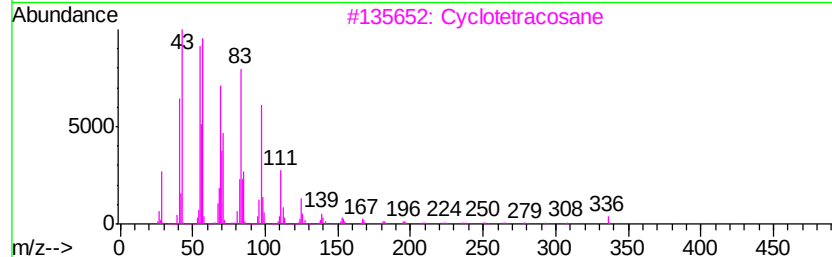
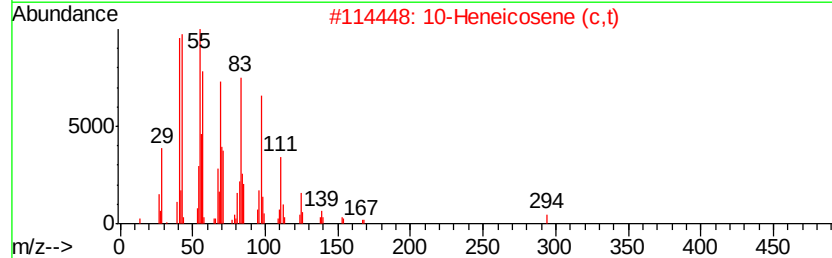
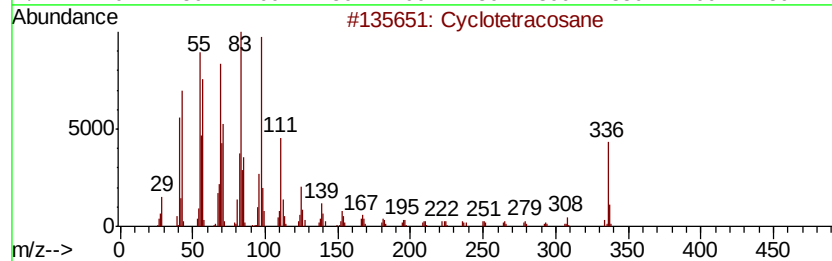
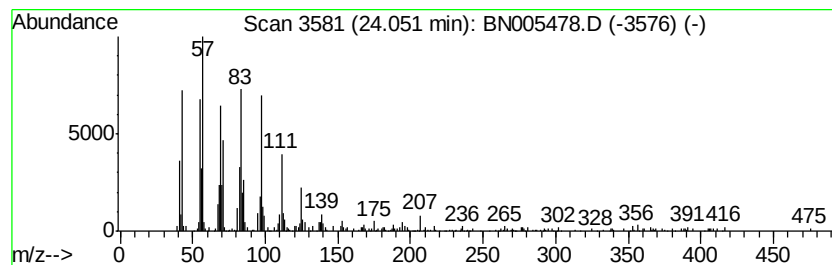
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Cyclic24.05 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	4.65 ng/ul	736804	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	97
2			10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3			Cyclotetracosane	336	C24H48	000297-03-0	93
4			Octadecane, 1-(ethenvloxy)-	296	C20H40O	000930-02-9	91
5			5-Eicosene, (E)-	280	C20H40	074685-30-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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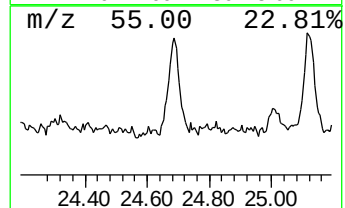
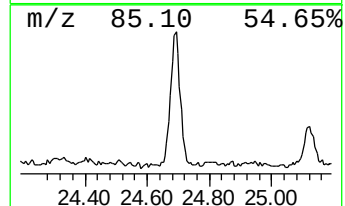
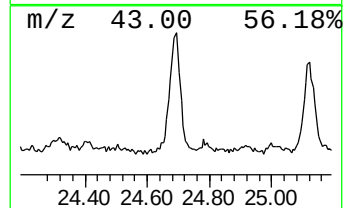
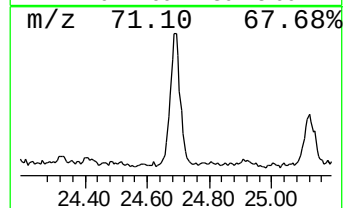
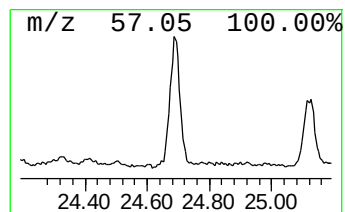
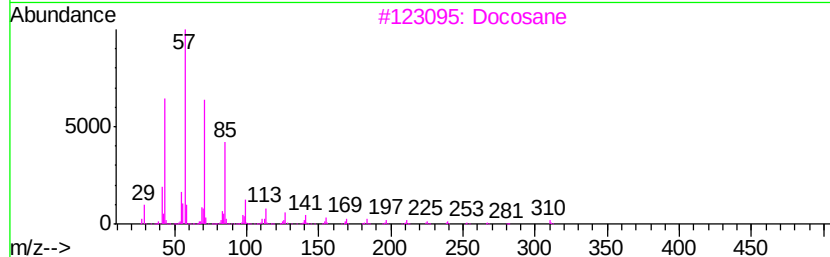
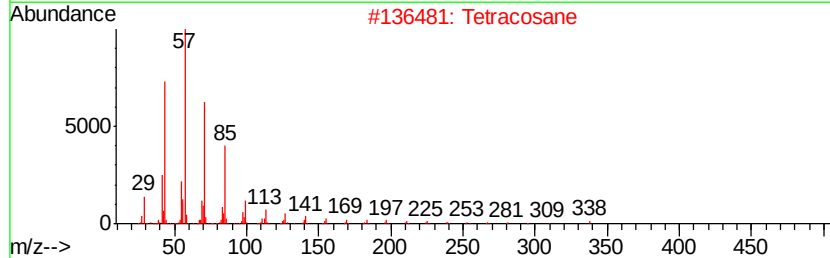
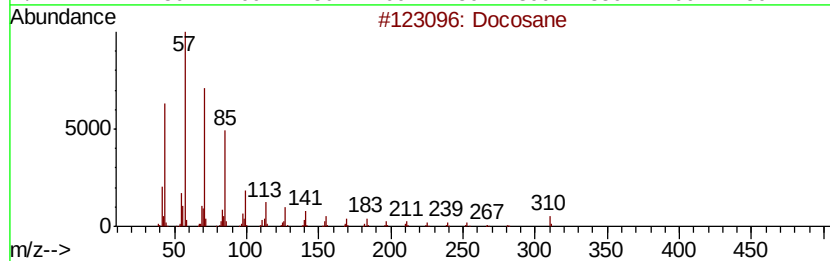
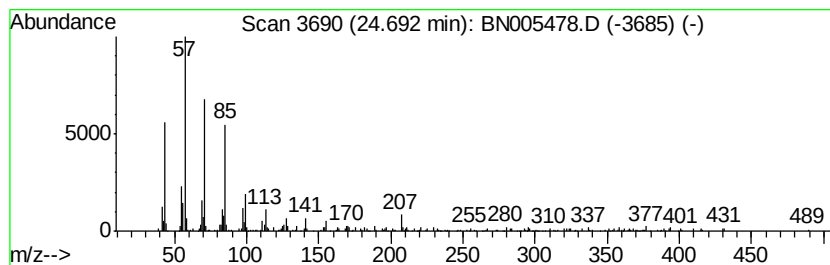
