

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021687.D
 Acq On : 27 Jul 2019 13:44
 Operator : HP/JU
 Sample : K3893-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP17

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_M\METHODS\SOM-EPA-BM072619MA.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	6.863	653	659	670	rVB	536710	898710	22.78%	2.317%
2	7.034	682	688	696	rBV	424560	696599	17.66%	1.796%
3	7.216	713	719	726	rBV	645053	1011622	25.64%	2.608%
4	7.681	792	798	809	rVB	647644	1020057	25.86%	2.630%
5	8.392	913	919	930	rBV	643616	1077702	27.32%	2.779%
6	8.516	937	940	948	rVB3	26612	48132	1.22%	0.124%
7	8.845	990	996	1006	rBV	608991	1015483	25.74%	2.618%
8	9.557	1111	1117	1126	rBV	505198	843170	21.37%	2.174%
9	9.639	1127	1131	1136	rVB	34956	52401	1.33%	0.135%
10	10.092	1201	1208	1223	rBV	754725	1332811	33.78%	3.436%
11	10.463	1264	1271	1278	rBV	875517	1409173	35.72%	3.633%
12	10.622	1290	1298	1315	rVB	475277	1026523	26.02%	2.647%
13	11.269	1404	1408	1415	rVB5	6091	12254	0.31%	0.032%
14	11.669	1472	1476	1482	rVB5	4523	9581	0.24%	0.025%
15	11.880	1507	1512	1515	rVB3	3626	6589	0.17%	0.017%
16	12.057	1538	1542	1548	rVB	13050	20327	0.52%	0.052%
17	12.157	1551	1559	1567	rBV3	34737	64344	1.63%	0.166%
18	12.357	1588	1593	1596	rBV2	2948	5127	0.13%	0.013%
19	12.469	1606	1612	1615	rBV6	3360	5742	0.15%	0.015%
20	12.604	1629	1635	1637	rBV5	2875	4444	0.11%	0.011%
21	12.663	1640	1645	1653	rVB6	10145	22736	0.58%	0.059%
22	12.921	1685	1689	1694	rBV4	17710	31750	0.80%	0.082%
23	13.074	1705	1715	1722	rBV6	11012	30095	0.76%	0.078%
24	13.139	1722	1726	1727	rBV4	4168	6168	0.16%	0.016%
25	13.310	1748	1755	1758	rBV5	9691	20453	0.52%	0.053%
26	13.433	1774	1776	1781	rVB6	4908	5329	0.14%	0.014%
27	13.533	1787	1793	1797	rBV8	5150	11593	0.29%	0.030%
28	13.633	1804	1810	1816	rBV3	49555	88667	2.25%	0.229%
