

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
 Data File : BN005814.D
 Acq On : 20 May 2019 23:47
 Operator : JU/SJ
 Sample : K2693-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH64

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-BN051819MA.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	5.628	446	449	454	rVB4	28667	43183	1.86%	0.127%
2	6.769	638	643	656	rVB	199229	430134	18.51%	1.268%
3	6.916	664	668	684	rVB	191840	348808	15.01%	1.029%
4	7.116	696	702	713	rVB	250706	445131	19.15%	1.313%
5	7.569	773	779	788	rVB	431773	729102	31.37%	2.150%
6	7.681	794	798	806	rVB4	21528	43368	1.87%	0.128%
7	8.110	868	871	876	rVB4	23569	38037	1.64%	0.112%
8	8.293	897	902	911	rBV	157323	319234	13.74%	0.941%
9	8.722	969	975	982	rBV	265817	486838	20.95%	1.436%
10	8.781	982	985	990	rVB3	29010	45233	1.95%	0.133%
11	8.893	997	1004	1010	rVB8	13674	35152	1.51%	0.104%
12	9.246	1060	1064	1071	rVB4	15467	34656	1.49%	0.102%
13	9.434	1090	1096	1106	rBV	207115	396539	17.06%	1.169%
14	9.746	1144	1149	1153	rVV3	22558	37364	1.61%	0.110%
15	9.987	1184	1190	1208	rBV	243761	580590	24.98%	1.712%
16	10.334	1237	1249	1255	rBV	663648	1189782	51.19%	3.509%
17	10.381	1255	1257	1266	rVB3	37432	64819	2.79%	0.191%
18	10.498	1271	1277	1284	rBV3	83659	185675	7.99%	0.548%
19	10.816	1325	1331	1337	rVB4	27853	47569	2.05%	0.140%
20	11.369	1418	1425	1427	rBV4	15719	32211	1.39%	0.095%
21	11.516	1443	1450	1455	rVB5	17598	37182	1.60%	0.110%
22	11.616	1457	1467	1471	rBV9	24249	45091	1.94%	0.133%
23	11.769	1486	1493	1498	rBV	65728	112057	4.82%	0.330%
24	12.010	1529	1534	1540	rVB	49183	90478	3.89%	0.267%
25	12.228	1565	1571	1579	rVB2	35109	75179	3.23%	0.222%
26	12.745	1656	1659	1663	rVB3	26689	36985	1.59%	0.109%
27	13.010	1697	1704	1705	rBV4	28928	43019	1.85%	0.127%
28	13.034	1705	1708	1715	rVV2	92257	126965	5.46%	0.374%
29	13.245	1738	1744	1745	rBV3	19803	33358	1.44%	0.098%
30	13.387	1755	1768	1773	rBV7	54334	151435	6.52%	0.447%
31	13.528	1786	1792	1797	rVV3	57705	111333	4.79%	0.328%
32	13.581	1797	1801	1804	rVV2	71069	116233	5.00%	0.343%
33	13.628	1804	1809	1813	rVV	749997	1064262	45.79%	3.138%
34	13.675	1813	1817	1825	rVV	184449	298952	12.86%	0.882%

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35	13.769	1831	1833	1836	rVV3	30183	39279	1.69%	0.116%
36	13.898	1849	1855	1865	rVV	806075	1283059	55.21%	3.784%
37	14.122	1887	1893	1898	rBV	114603	149958	6.45%	0.442%
38	14.210	1898	1908	1915	rVV2	1084696	1684734	72.49%	4.968%
39	14.275	1915	1919	1922	rVV3	24733	47323	2.04%	0.140%
40	14.434	1939	1946	1953	rBV6	40139	102694	4.42%	0.303%
