

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005615.D
 Acq On : 11 May 2019 07:12
 Operator : JU/SJ
 Sample : K2613-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH50

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	3.205	34	37	45	rVB2	24289	36035	1.41%	0.079%
2	6.775	637	644	657	rVB	393021	752009	29.44%	1.645%
3	6.928	664	670	688	rVB	341995	561974	22.00%	1.229%
4	7.122	697	703	717	rBV	469182	751231	29.41%	1.643%
5	7.581	775	781	791	rBV	671102	1103773	43.21%	2.414%
6	8.287	895	901	917	rVB	330524	617487	24.18%	1.350%
7	8.728	969	976	986	rBV	422349	761051	29.80%	1.664%
8	8.905	1003	1006	1009	rVB2	3490	4617	0.18%	0.010%
9	9.158	1045	1049	1054	rBV3	10050	14668	0.57%	0.032%
10	9.440	1091	1097	1106	rBV	363836	638900	25.01%	1.397%
11	9.981	1180	1189	1203	rBV	480648	930257	36.42%	2.034%
12	10.340	1243	1250	1257	rBV	950852	1592574	62.35%	3.483%
13	10.487	1268	1275	1296	rBV	370371	783624	30.68%	1.714%
14	11.952	1520	1524	1530	rBV4	4412	8123	0.32%	0.018%
15	12.022	1530	1536	1537	rBV3	6031	7504	0.29%	0.016%
16	12.246	1573	1574	1580	rVB3	3980	4896	0.19%	0.011%
17	13.051	1707	1711	1715	rBV5	4549	6835	0.27%	0.015%
18	13.634	1804	1810	1815	rBV	1024510	1419926	55.59%	3.105%
19	13.681	1815	1818	1826	rVB	213395	303233	11.87%	0.663%
20	13.904	1849	1856	1867	rVV	1189176	1776981	69.57%	3.886%
21	14.134	1891	1895	1901	rVB3	6790	8543	0.33%	0.019%
22	14.216	1903	1909	1918	rBV2	1394528	2103362	82.35%	4.600%
23	14.457	1944	1950	1974	rBV	207281	510489	19.99%	1.116%
24	14.610	1974	1976	1977	rVV2	6067	5512	0.22%	0.012%
25	14.640	1977	1981	1982	rVV4	7134	10718	0.42%	0.023%
26	14.669	1982	1986	1991	rVV5	13356	24171	0.95%	0.053%
27	14.710	1991	1993	1995	rVV3	4328	4373	0.17%	0.010%
28	14.981	2034	2039	2045	rBV2	20481	33188	1.30%	0.073%
29	15.093	2054	2058	2064	rBV5	9290	14370	0.56%	0.031%
30	15.216	2073	2079	2087	rBV	1471390	2135957	83.63%	4.671%
31	15.281	2087	2090	2094	rVV5	10807	14884	0.58%	0.033%
32	15.369	2098	2105	2116	rBV	177809	309682	12.12%	0.677%
33	15.463	2116	2121	2125	rVB3	13021	19642	0.77%	0.043%
34	15.957	2202	2205	2210	rVV4	11010	17130	0.67%	0.037%

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35	16.004	2210	2213	2218	rVB4	6427	10256	0.40%	0.022%
36	16.128	2231	2234	2238	rVB4	6363	10670	0.42%	0.023%
37	16.181	2238	2243	2244	rBV3	6768	7988	0.31%	0.017%
38	16.404	2279	2281	2284	rBV3	3600	5714	0.22%	0.012%
39	16.528	2297	2302	2308	rBV2	33663	47830	1.87%	0.105%
40	16.634	2318	2320	2321	rBV2	4629	4432	0.17%	0.010%
41	16.757	2337	2341	2346	rBV4	17686	33883	1.33%	0.074%
42	16.798	2346	2348	2353	rVB4	8823	11191	0.44%	0.024%