29	13.692	1816	1820	1823	rVV3	32524	48289	1.22%	0.125%
30	13.745	1823	1829	1834	rVV	1339493	2040573	51.72%	5.261%
31	13.792	1834	1837	1844	rVB	261547	353599	8.96%	0.912%
32	13.951	1861	1864	1869	rBV6	11538	23140	0.59%	0.060%
33	14.021	1869	1876	1885	rVV	1544700	2311605	58.59%	5.960%
34	14.092	1885	1888	1893	rVB4	23973	37571	0.95%	0.097%

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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P

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

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35	14.139	1893	1896	1901	rVB6	11029	15706	0.40%	0.040%
36	14.204	1905	1907	1912	rVB5	15194	20619	0.52%	0.053%
37	14.268	1914	1918	1921	rBV5	15884	27325	0.69%	0.070%
38	14.327	1921	1928	1934	rBV	1226978	1805546	45.77%	4.655%
39	14.398	1934	1940	1943	rBV5	33878	68397	1.73%	0.176%
40	14.563	1961	1968	1976	rBV	168219	342063	8.67%	0.882%
41	14.651	1979	1983	1985	rVB5	20779	31415	0.80%	0.081%
42	14.739	1994	1998	2001	rBV5	16693	24926	0.63%	0.064%
43	15.092	2054	2058	2067	rBV4	41751	102438	2.60%	0.264%
44	15.327	2092	2098	2104	rBV	1860631	2669502	67.66%	6.883%
45	15.468	2118	2122	2128	rVB2	88836	126656	3.21%	0.327%
46	17.080	2391	2396	2400	rBV2	1240952	1838895	46.61%	4.741%
47	17.121	2400	2403	2408	rVB	293393	413706	10.49%	1.067%
48	17.180	2408	2413	2422	rBV2	1755290	2584170	65.50%	6.663%
49	17.974	2545	2548	2552	rBV3	263496	375152	9.51%	0.967%
50	18.151	2574	2578	2583	rBV2	411061	506952	12.85%	1.307%
51	18.209	2585	2588	2591	rVB	204066	246343	6.24%	0.635%
52	18.439	2623	2627	2631	rBV	332761	472212	11.97%	1.218%
53	19.145	2744	2747	2752	rVB	572587	711567	18.04%	1.835%
54	19.480	2800	2804	2808	rBV	2131955	2965710	75.17%	7.647%
55	21.274	3105	3109	3113	rVB	1474159	1919294	48.65%	4.949%
56	23.368	3461	3465	3483	rVB2	1837877	3945179	100.00%	10.172%