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	4.05 ng/ul	640539	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	94
2		Tetracosane	338	C24H50	000646-31-1	92
3		Docosane	310	C22H46	000629-97-0	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005478.D
Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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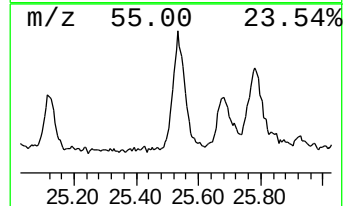
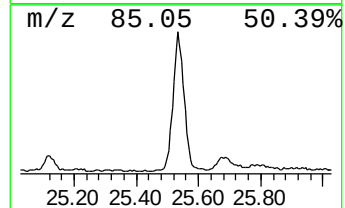
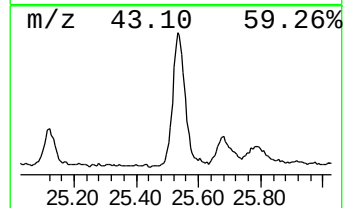
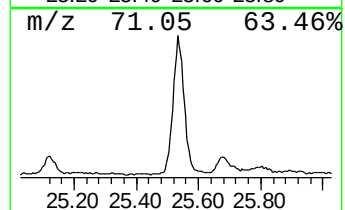
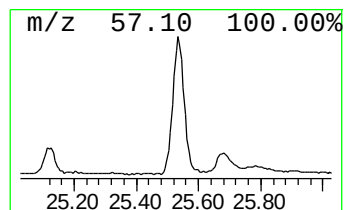
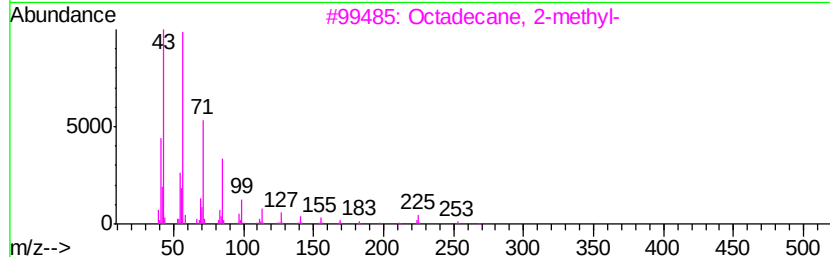
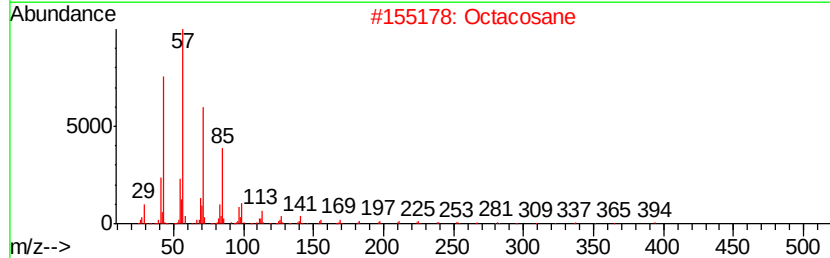
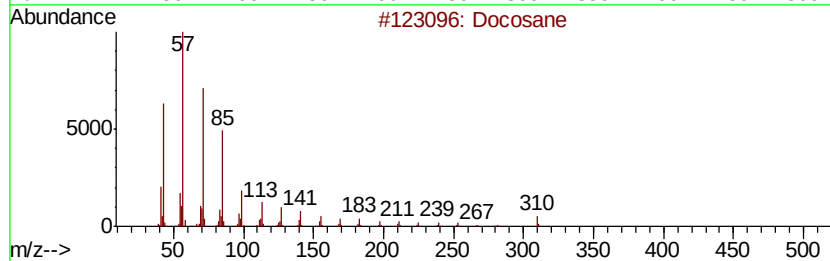
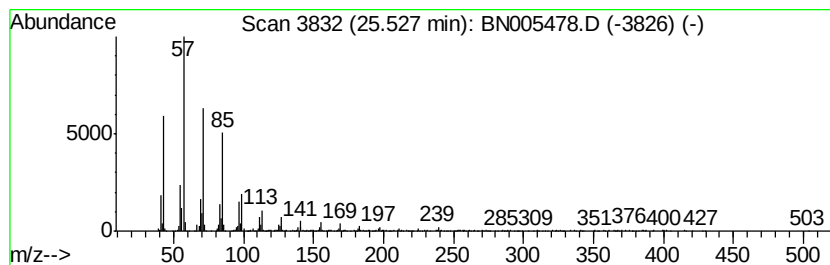
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.53	13.26 ng/ul	2100220	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	98
2		Octacosane	394	C28H58	000630-02-4	95
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4		Tetracosane	338	C24H50	000646-31-1	93