43	16.975	2372	2378	2383	rBV	1852899	2489949	97.48%	5.445%
44	17.016	2383	2385	2389	rVV2	72765	80591	3.16%	0.176%
45	17.075	2389	2395	2404	rVV	1513612	2153315	84.30%	4.709%
46	17.175	2409	2412	2414	rBV4	8682	9762	0.38%	0.021%
47	17.222	2419	2420	2425	rVB4	5269	5491	0.21%	0.012%
48	17.375	2442	2446	2447	rBV4	10265	12339	0.48%	0.027%
49	17.492	2463	2466	2471	rVB3	12332	14373	0.56%	0.031%
50	17.657	2492	2494	2498	rVB5	6190	7695	0.30%	0.017%
51	17.769	2509	2513	2518	rBV6	13991	26751	1.05%	0.059%
52	17.857	2525	2528	2530	rBV4	6702	6667	0.26%	0.015%
53	17.892	2530	2534	2548	rBV4	244502	483292	18.92%	1.057%
54	18.051	2557	2561	2566	rBV7	27107	35289	1.38%	0.077%
55	18.092	2566	2568	2571	rVB4	10734	8410	0.33%	0.018%
56	18.186	2581	2584	2587	rBV4	22529	34274	1.34%	0.075%
57	18.216	2587	2589	2595	rVV3	30831	55742	2.18%	0.122%
58	18.286	2599	2601	2604	rVB4	12682	10746	0.42%	0.023%
59	18.381	2612	2617	2619	rBV5	13493	24458	0.96%	0.053%
60	18.575	2648	2650	2651	rBV2	7192	4920	0.19%	0.011%
61	18.663	2663	2665	2666	rBV2	8147	5218	0.20%	0.011%
62	18.828	2691	2693	2697	rBV5	14857	20419	0.80%	0.045%
63	18.910	2702	2707	2715	rVB3	144658	213691	8.37%	0.467%
64	19.051	2727	2731	2738	rVB	58442	88908	3.48%	0.194%
65	19.122	2740	2743	2747	rBV5	39951	49690	1.95%	0.109%
66	19.198	2751	2756	2764	rBV3	318497	516460	20.22%	1.129%
67	19.386	2782	2788	2798	rBV	1778036	2554204	100.00%	5.586%
68	19.545	2812	2815	2818	rVB4	34595	39377	1.54%	0.086%
69	19.633	2825	2830	2831	rBV	139877	191073	7.48%	0.418%
70	19.775	2850	2854	2858	rBV	378133	468975	18.36%	1.026%
71	19.822	2858	2862	2868	rVB2	156057	255415	10.00%	0.559%

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72	19.916	2874	2878	2884	rBV	991500	1230786	48.19%	2.692%
73	19.975	2884	2888	2895	rVB4	59937	94192	3.69%	0.206%
74	20.045	2898	2900	2904	rVB5	53730	62625	2.45%	0.137%
75	20.122	2910	2913	2917	rVB	157774	198797	7.78%	0.435%
76	20.204	2922	2927	2931	rBV	1269560	1569123	61.43%	3.431%
77	20.251	2931	2935	2940	rVV	249163	305068	11.94%	0.667%
78	20.363	2949	2954	2959	rVB2	478500	691991	27.09%	1.513%
79	20.451	2966	2969	2974	rBV5	104247	161351	6.32%	0.353%
80	20.522	2974	2981	2987	rVV	747971	1356827	53.12%	2.967%
81	20.575	2987	2990	2994	rVB3	140778	150372	5.89%	0.329%
82	20.675	3003	3007	3012	rVB	748716	903273	35.36%	1.975%
83	20.733	3014	3017	3023	rVV	287681	324266	12.70%	0.709%
84	20.833	3032	3034	3037	rBV3	78246	79050	3.09%	0.173%
85	20.945	3048	3053	3058	rBV2	780815	1057955	41.42%	2.314%
86	21.004	3059	3063	3068	rVB3	369494	491002	19.22%	1.074%
87	21.057	3069	3072	3076	rBV3	132309	154245	6.04%	0.337%