57	23.515	3486	3490	3496	rVB2	1155315	1977871	50.13%	5.100%

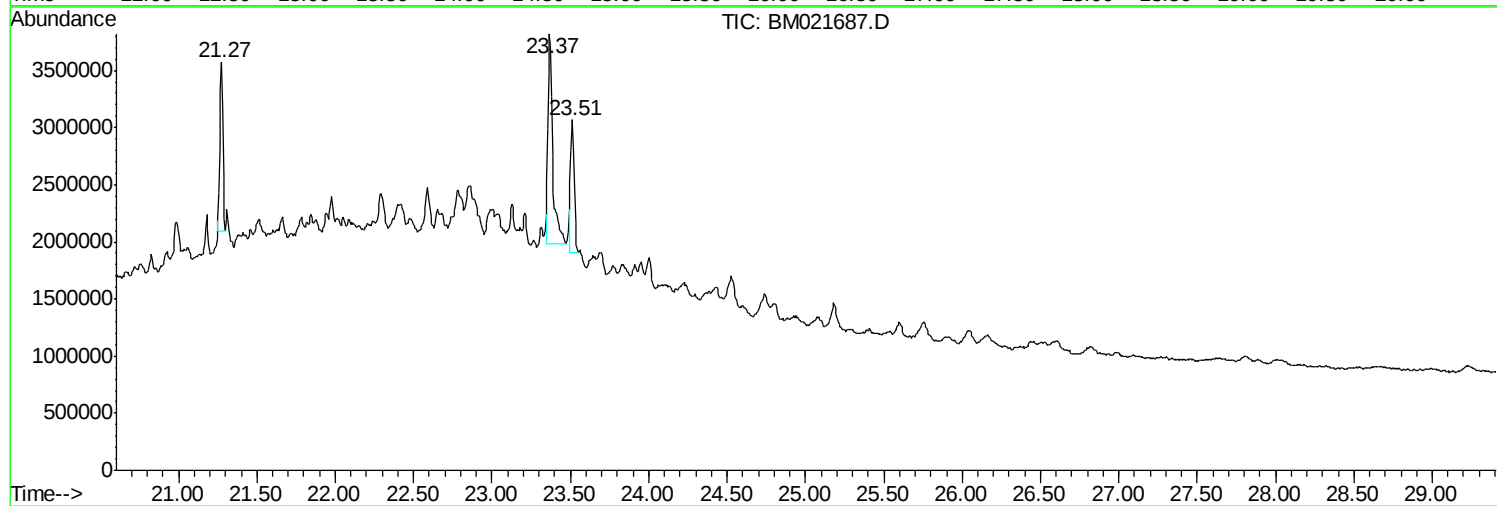
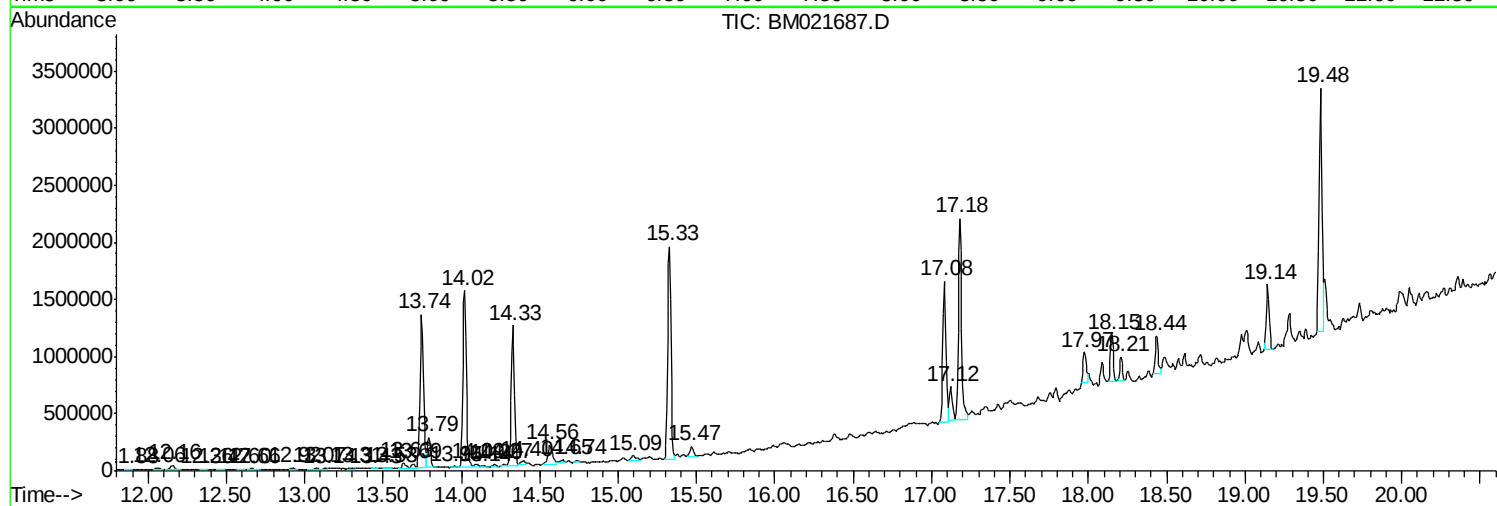
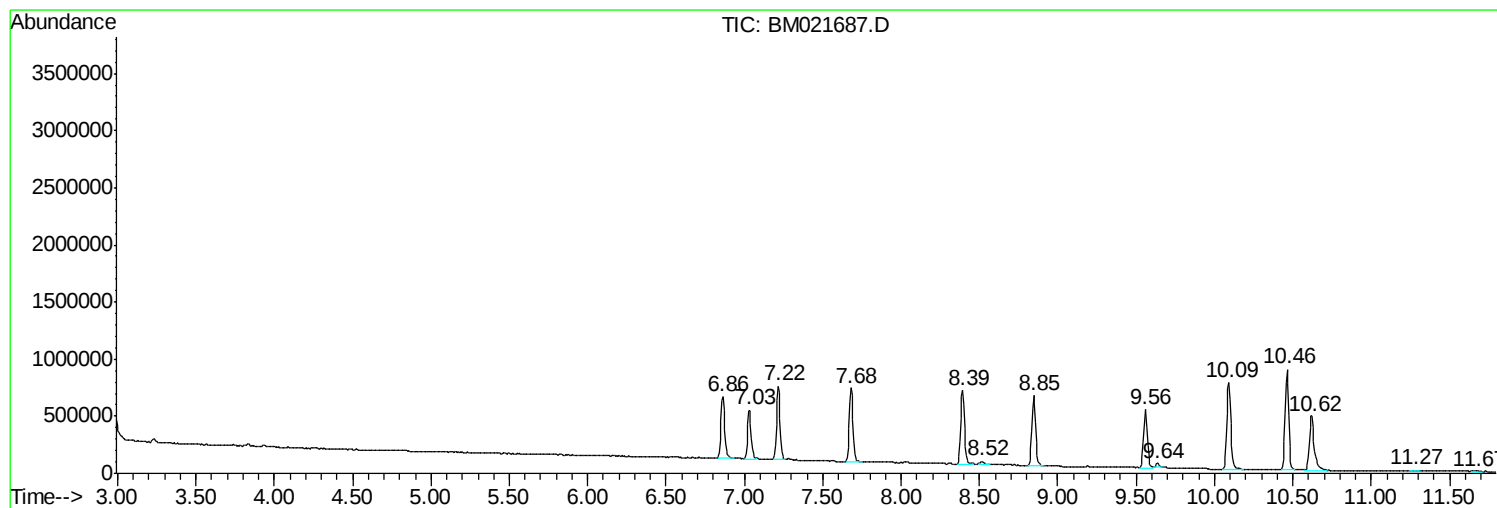
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Quant Title : SVOA CALIBRATION

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



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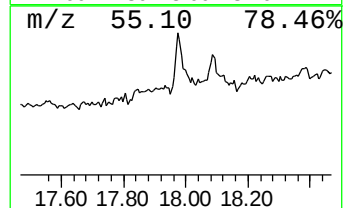
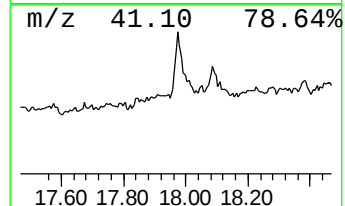
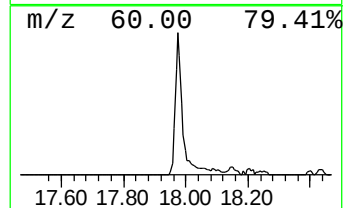
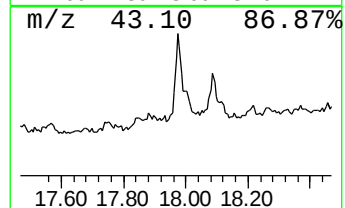
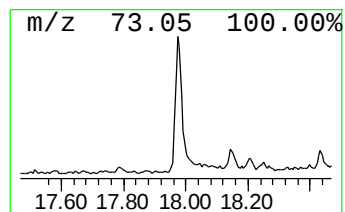
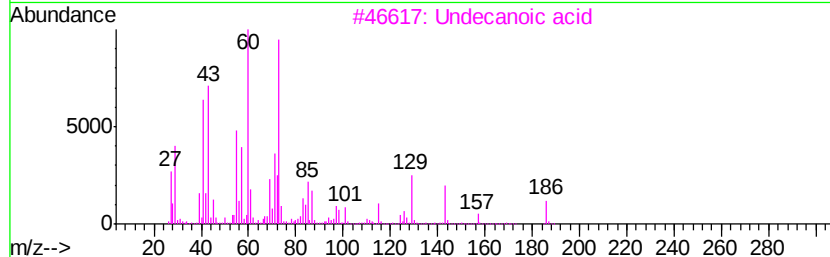
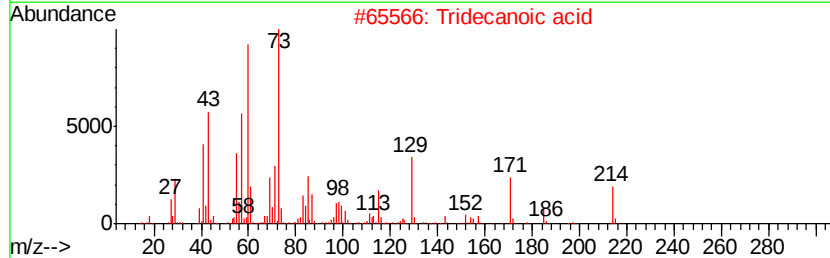
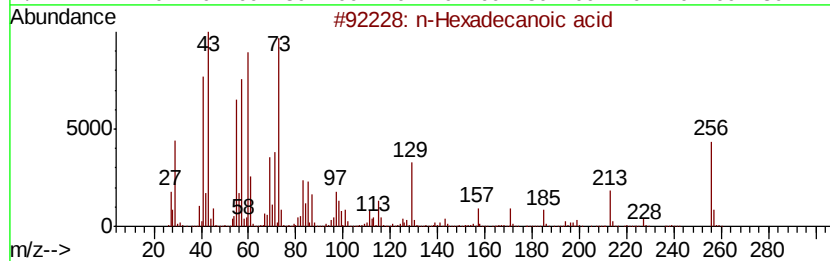
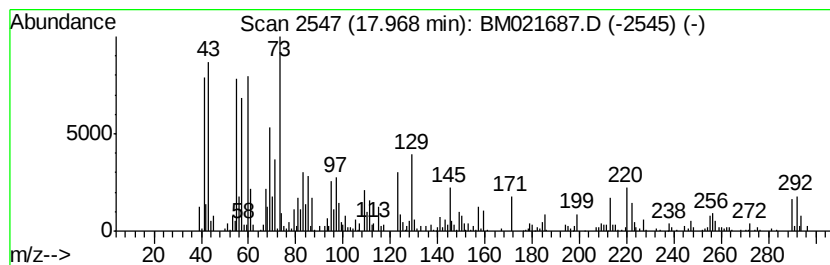
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.97	4.08 ng/ul	375152	Phenanthrene-d10	17.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	41	
