

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
 Data File : BN005473.D
 Acq On : 04 May 2019 04:09
 Operator : JU/SJ
 Sample : K2602-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHK9

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	3.705	117	122	127	rBV	131322	173985	0.81%	0.059%
2	6.775	637	644	656	rVB	657782	1128021	5.23%	0.383%
3	6.934	666	671	687	rVB	554935	914123	4.23%	0.310%
4	7.128	698	704	717	rBV	725600	1165726	5.40%	0.395%
5	7.587	775	782	791	rBV	1140337	1851589	8.58%	0.628%
6	8.116	865	872	880	rBV	92121	164175	0.76%	0.056%
7	8.293	895	902	913	rBV	387541	700675	3.25%	0.238%
8	8.734	970	977	987	rBV	705456	1203743	5.58%	0.408%
9	9.446	1091	1098	1113	rBV	579616	1004725	4.65%	0.341%
10	9.981	1181	1189	1204	rBV	723730	1379509	6.39%	0.468%
11	10.352	1245	1252	1258	rBV	1516522	2553847	11.83%	0.866%
12	10.493	1269	1276	1295	rVV	393937	855500	3.96%	0.290%
13	13.640	1805	1811	1815	rBV	1507538	2098195	9.72%	0.712%
14	13.687	1815	1819	1831	rVB	600062	851790	3.95%	0.289%
15	13.910	1847	1857	1868	rBV	1755525	2699397	12.50%	0.915%
16	14.222	1900	1910	1918	rBV2	2002384	3129400	14.50%	1.061%
17	14.445	1943	1948	1967	rBV	200203	558635	2.59%	0.189%
18	15.222	2074	2080	2087	rBV	2134837	3124808	14.47%	1.060%
19	15.363	2099	2104	2115	rVB	235338	401325	1.86%	0.136%
20	16.634	2316	2320	2328	rVB	93408	147011	0.68%	0.050%
21	16.798	2344	2348	2358	rVB	69981	137414	0.64%	0.047%
22	16.981	2372	2379	2382	rBV	2353877	3516209	16.29%	1.192%
23	17.022	2382	2386	2390	rVB	1177543	1658986	7.68%	0.563%
24	17.075	2390	2395	2400	rBV	2126075	3056809	14.16%	1.037%
25	17.387	2441	2448	2453	rBV	146121	275203	1.27%	0.093%
26	17.563	2474	2478	2487	rVB4	82342	176246	0.82%	0.060%
27	17.857	2523	2528	2531	rBV	227783	312241	1.45%	0.106%
28	17.904	2531	2536	2543	rVV2	853463	1283679	5.95%	0.435%
29	18.051	2555	2561	2565	rBV4	455440	835771	3.87%	0.283%
30	18.086	2565	2567	2576	rVB	211890	327536	1.52%	0.111%
31	18.204	2583	2587	2591	rVV5	89282	169705	0.79%	0.058%
32	18.363	2609	2614	2618	rBV	287603	434158	2.01%	0.147%
33	18.410	2618	2622	2627	rVB	410100	612249	2.84%	0.208%
34	18.616	2654	2657	2661	rVV2	120160	164666	0.76%	0.056%

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35	18.669	2663	2666	2669	rVV	95074	112398	0.52%	0.038%
36	18.786	2682	2686	2691	rBV	169220	269976	1.25%	0.092%
37	18.839	2692	2695	2700	rVB3	106871	137455	0.64%	0.047%
38	18.916	2703	2708	2718	rVB2	2882844	4234045	19.61%	1.436%
39	19.057	2726	2732	2739	rVB	6601660	8956189	41.49%	3.037%
40	19.128	2740	2744	2748	rBV	488466	652455	3.02%	0.221%
41	19.210	2752	2758	2763	rBV	4089938	5340220	24.74%	1.811%
42	19.269	2765	2768	2771	rBV4	185825	225176	1.04%	0.076%
43	19.392	2783	2789	2791	rBV2	3728982	5158372	23.89%	1.749%
44	19.422	2791	2794	2800	rVV	5480806	7138602	33.07%	2.421%
45	19.469	2800	2802	2804	rVV2	178491	197099	0.91%	0.067%
46	19.492	2804	2806	2812	rVB2	243590	328037	1.52%	0.111%
47	19.551	2812	2816	2820	rVB	489683	591812	2.74%	0.201%
48	19.604	2821	2825	2827	rBV	435416	596102	2.76%	0.202%
49	19.633	2827	2830	2832	rVV	2034034	2510292	11.63%	0.851%
50	19.657	2832	2834	2842	rVB2	1777629	2055171	9.52%	0.697%
51	19.786	2844	2856	2860	rBV2	4885844	7265432	33.66%	2.464%
52	19.828	2860	2863	2870	rVV	2044466	3391108	15.71%	1.150%
53	19.886	2870	2873	2875	rVV3	281796	405672	1.88%	0.138%
54	19.928	2875	2880	2885	rVV	12961275	16241788	75.24%	5.508%
55	19.975	2885	2888	2894	rVB	486212	593547	2.75%	0.201%
56	20.051	2898	2901	2904	rVV	601984	803882	3.72%	0.273%
57	20.086	2904	2907	2910	rVV2	508801	729482	3.38%	0.247%
58	20.128	2910	2914	2919	rVV	2261520	2746228	12.72%	0.931%
59	20.169	2919	2921	2923	rVV	128257	129268	0.60%	0.044%
60	20.216	2923	2929	2933	rVV	14111519	17857336	82.72%	6.056%
61	20.263	2933	2937	2949	rVB2	3958247	4980416	23.07%	1.689%
62	20.369	2949	2955	2961	rBV2	5788066	8886640	41.17%	3.014%
63	20.463	2966	2971	2974	rBV2	1206813	1567732	7.26%	0.532%
64	20.533	2974	2983	2988	rVV	8516669	16369702	75.83%	5.551%
65	20.580	2988	2991	2995	rVV2	1683949	1957532	9.07%	0.664%
66	20.645	2999	3002	3004	rVV	277443	349753	1.62%	0.119%
67	20.680	3004	3008	3014	rVB2	10106022	12187583	56.46%	4.133%
68	20.745	3014	3019	3023	rBV	4025823	4795013	22.21%	1.626%
69	20.839	3030	3035	3039	rBV3	1567425	2457208	11.38%	0.833%
70	20.880	3039	3042	3047	rVB2	1062096	1578368	7.31%	0.535%
71	20.951	3047	3054	3058	rBV3	8464335	11177096	51.78%	3.790%

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72	21.010	3058	3064	3070	rVB2	4545358	7073913	32.77%	2.399%
73	21.069	3070	3074	3077	rBV	1798884	2347020	10.87%	0.796%
74	21.169	3087	3091	3093	rBV2	1016240	1248118	5.78%	0.423%
75	21.204	3093	3097	3101	rVV3	4747688	9210574	42.67%	3.123%
76	21.251	3101	3105	3111	rVB	16632504	21587742	100.00%	7.321%
77	21.386	3124	3128	3132	rVB4	622796	753295	3.49%	0.255%
78	21.557	3148	3157	3163	rBV3	6648689	10141730	46.98%	3.439%
79	21.616	3163	3167	3172	rVB	3319464	3988459	18.48%	1.353%
80	21.680	3174	3178	3183	rBV	3458849	4316124	19.99%	1.464%
81	21.763	3189	3192	3196	rVB	476339	579105	2.68%	0.196%
82	21.822	3198	3202	3206	rVV3	613162	757420	3.51%	0.257%
83	22.022	3232	3236	3240	rBV2	1222466	1422536	6.59%	0.482%
84	22.239	3268	3273	3277	rBV	2974187	4168542	19.31%	1.414%
85	22.280	3277	3280	3288	rVB	543506	816879	3.78%	0.277%
86	22.580	3327	3331	3334	rBV3	355042	492934	2.28%	0.167%
87	22.622	3336	3338	3343	rVB4	343576	479110	2.22%	0.162%
88	22.680	3344	3348	3354	rVB	550217	758850	3.52%	0.257%
89	22.769	3356	3363	3368	rBV2	3385902	8108114	37.56%	2.750%
90	22.927	3387	3390	3396	rVB	371914	526797	2.44%	0.179%
91	23.227	3436	3441	3445	rBV	1372708	2373013	10.99%	0.805%
92	23.280	3445	3450	3453	rVV2	1429658	2547733	11.80%	0.864%
93	23.322	3453	3457	3465	rVB2	2275783	3962461	18.36%	1.344%
94	23.416	3467	3473	3478	rBV	1986567	3548876	16.44%	1.203%
95	23.957	3561	3565	3573	rVB	788546	1466236	6.79%	0.497%
96	24.039	3575	3579	3589	rVV2	585120	1311750	6.08%	0.445%
97	25.110	3757	3761	3772	rVB3	871895	2065145	9.57%	0.700%
98	25.598	3839	3844	3850	rVB2	622610	1408503	6.52%	0.478%
99	25.674	3852	3857	3868	rVB3	521725	1358690	6.29%	0.461%
100	26.057	3917	3922	3934	rVB2	752922	2026587	9.39%	0.687%

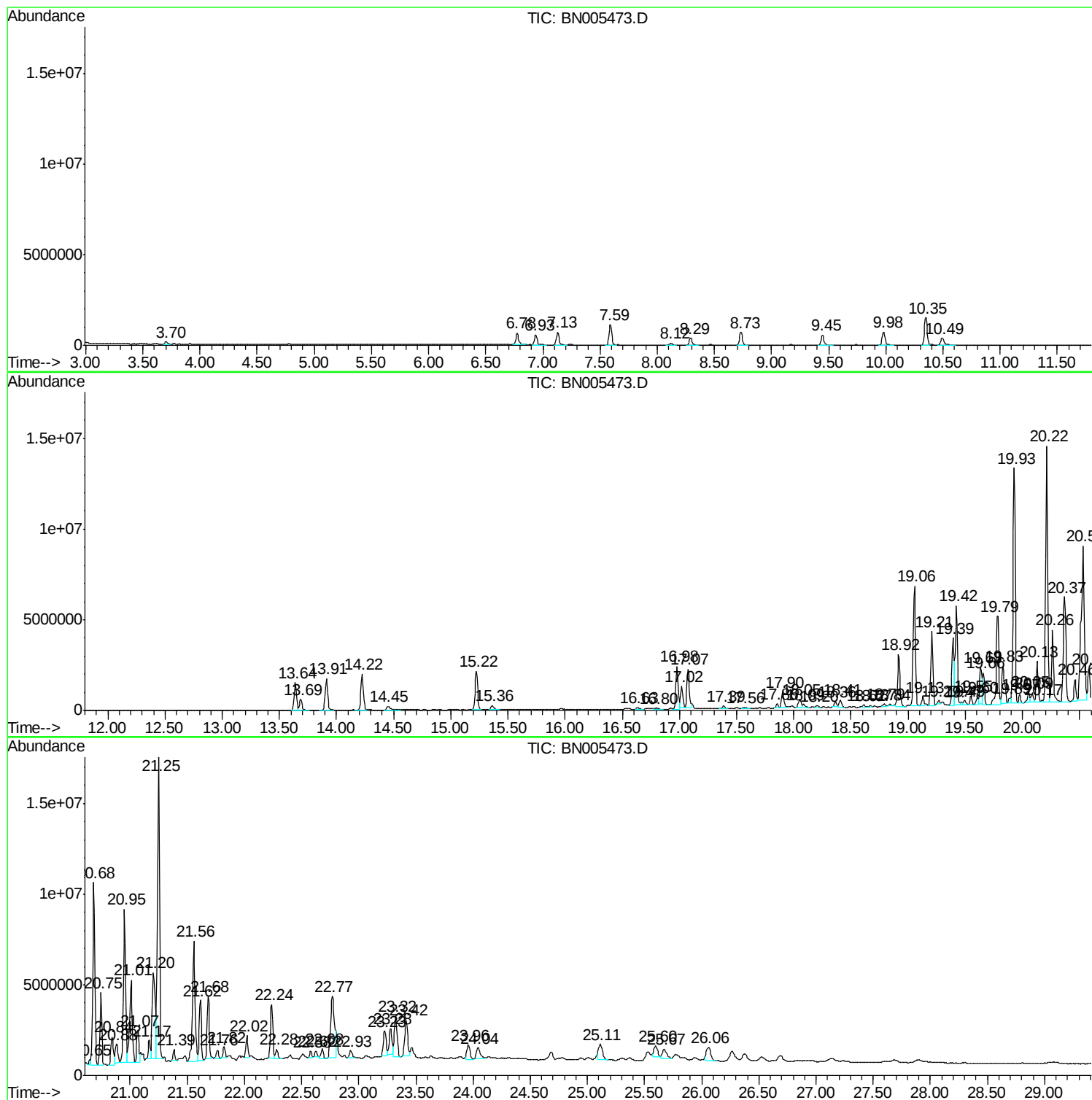
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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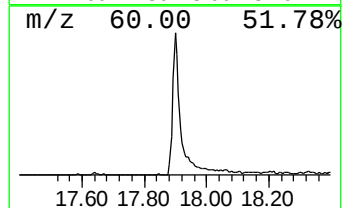
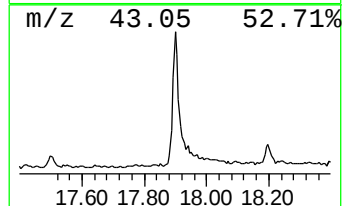
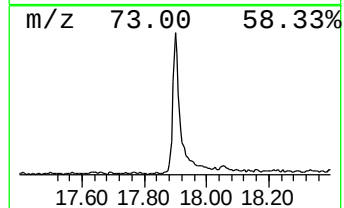
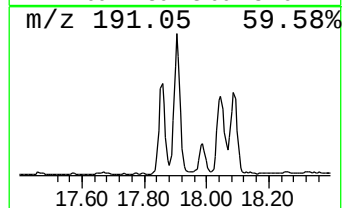
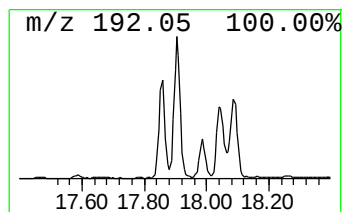
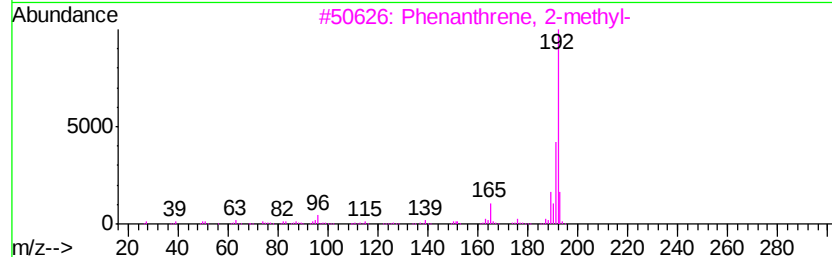
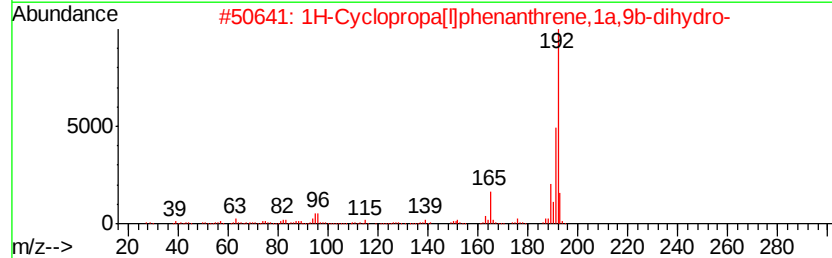
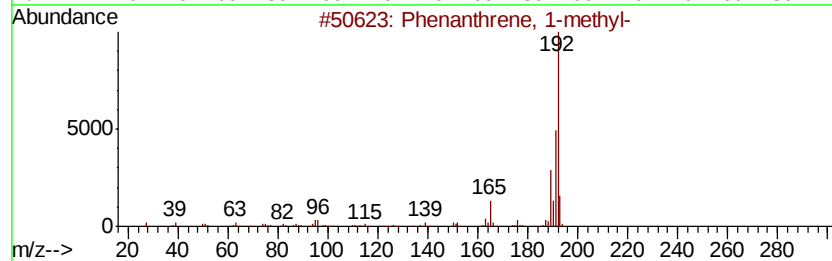
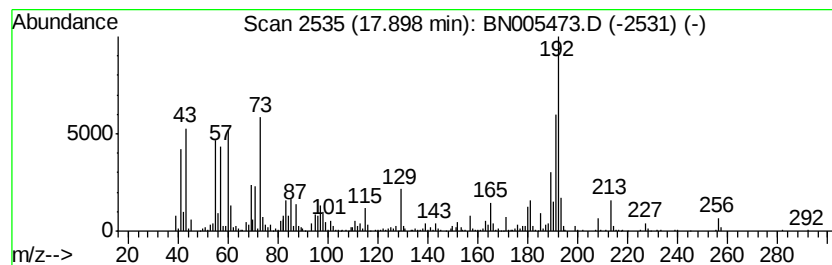
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.90	7.30 ng/ul	1283680	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