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

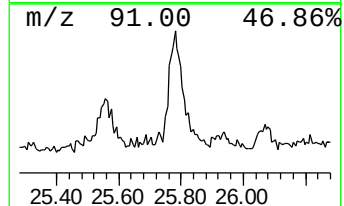
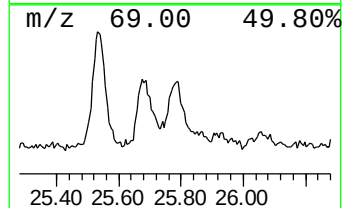
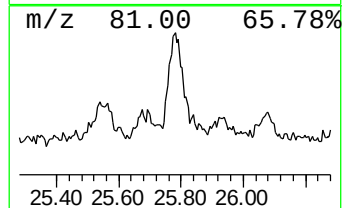
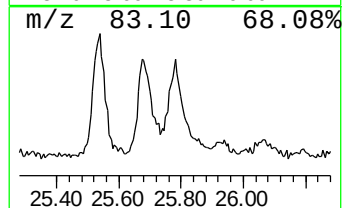
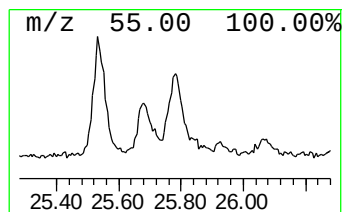
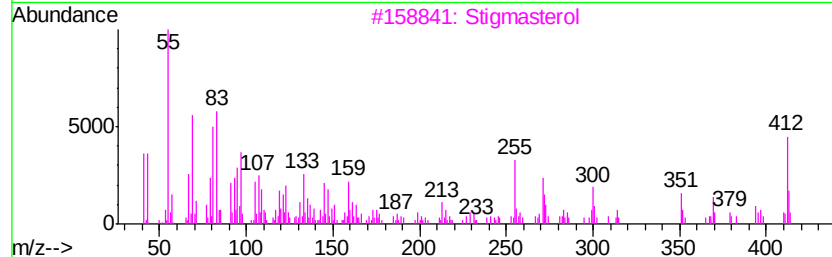
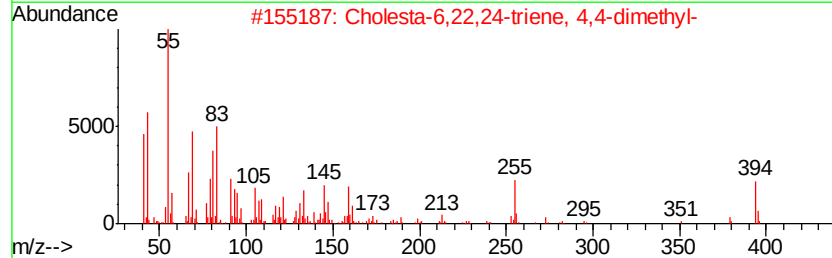
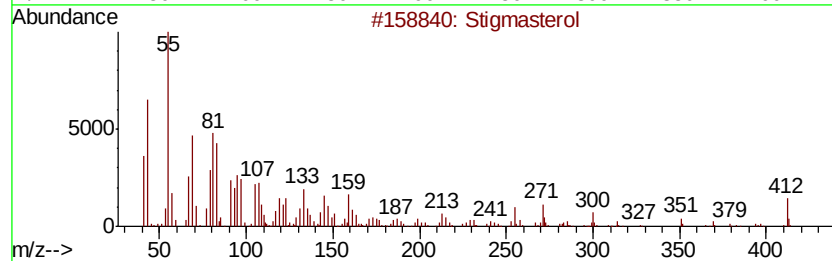
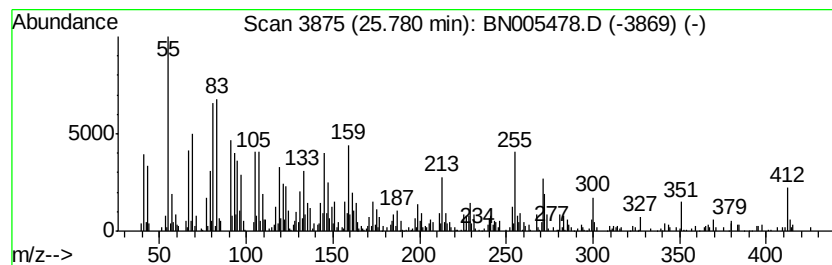
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Stigmasterol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.78	8.27 ng/ul	1309140	Perylene-d12	23.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	97
2	Cholesta-6,22,24-triene, 4,4-dim...	394	C29H46	1000128-66-9	87
3	Stigmasterol	412	C29H48O	000083-48-7	62
4	Stigmastan-6,22-dien, 3,5-dedihy...	394	C29H46	107304-12-1	52
5	Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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Acq On : 04 May 2019 07:01
Operator : JU/SJ
Sample : K2602-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