3	Undecanoic acid	186	C11H22O2	000112-37-8	41	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35	



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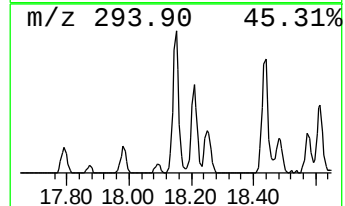
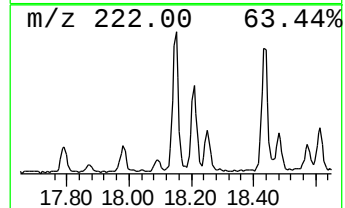
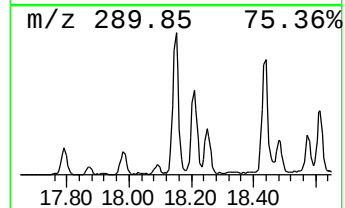
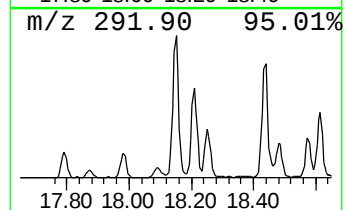
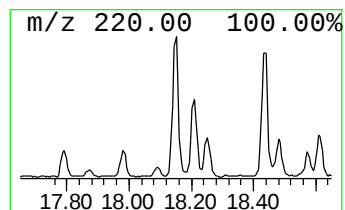
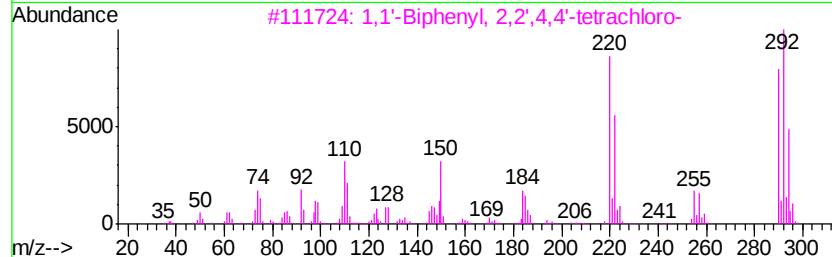
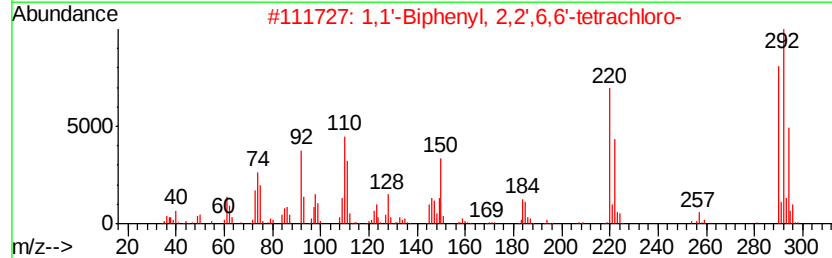
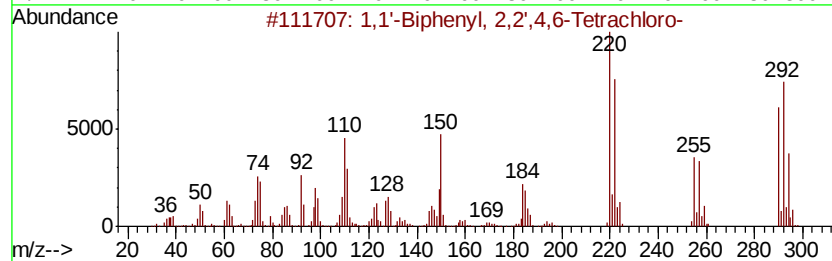
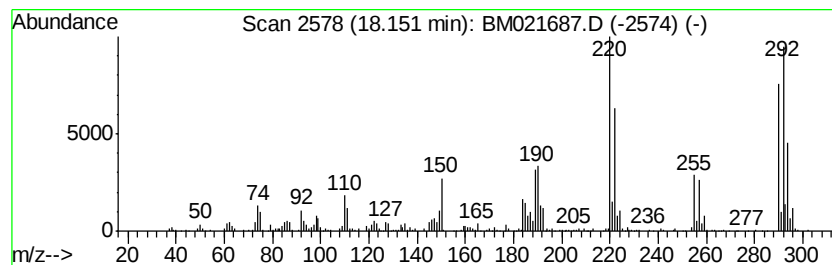
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	5.51 ng/ul	506952	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2			1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4			1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



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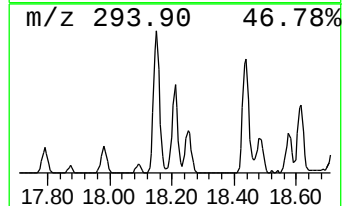
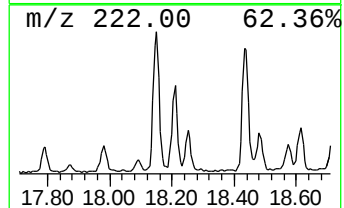
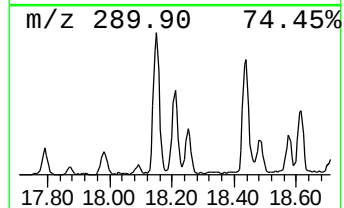