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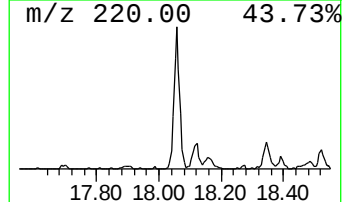
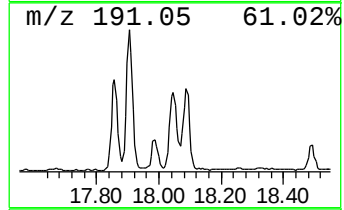
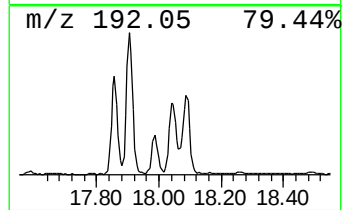
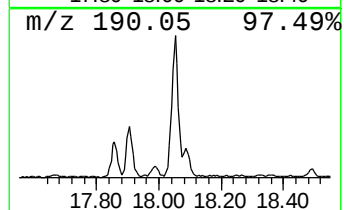
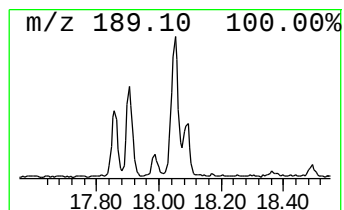
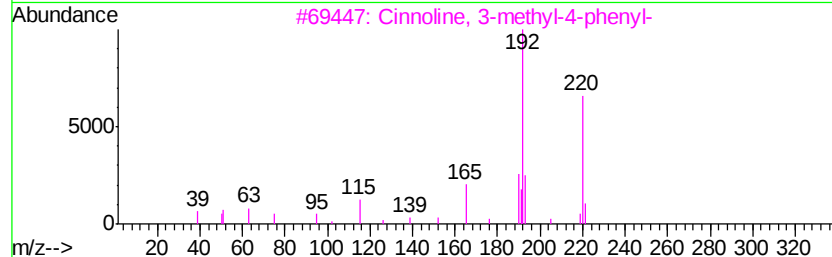
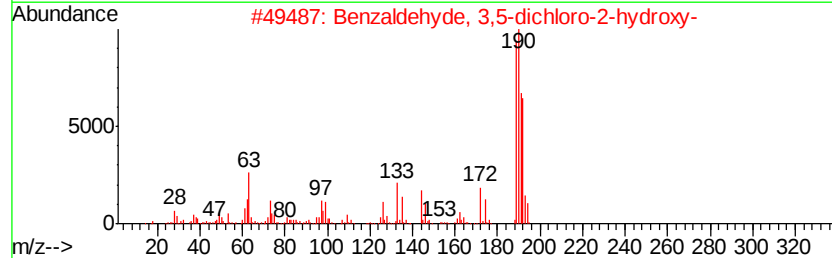
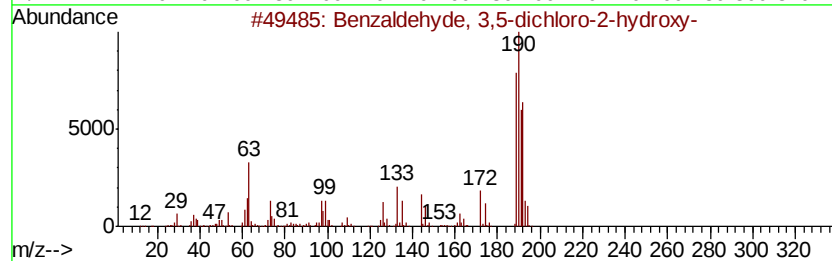
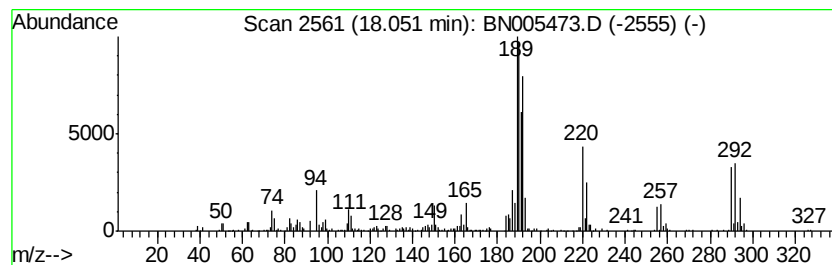
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD			R.T.	
18.05	4.75 ng/ul	835771	Phenanthrene-d10			16.98	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
3			Cinnoline, 3-methyl-4-phenyl-	220	C15H12N2	021039-71-4	51
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35



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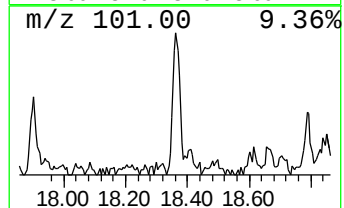
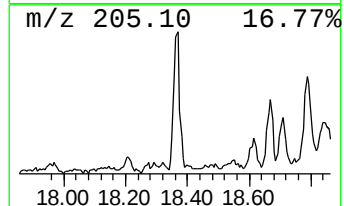
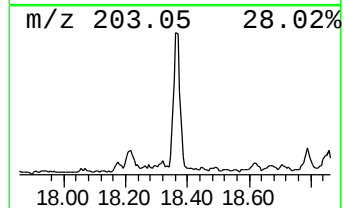
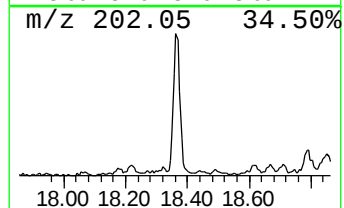
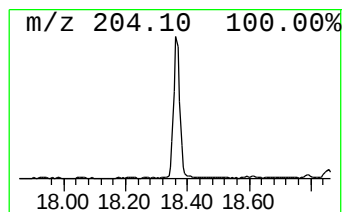
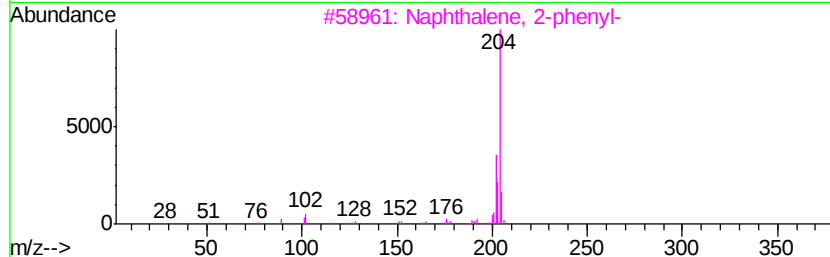
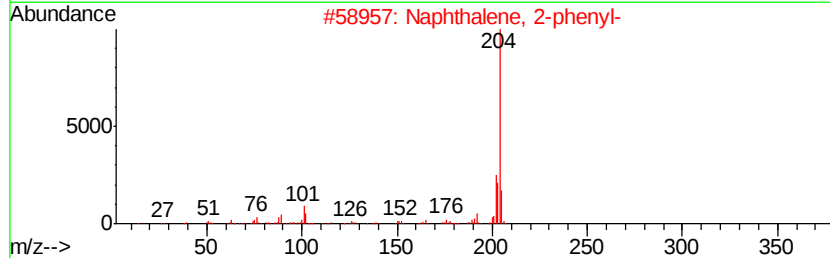
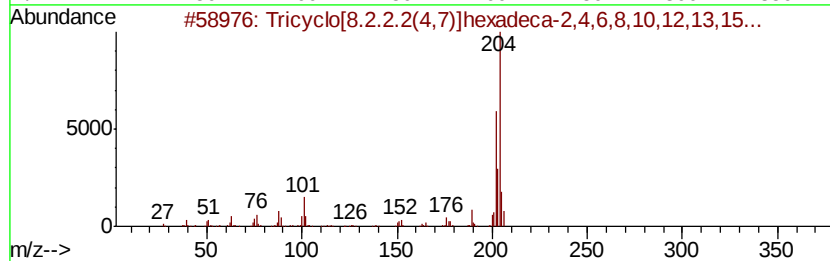
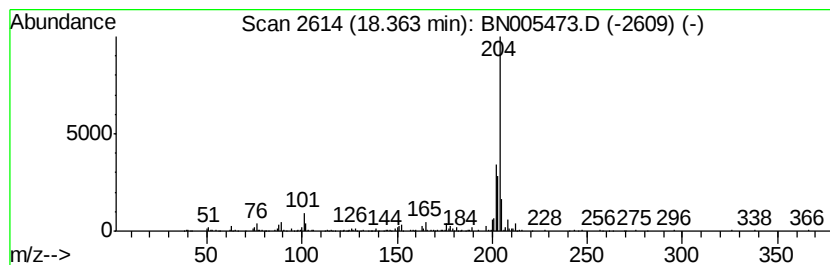
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.47 ng/ul	434158	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHK9