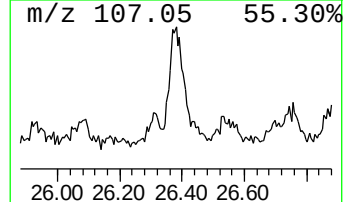
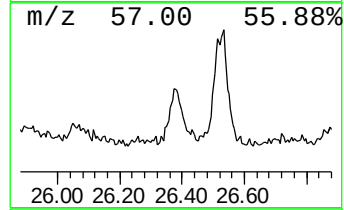
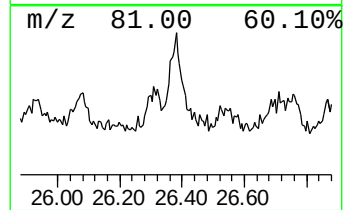
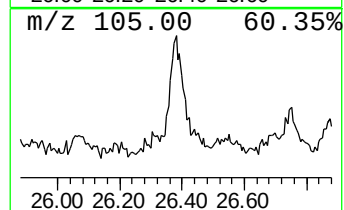
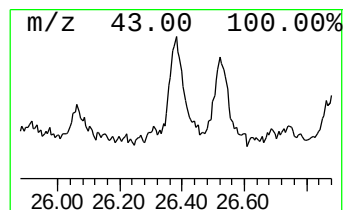
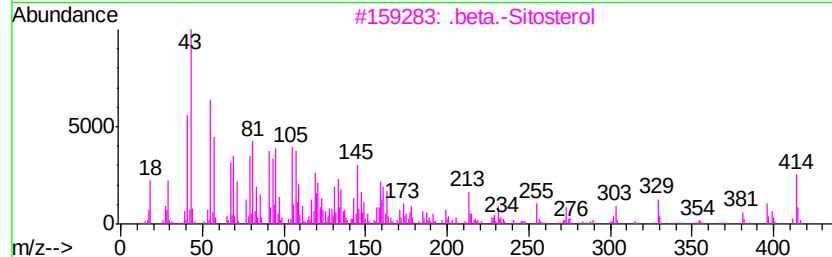
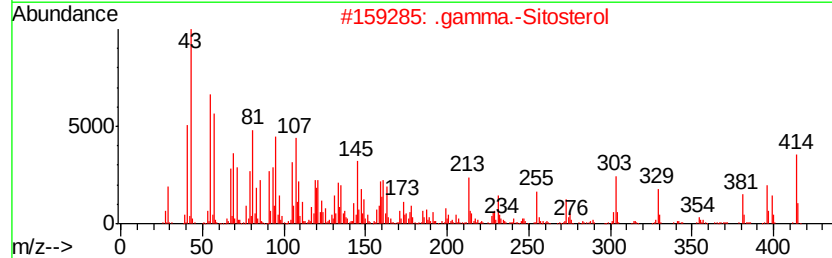
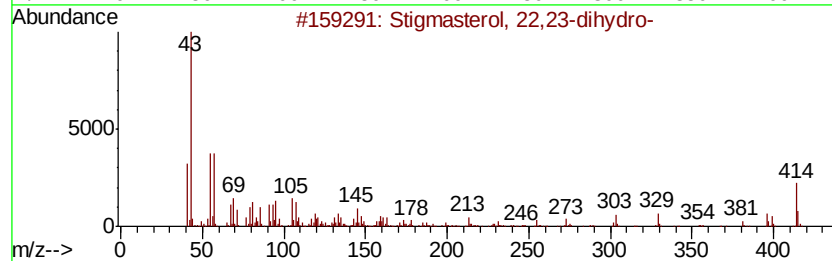
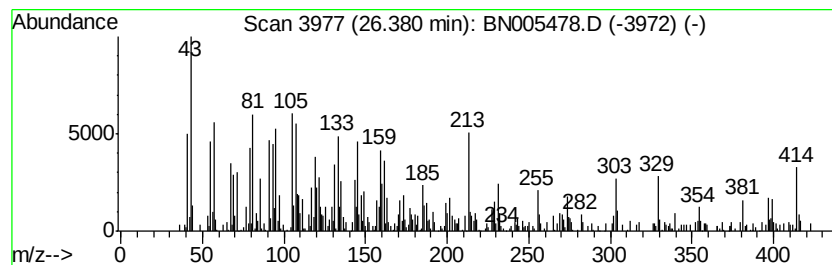
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Stigmasterol, 22,23-dihydro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.38	5.55 ng/ul	879592	Perylene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 97
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 89
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 86
4		Pregn-5-en-3-ol, 21-bromo-20-met...	394 C22H35BrO	055103-80-5 78
5		.beta.-Sitosterol	414 C29H50O	000083-46-5 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
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Acq On : 04 May 2019 07:01
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Sample : K2602-05