88	21.210	3093	3098	3100	rBV	1539342	1937958	75.87%	4.238%
89	21.239	3100	3103	3108	rVB	1293610	1512939	59.23%	3.309%
90	21.380	3125	3127	3132	rVB2	111664	124856	4.89%	0.273%
91	21.551	3152	3156	3162	rBV2	491879	666840	26.11%	1.458%
92	21.610	3163	3166	3170	rVV3	266697	316007	12.37%	0.691%
93	21.675	3174	3177	3183	rVB4	285535	343085	13.43%	0.750%
94	21.816	3198	3201	3204	rBV	143739	169125	6.62%	0.370%
95	22.233	3269	3272	3275	rBV2	185673	222609	8.72%	0.487%
96	22.269	3276	3278	3287	rVB	165434	233453	9.14%	0.511%
97	22.769	3359	3363	3368	rVB	305250	423264	16.57%	0.926%
98	23.274	3444	3449	3454	rBV2	843047	1478270	57.88%	3.233%
99	23.416	3467	3473	3483	rVB	959878	1763509	69.04%	3.857%
100	23.945	3560	3563	3572	rVB	241373	417852	16.36%	0.914%

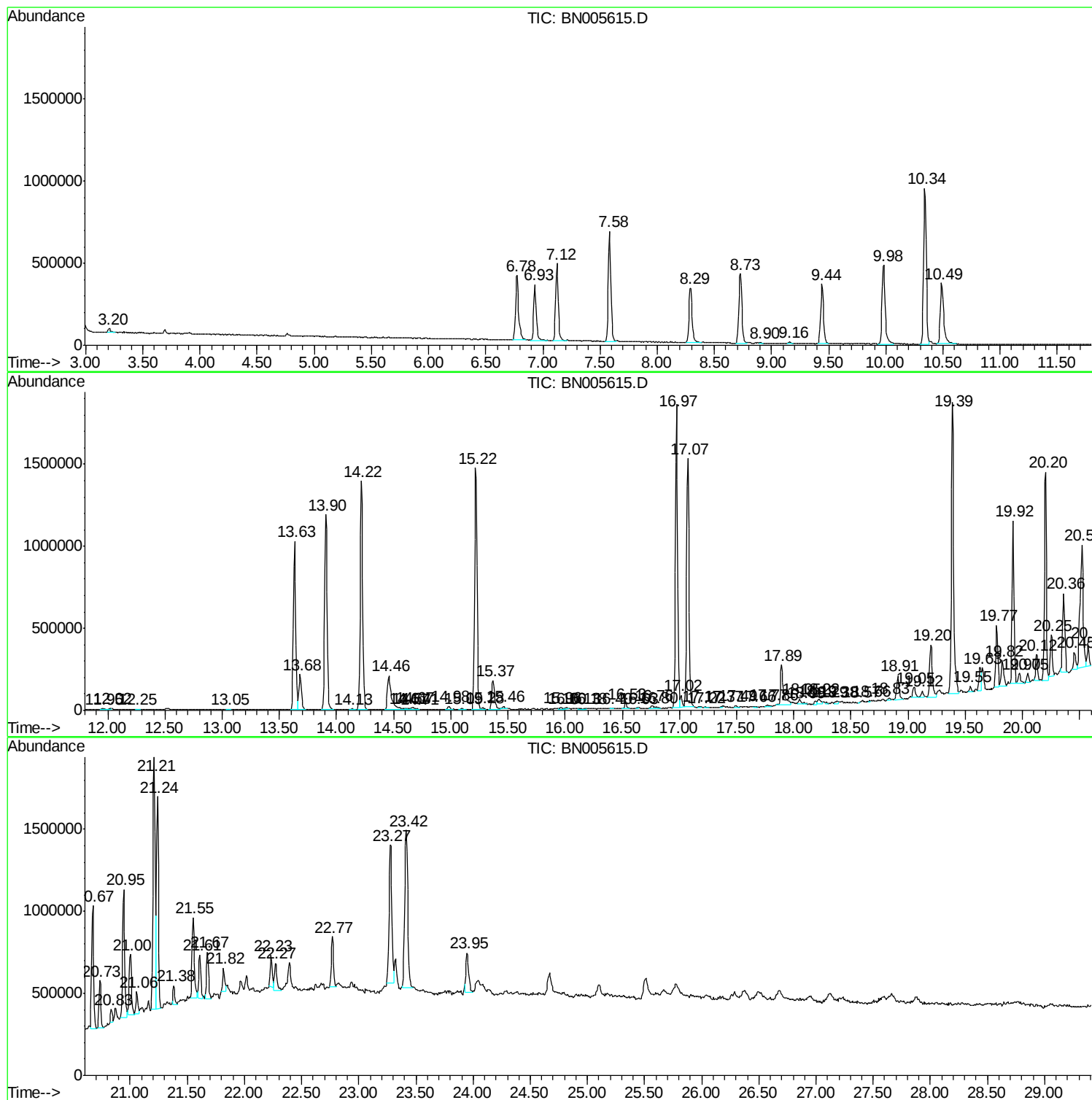
Sum of corrected areas: 45727867

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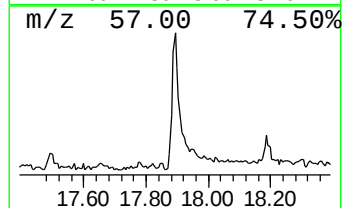
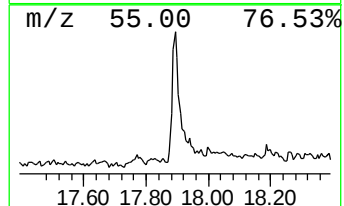
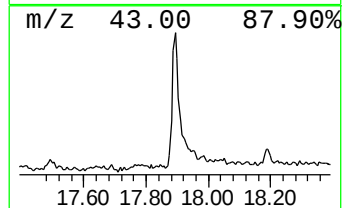
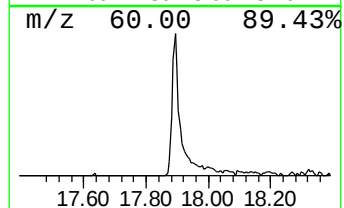
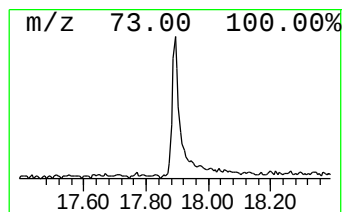
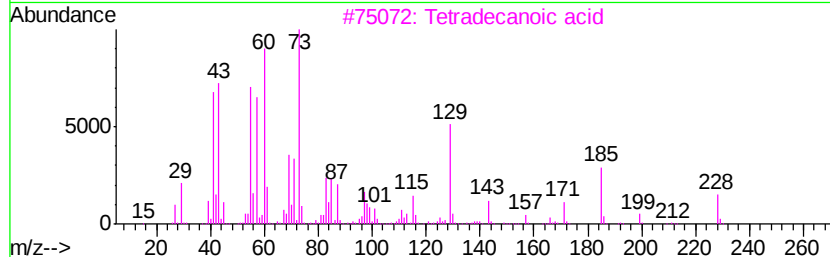
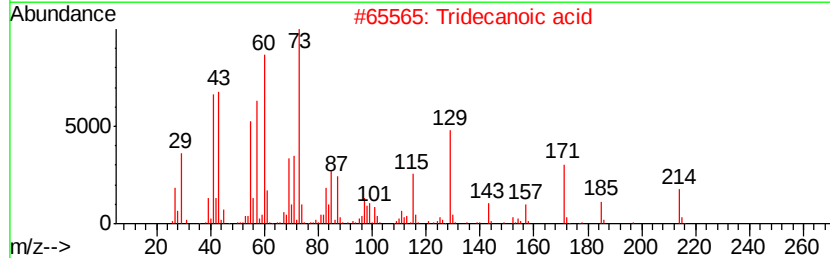
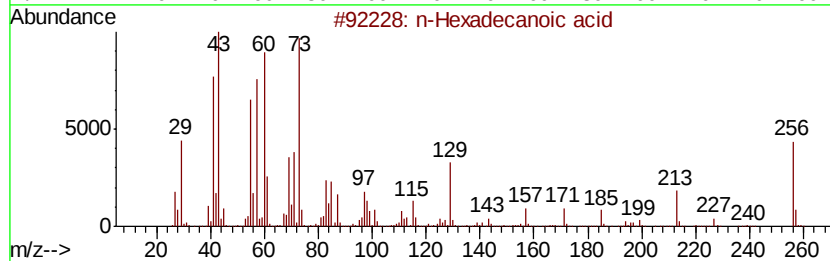
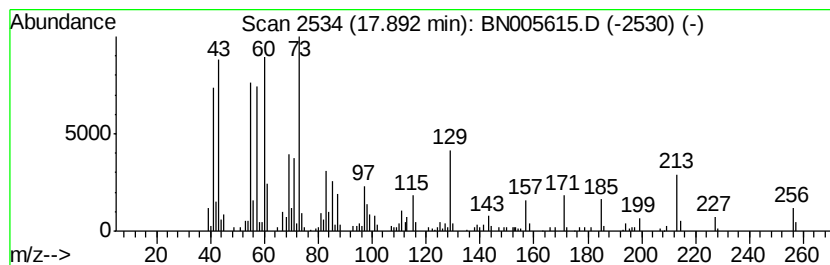
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.89	3.88 ng/ul	483292	Phenanthrene-d10		16.97		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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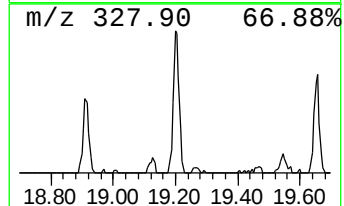
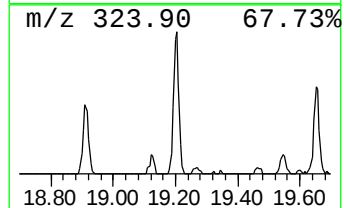
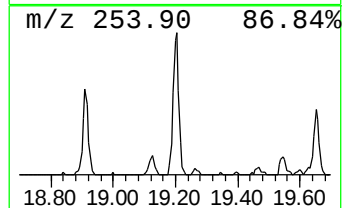
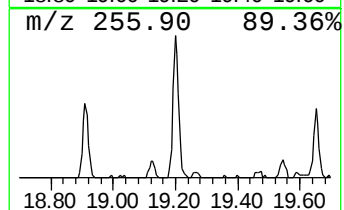
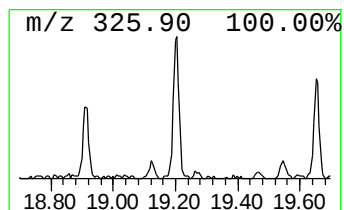
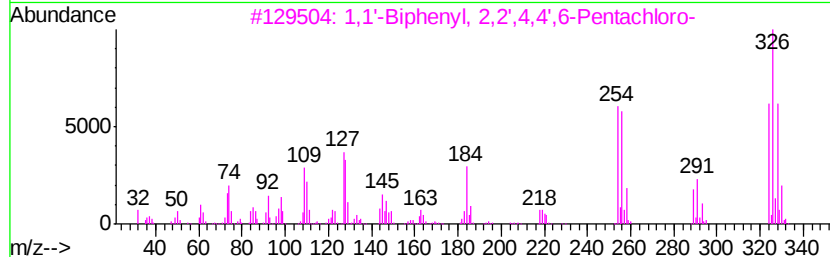
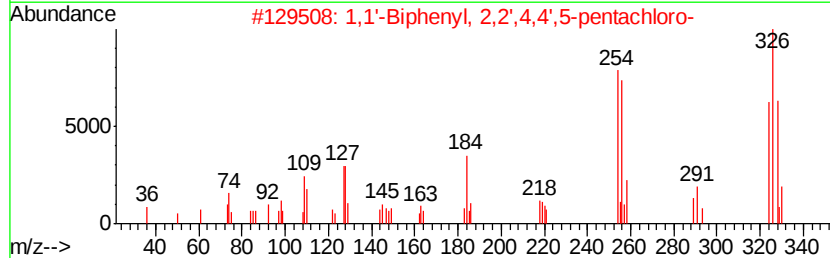
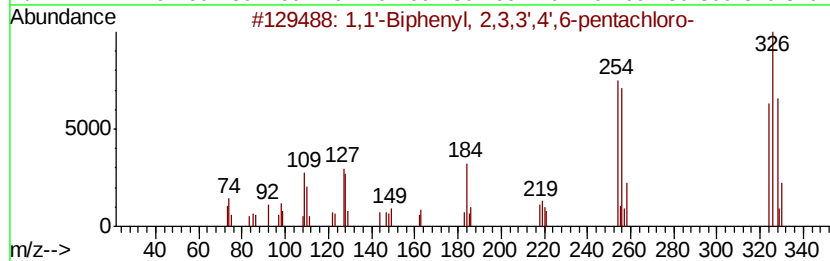
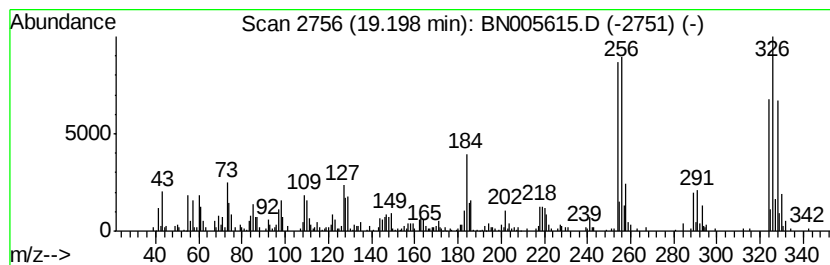
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.20	5.33 ng/ul	516460	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,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl,	2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98
4	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
5	1,1'-Biphenyl,	2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95



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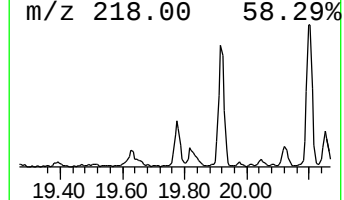
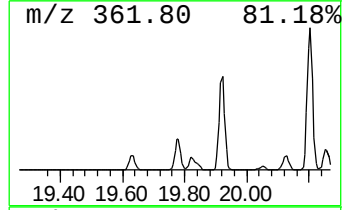
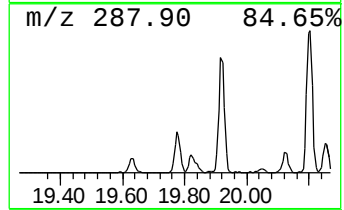
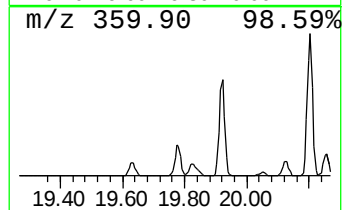
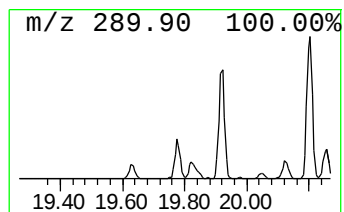
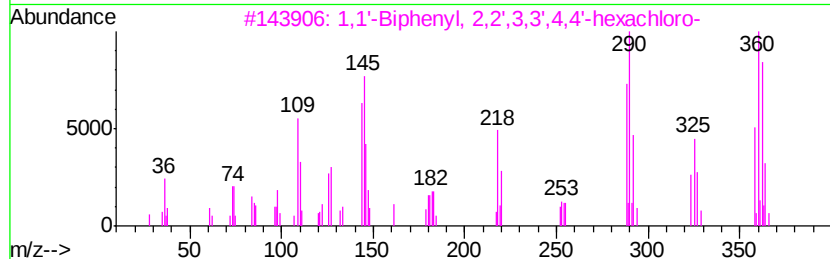
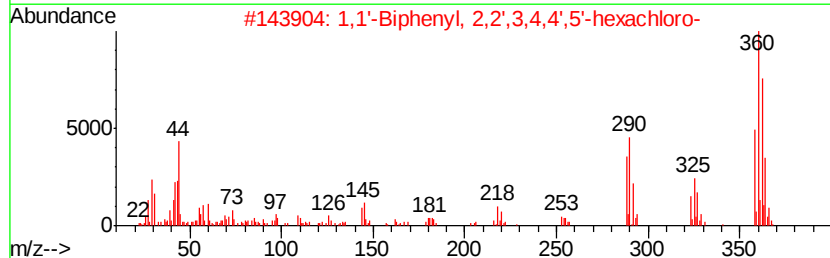
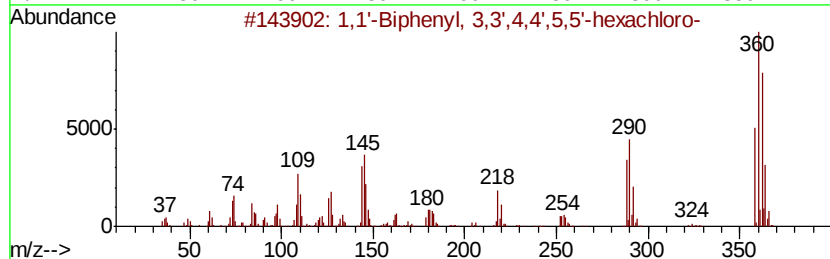