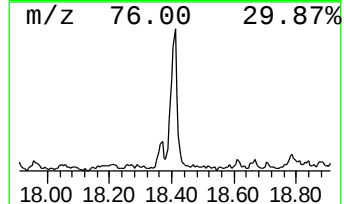
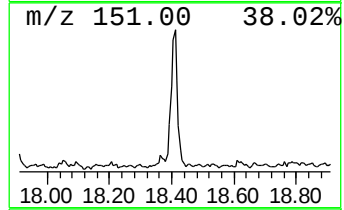
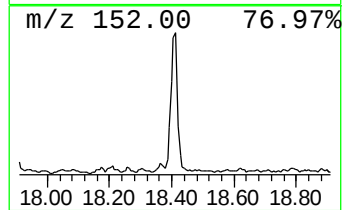
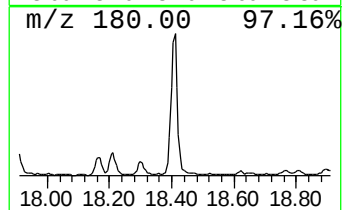
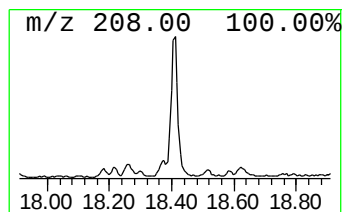
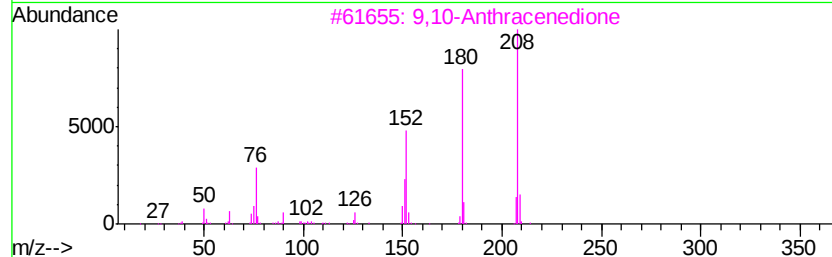
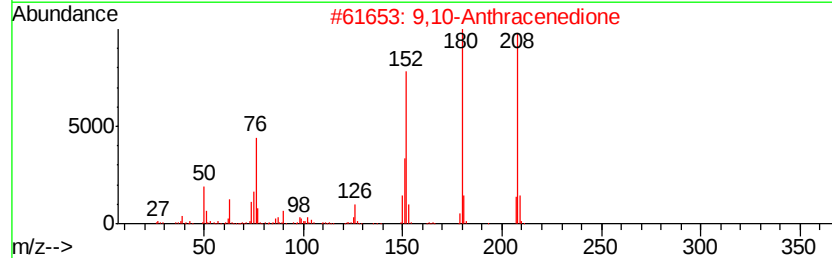
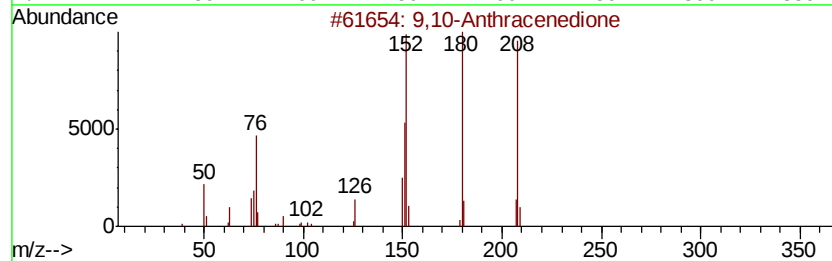
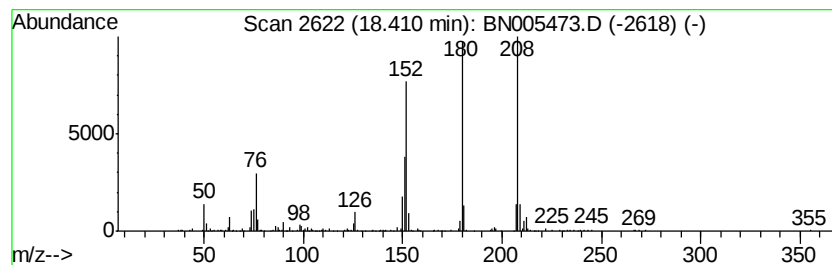
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.48 ng/ul	612249	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	70
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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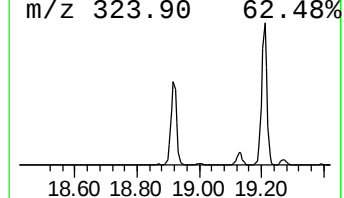
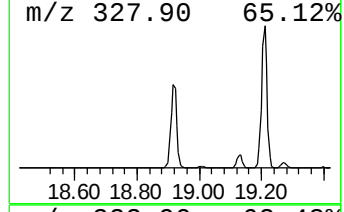
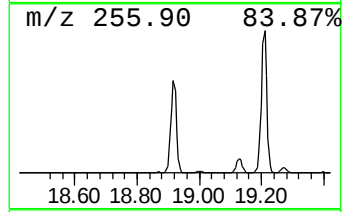
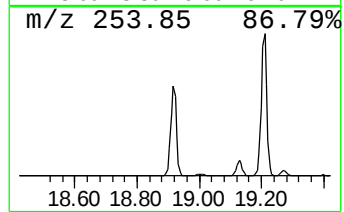
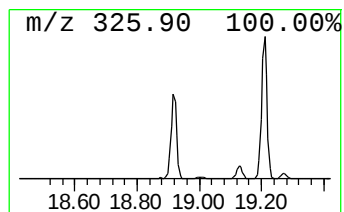
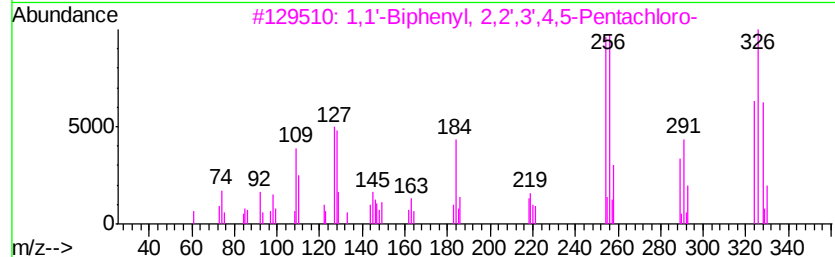
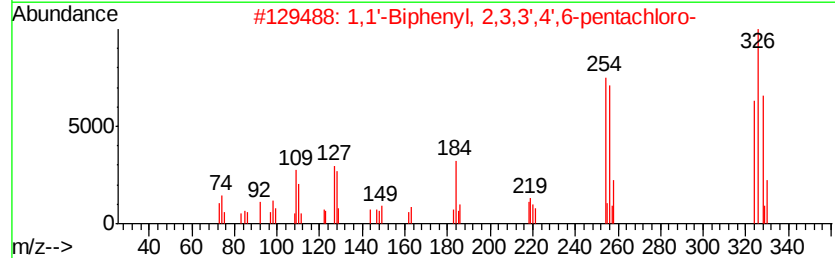
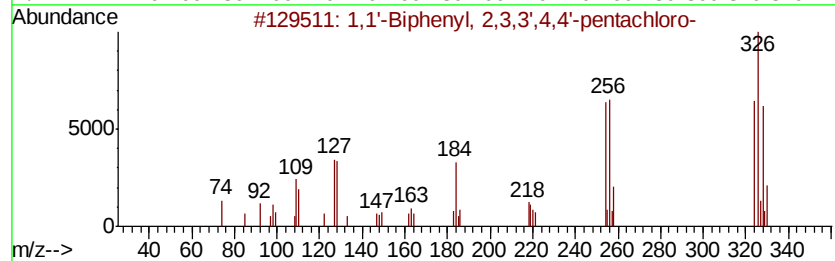
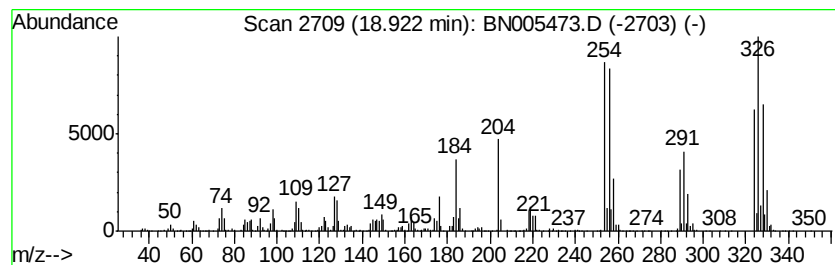
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	24.08 ng/ul	4234050	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'	-Biphenyl	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'	-Biphenyl	2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'	-Biphenyl	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'	-Biphenyl	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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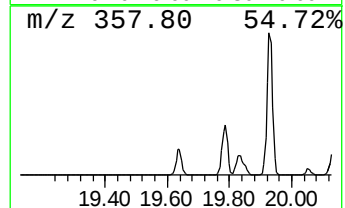
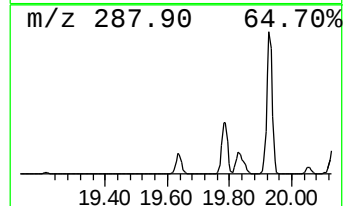
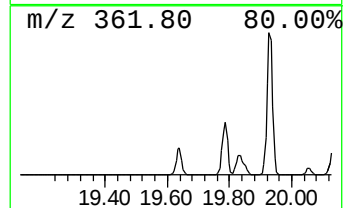
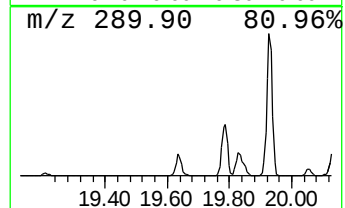
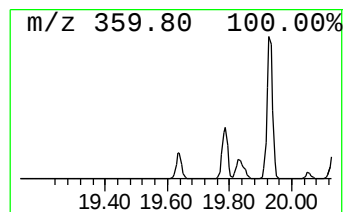
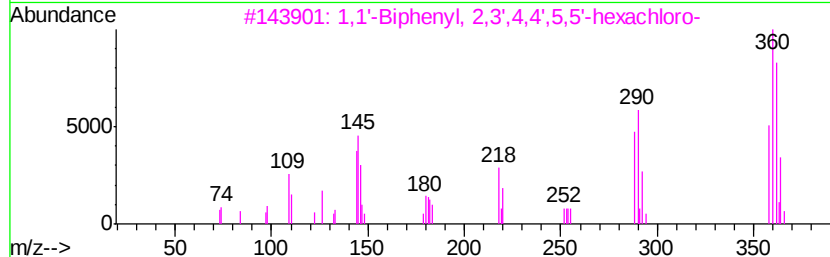
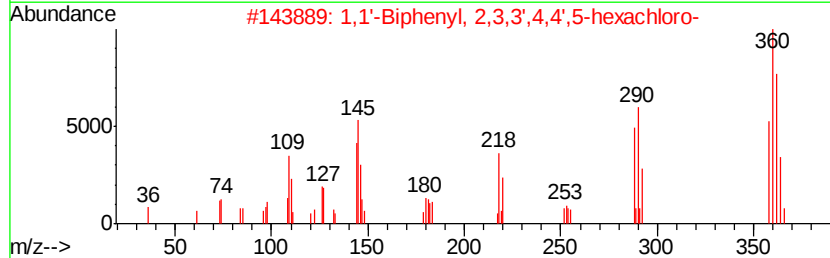
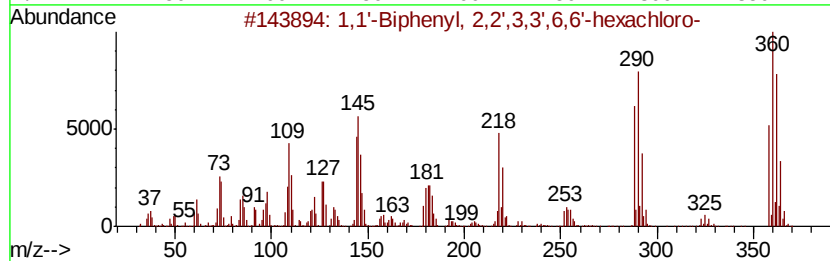
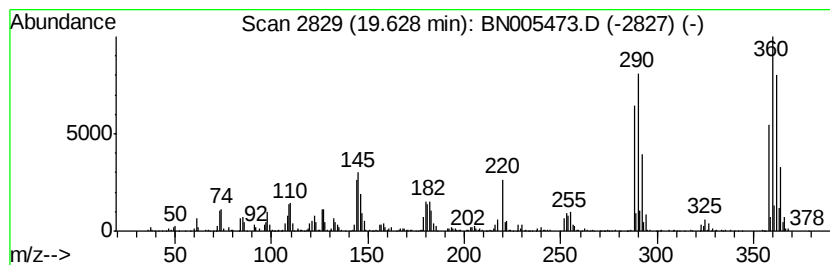
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	5.45 ng/ul	2510290	Chrysene-d12	21.22

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, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
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Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

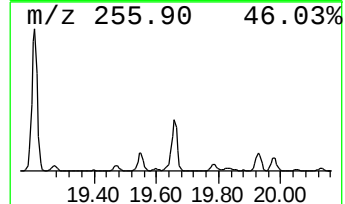
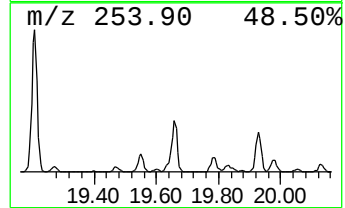
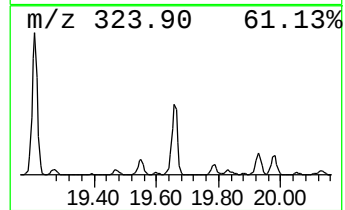
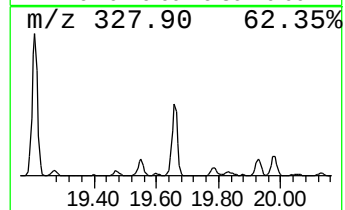
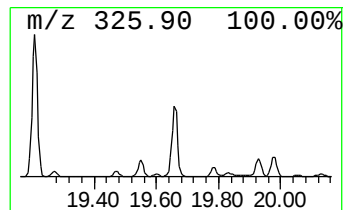
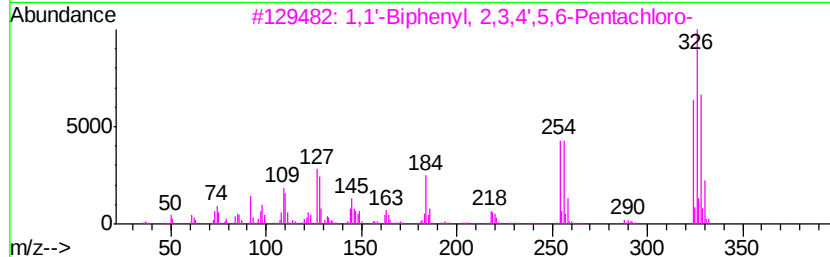
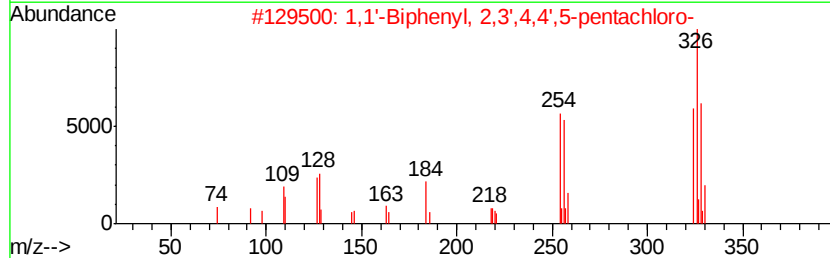
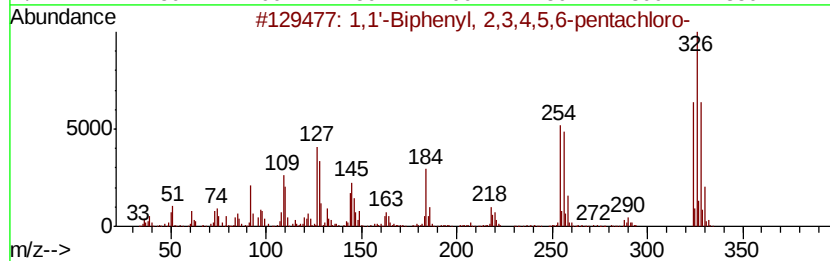
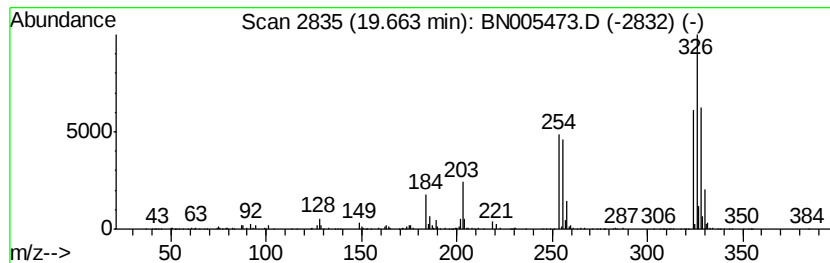
Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,3,4,5,6-pe... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.66	4.46 ng/ul	2055170	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95
2	1,1'	-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
3	1,1'	-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	95
4	1,1'	-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	94
5	1,1'	-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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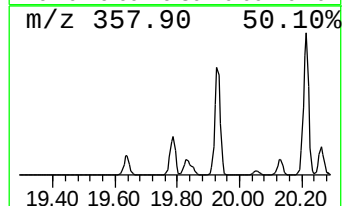
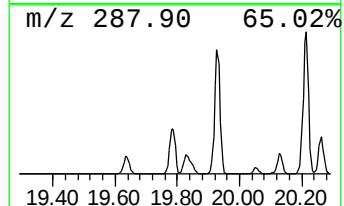
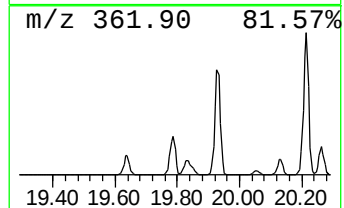
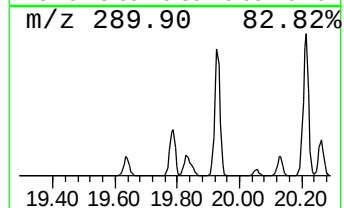
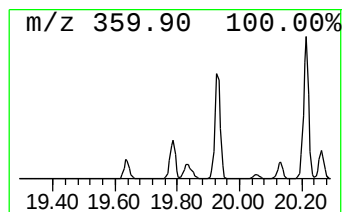
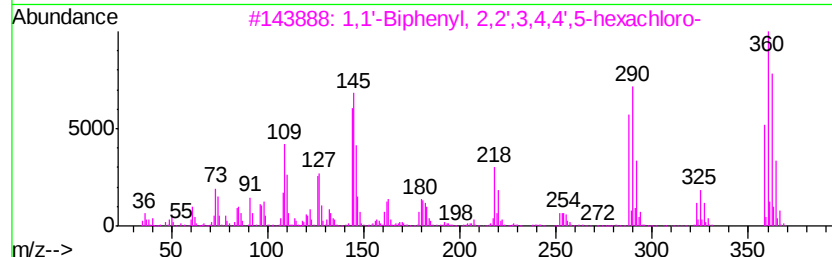
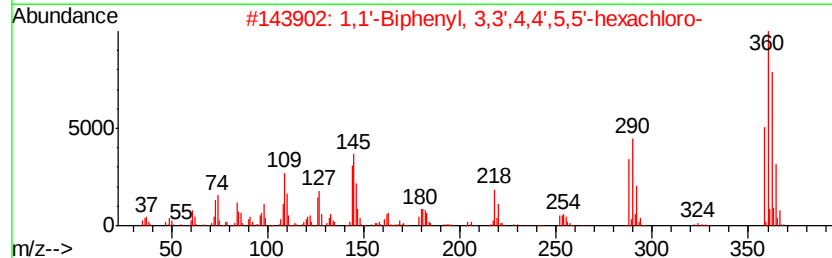
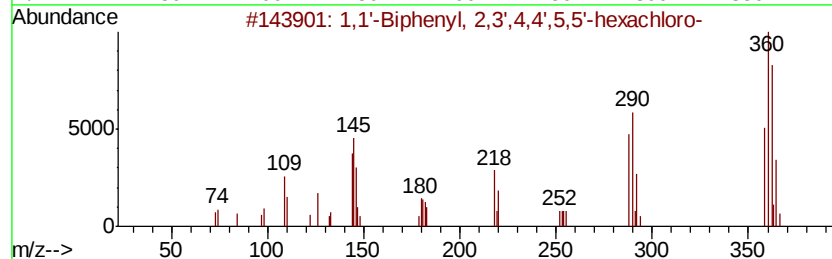
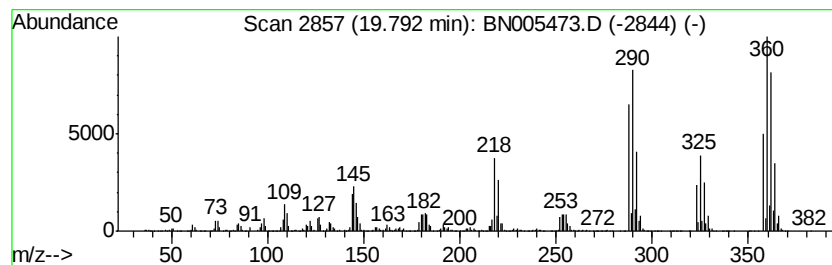
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	15.78 ng/ul	7265430	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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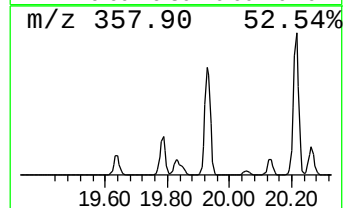
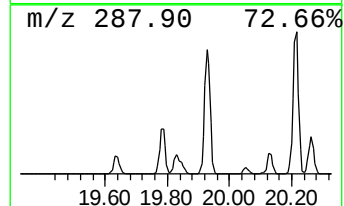
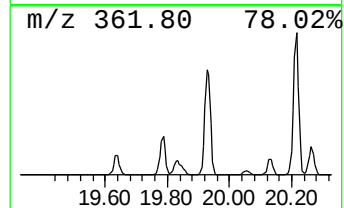
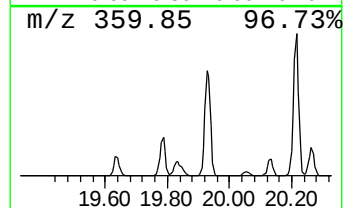
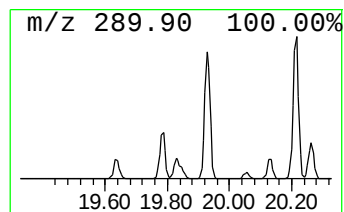
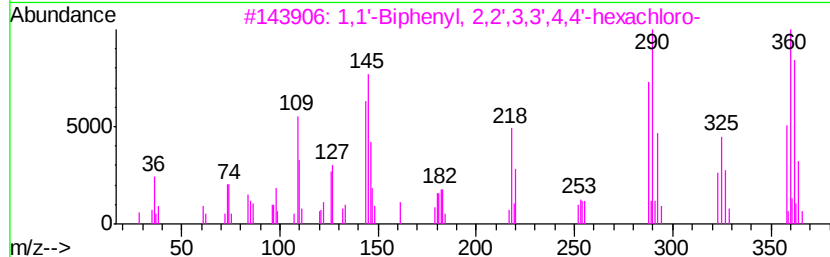
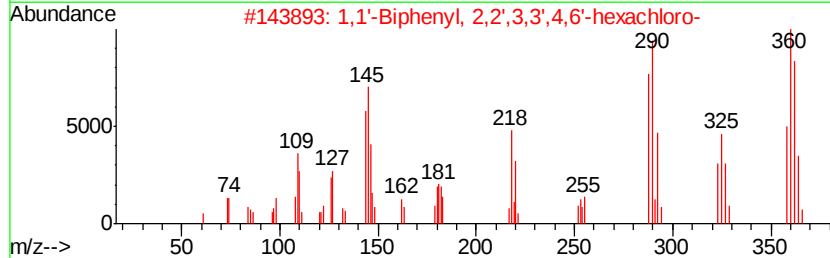
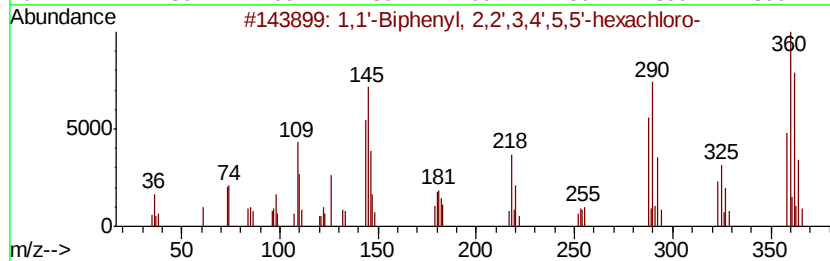
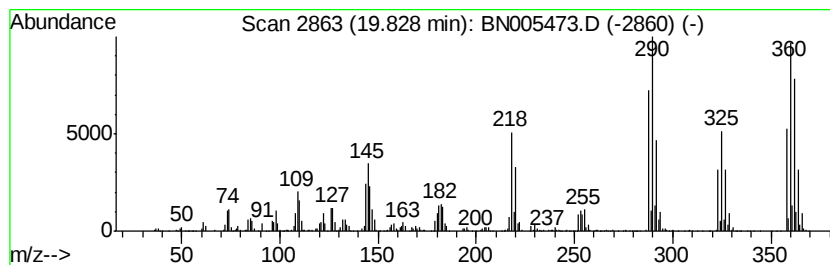
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	7.36 ng/ul	3391110	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	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',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHK9