41	14.504	1953	1958	1968	rBV5	54042	147478	6.35%	0.435%
42	14.592	1969	1973	1974	rVV2	42915	55910	2.41%	0.165%
43	14.622	1975	1978	1983	rVV3	81956	135287	5.82%	0.399%
44	14.698	1986	1991	1996	rVB2	65522	116176	5.00%	0.343%
45	14.745	1996	1999	2005	rBV5	44280	75976	3.27%	0.224%
46	14.839	2009	2015	2021	rBV3	56425	102893	4.43%	0.303%
47	14.892	2021	2024	2027	rVV	32531	44950	1.93%	0.133%
48	14.928	2027	2030	2037	rVB9	24756	44414	1.91%	0.131%
49	15.004	2037	2043	2047	rBV3	50812	116458	5.01%	0.343%
50	15.081	2053	2056	2060	rVB	118543	139355	6.00%	0.411%
51	15.216	2069	2079	2084	rVV	1074685	1613333	69.42%	4.758%
52	15.257	2084	2086	2092	rVV2	48633	71671	3.08%	0.211%
53	15.316	2092	2096	2100	rVV3	35295	52349	2.25%	0.154%
54	15.392	2106	2109	2112	rBV4	28467	37363	1.61%	0.110%
55	15.486	2121	2125	2132	rVB2	64261	113369	4.88%	0.334%
56	15.569	2135	2139	2147	rVB7	49823	110414	4.75%	0.326%
57	15.645	2147	2152	2156	rBV5	35698	64210	2.76%	0.189%
58	15.704	2156	2162	2164	rBV5	36404	67223	2.89%	0.198%
59	15.945	2199	2203	2211	rBV2	179623	306110	13.17%	0.903%
60	16.086	2218	2227	2230	rBV4	58773	131632	5.66%	0.388%
61	16.122	2230	2233	2236	rVV5	24129	33908	1.46%	0.100%
62	16.286	2258	2261	2263	rBV4	26320	36277	1.56%	0.107%
63	16.522	2294	2301	2304	rBV8	53425	109774	4.72%	0.324%
64	16.645	2317	2322	2328	rBV10	32723	65032	2.80%	0.192%
65	16.739	2335	2338	2343	rVV	120807	152439	6.56%	0.450%
66	16.792	2343	2347	2355	rVB2	152362	243119	10.46%	0.717%
67	16.975	2372	2378	2382	rBV	1341520	1986517	85.48%	5.858%
68	17.010	2382	2384	2388	rVV	107431	151672	6.53%	0.447%
69	17.069	2389	2394	2404	rVB2	1054748	1543725	66.42%	4.552%
70	17.269	2424	2428	2429	rBV3	34190	51532	2.22%	0.152%
71	17.480	2461	2464	2468	rVB	116911	138087	5.94%	0.407%

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72	17.557	2473	2477	2485	rVB	126132	235891	10.15%	0.696%
73	17.892	2530	2534	2543	rVB2	404742	646369	27.81%	1.906%
74	18.039	2555	2559	2563	rVB	102220	141451	6.09%	0.417%
75	18.180	2579	2583	2587	rBV2	113719	184827	7.95%	0.545%
76	18.257	2592	2596	2601	rVB	133462	192368	8.28%	0.567%
77	18.580	2647	2651	2656	rBV	133704	211789	9.11%	0.625%
78	18.786	2682	2686	2689	rBV	171417	231584	9.96%	0.683%
79	18.822	2689	2692	2698	rVB3	170877	268906	11.57%	0.793%
80	18.880	2699	2702	2704	rBV	84848	105425	4.54%	0.311%
81	19.192	2751	2755	2764	rBV3	307316	651954	28.05%	1.923%
82	19.386	2783	2788	2796	rBV	1151872	1863283	80.17%	5.495%
83	19.769	2850	2853	2858	rVB3	207319	241068	10.37%	0.711%
84	19.910	2873	2877	2882	rVB	532355	655537	28.21%	1.933%
85	19.957	2882	2885	2889	rBV3	102002	128109	5.51%	0.378%