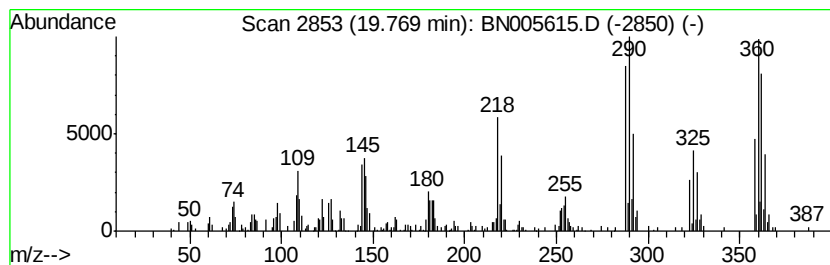
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	4.84 ng/ul	468975	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',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	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\BN051019\
Data File : BN005615.D
Acq On : 11 May 2019 07:12
Operator : JU/SJ
Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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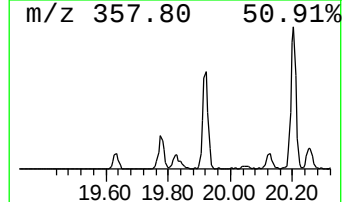
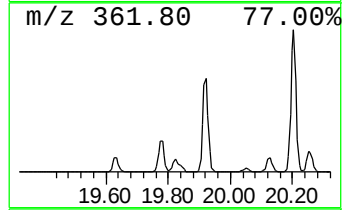
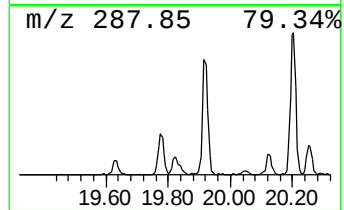
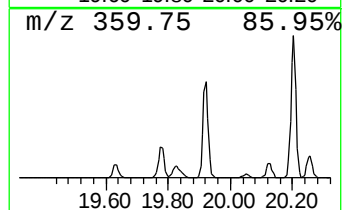
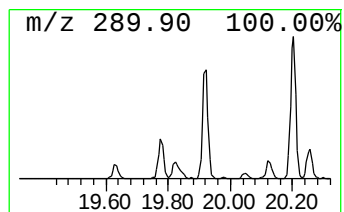
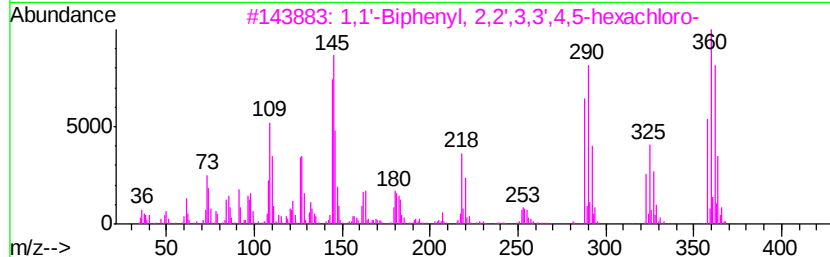
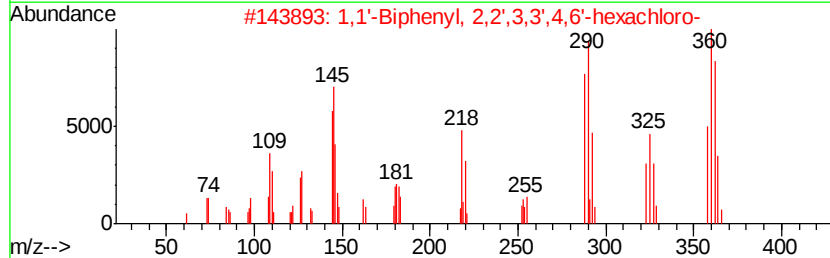
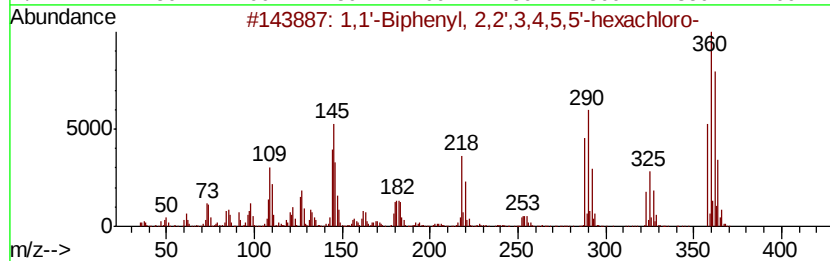
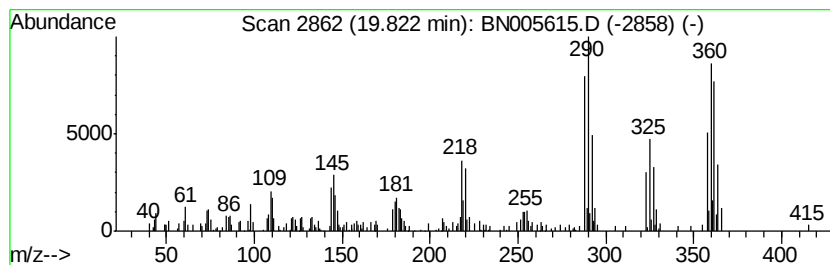
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.64 ng/ul	255415	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, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
3		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005615.D
Acq On : 11 May 2019 07:12
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Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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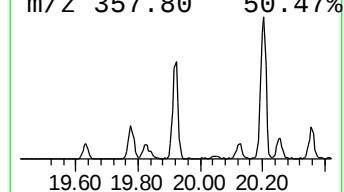
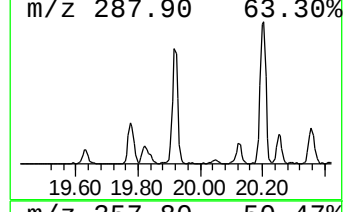
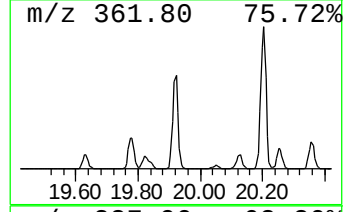
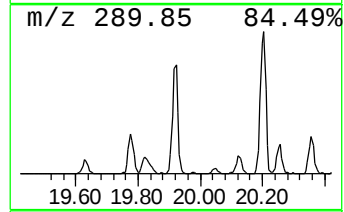
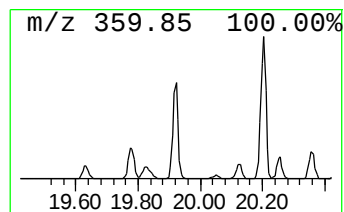
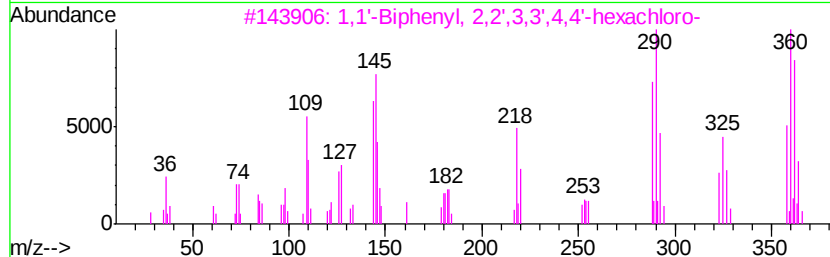
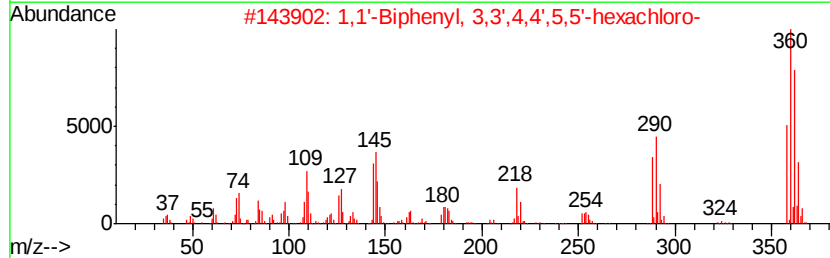
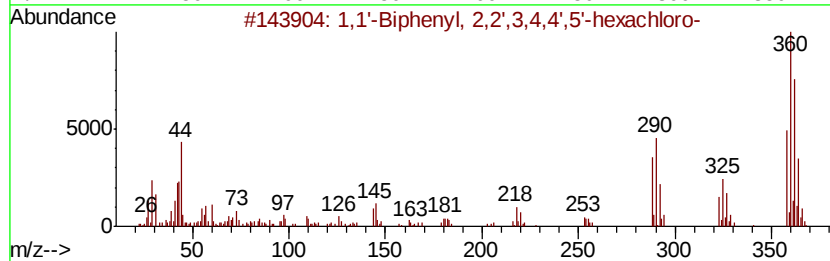
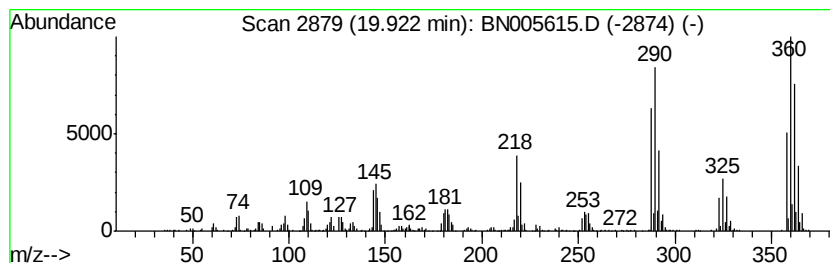
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	12.70 ng/ul	1230790	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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Sample : K2613-08
Misc :
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ClientSampleId :
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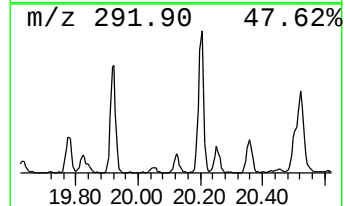
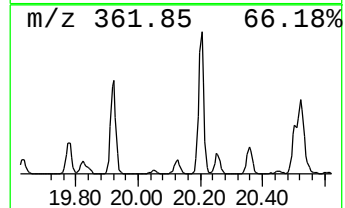
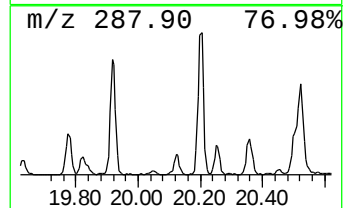
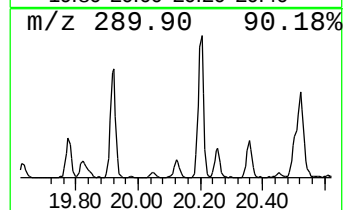
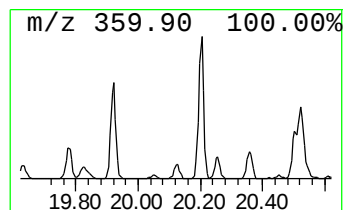
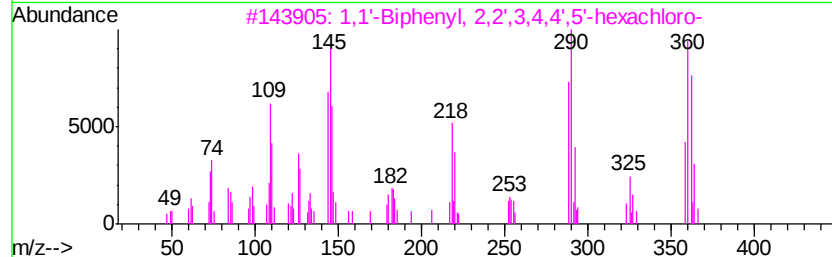
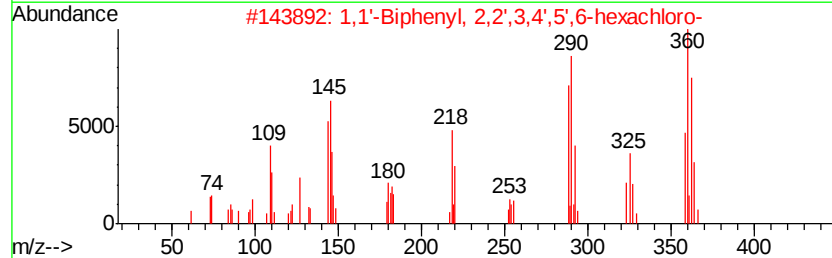
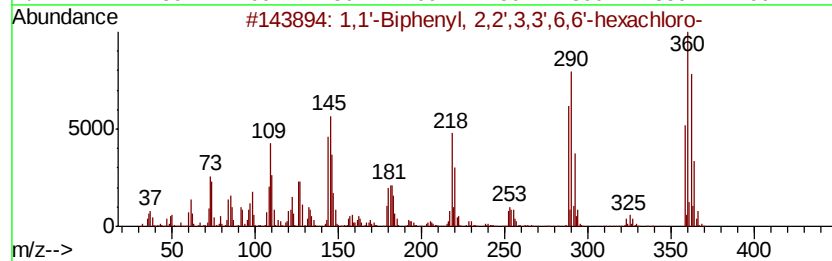
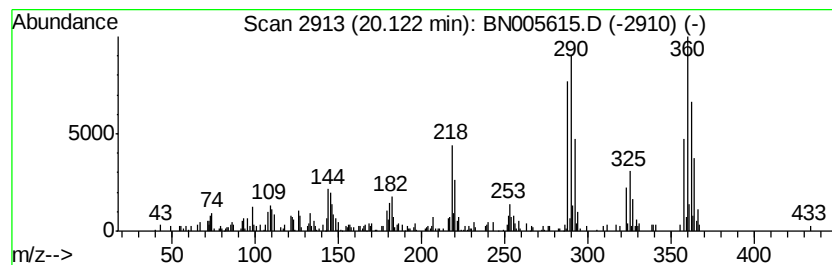
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.05 ng/ul	198797	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	94
2		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	94
3		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	94