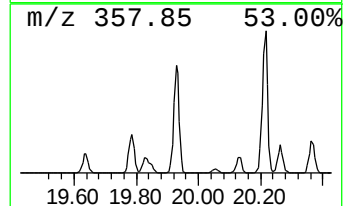
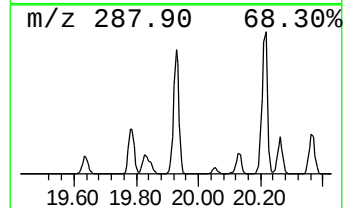
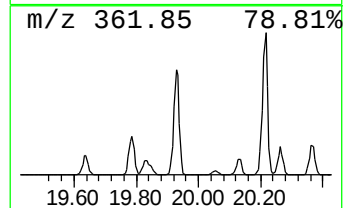
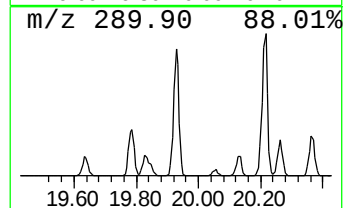
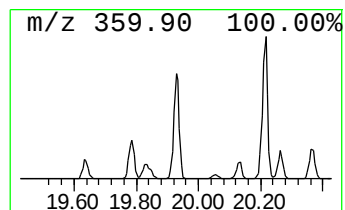
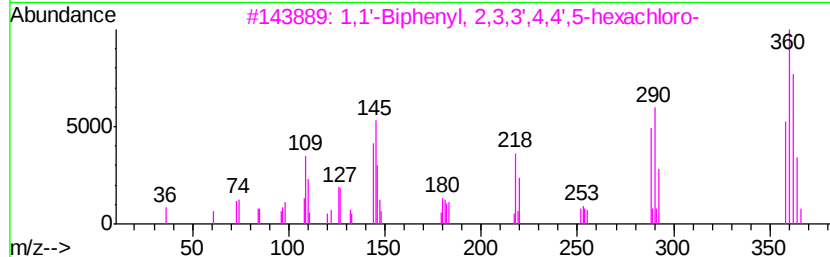
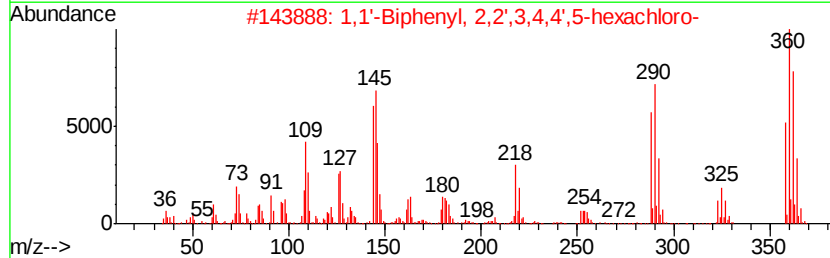
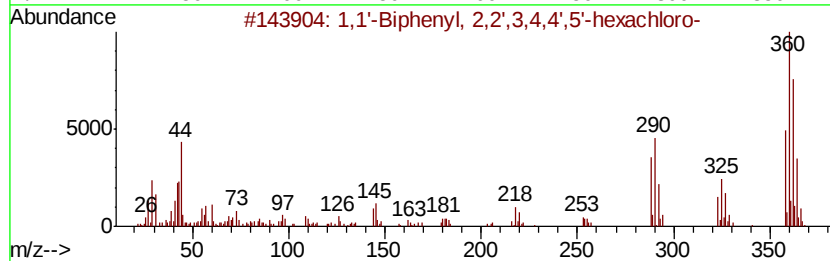
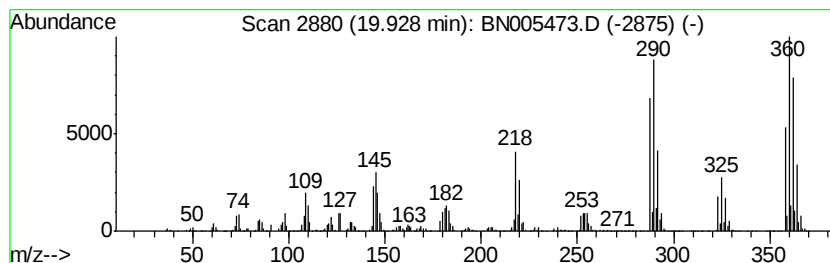
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	35.27 ng/ul	16241800	Chrysene-d12	21.22

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-hex...	358	C12H4Cl6	035694-06-5	99
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHK9

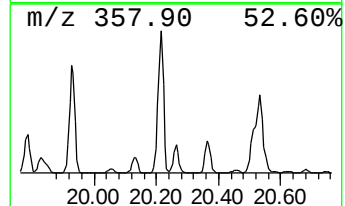
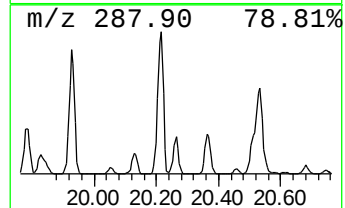
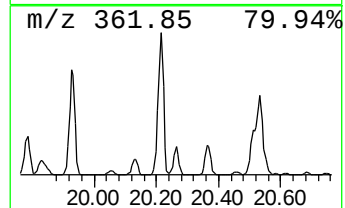
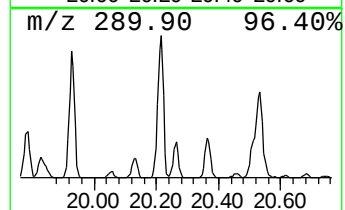
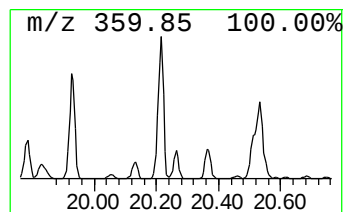
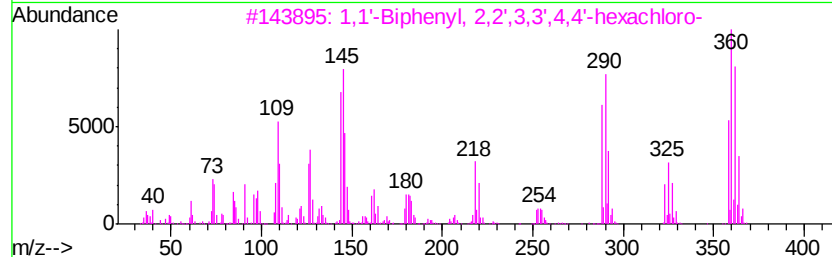
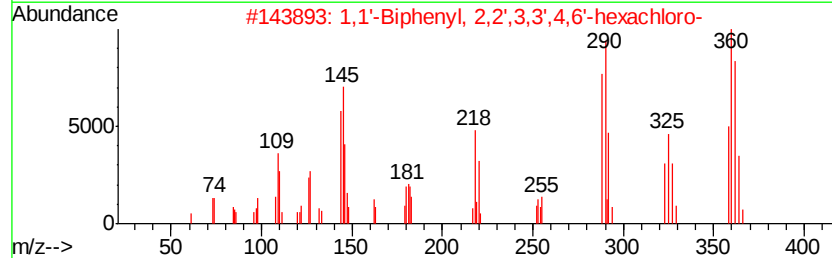
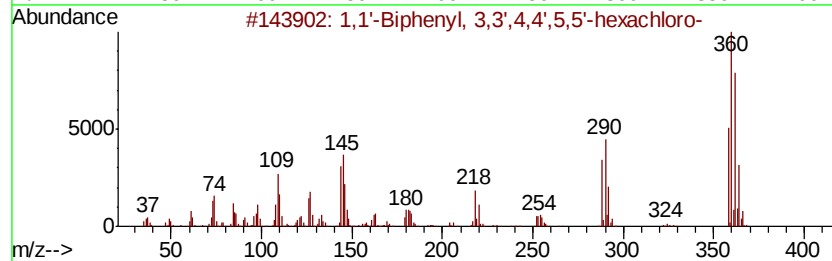
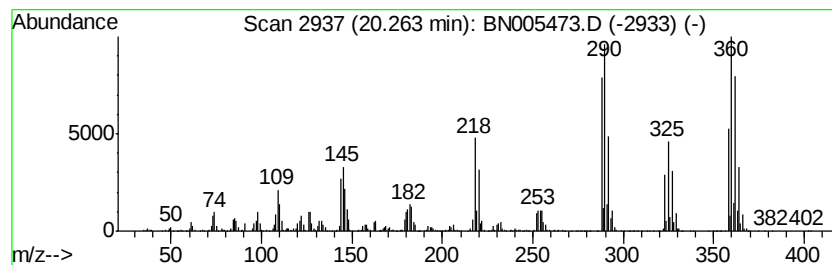
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	10.81 ng/ul	4980420	Chrysene-d12	21.22

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',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
5		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

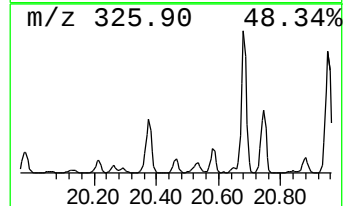
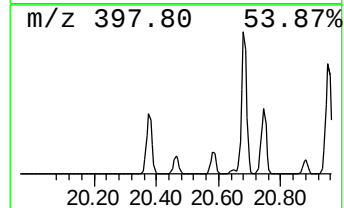
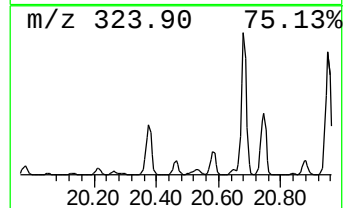
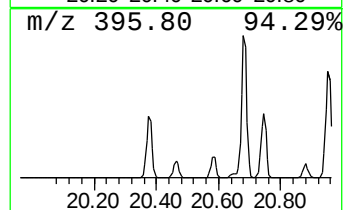
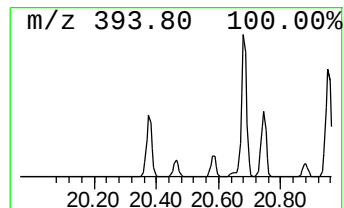
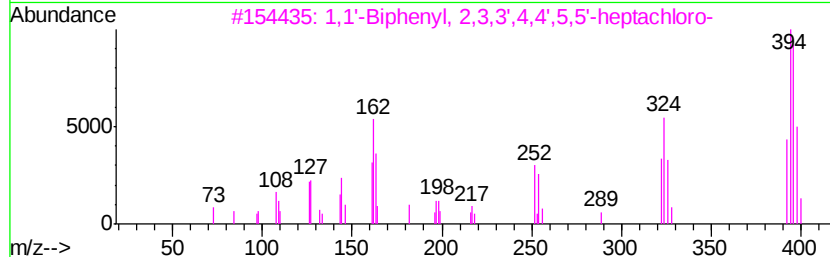
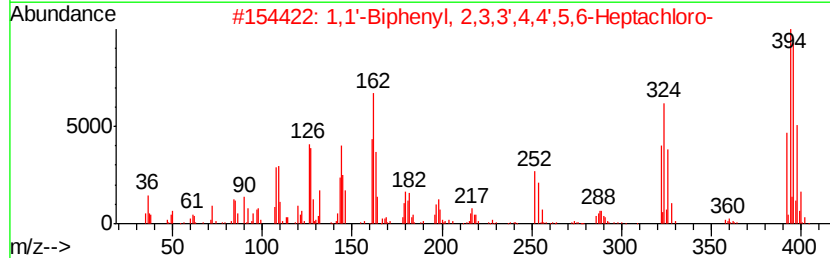
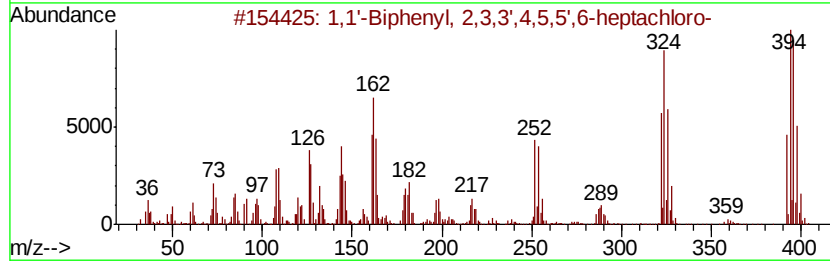
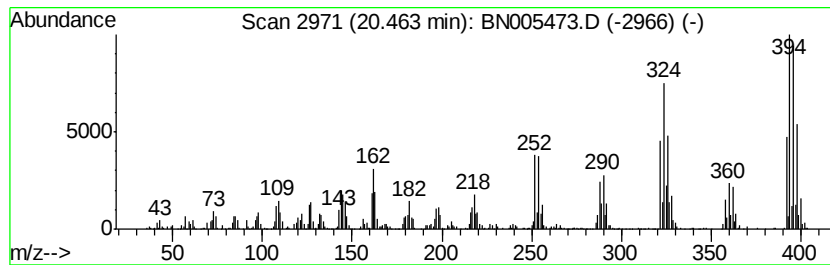
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.46	3.40 ng/ul	1567730	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
2	1,1'	-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
3	1,1'	-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
4	1,1'	-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	2,2',3,3',4,5',6-Heptachlorobiph...		392	C12H3Cl7	040186-70-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