86	20.198	2922	2926	2930	rVB	531135	631462	27.17%	1.862%
87	20.357	2949	2953	2957	rBV3	201614	259164	11.15%	0.764%
88	20.451	2967	2969	2973	rVB2	160683	191229	8.23%	0.564%
89	20.516	2974	2980	2985	rVV	303805	549491	23.64%	1.620%
90	20.663	3002	3005	3012	rVB	350109	388356	16.71%	1.145%
91	20.727	3014	3016	3021	rVB4	157613	174708	7.52%	0.515%
92	20.933	3047	3051	3057	rBV2	513092	739246	31.81%	2.180%
93	20.992	3059	3061	3066	rVB5	184329	206995	8.91%	0.610%
94	21.210	3093	3098	3108	rVB	1299679	2324084	100.00%	6.853%
95	21.368	3122	3125	3128	rBV	207033	207489	8.93%	0.612%
96	21.798	3195	3198	3202	rVB	242838	271186	11.67%	0.800%
97	22.251	3273	3275	3281	rVB	196657	232586	10.01%	0.686%
98	22.745	3357	3359	3364	rVB	265942	329879	14.19%	0.973%
99	23.286	3446	3451	3460	rVB3	331350	759932	32.70%	2.241%
100	23.415	3468	3473	3486	rVB	864949	1645159	70.79%	4.851%

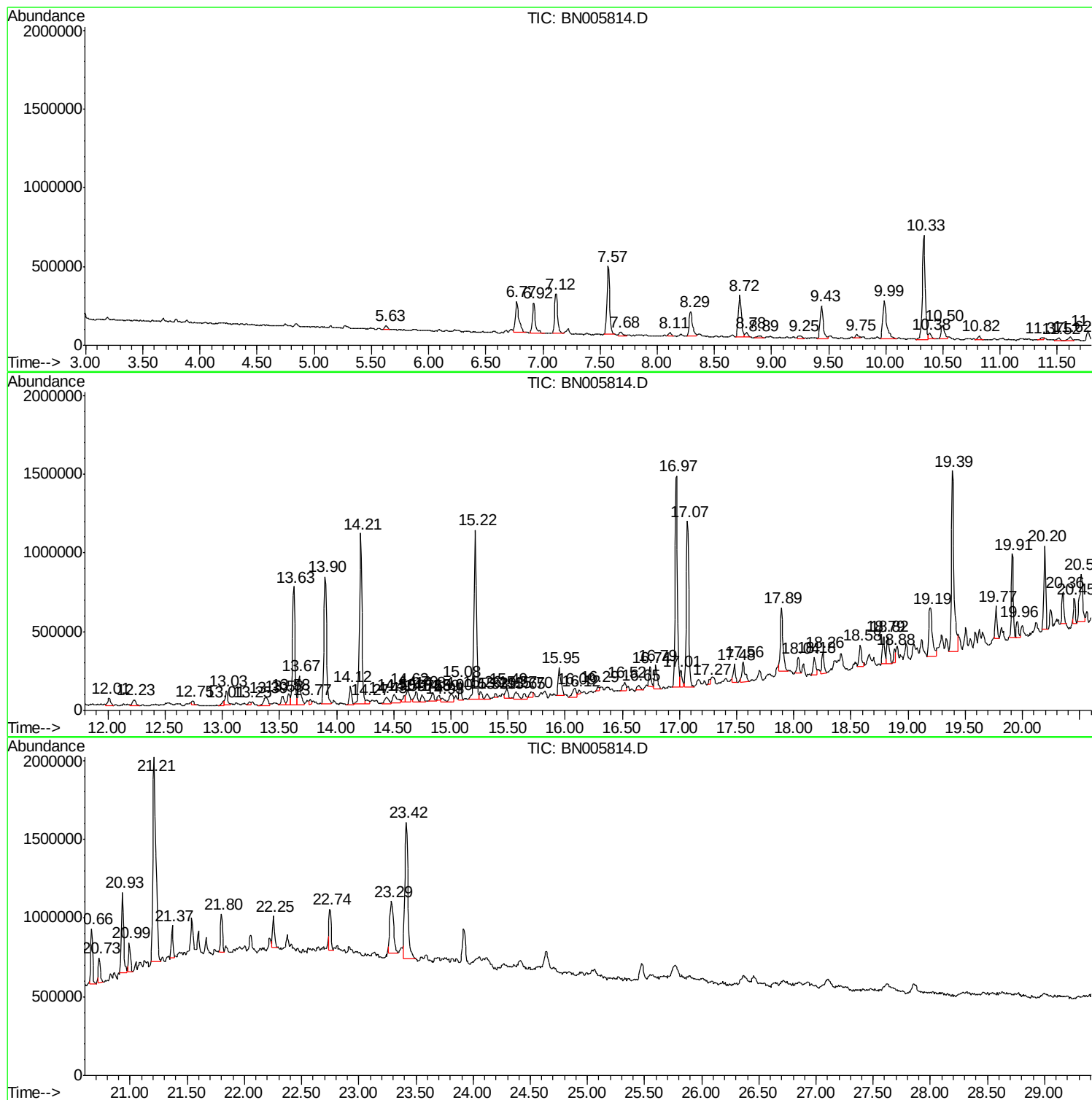
Sum of corrected areas: 33911181

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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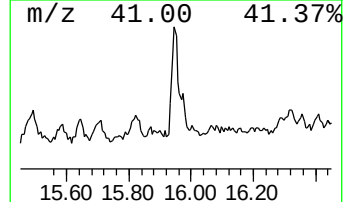
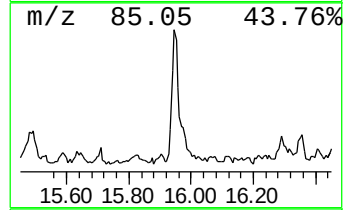
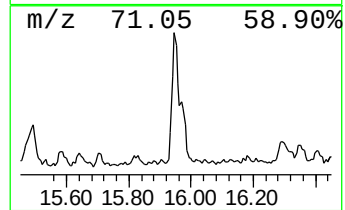
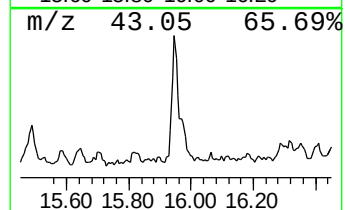
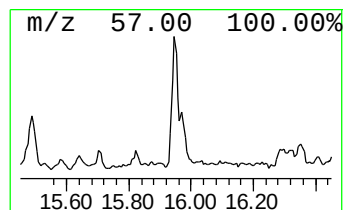
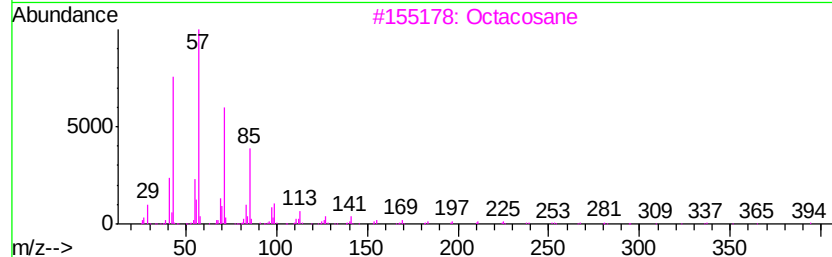
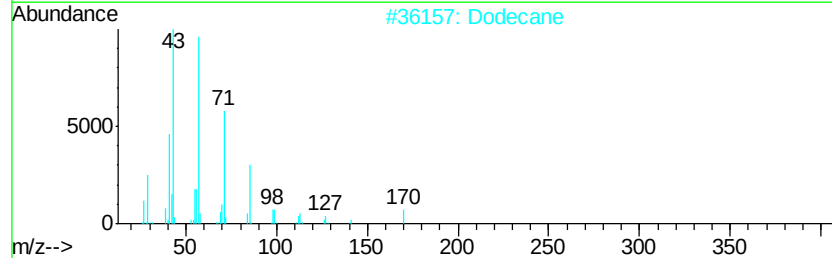
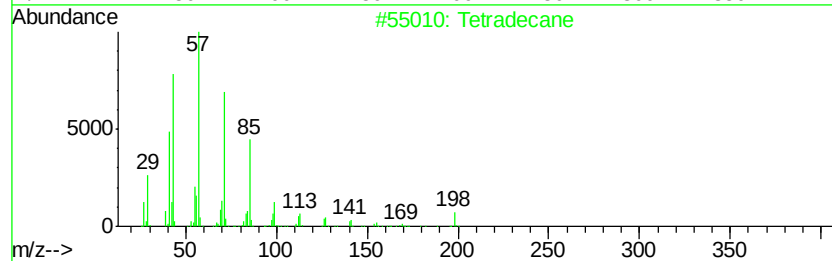
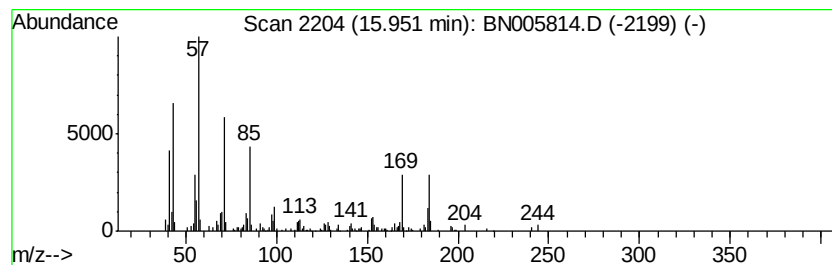
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.08 ng/ul	306110	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Dodecane	170	C12H26	000112-40-3	89
3			Octacosane	394	C28H58	000630-02-4	76
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5			Eicosane	282	C20H42	000112-95-8	68



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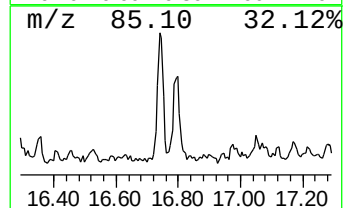
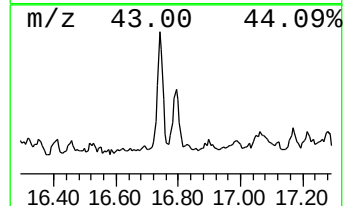
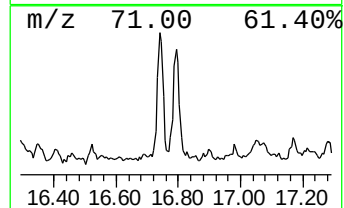
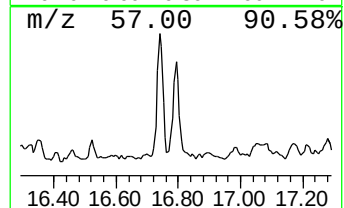
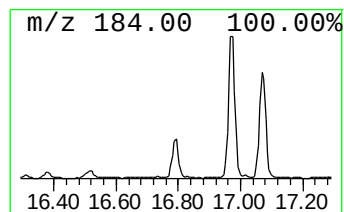
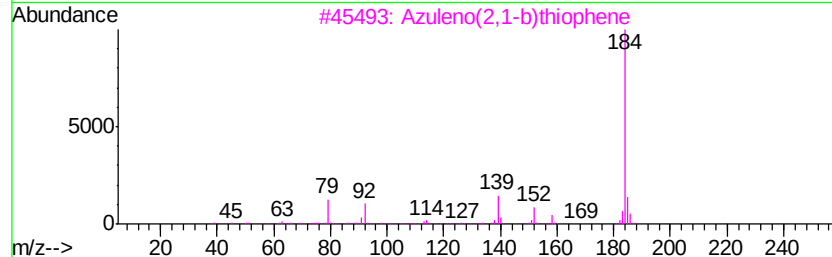
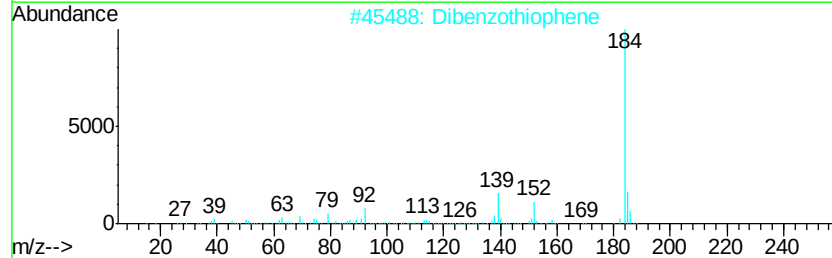
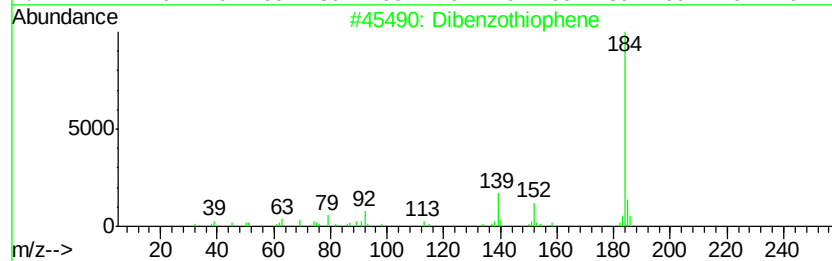
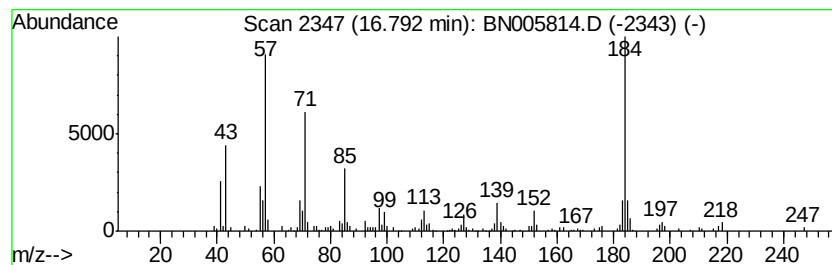
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.79	2.45 ng/ul	243119	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	78
2	Dibenzothiophene	184	C12H8S	000132-65-0	60
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
4	Dibenzothiophene	184	C12H8S	000132-65-0	60
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60



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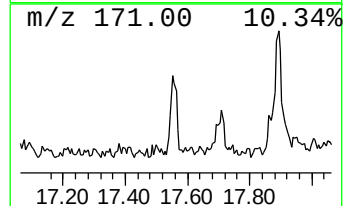