4		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	94
5		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005615.D
Acq On : 11 May 2019 07:12
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Sample : K2613-08
Misc :
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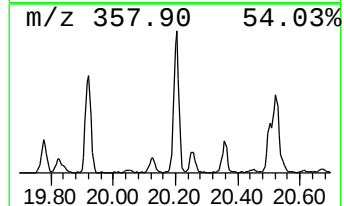
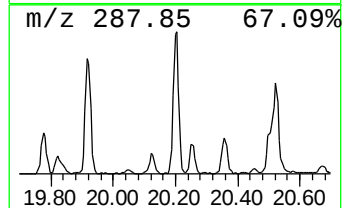
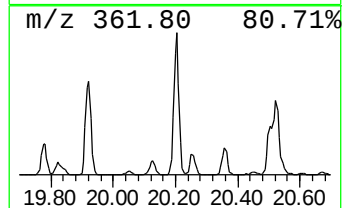
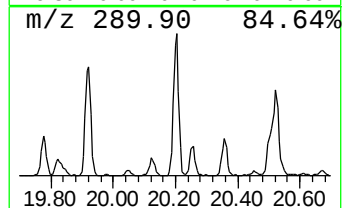
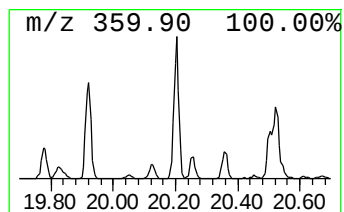
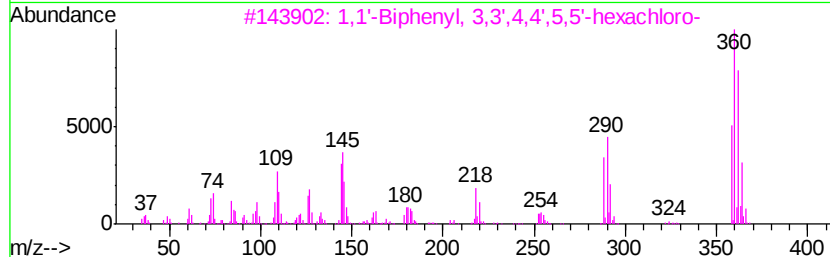
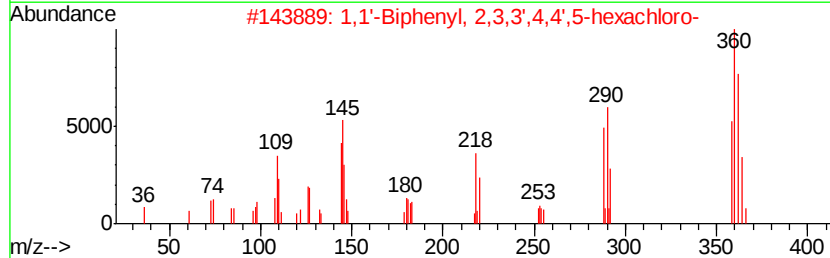
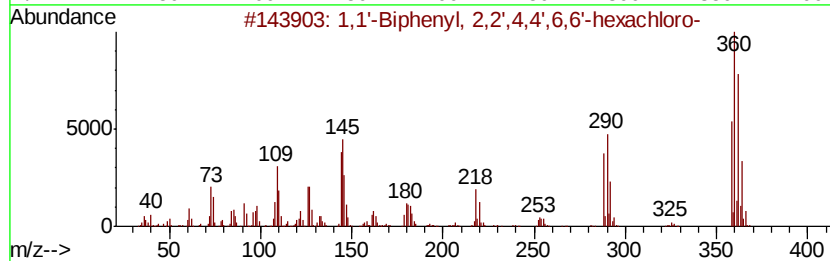
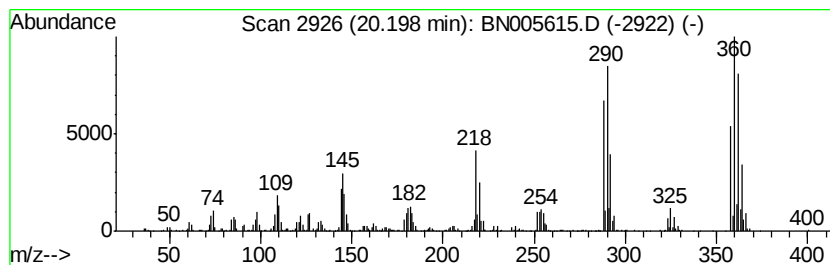
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	16.19 ng/ul	1569120	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
5		1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96



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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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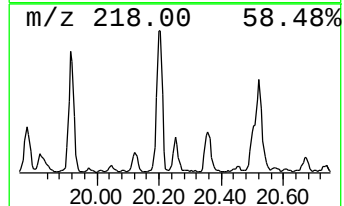
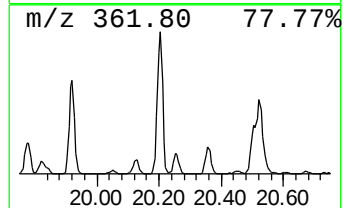
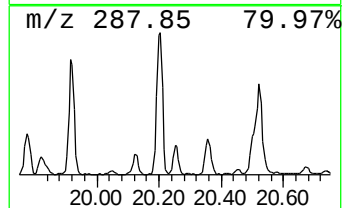
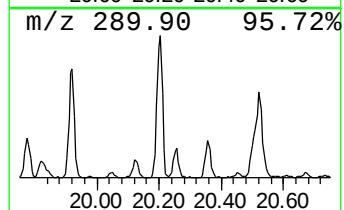
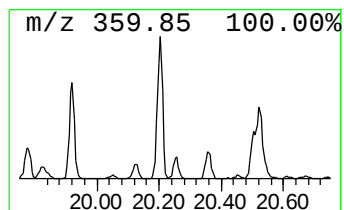
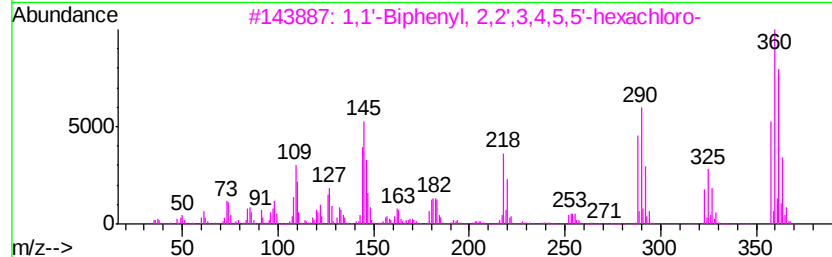
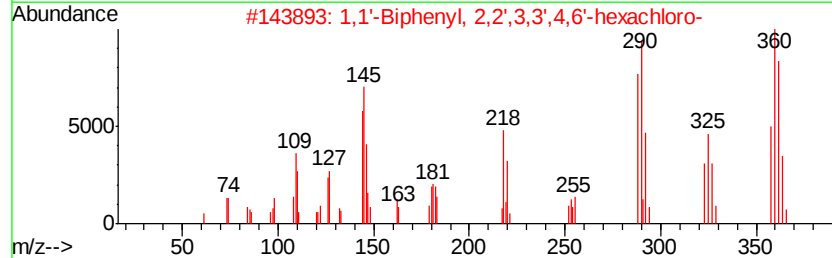
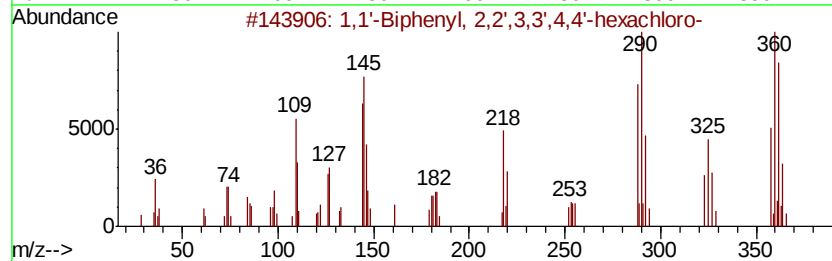
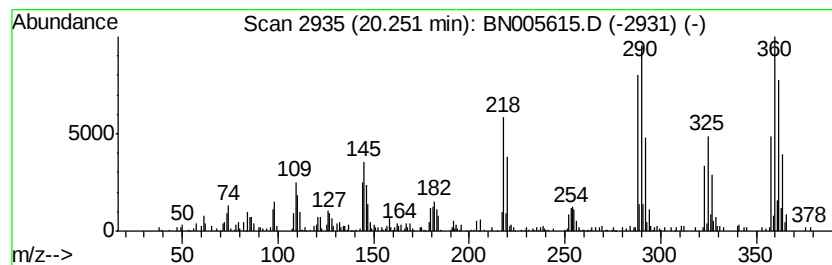
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	3.15 ng/ul	305068	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',4,6'-he...	358	C12H4Cl6	038380-05-1	99
3		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	98
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	98



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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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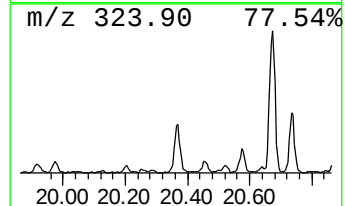
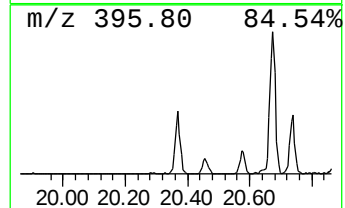
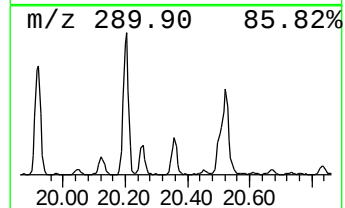
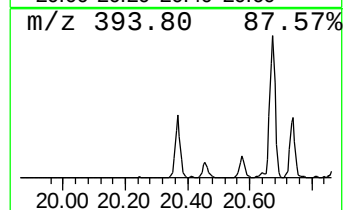
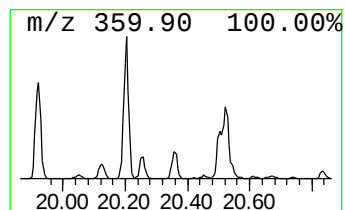
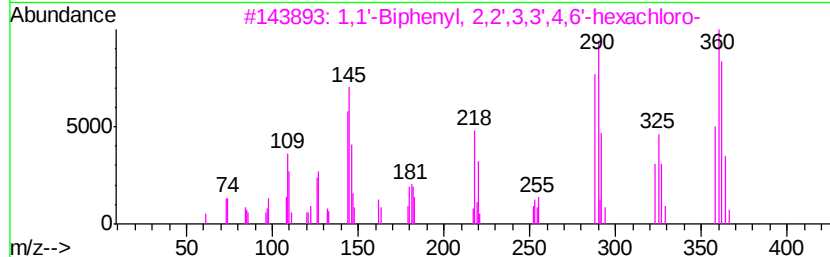
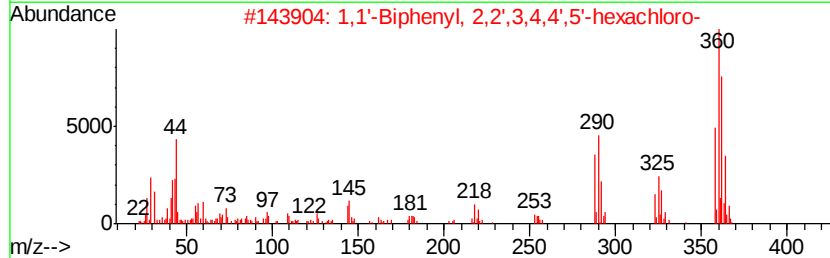
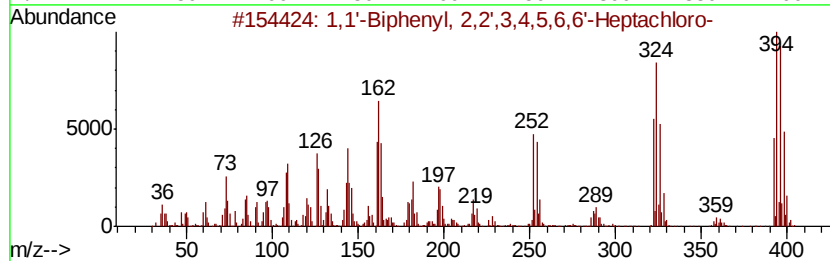
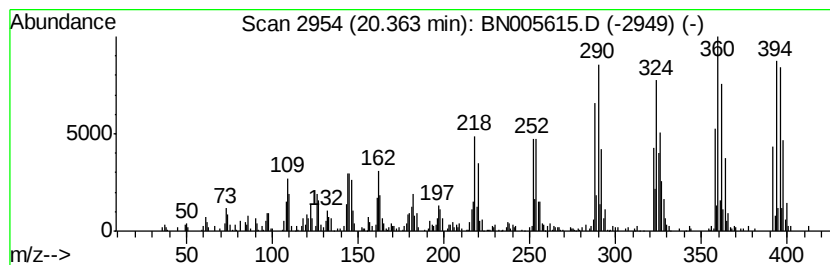
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	7.14 ng/ul	691991	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	97
2		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95
3		1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	95
4		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	95
5		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	93