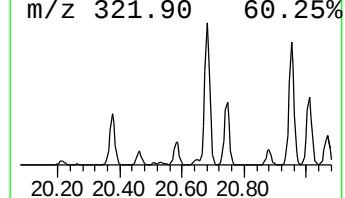
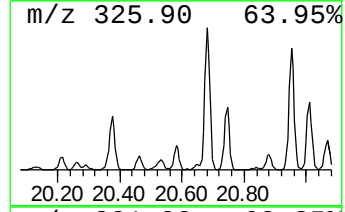
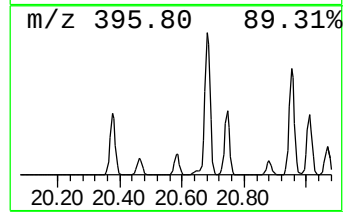
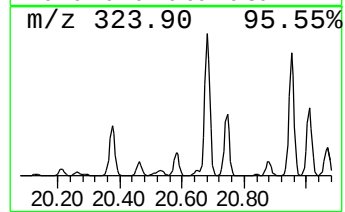
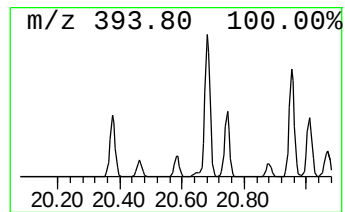
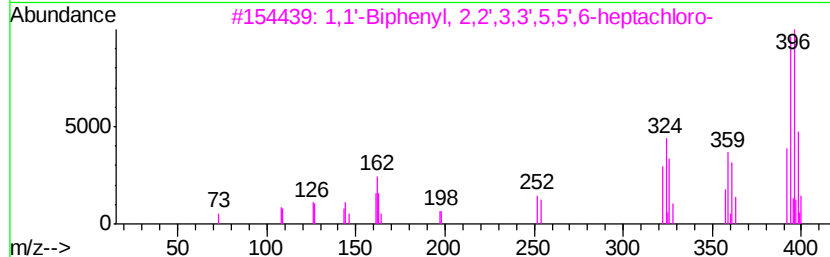
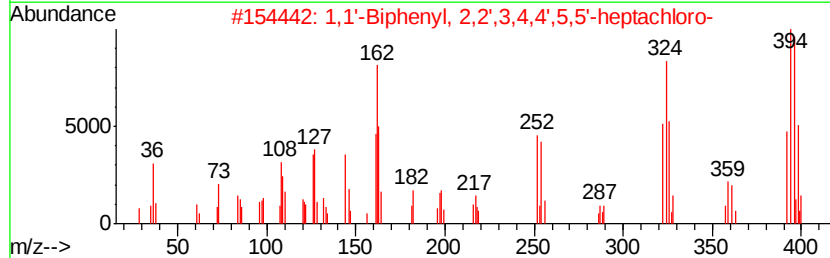
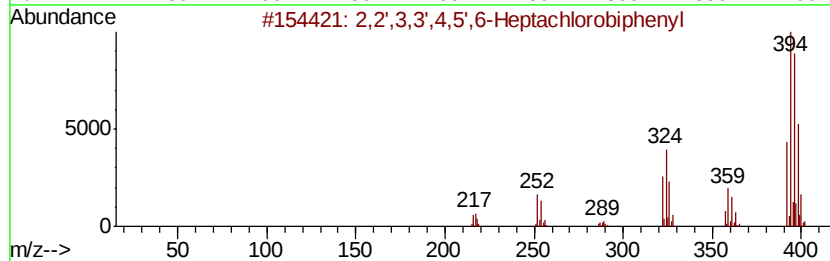
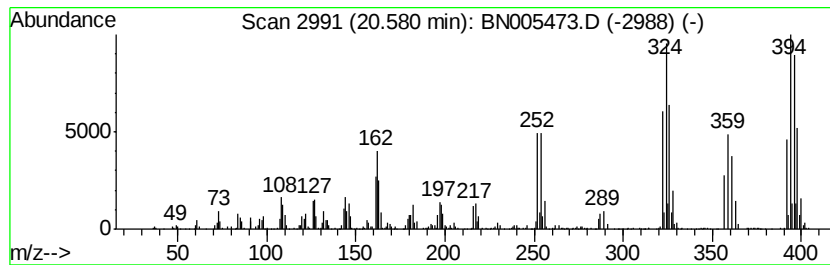
Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	4.25 ng/ul	1957530	Chrysene-d12	21.22
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',3,3',5,5',6-...	392 C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392 C12H3Cl7	060145-23-5	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\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

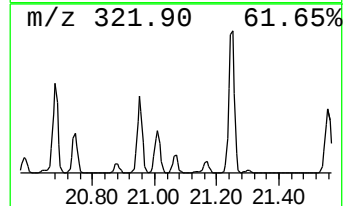
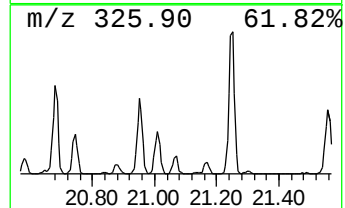
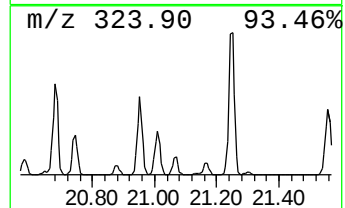
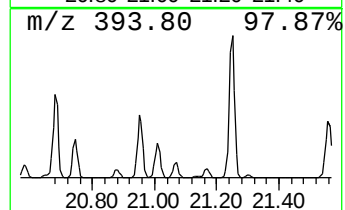
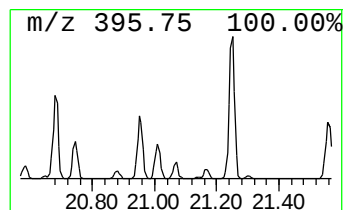
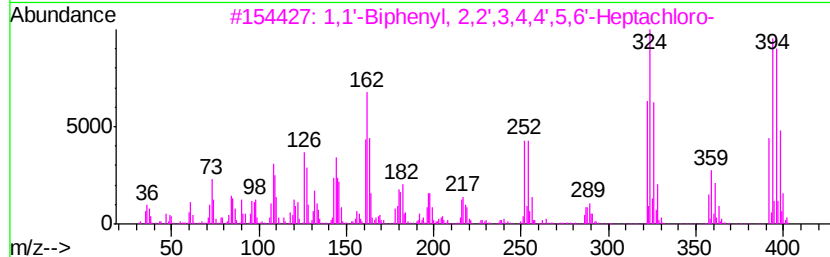
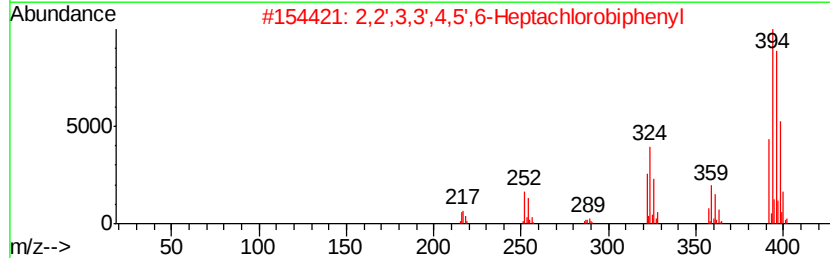
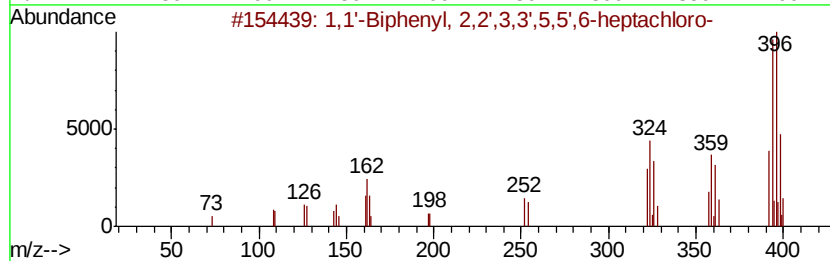
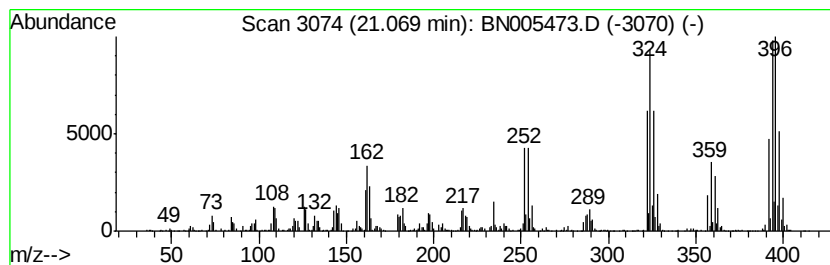
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.07	5.10 ng/ul	2347020	Chrysene-d12	21.22		
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',5,6'-...	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\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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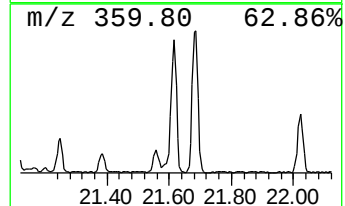
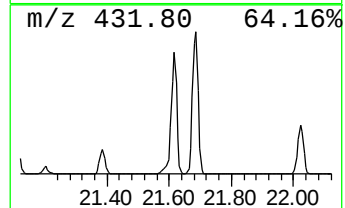
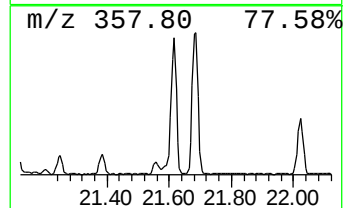
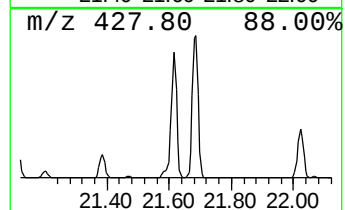
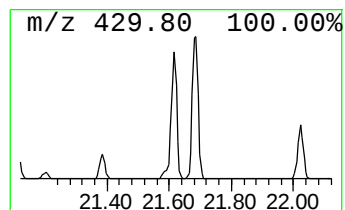
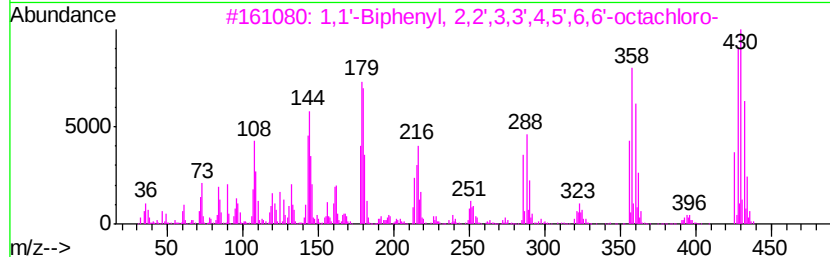
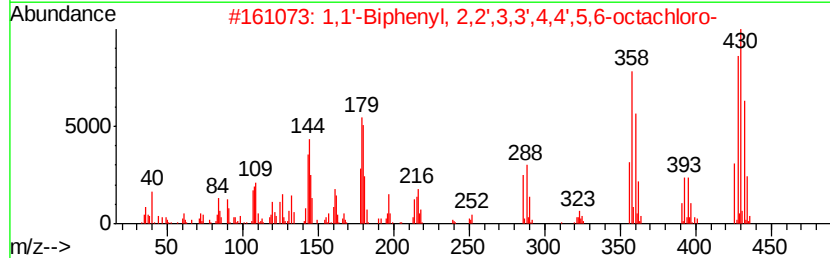
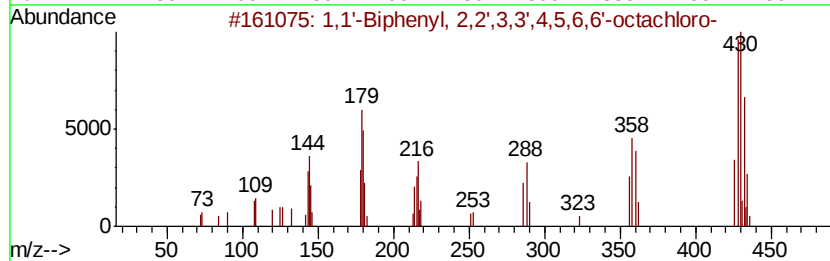
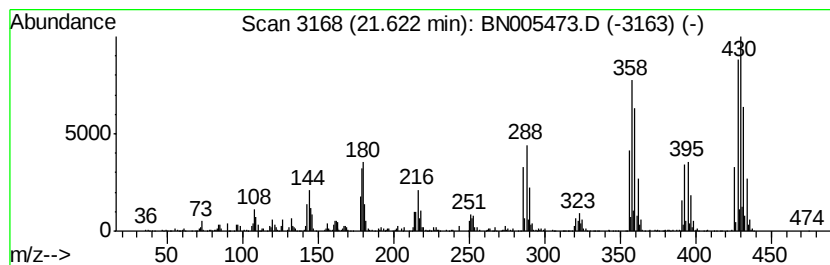
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	8.66 ng/ul	3988460	Chrysene-d12	21.22