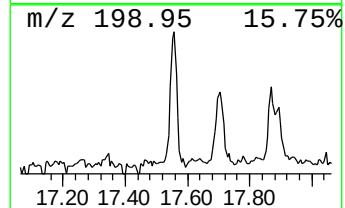
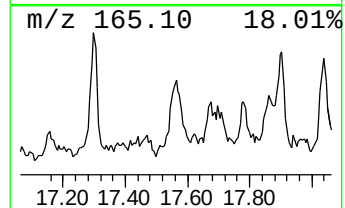
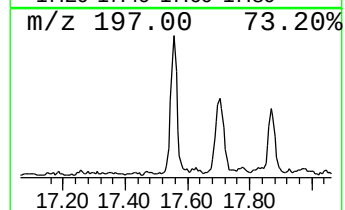
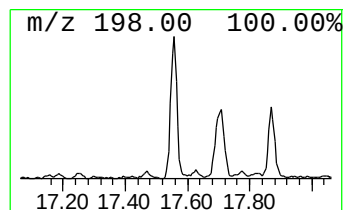
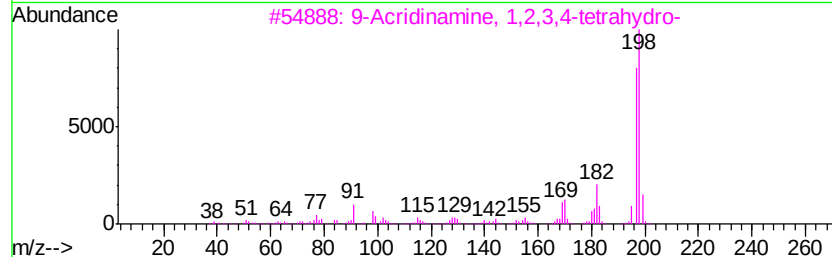
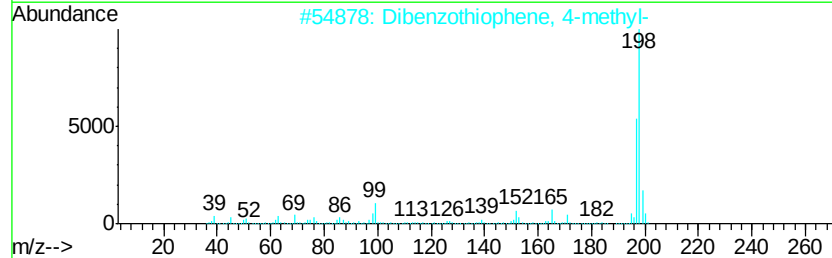
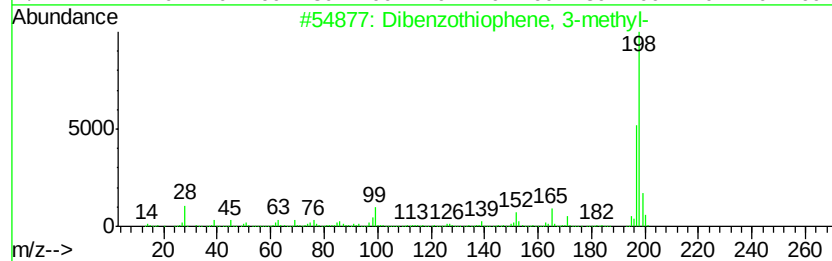
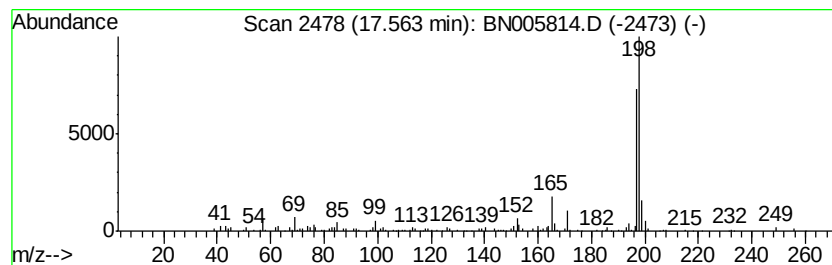
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Peak Number 3 Dibenzothiophene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.37 ng/ul	235891	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5		9H-Pyrido[3,4-b]indole, 8-hydrox...	198	C12H10N2O	1000248-36-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
Operator : JU/SJ
Sample : K2693-13
Misc :
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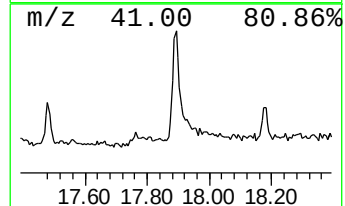
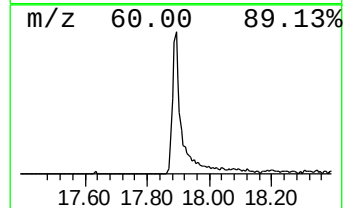
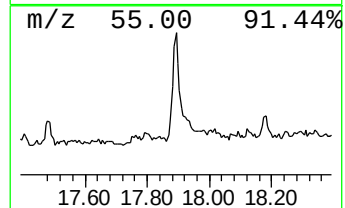
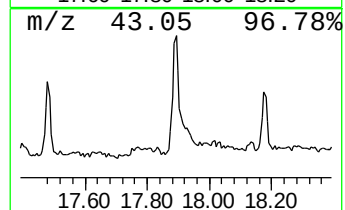
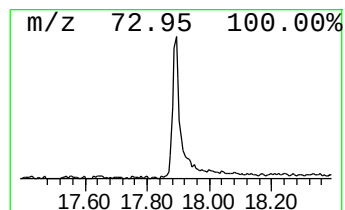
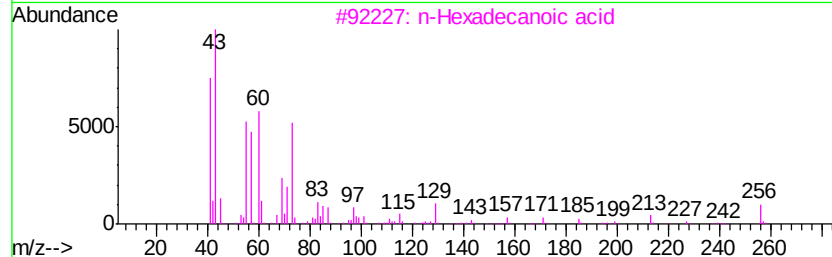
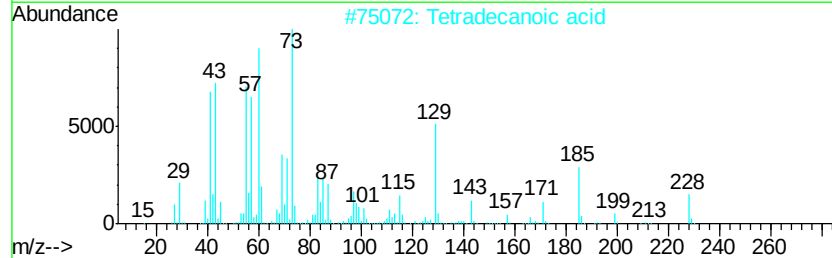
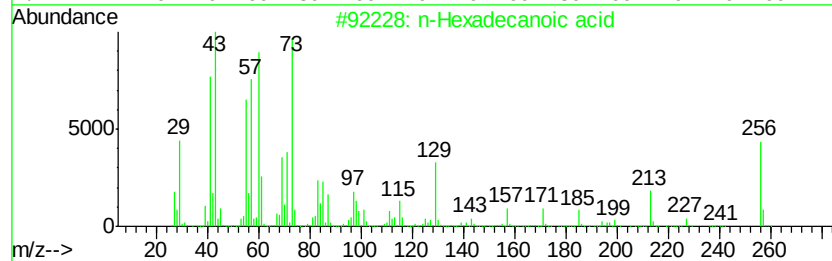
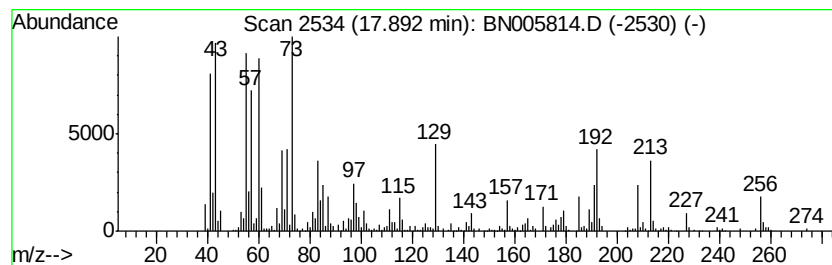
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	6.51 ng/ul	646369	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
Operator : JU/SJ
Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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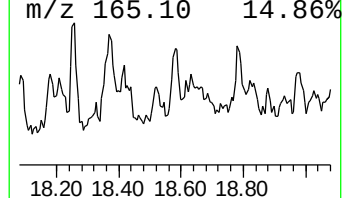
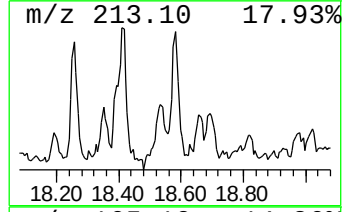
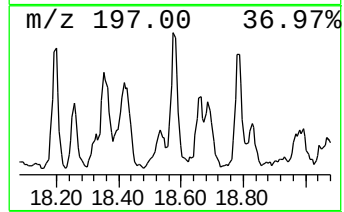
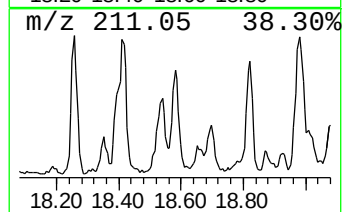
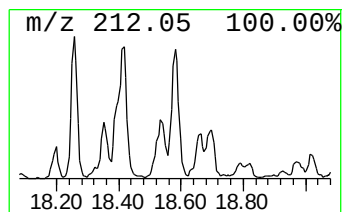
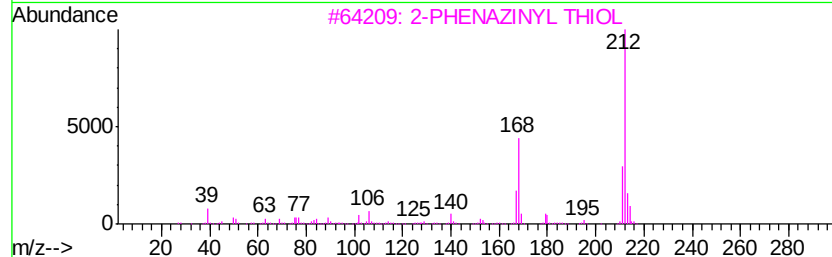
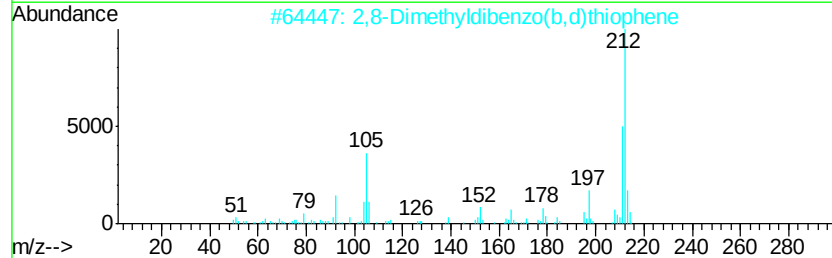
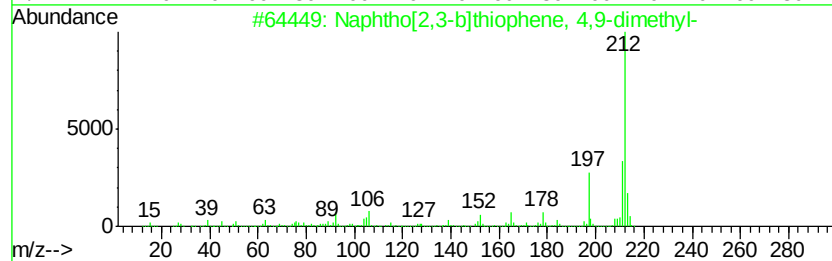
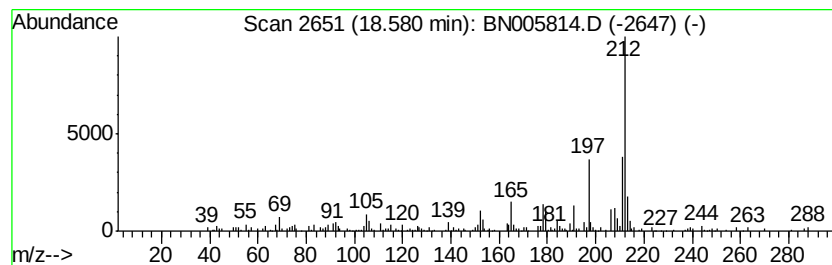
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.13 ng/ul	211789	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	87
2		2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	81
3		2-PHENAZINYL THIOL	212	C12H8N2S	1000239-97-8	52
4		2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	50
5		Harmine	212	C13H12N2O	000442-51-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
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Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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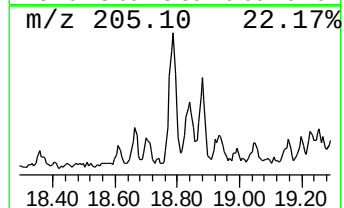
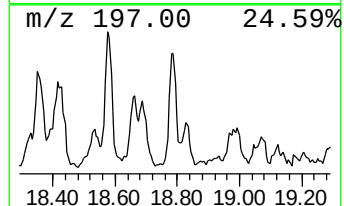
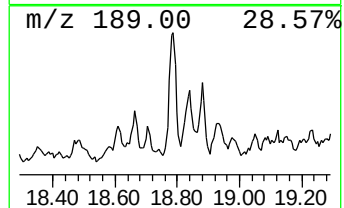
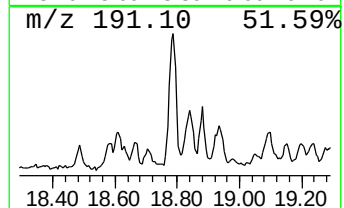
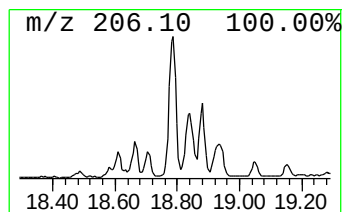
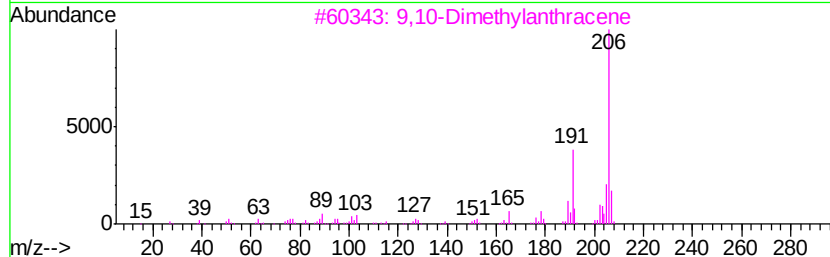
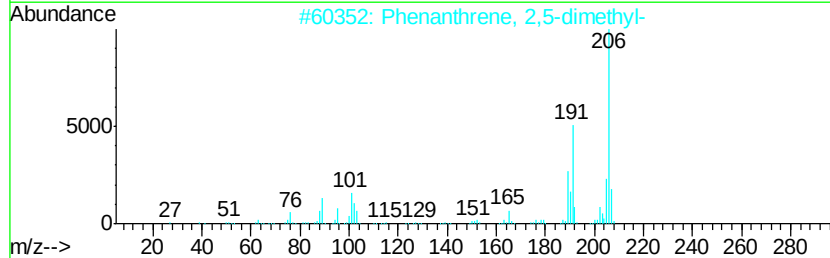