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Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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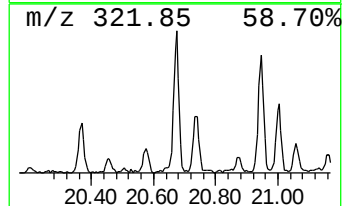
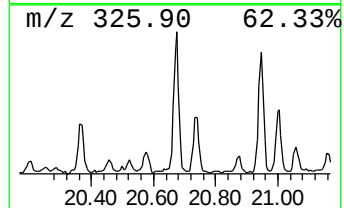
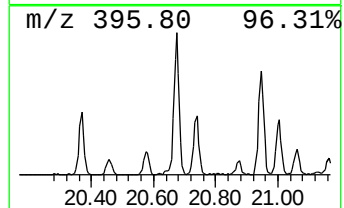
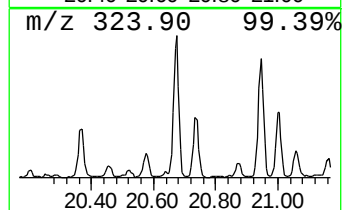
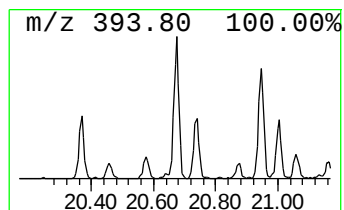
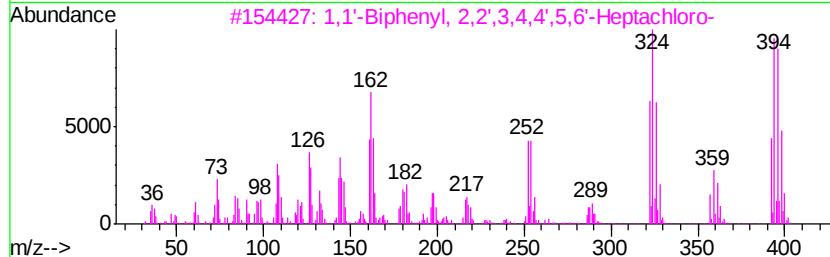
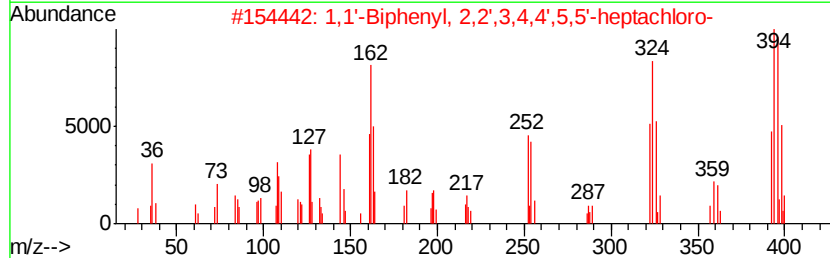
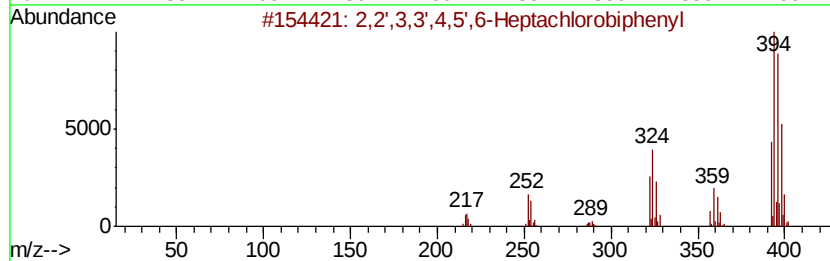
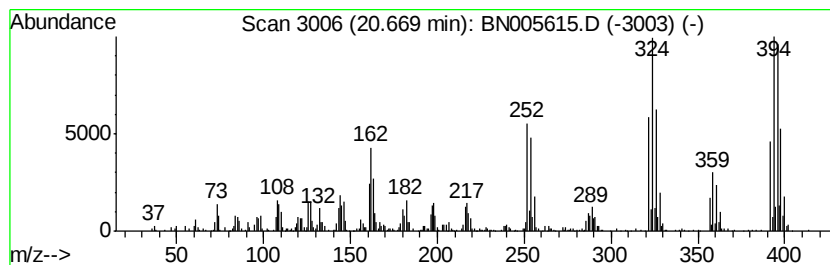
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	9.32 ng/ul	903273	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99
5		1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005615.D
Acq On : 11 May 2019 07:12
Operator : JU/SJ
Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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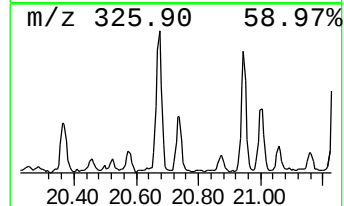
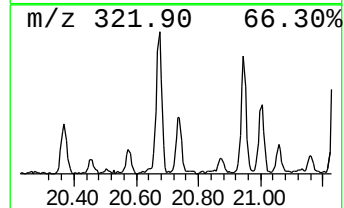
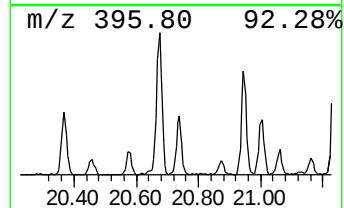
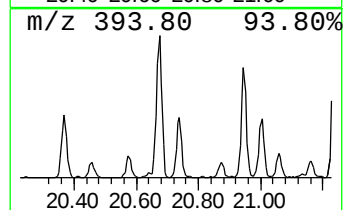
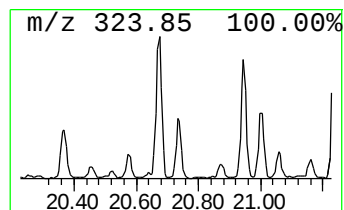
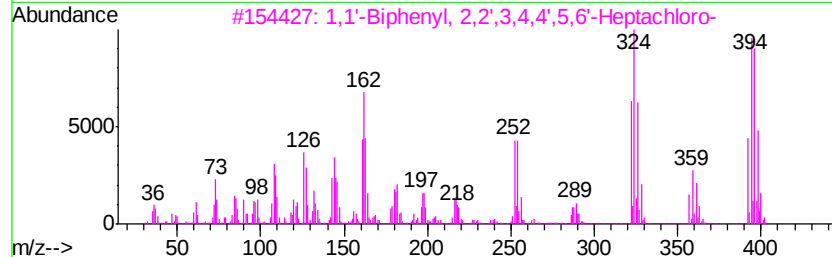
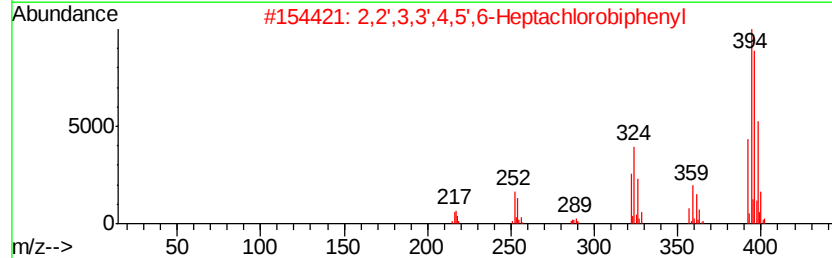
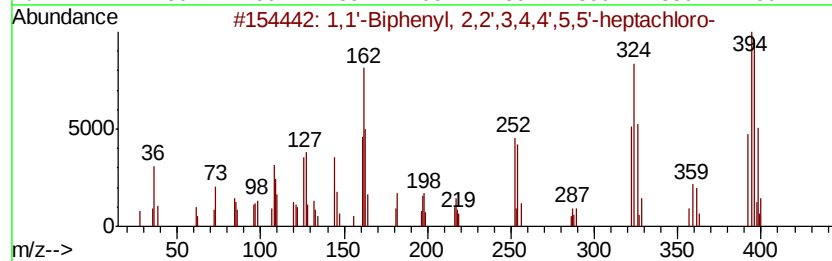
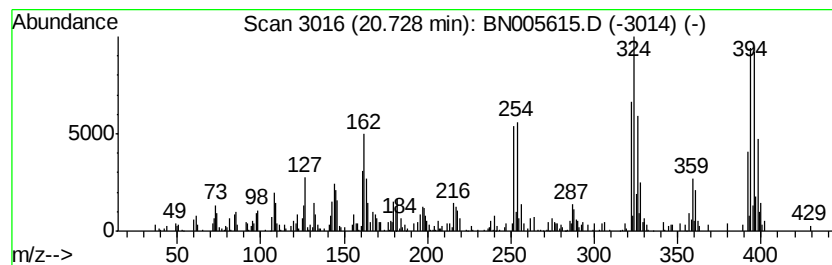
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.35 ng/ul	324266	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	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',5,6'-...		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	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005615.D
Acq On : 11 May 2019 07:12
Operator : JU/SJ
Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

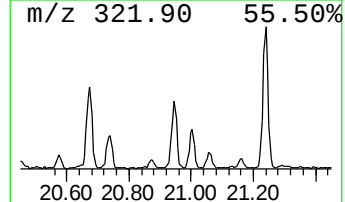
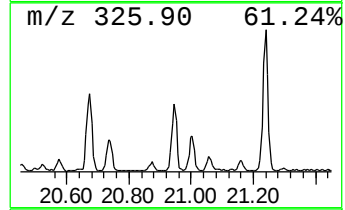
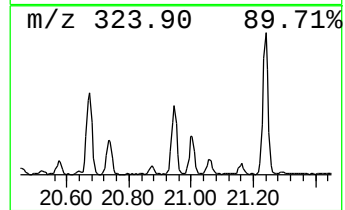
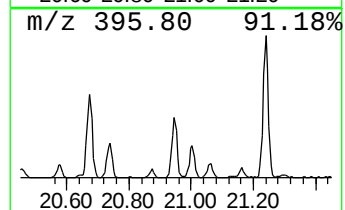
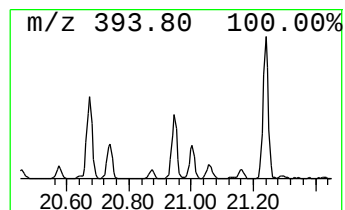
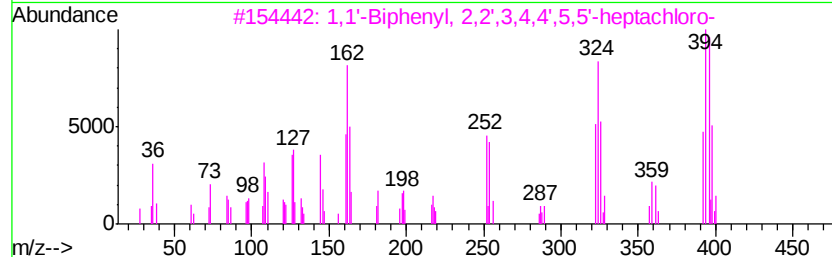
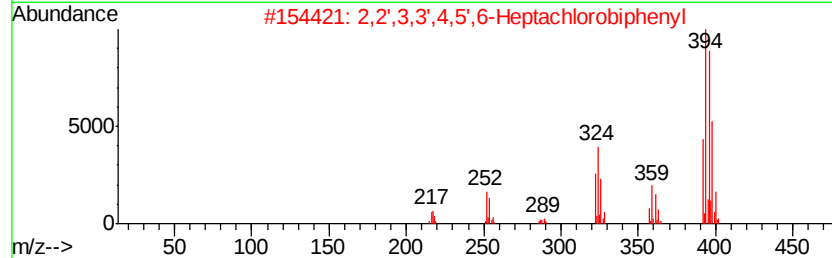
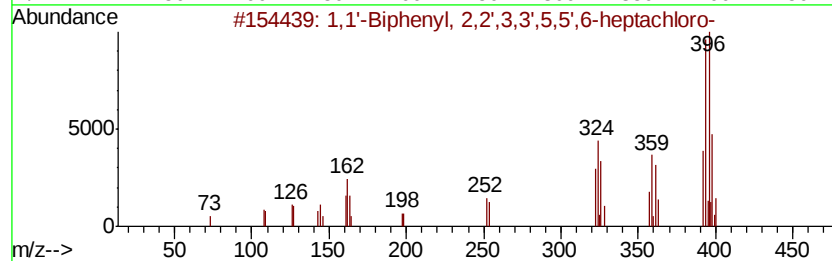
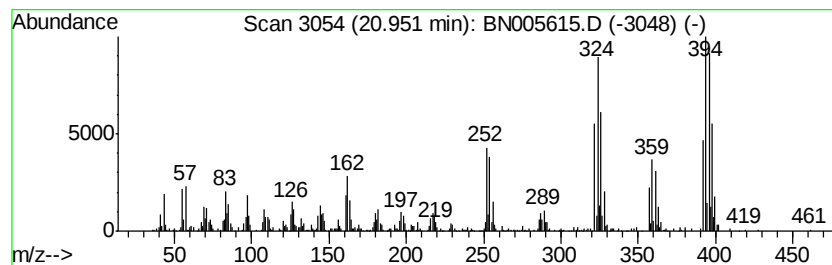
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.95	10.92 ng/ul	1057960	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, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005615.D
Acq On : 11 May 2019 07:12
Operator : JU/SJ
Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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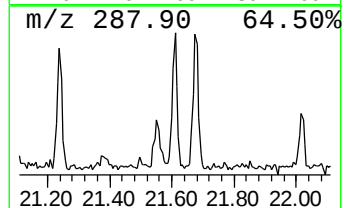
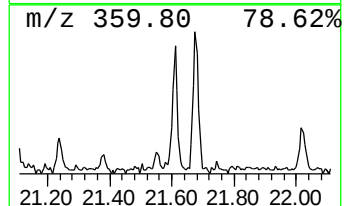
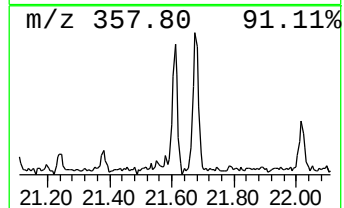
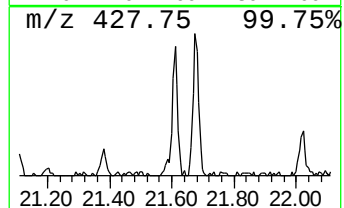
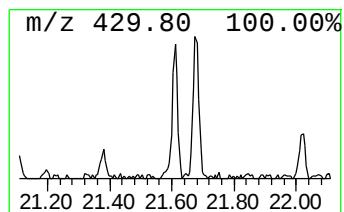