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',4,5',6,...	426	C12H2Cl8	040186-71-8	99	
4	1,1'	-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99	
5	1,1'	-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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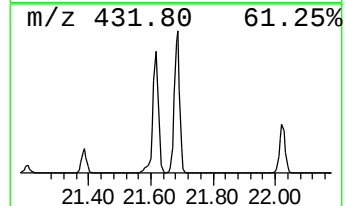
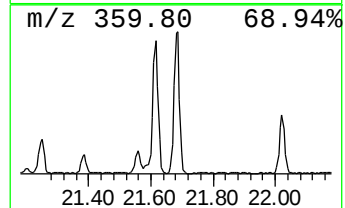
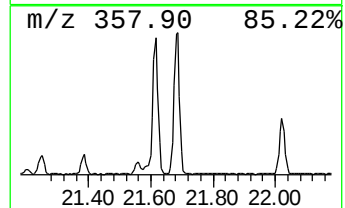
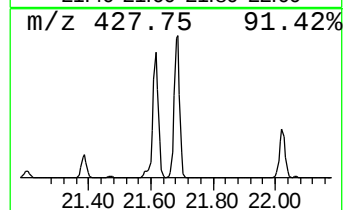
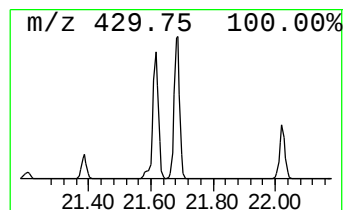
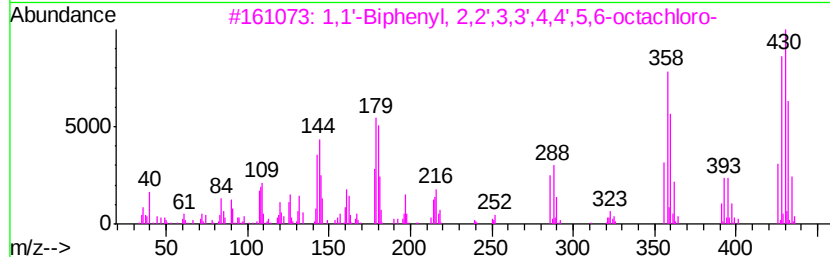
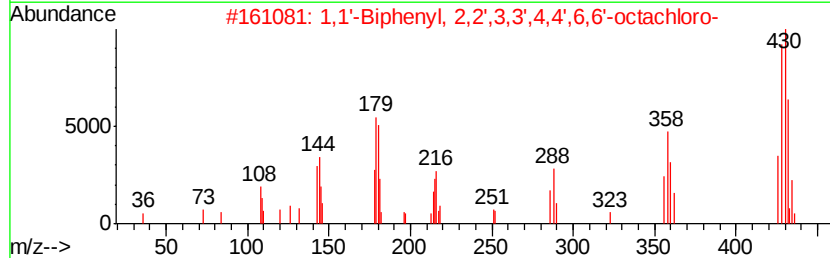
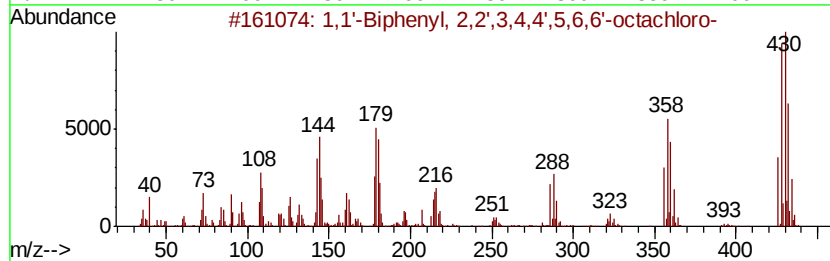
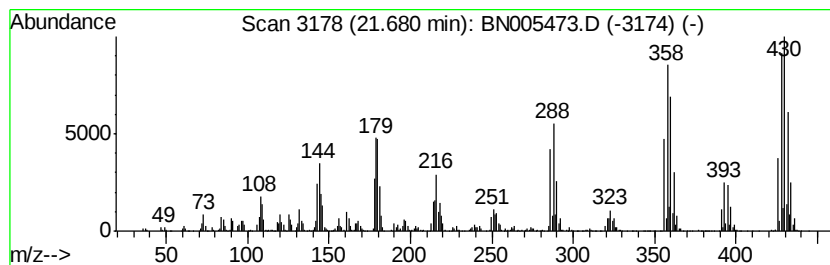
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	9.37 ng/ul	4316120	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99	
2	1,1'	-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99	
3	1,1'	-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99	
4	1,1'	-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99	
5	1,1'	-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHK9

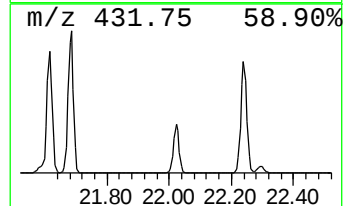
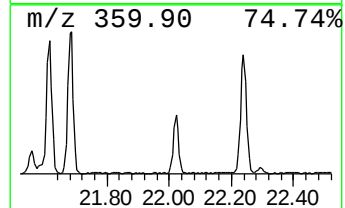
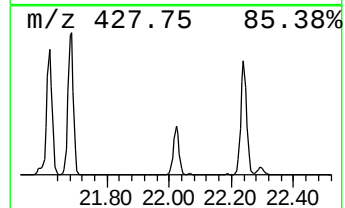
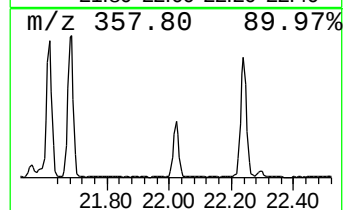
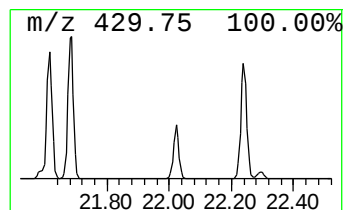
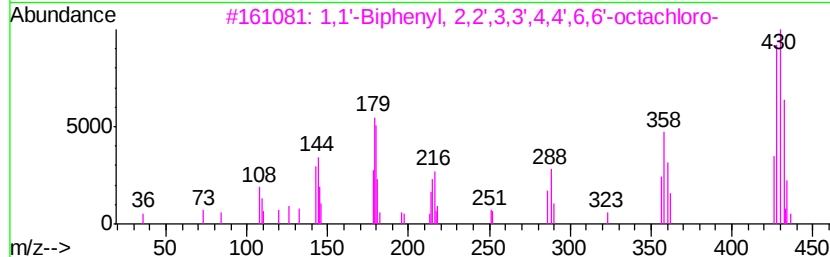
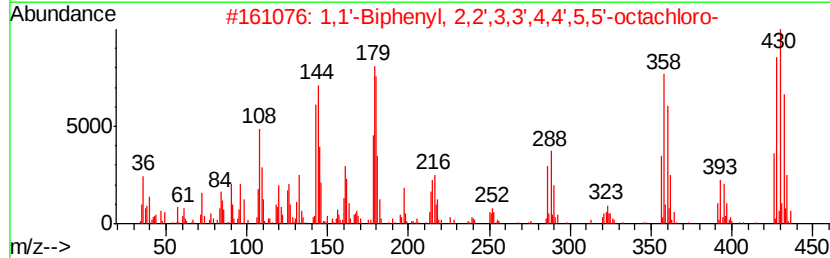
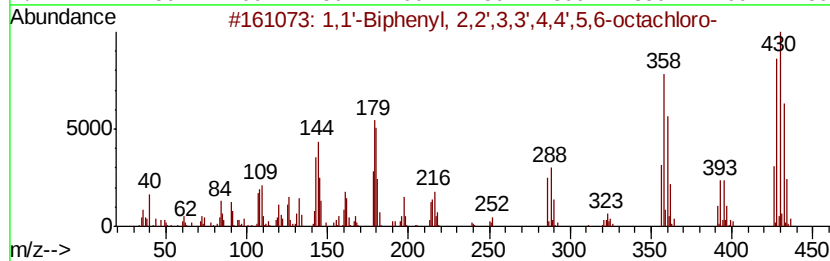
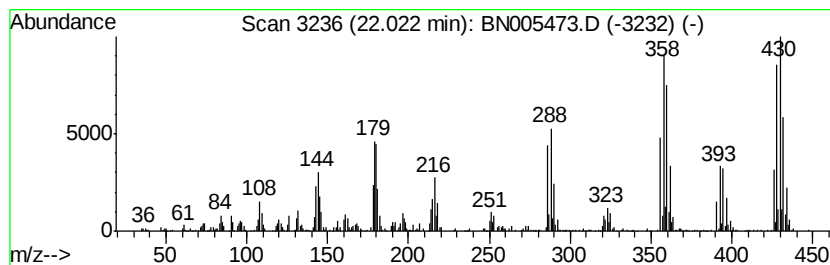
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	3.09 ng/ul	1422540	Chrysene-d12	21.22

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',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
3		1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	98
4		1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	96
5		1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

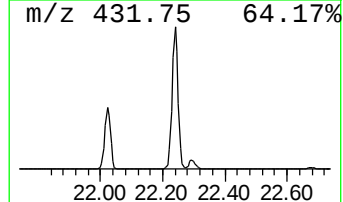
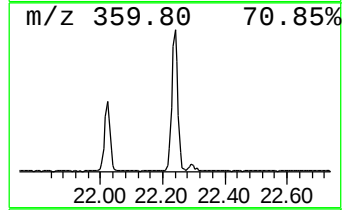
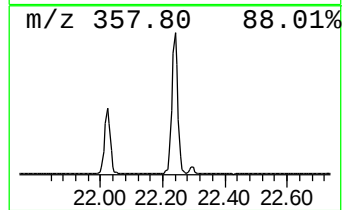
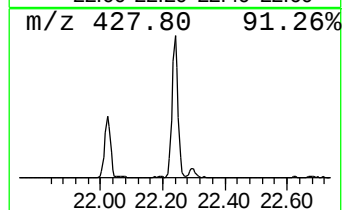
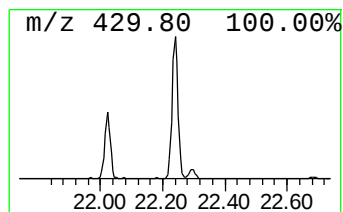
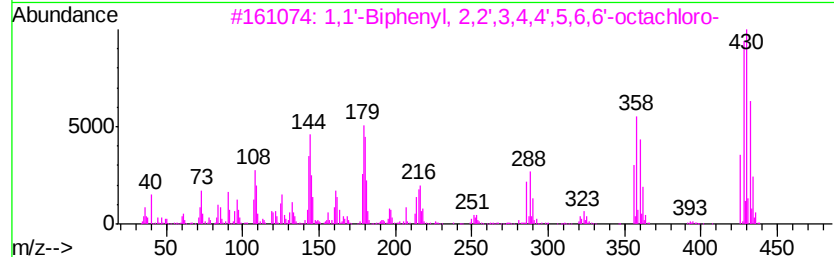
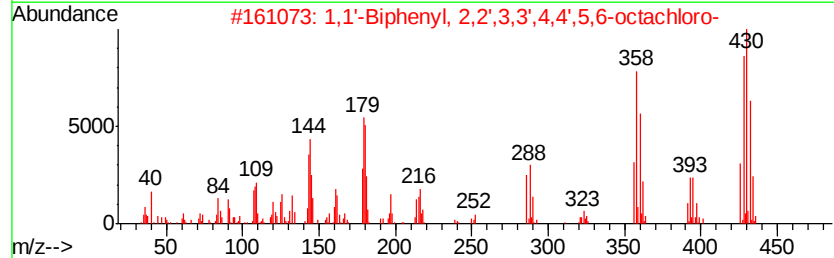
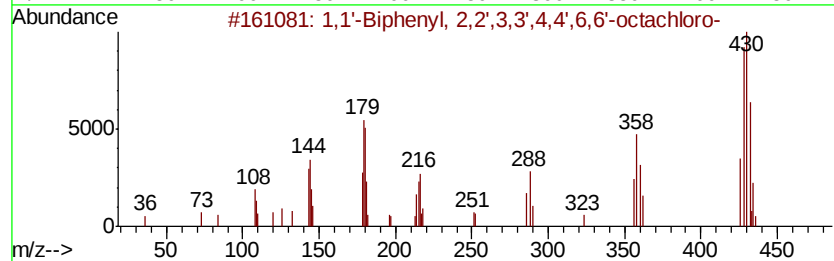
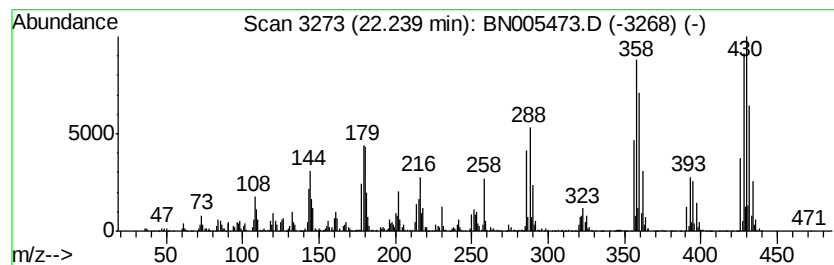
Instrument :
BNA_N
ClientSampleId :
BFHK9

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 30 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.24	9.05 ng/ul	4168540	Chrysene-d12	21.22		
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',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99	
3	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99	
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99	
5	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

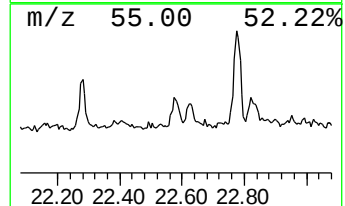
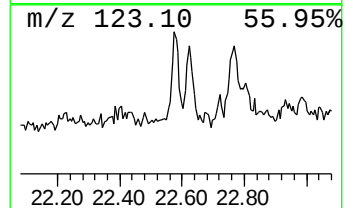
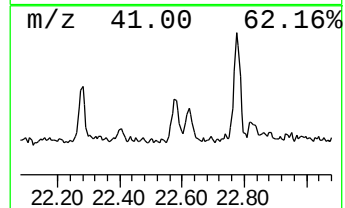
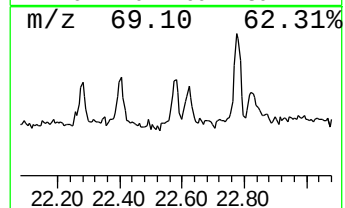
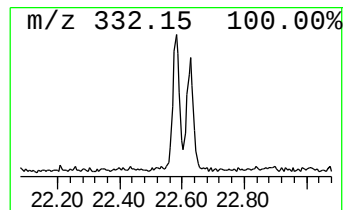
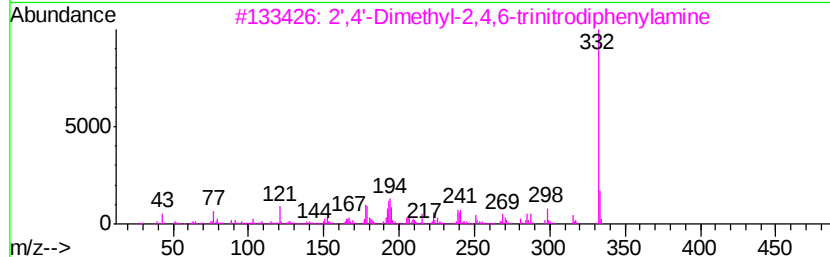
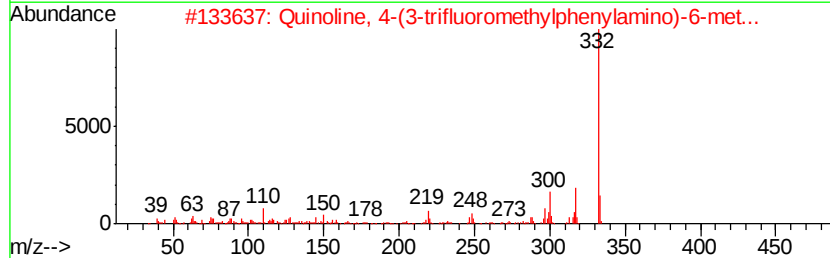
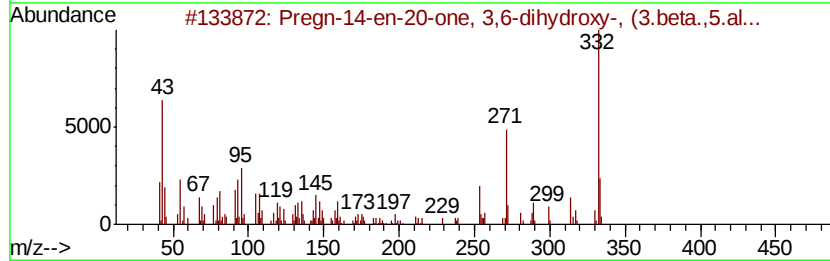
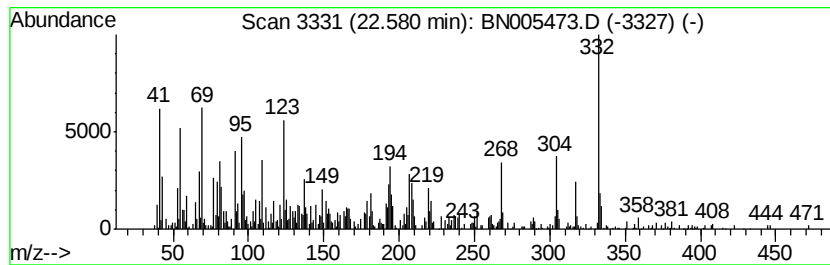
Instrument :
BNA_N
ClientSampleId :
BFHK9