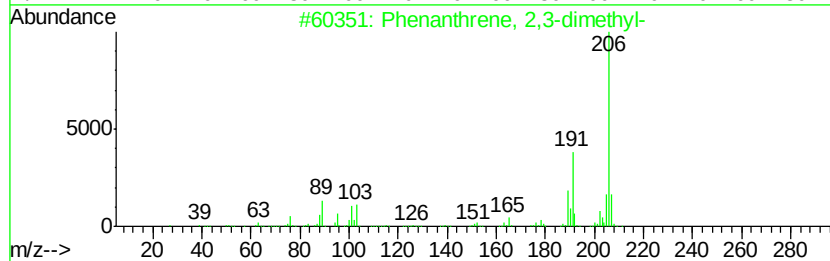
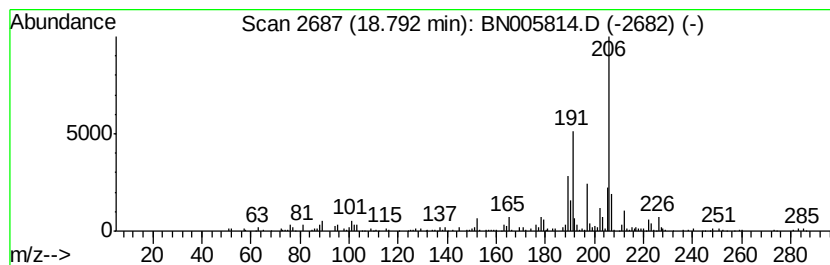
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.33 ng/ul	231584	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	89
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	86
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
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Sample : K2693-13
Misc :
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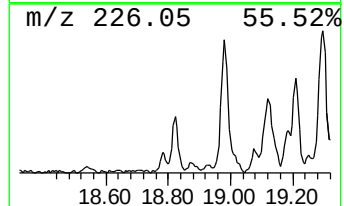
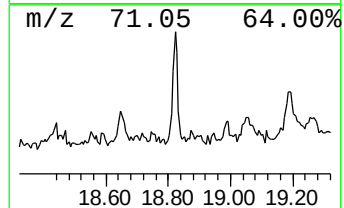
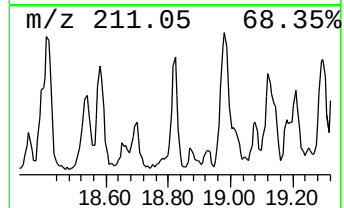
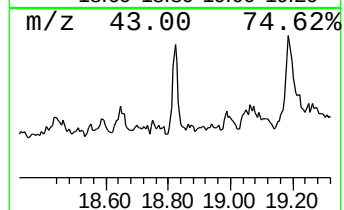
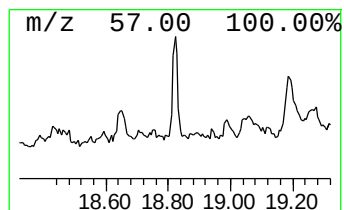
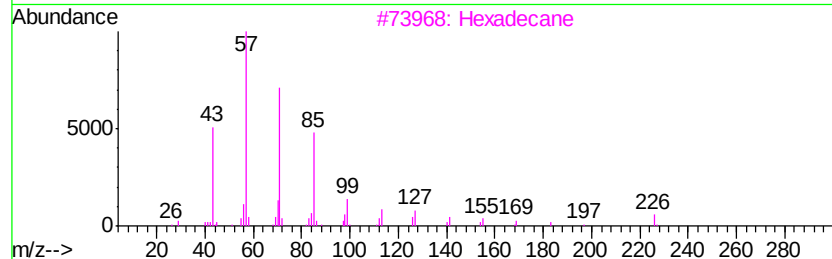
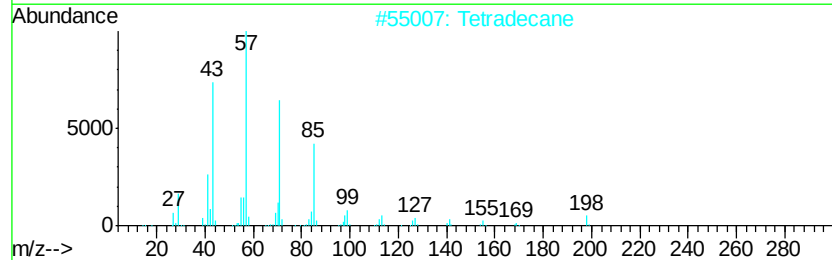
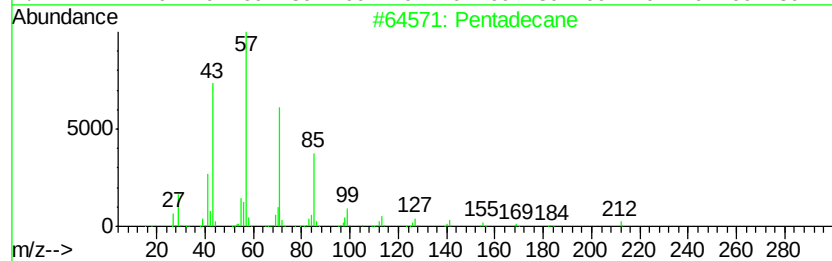
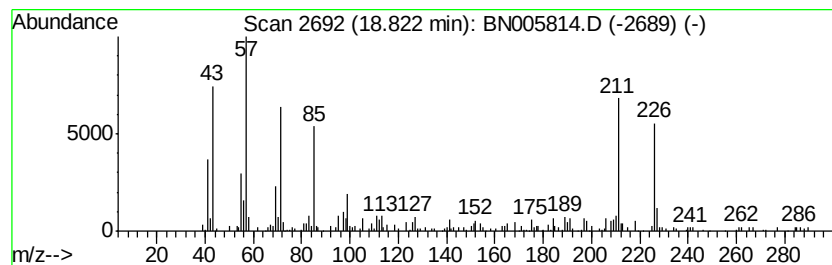
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.71 ng/ul	268906	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	64
2			Tetradecane	198	C14H30	000629-59-4	56
3			Hexadecane	226	C16H34	000544-76-3	52
4			Pentadecane	212	C15H32	000629-62-9	46
5			Tridecane	184	C13H28	000629-50-5	42



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Acq On : 20 May 2019 23:47
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Misc :
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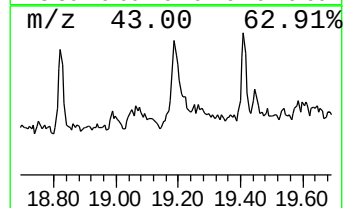
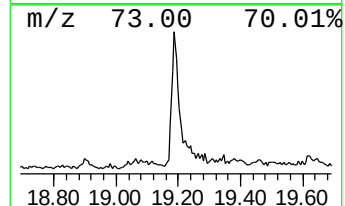
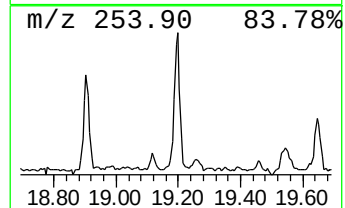
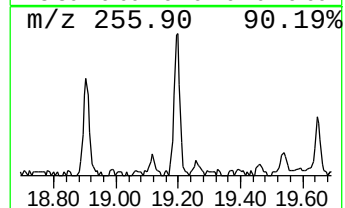
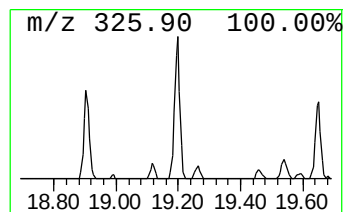
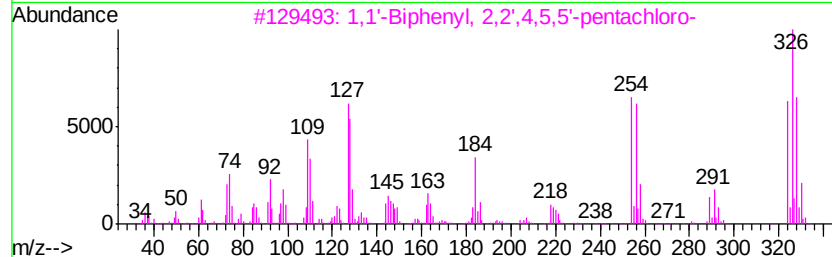
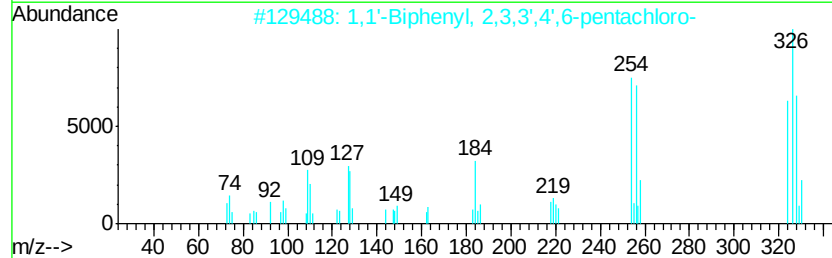
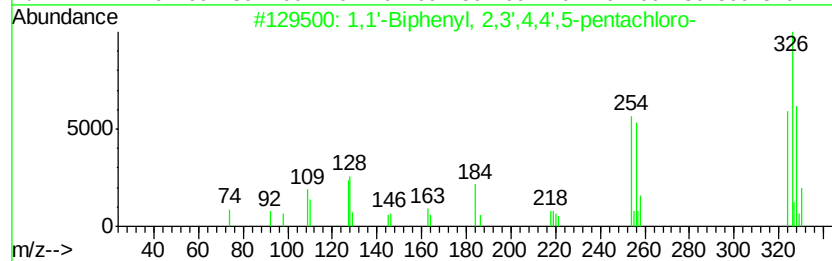
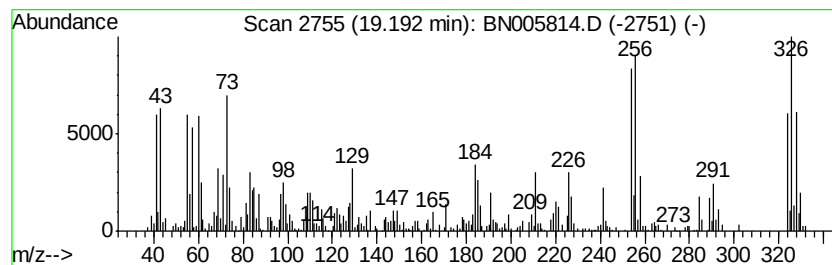
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	5.61 ng/ul	651954	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
2		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
3		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	94
5		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
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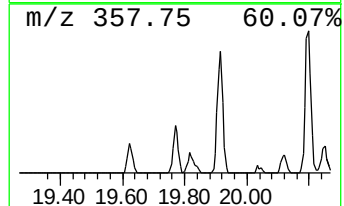
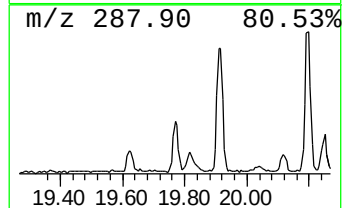
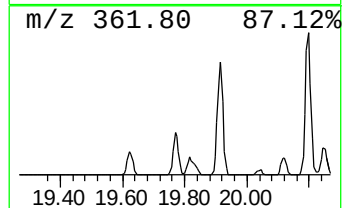
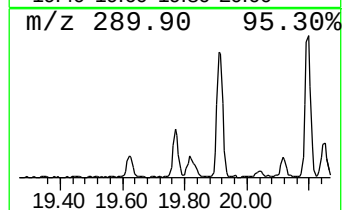
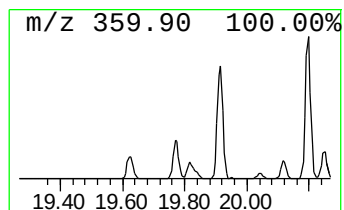
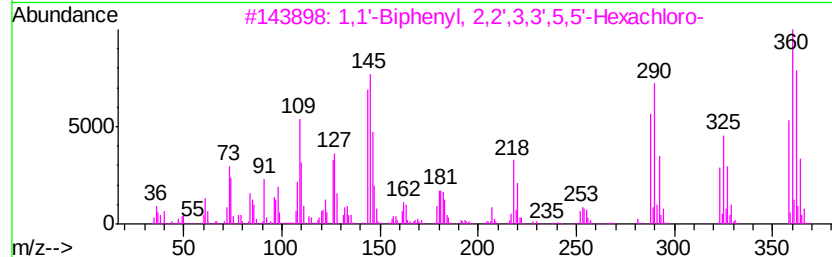
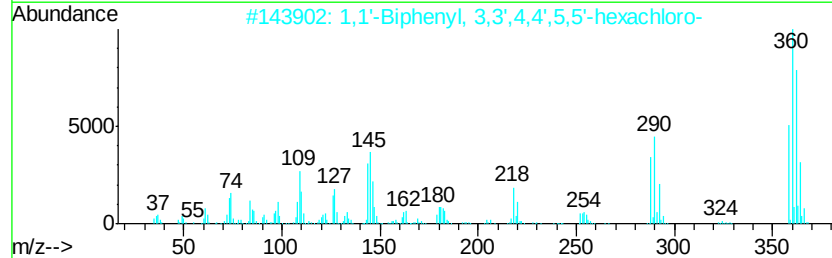
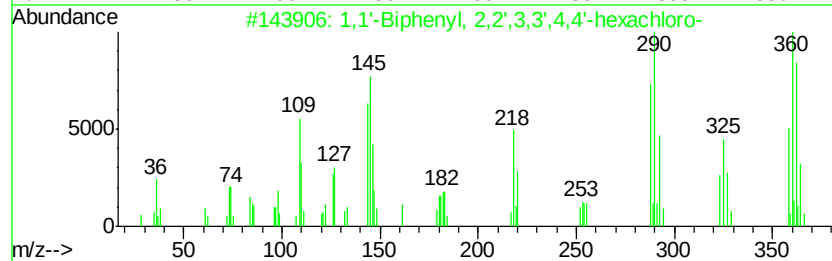
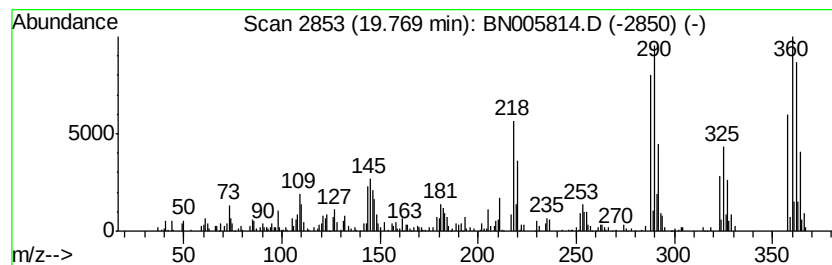
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.07 ng/ul	241068	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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