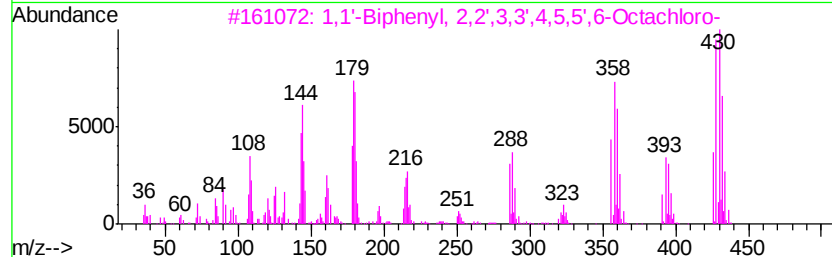
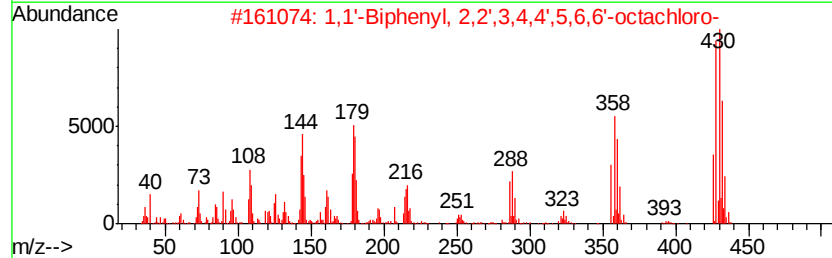
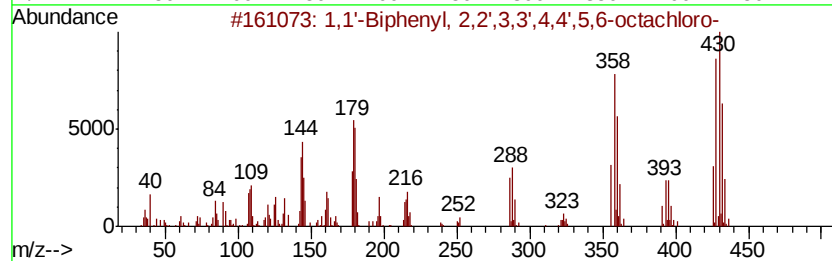
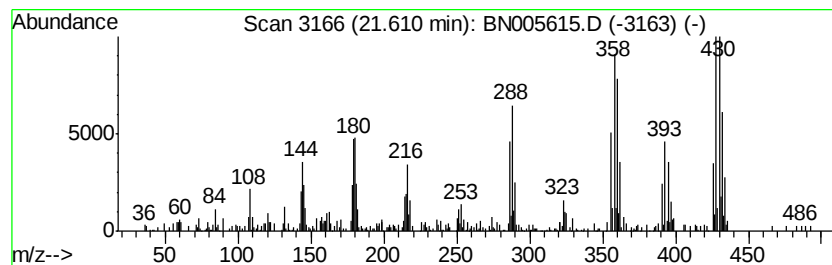
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	3.26 ng/ul	316007	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	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',4,5,5',...	426	C12H2Cl8	068194-17-2	99
4		1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99
5		1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Operator : JU/SJ
Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

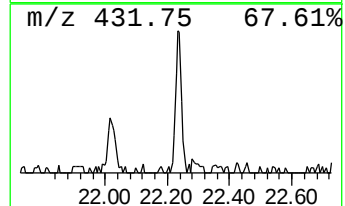
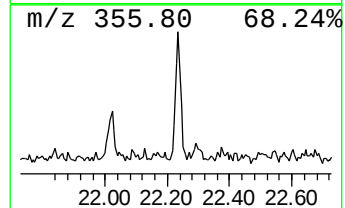
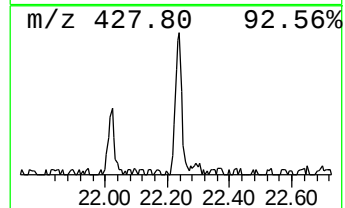
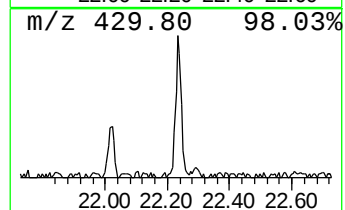
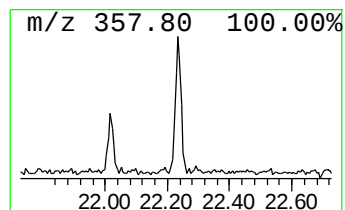
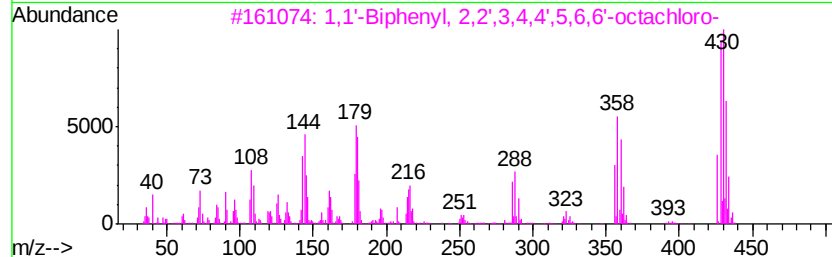
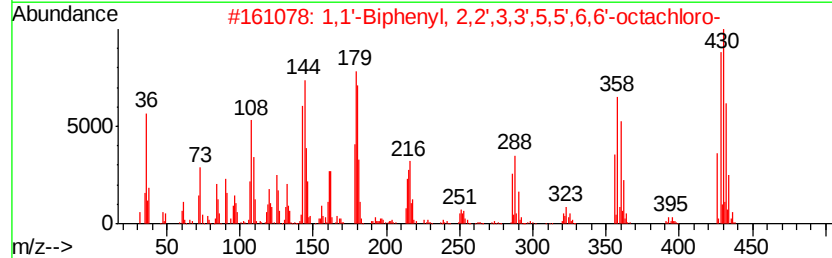
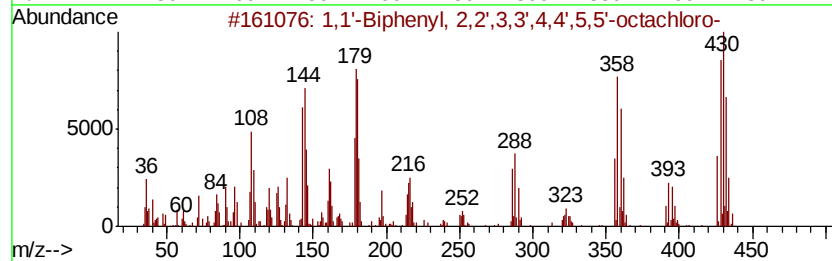
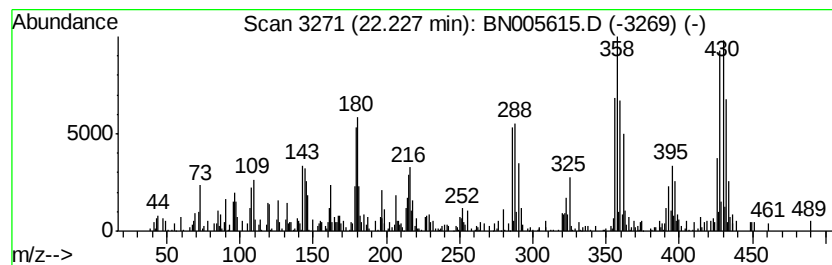
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.23	2.30 ng/ul	222609	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	035694-08-7	99
2	1,1'-Biphenyl	2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	96
3	1,1'-Biphenyl	2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	96
4	1,1'-Biphenyl	2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	94
5	1,1'-Biphenyl	2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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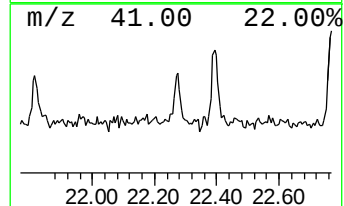
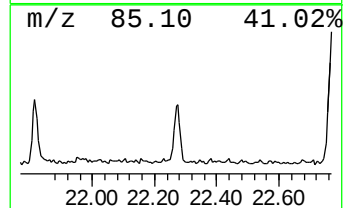
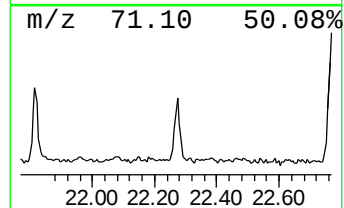
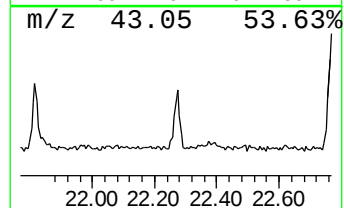
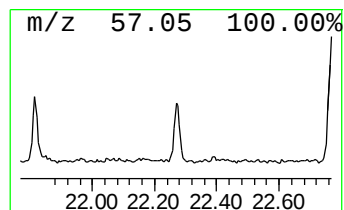
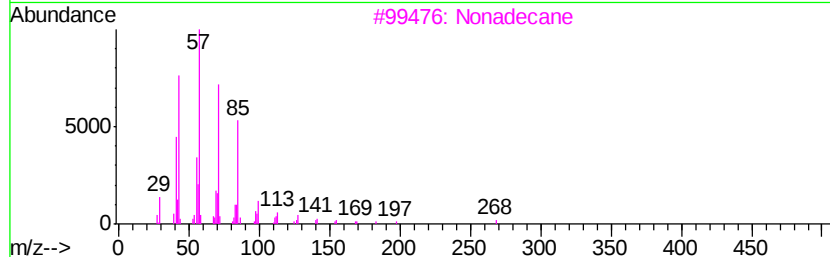
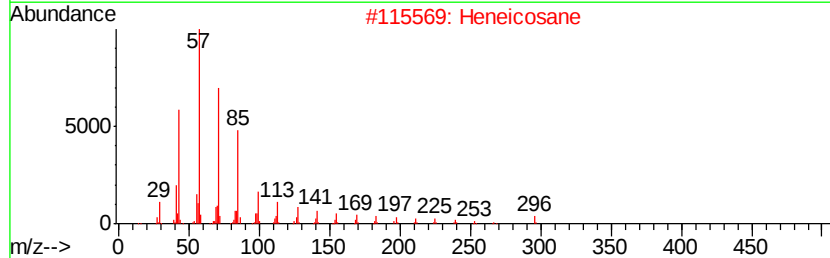
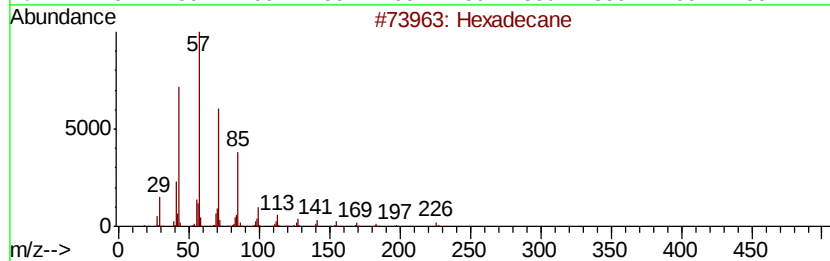
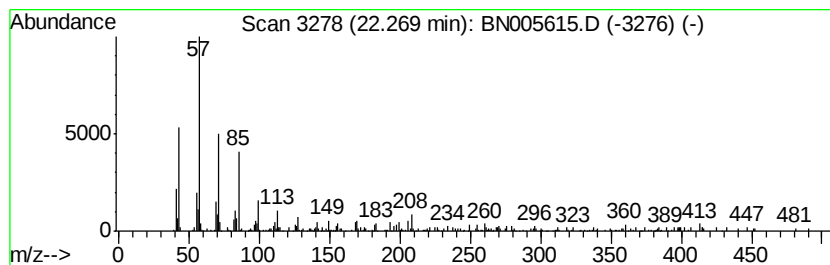
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.41 ng/ul	233453	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heneicosane	296	C21H44	000629-94-7	89
3			Nonadecane	268	C19H40	000629-92-5	76
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	76
5			Heneicosane	296	C21H44	000629-94-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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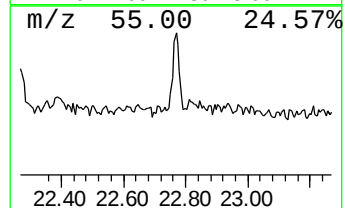
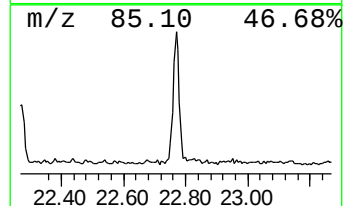
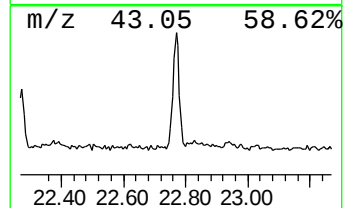
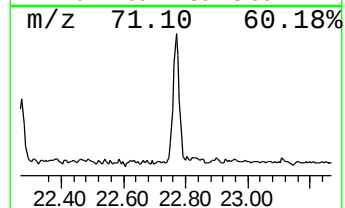
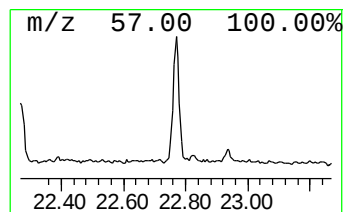
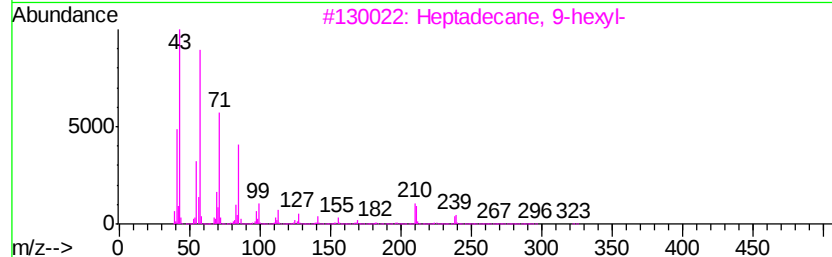
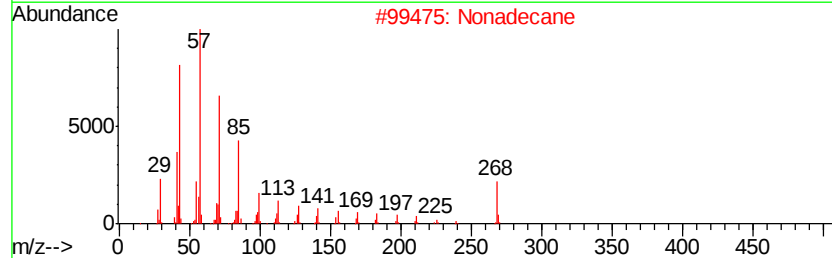
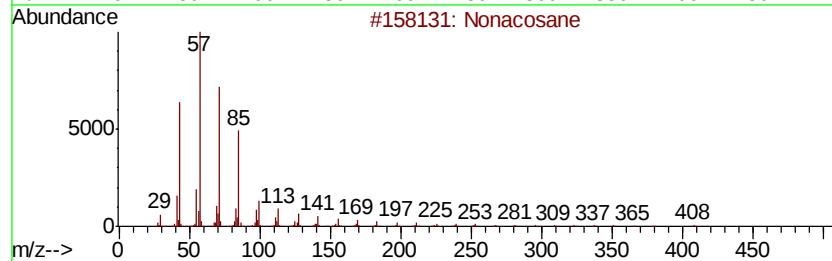
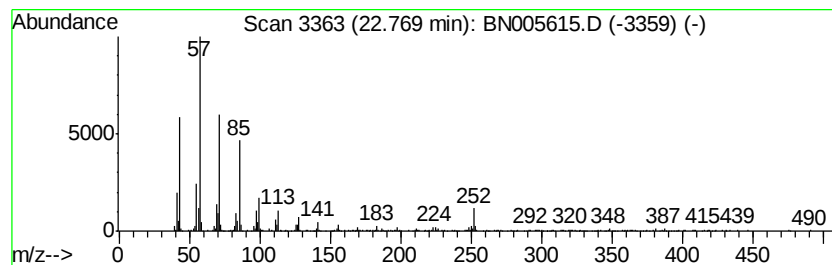