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 31 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.58	2.78 ng/ul	492934	Perylene-d12	23.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-14-en-20-one, 3,6-dihydrox...	332	C21H32O3	040148-15-0	38	
2	Quinoline, 4-(3-trifluoromethylp...	332	C18H15F3N2O	328971-03-5	38	
3	2',4'-Dimethyl-2,4,6-trinitrodip...	332	C14H12N4O6	202599-36-8	30	
4	Benzo[flbenzimidazolo[2,1-blbenz...	332	C19H12N2O2S	296885-53-5	30	
5	Anthracene, 9,10-bis(dicyanometh...	332	C22H12N4	090475-04-0	30	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

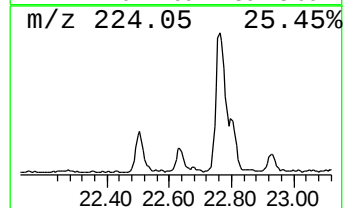
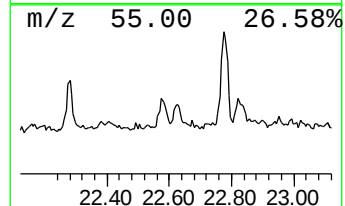
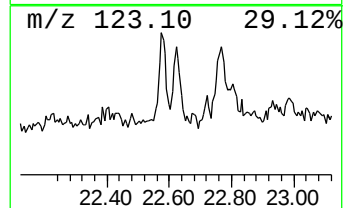
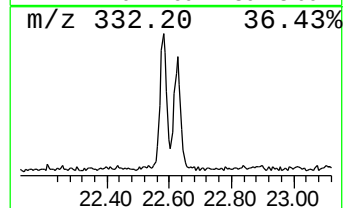
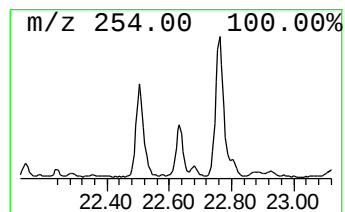
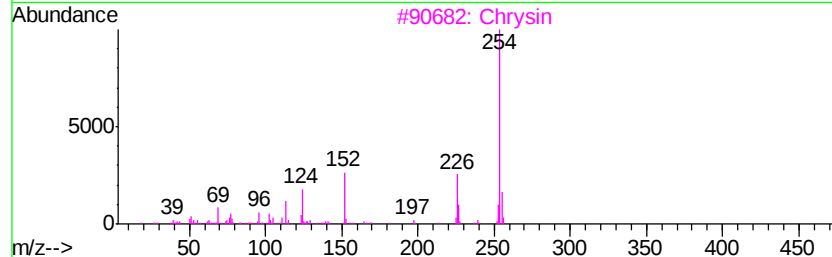
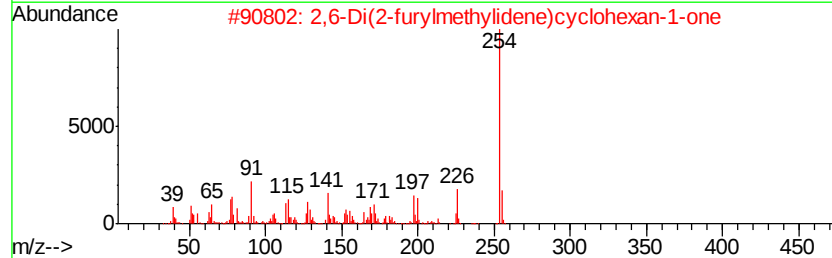
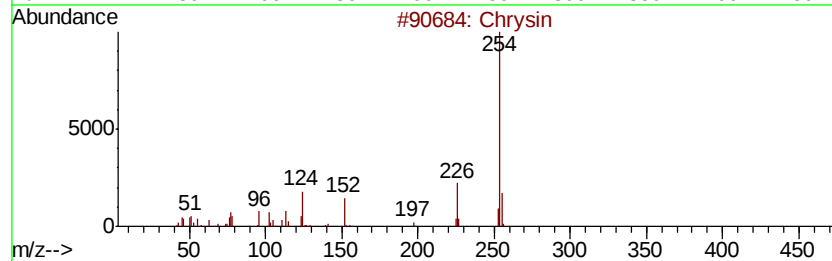
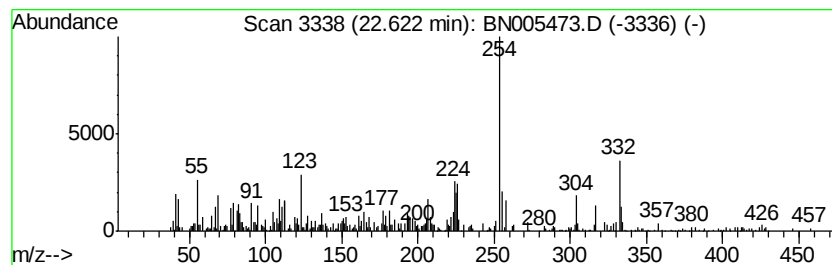
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.70 ng/ul	479110	Perylene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Chrysin		254 C15H10O4	000480-40-0 46
2	2,6-Di(2-furylmethylidene)cyclohexan-1-one		254 C16H14O3	000893-00-5 46
3	Chrysin		254 C15H10O4	000480-40-0 43
4	Anthracene, 9-phenyl-		254 C20H14	000602-55-1 43
5	2,6-(Etheno[1,4]benzenoetheno)na...		254 C20H14	117054-70-3 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

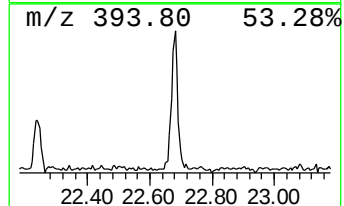
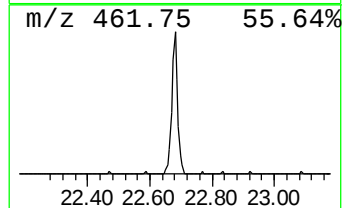
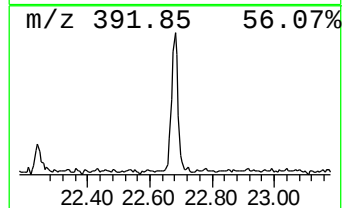
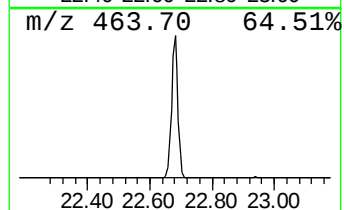
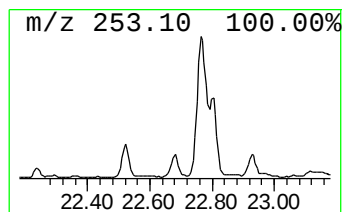
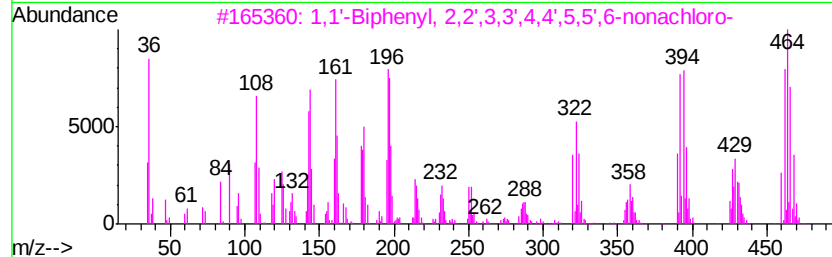
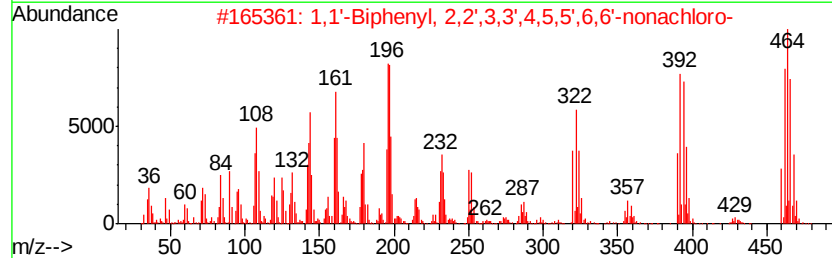
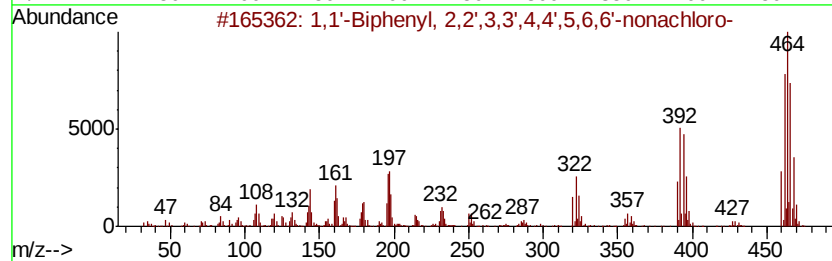
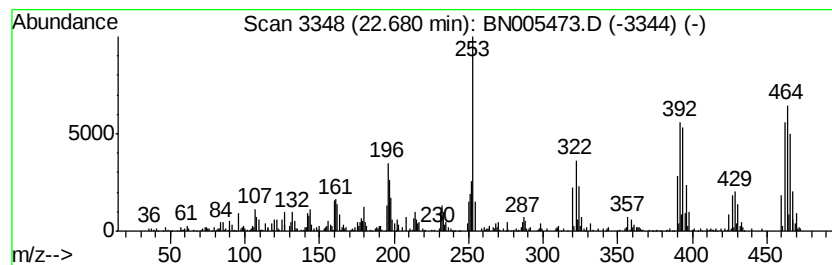
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.68	4.28 ng/ul	758850	Perylene-d12	23.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	052663-79-3	99	
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	460	C12HCl9	052663-77-1	99	
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	89	
4	Phenylcarbamidic acid, 2-(1-hydr...	390	C23H22N2O4	204376-93-2	10	
5	7-Chloro-3-(4-chlorobenzylidene)...	392	C22H14Cl12N2O	055056-34-3	9	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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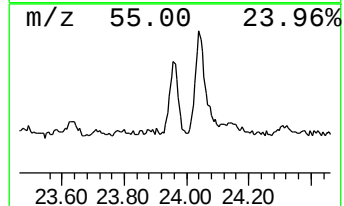
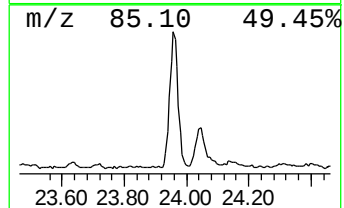
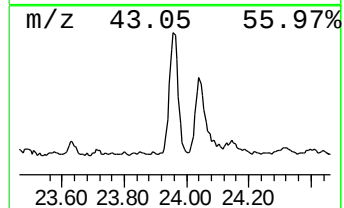
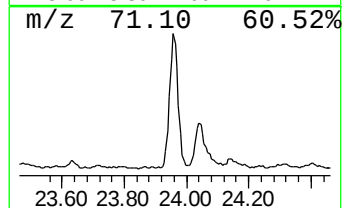
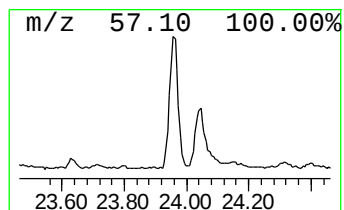
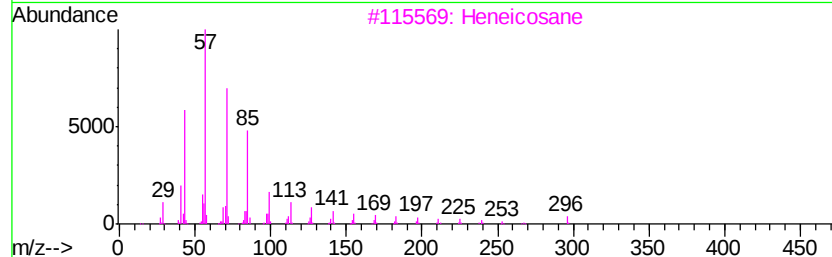
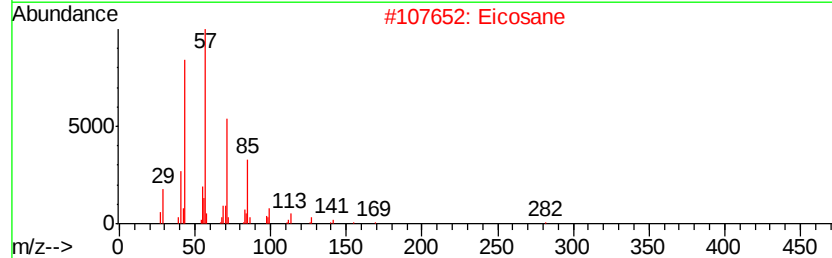
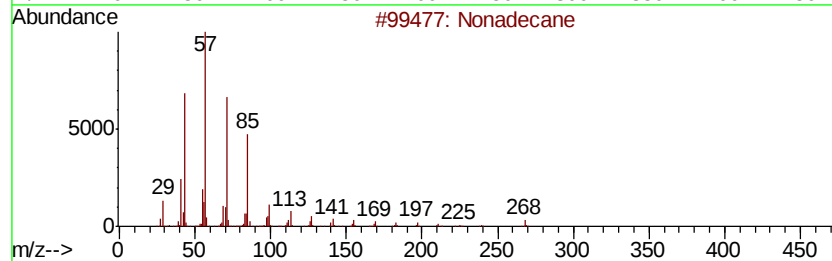
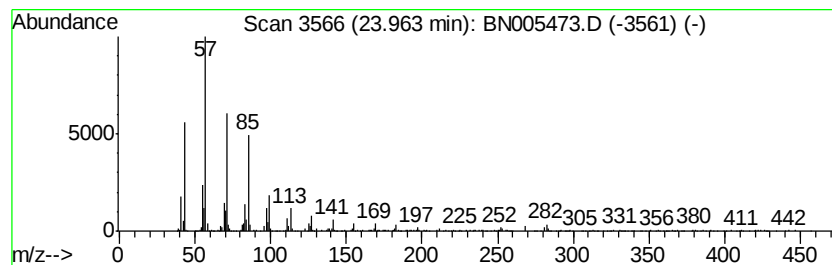
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	8.26 ng/ul	1466240	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	98
2		Eicosane	282	C20H42	000112-95-8	95
3		Heneicosane	296	C21H44	000629-94-7	95
4		Hentriacontane	437	C31H64	000630-04-6	94
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHK9