4		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
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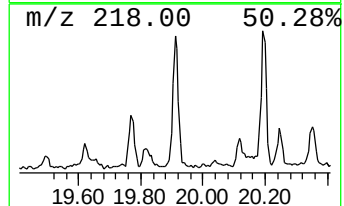
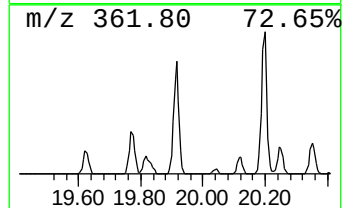
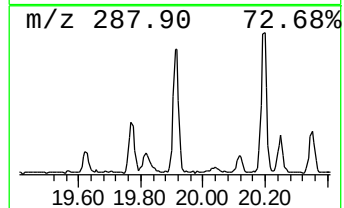
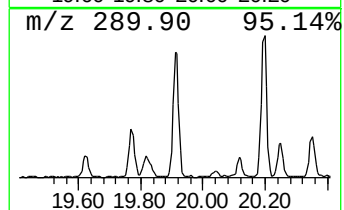
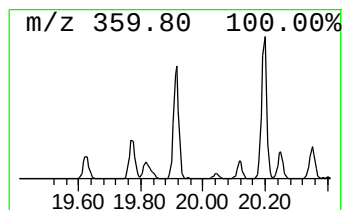
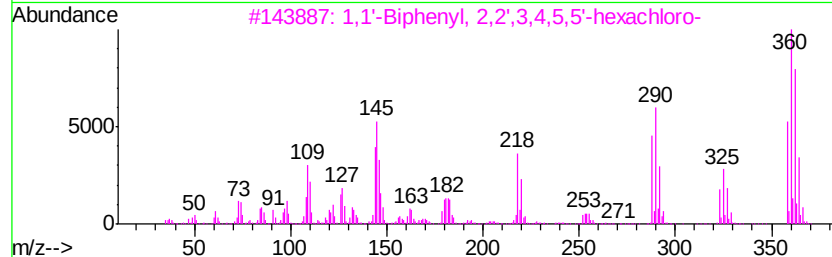
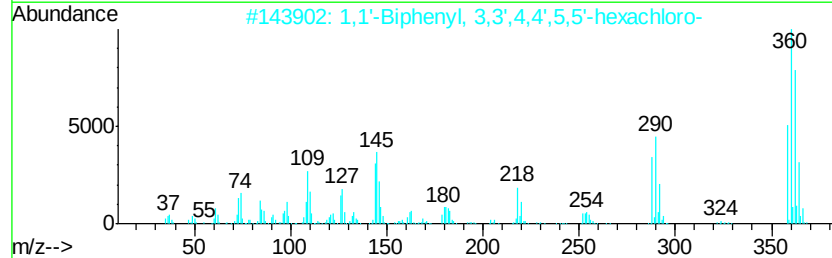
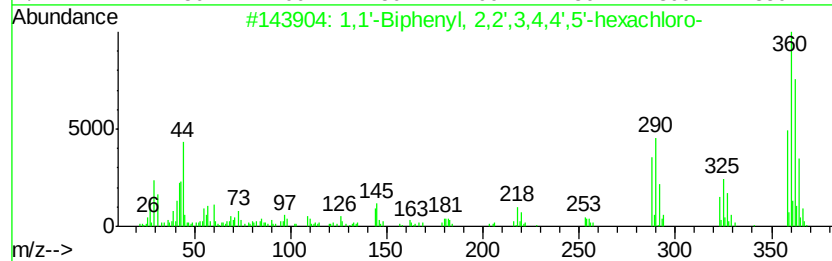
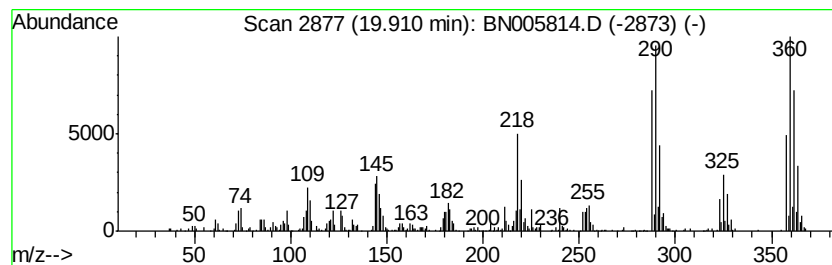
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	5.64 ng/ul	655537	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',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
Operator : JU/SJ
Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

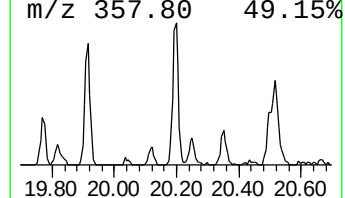
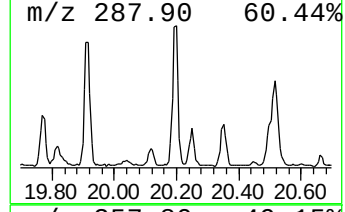
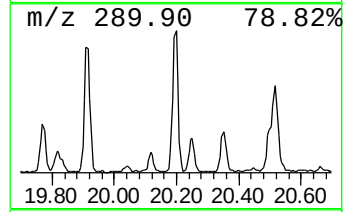
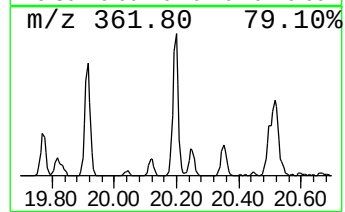
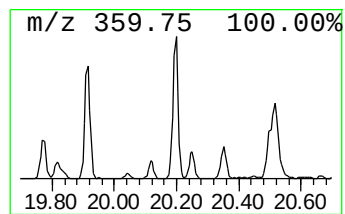
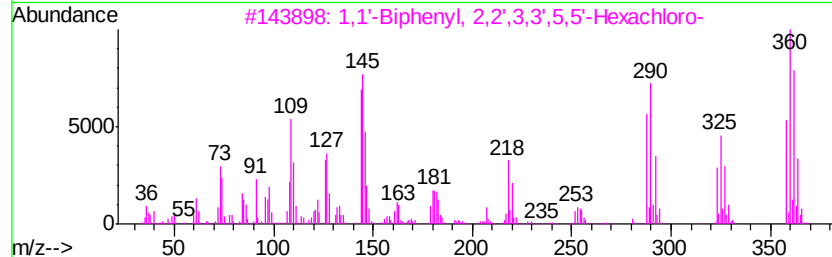
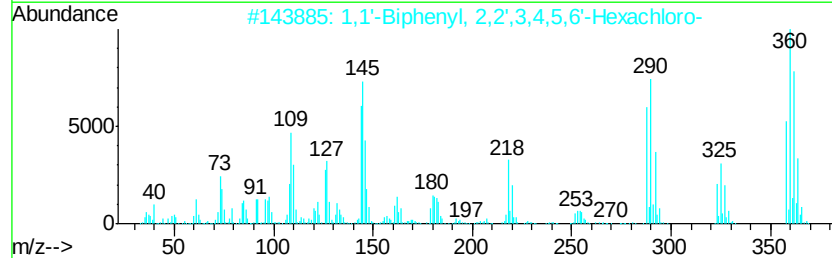
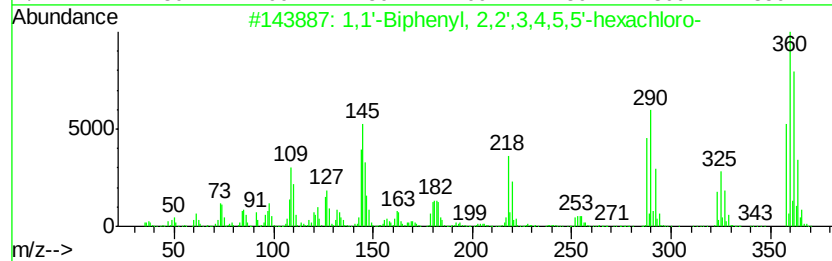
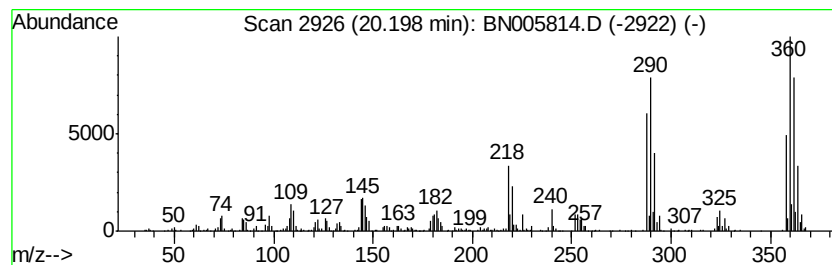
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.20	5.43 ng/ul	631462	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	96
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95
3	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	95
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	94
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
Operator : JU/SJ
Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

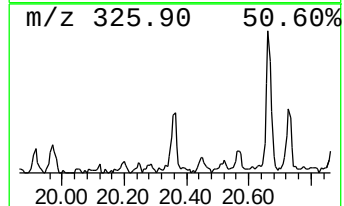
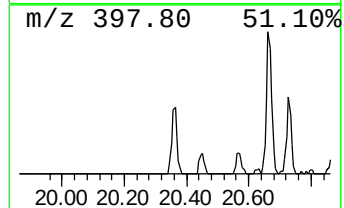
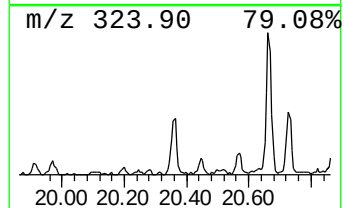
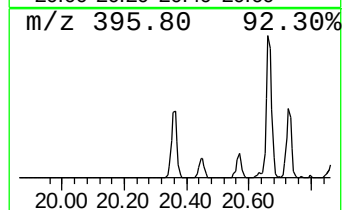
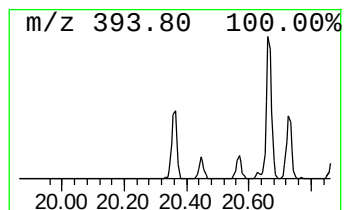
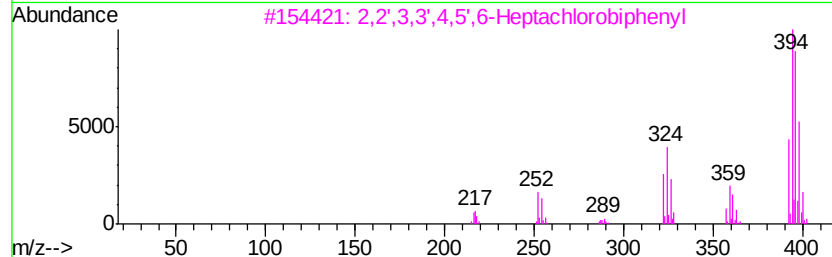
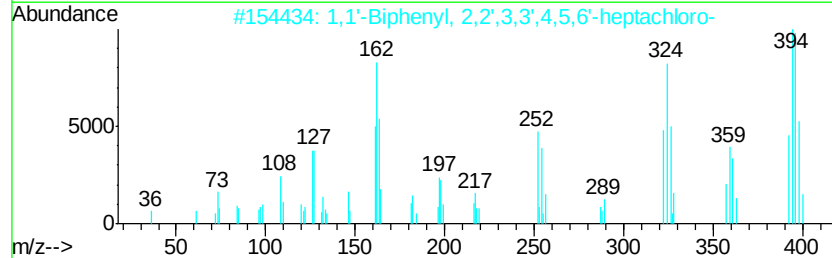
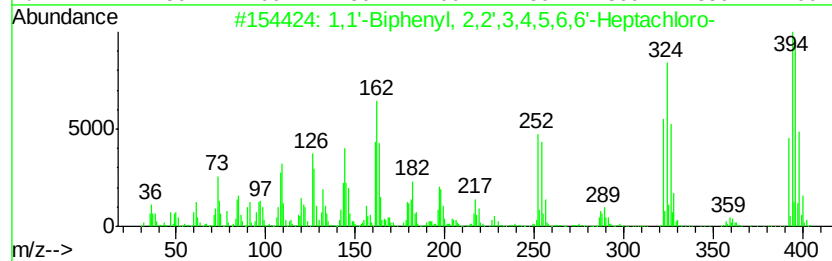
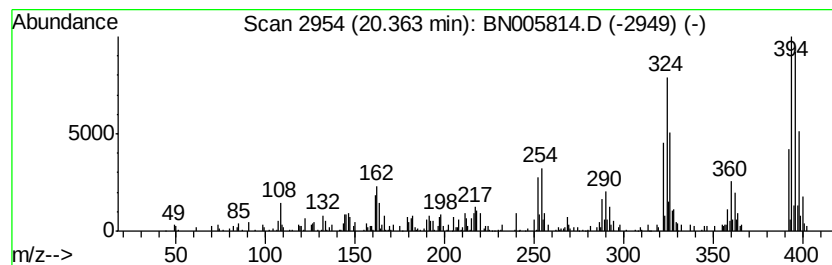
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.36	2.23 ng/ul	259164	Chrysene-d12	21.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	98
2	1,1'-Biphenyl,	2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	95
3	2,2',3,3',4,5',6-Heptachlorobiph...		392	C12H3Cl7	040186-70-7	95
4	1,1'-Biphenyl,	2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	95
5	1,1'-Biphenyl,	2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
Operator : JU/SJ
Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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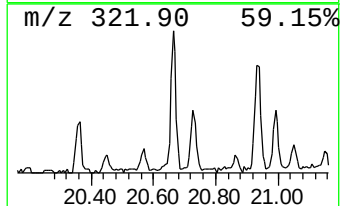
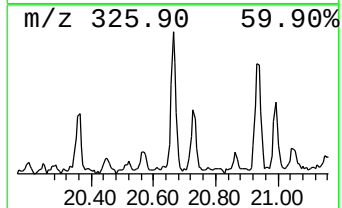