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	4.80 ng/ul	423264	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosane	408	C29H60	000630-03-5	96
2			Nonadecane	268	C19H40	000629-92-5	90
3			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4			Nonacosane	408	C29H60	000630-03-5	89
5			Nonacosane	408	C29H60	000630-03-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005615.D
Acq On : 11 May 2019 07:12
Operator : JU/SJ
Sample : K2613-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH50

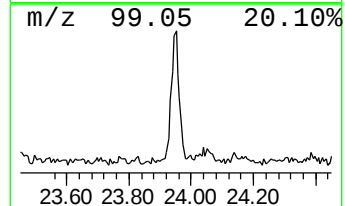
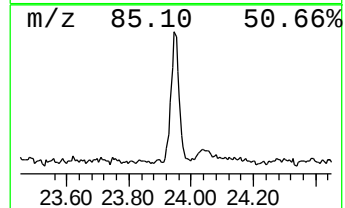
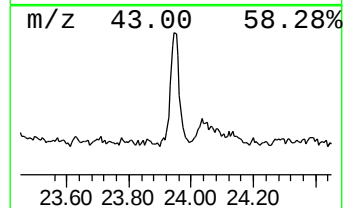
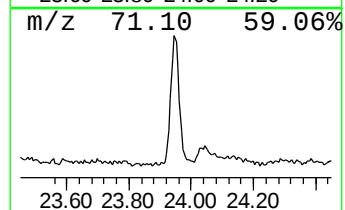
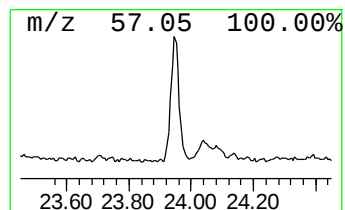
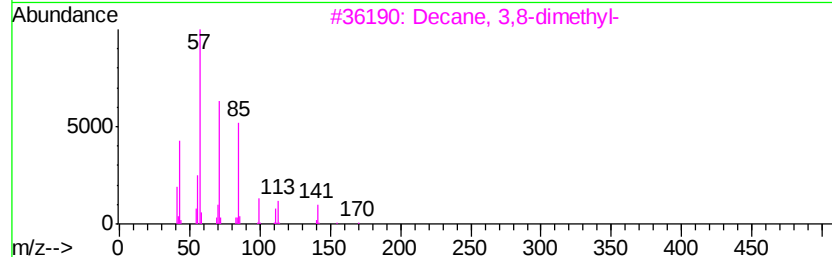
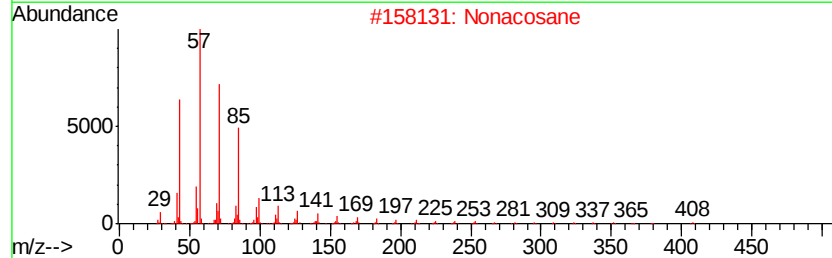
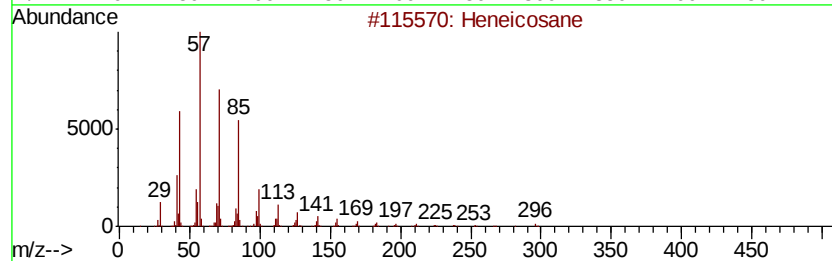
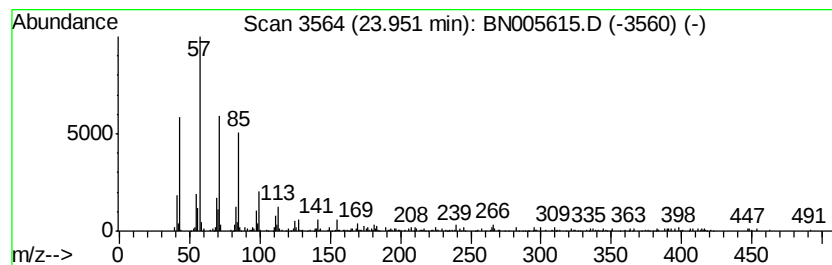
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	4.74 ng/ul	417852	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Nonacosane	408	C29H60	000630-03-5	91
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
4			Eicosane	282	C20H42	000112-95-8	81
5			Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005615.D
 Acq On : 11 May 2019 07:12
 Operator : JU/SJ
 Sample : K2613-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH50

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	17.89	3.9	ng/ul	483292	4	16.97	2489950	20.0
1,1'-Biphenyl, 2,...	19.20	5.3	ng/ul	516460	5	21.21	1937960	20.0
1,1'-Biphenyl, 3,...	19.77	4.8	ng/ul	468975	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	19.82	2.6	ng/ul	255415	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	19.92	12.7	ng/ul	1230790	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	20.12	2.0	ng/ul	198797	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	20.20	16.2	ng/ul	1569120	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	20.25	3.1	ng/ul	305068	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	20.36	7.1	ng/ul	691991	5	21.21	1937960	20.0
2,2',3,3',4,5',6-...	20.67	9.3	ng/ul	903273	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	20.73	3.4	ng/ul	324266	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	20.95	10.9	ng/ul	1057960	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	21.61	3.3	ng/ul	316007	5	21.21	1937960	20.0
1,1'-Biphenyl, 2,...	22.23	2.3	ng/ul	222609	5	21.21	1937960	20.0
(DEL) Alkane: Str...	22.27	2.4	ng/ul	233453	5	21.21	1937960	20.0
(DEL) Alkane: Str...	22.77	4.8	ng/ul	423264	6	23.42	1763510	20.0
(DEL) Alkane: Str...	23.95	4.7	ng/ul	417852	6	23.42	1763510	20.0