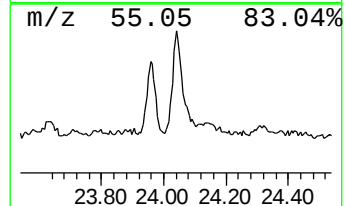
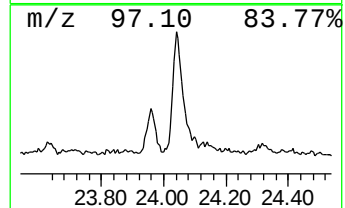
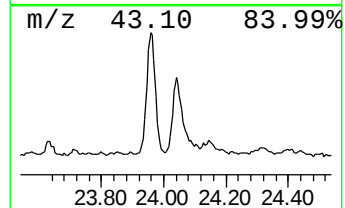
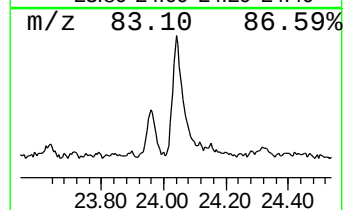
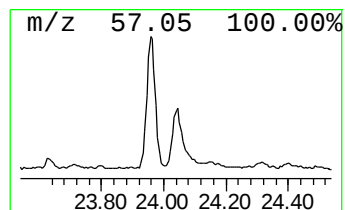
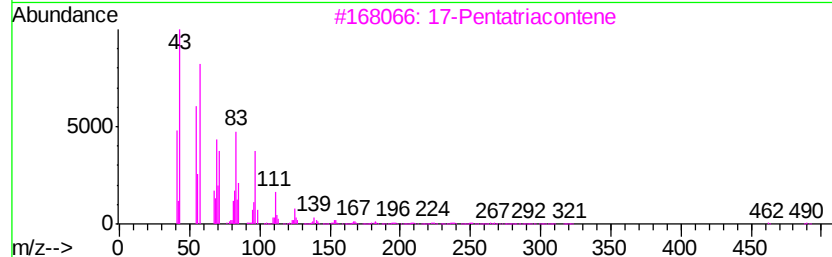
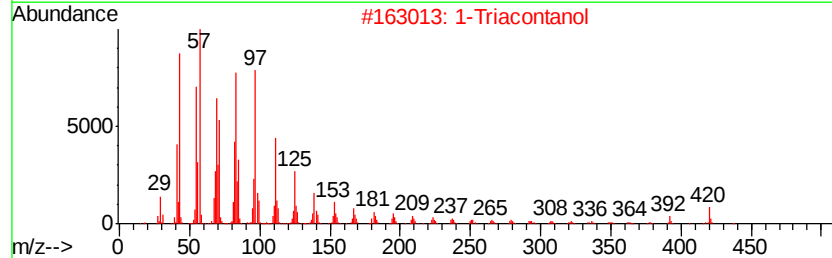
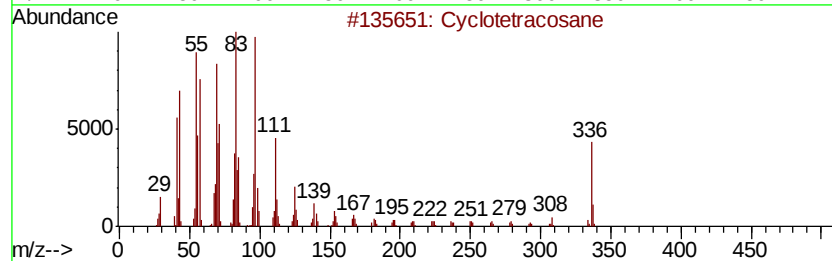
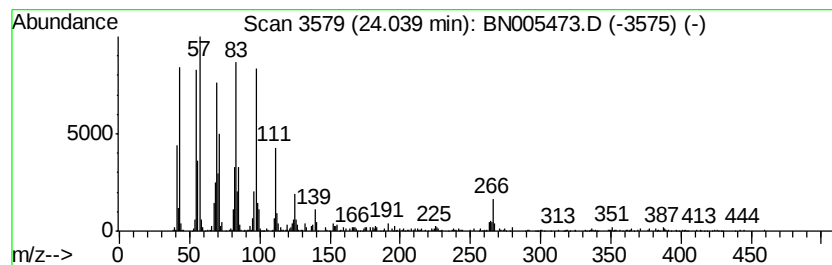
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Cyclic24.04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	7.39 ng/ul	1311750	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	97
2		1-Triacontanol	438	C30H62O	000593-50-0	95
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Z-5-Nonadecene	266	C19H38	1000131-11-8	91
5		2-Methyl-E-7-octadecene	266	C19H38	1000130-92-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHK9

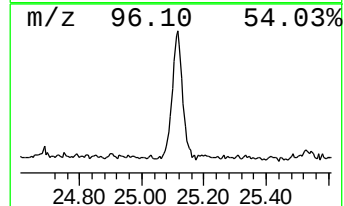
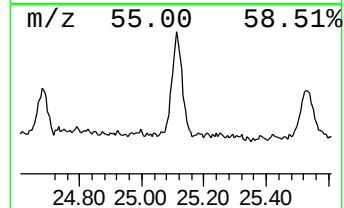
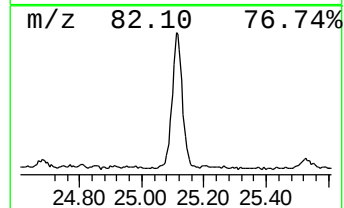
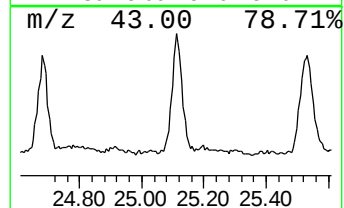
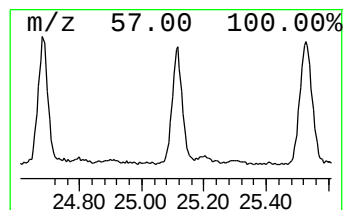
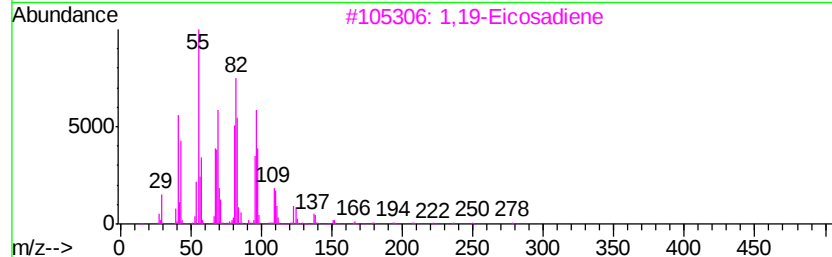
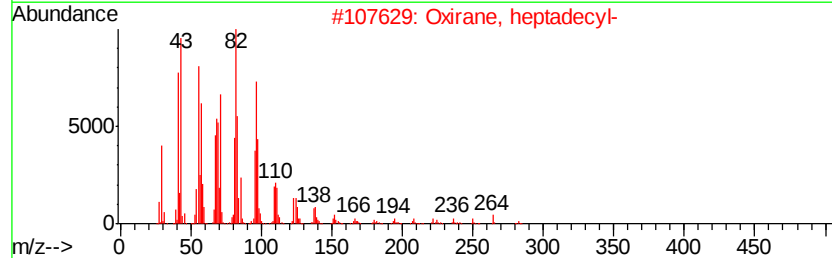
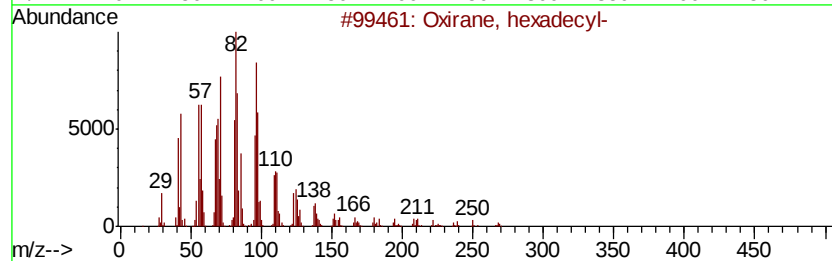
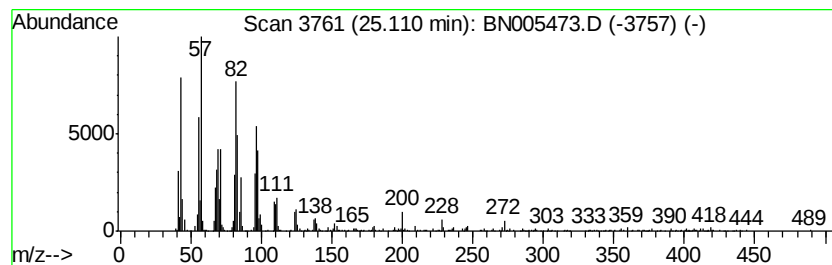
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.11	11.64 ng/ul	2065150	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	72
3		1,19-Eicosadiene	278	C20H38	014811-95-1	58
4		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	53
5		Octadecanal	268	C18H36O	000638-66-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005473.D
Acq On : 04 May 2019 04:09
Operator : JU/SJ
Sample : K2602-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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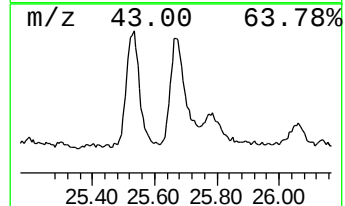
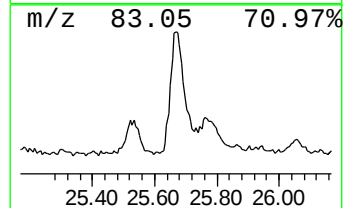
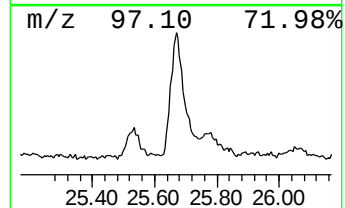
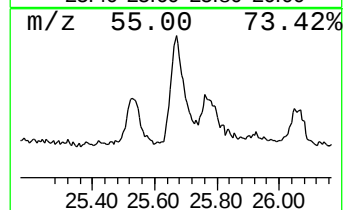
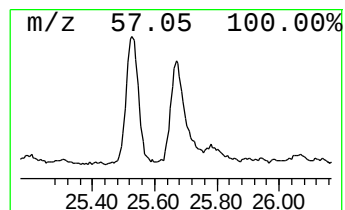
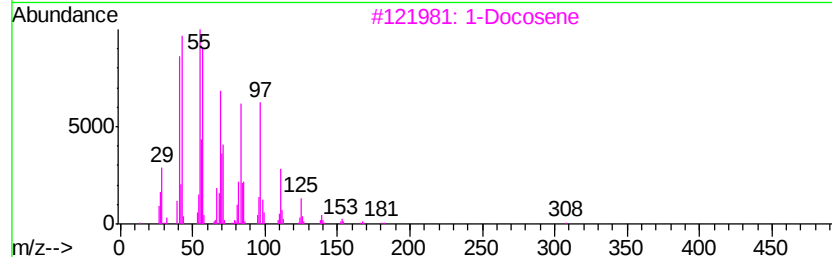
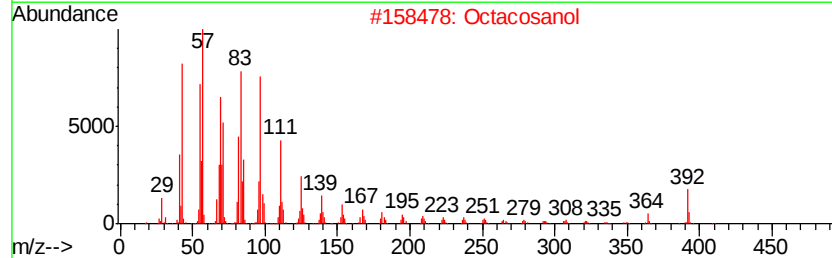
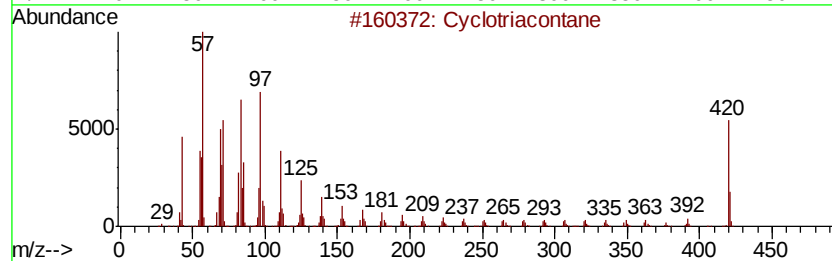
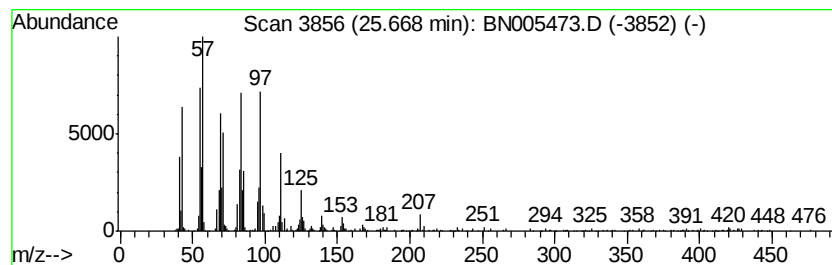
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Cyclic25.67 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.67	7.66 ng/ul	1358690	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotriacontane	420	C30H60	000297-35-8	95
2		Octacosanol	410	C28H58O	000557-61-9	95
3		1-Docosene	308	C22H44	001599-67-3	94
4		1-Triacontanol	438	C30H62O	000593-50-0	94
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005473.D
 Acq On : 04 May 2019 04:09
 Operator : JU/SJ
 Sample : K2602-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHK9

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
Phenanthrene, 1-m...	17.90	7.3	ng/ul	1283680	4	16.98	3516210	20.0
Benzaldehyde, 3,5...	18.05	4.8	ng/ul	835771	4	16.98	3516210	20.0
Tricyclo[8.2.2.2(...	18.36	2.5	ng/ul	434158	4	16.98	3516210	20.0
9,10-Anthracenedione	18.41	3.5	ng/ul	612249	4	16.98	3516210	20.0
1,1'-Biphenyl, 2,...	18.92	24.1	ng/ul	4234050	4	16.98	3516210	20.0
1,1'-Biphenyl, 2,...	19.63	5.5	ng/ul	2510290	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	19.66	4.5	ng/ul	2055170	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	19.79	15.8	ng/ul	7265430	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	19.83	7.4	ng/ul	3391110	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	19.93	35.3	ng/ul	16241800	5	21.22	9210570	20.0
1,1'-Biphenyl, 3,...	20.26	10.8	ng/ul	4980420	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	20.46	3.4	ng/ul	1567730	5	21.22	9210570	20.0
2,2',3,3',4,5',6-...	20.58	4.3	ng/ul	1957530	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	21.07	5.1	ng/ul	2347020	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	21.62	8.7	ng/ul	3988460	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	21.68	9.4	ng/ul	4316120	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	22.02	3.1	ng/ul	1422540	5	21.22	9210570	20.0
1,1'-Biphenyl, 2,...	22.24	9.1	ng/ul	4168540	5	21.22	9210570	20.0
unknown-01	22.58	2.8	ng/ul	492934	6	23.42	3548880	20.0
unknown-02	22.62	2.7	ng/ul	479110	6	23.42	3548880	20.0
1,1'-Biphenyl, 2,...	22.68	4.3	ng/ul	758850	6	23.42	3548880	20.0
(DEL) Alkane: Str...	23.96	8.3	ng/ul	1466240	6	23.42	3548880	20.0
(DEL) Alkane: Cyc...	24.04	7.4	ng/ul	1311750	6	23.42	3548880	20.0
Oxirane, hexadecyl-	25.11	11.6	ng/ul	2065150	6	23.42	3548880	20.0
(DEL) Alkane: Cyc...	25.67	7.7	ng/ul	1358690	6	23.42	3548880	20.0