Misc :
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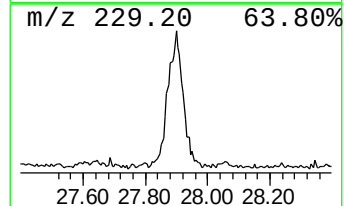
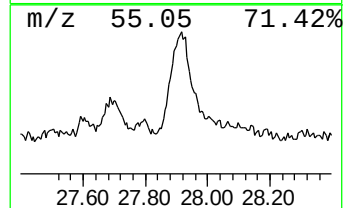
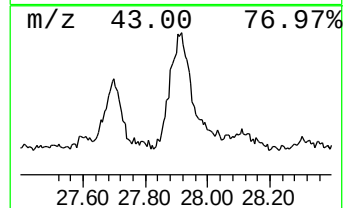
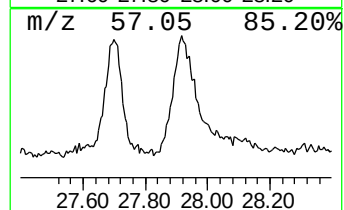
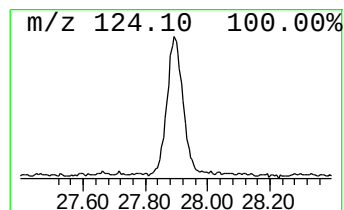
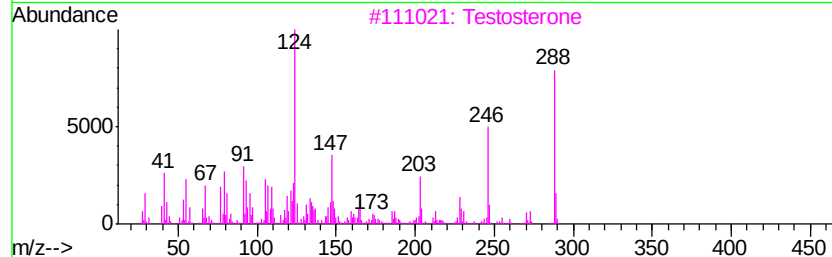
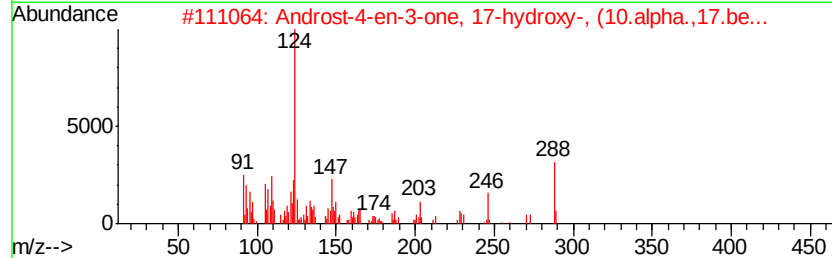
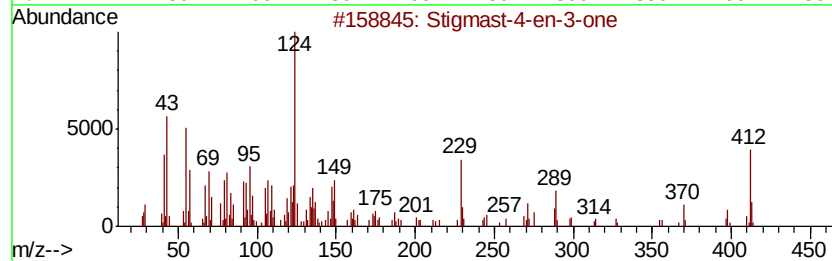
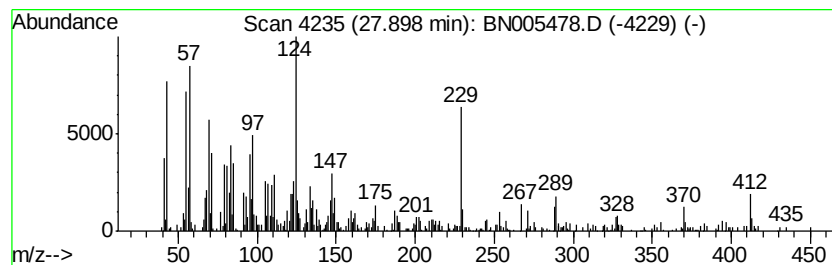
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Stigmast-4-en-3-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
27.90	9.61 ng/ul	1522410	Perylene-d12	23.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Stigmast-4-en-3-one	412	C29H48O	001058-61-3	83
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	59
3		Testosterone	288	C19H28O2	000058-22-0	42
4		Testosterone	288	C19H28O2	000058-22-0	42
5		Testosterone	288	C19H28O2	000058-22-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005478.D
 Acq On : 04 May 2019 07:01
 Operator : JU/SJ