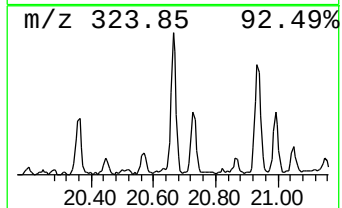
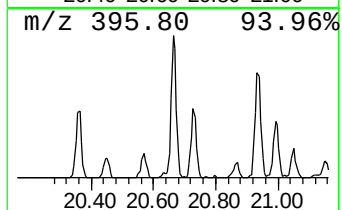
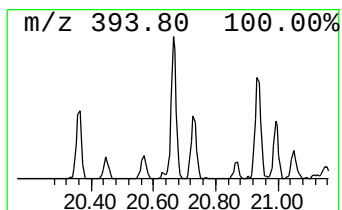
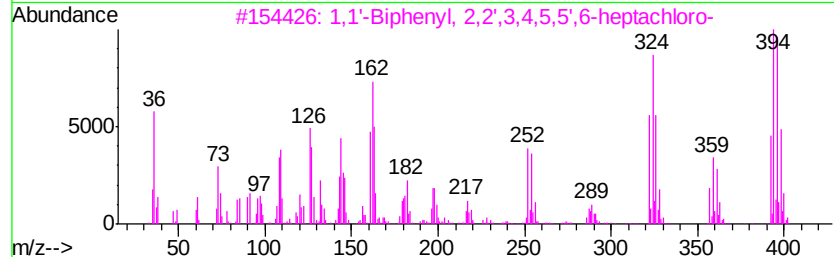
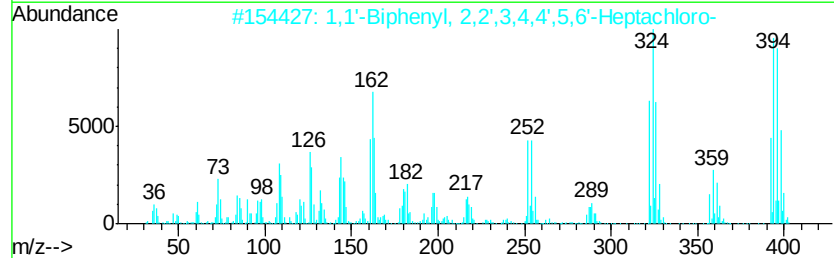
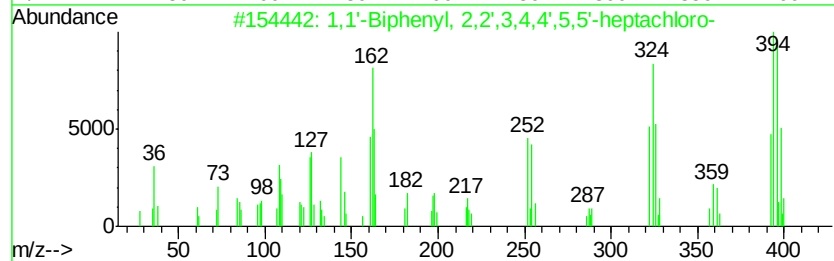
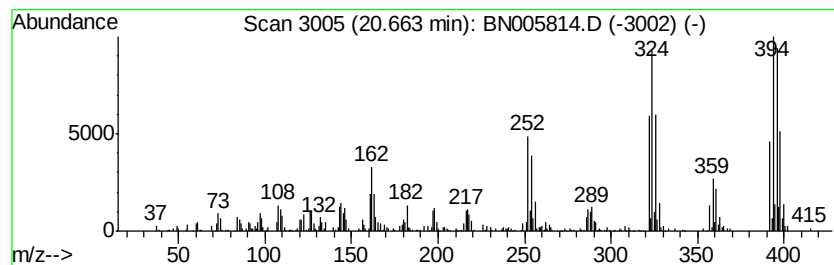
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	3.34 ng/ul	388356	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2		1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
3		1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	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',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
Operator : JU/SJ
Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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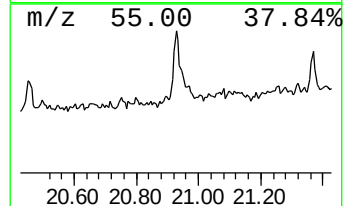
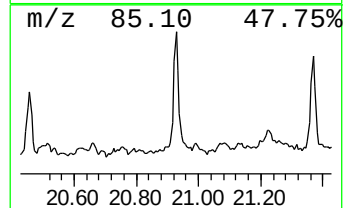
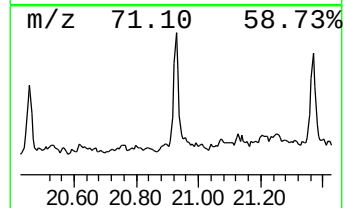
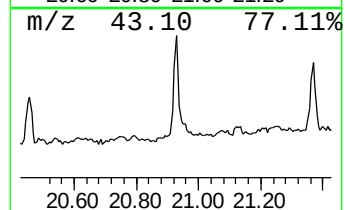
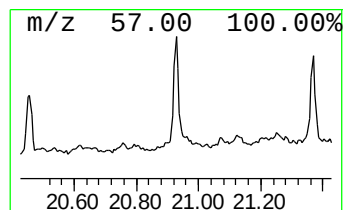
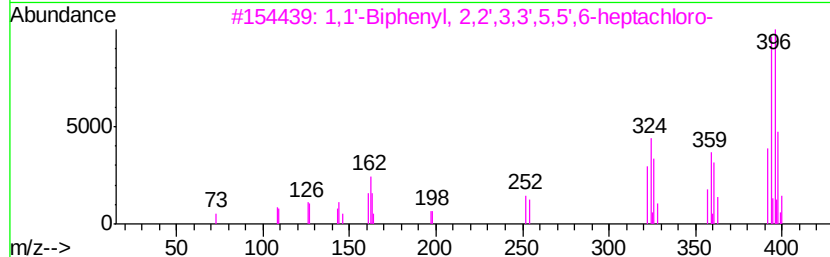
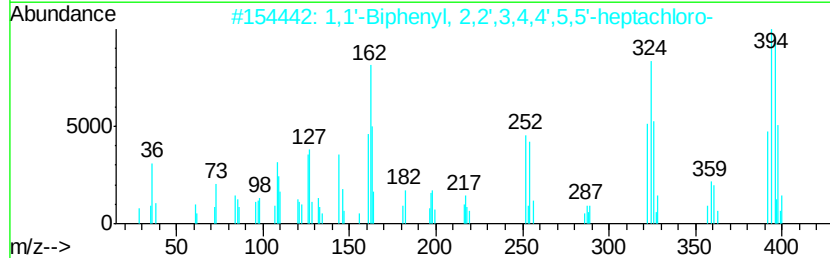
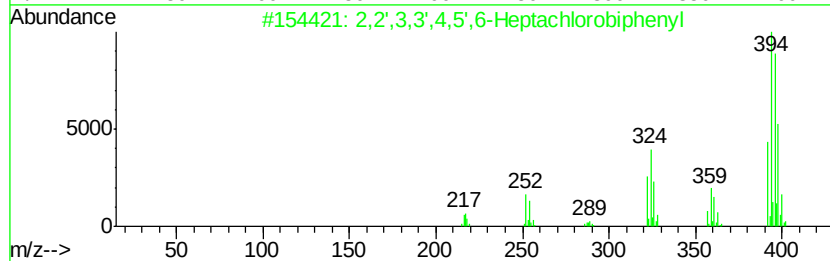
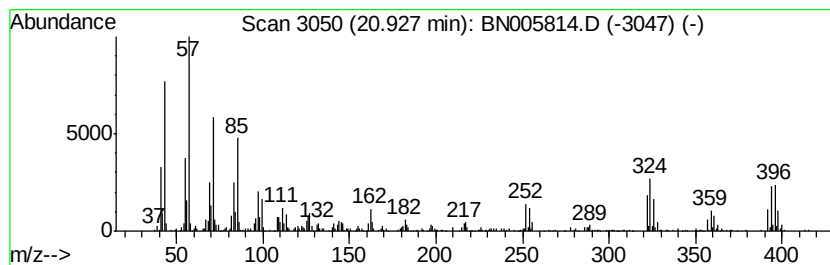
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	6.36 ng/ul	739246	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99		
3	1,1'-Biphenyl, 2,2',3,3',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, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
Operator : JU/SJ
Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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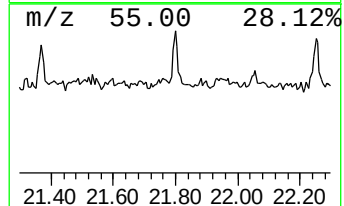
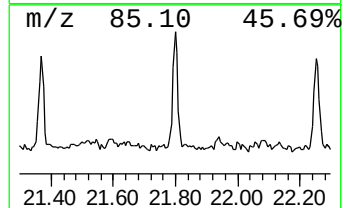
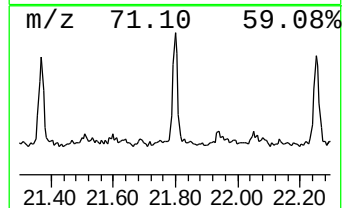
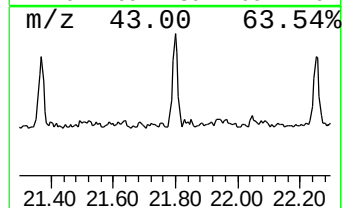
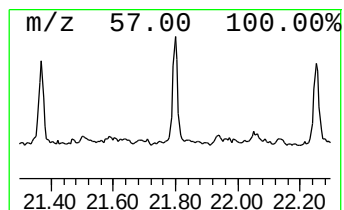
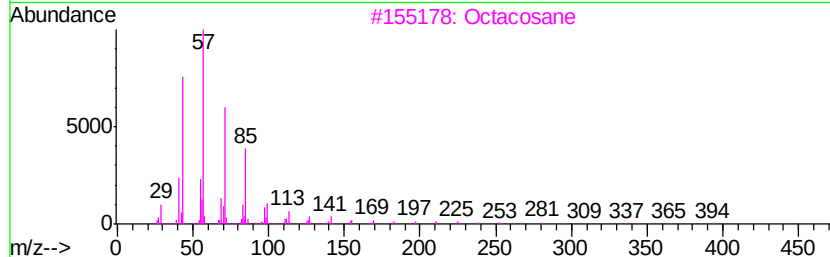
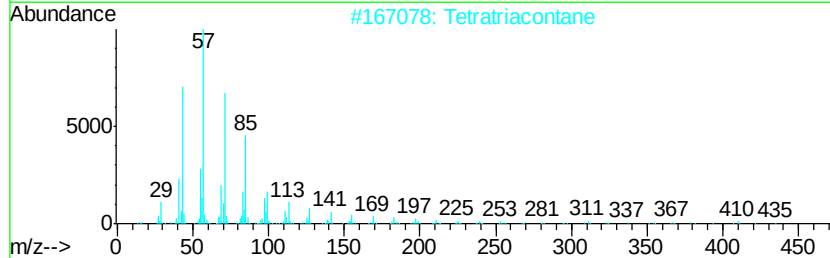
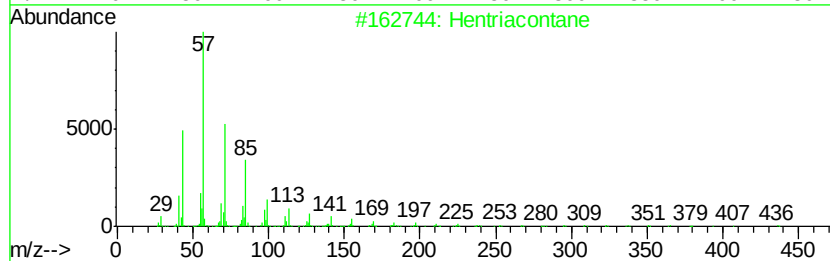
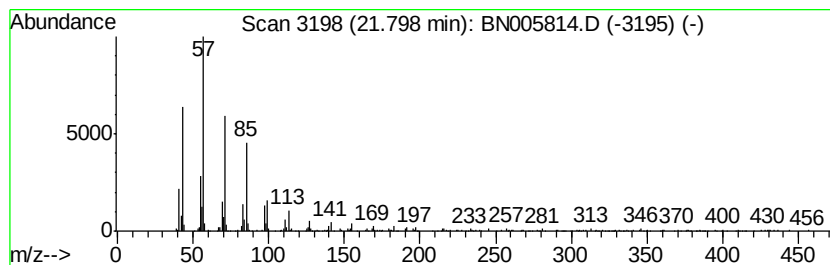
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.33 ng/ul	271186	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	94
2			Tetratriacontane	479	C34H70	014167-59-0	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Nonacosane	408	C29H60	000630-03-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
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Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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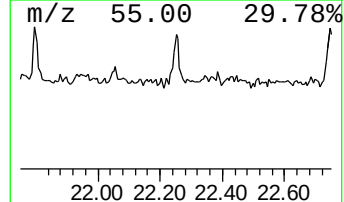
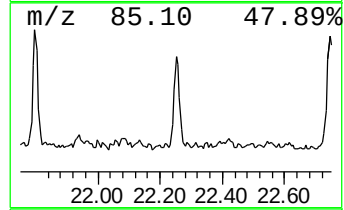
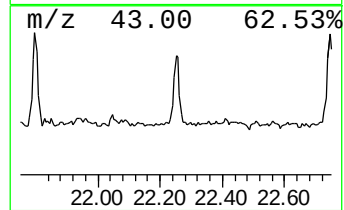
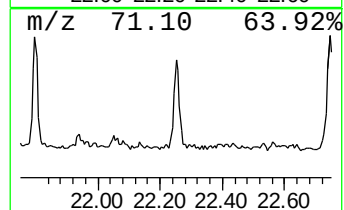
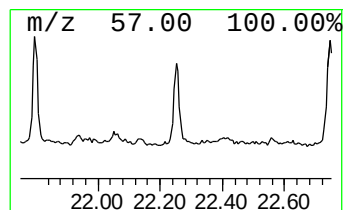