 Sample : K2602-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	6.6	ng/ul	1388070	4	16.98	4189320	20.0
1,1'-Biphenyl, 2,...	18.92	7.0	ng/ul	1460110	4	16.98	4189320	20.0
1,1'-Biphenyl, 2,...	19.64	7.4	ng/ul	1276000	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	19.66	3.9	ng/ul	670869	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	19.83	8.7	ng/ul	1498970	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	19.98	2.2	ng/ul	374080	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	20.05	2.2	ng/ul	373244	5	21.21	3447600	20.0
1,1'-Biphenyl, 3,...	20.13	6.7	ng/ul	1149100	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	20.37	22.9	ng/ul	3952770	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	20.53	45.1	ng/ul	7783170	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	20.84	3.4	ng/ul	579278	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	20.88	2.8	ng/ul	482581	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	21.01	14.4	ng/ul	2490680	5	21.21	3447600	20.0
unknown-01	21.39	2.8	ng/ul	488395	5	21.21	3447600	20.0
2,2',3,3',4,5',6-...	21.56	22.1	ng/ul	3813500	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	21.62	9.8	ng/ul	1690070	5	21.21	3447600	20.0
(DEL) Alkane: Str...	21.83	3.3	ng/ul	571919	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	22.03	3.8	ng/ul	652237	5	21.21	3447600	20.0
1,1'-Biphenyl, 2,...	22.25	8.6	ng/ul	1489960	5	21.21	3447600	20.0
(DEL) Alkane: Str...	22.29	2.6	ng/ul	444335	5	21.21	3447600	20.0
(DEL) Alkane: Str...	22.79	5.0	ng/ul	795918	6	23.42	3166940	20.0
(DEL) Alkane: Str...	23.34	3.6	ng/ul	567769	6	23.42	3166940	20.0
(DEL) Alkane: Str...	23.97	10.4	ng/ul	1649830	6	23.42	3166940	20.0
(DEL) Alkane: Cyc...	24.05	4.7	ng/ul	736804	6	23.42	3166940	20.0
(DEL) Alkane: Str...	24.69	4.0	ng/ul	640539	6	23.42	3166940	20.0
(DEL) Alkane: Str...	25.53	13.3	ng/ul	2100220	6	23.42	3166940	20.0
Stigmasterol	25.78	8.3	ng/ul	1309140	6	23.42	3166940	20.0
Stigmasterol, 22,...	26.38	5.5	ng/ul	879592	6	23.42	3166940	20.0
Stigmast-4-en-3-one	27.90	9.6	ng/ul	1522410	6	23.42	3166940	20.0