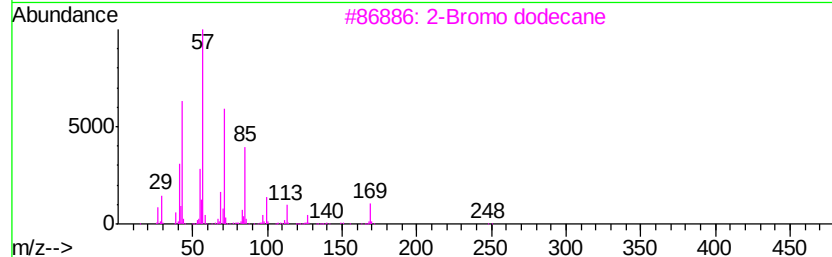
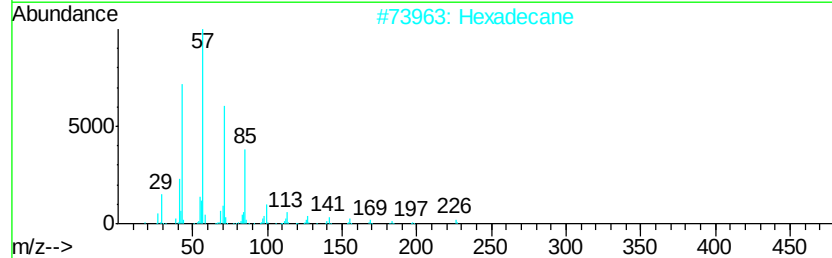
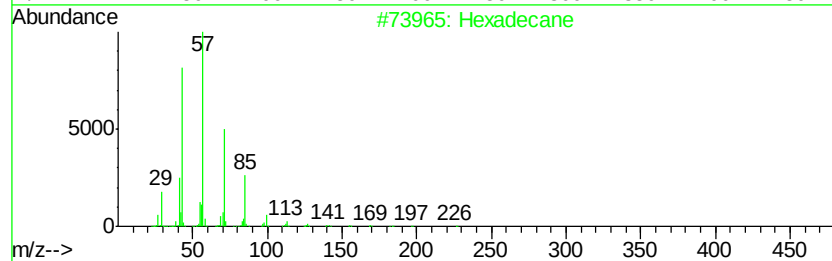
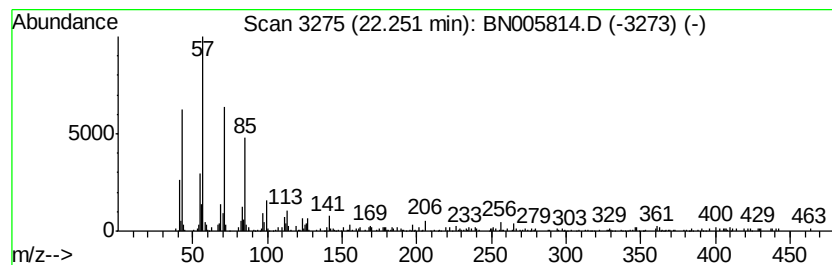
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.00 ng/ul	232586	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexadecane	226	C16H34	000544-76-3	95
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4		Hexadecane	226	C16H34	000544-76-3	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005814.D
Acq On : 20 May 2019 23:47
Operator : JU/SJ
Sample : K2693-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH64

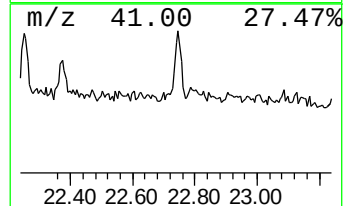
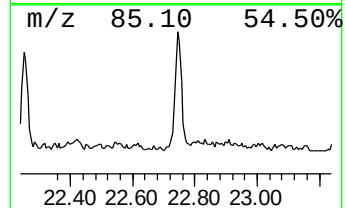
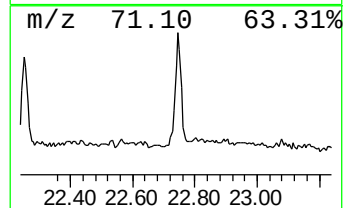
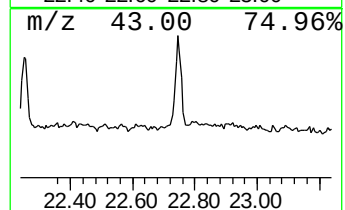
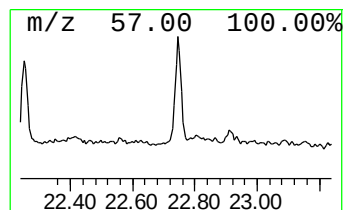
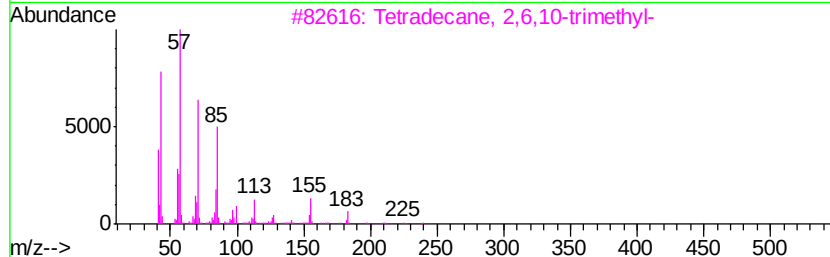
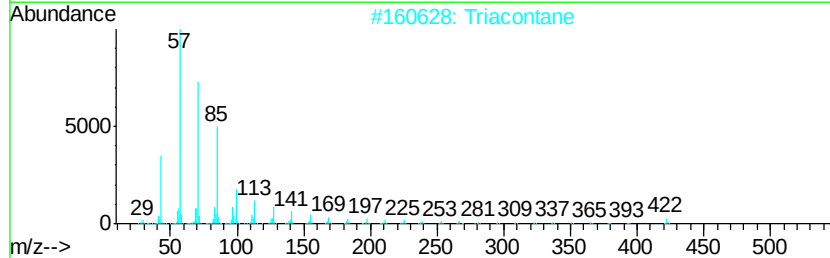
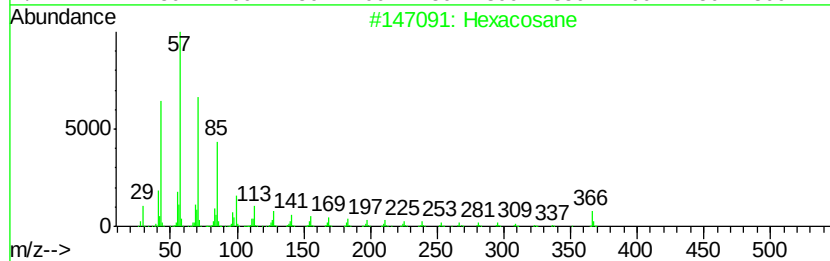
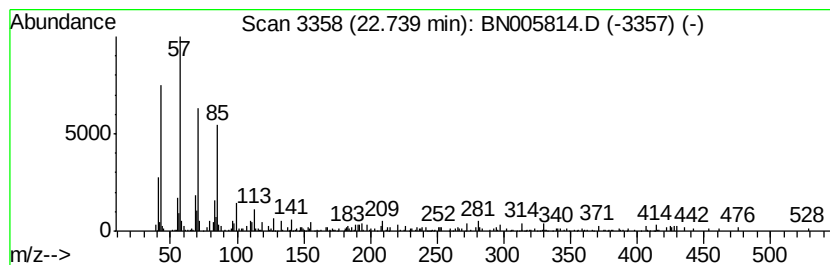
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	4.01 ng/ul	329879	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		triacontane	422	C30H62	000638-68-6	93
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
4		Eicosane	282	C20H42	000112-95-8	93
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
 Data File : BN005814.D
 Acq On : 20 May 2019 23:47
 Operator : JU/SJ
 Sample : K2693-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH64

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
(DEL) Alkane: Str...	15.95	3.1	ng/ul	306110	4	16.97	1986520	20.0
Dibenzothiophene	16.79	2.5	ng/ul	243119	4	16.97	1986520	20.0
Dibenzothiophene,...	17.56	2.4	ng/ul	235891	4	16.97	1986520	20.0
n-Hexadecanoic acid	17.89	6.5	ng/ul	646369	4	16.97	1986520	20.0
Naphtho[2,3-b]thi...	18.58	2.1	ng/ul	211789	4	16.97	1986520	20.0
Phenanthrene, 2,3...	18.79	2.3	ng/ul	231584	4	16.97	1986520	20.0
(DEL) Alkane: Str...	18.82	2.7	ng/ul	268906	4	16.97	1986520	20.0
1,1'-Biphenyl, 2,...	19.19	5.6	ng/ul	651954	5	21.21	2324080	20.0
1,1'-Biphenyl, 2,...	19.77	2.1	ng/ul	241068	5	21.21	2324080	20.0
1,1'-Biphenyl, 2,...	19.91	5.6	ng/ul	655537	5	21.21	2324080	20.0
1,1'-Biphenyl, 2,...	20.20	5.4	ng/ul	631462	5	21.21	2324080	20.0
1,1'-Biphenyl, 2,...	20.36	2.2	ng/ul	259164	5	21.21	2324080	20.0
1,1'-Biphenyl, 2,...	20.66	3.3	ng/ul	388356	5	21.21	2324080	20.0
2,2',3,3',4,5',6-...	20.93	6.4	ng/ul	739246	5	21.21	2324080	20.0
(DEL) Alkane: Str...	21.80	2.3	ng/ul	271186	5	21.21	2324080	20.0
(DEL) Alkane: Str...	22.25	2.0	ng/ul	232586	5	21.21	2324080	20.0
(DEL) Alkane: Str...	22.74	4.0	ng/ul	329879	6	23.42	1645160	20.0