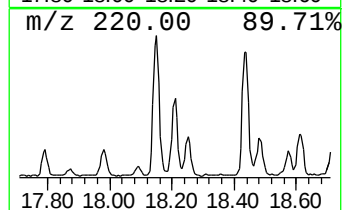
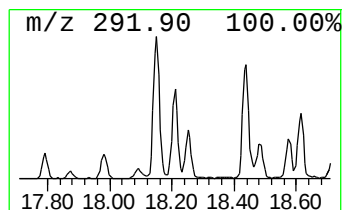
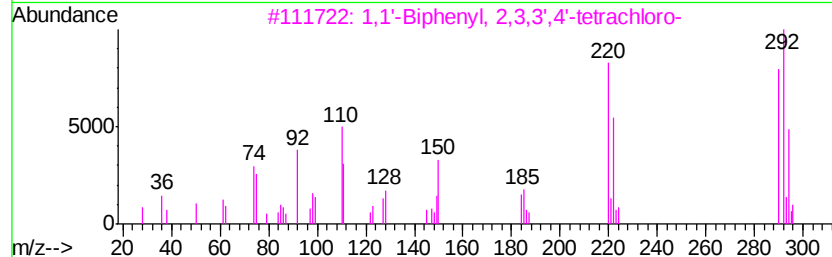
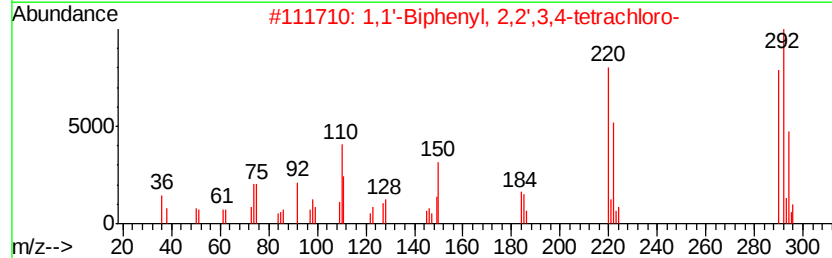
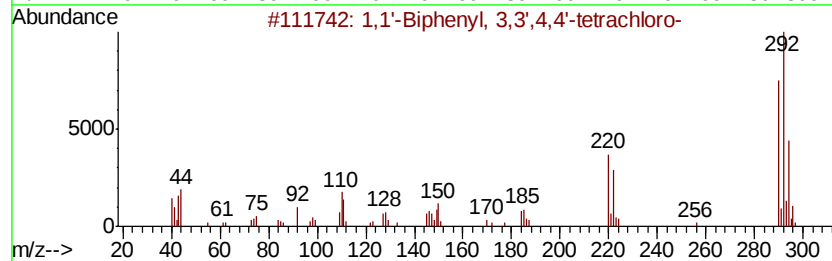
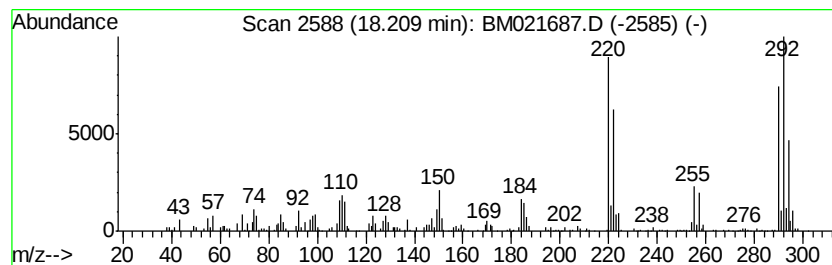
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	2.68 ng/ul	246343	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2		1,1'-Biphenyl, 2,2',3,4'-tetrachl...	290	C12H6Cl4	052663-59-9	99
3		1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	98
4		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
5		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96



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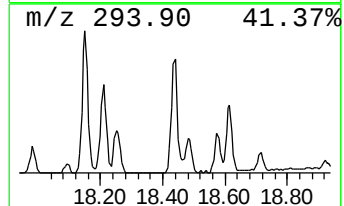
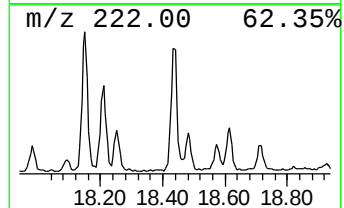
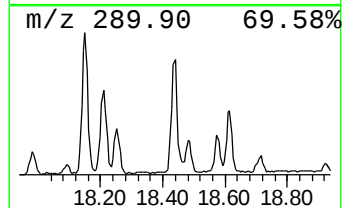
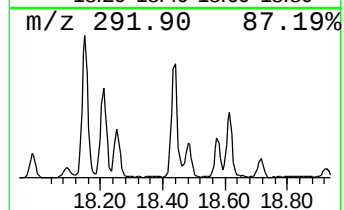
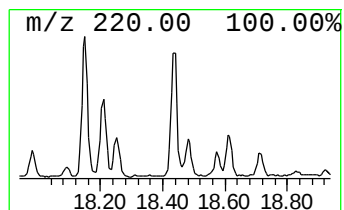
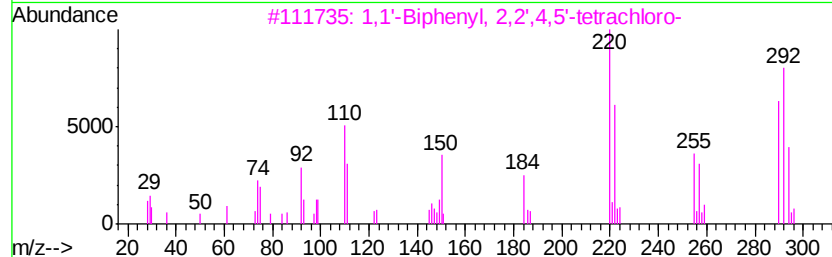
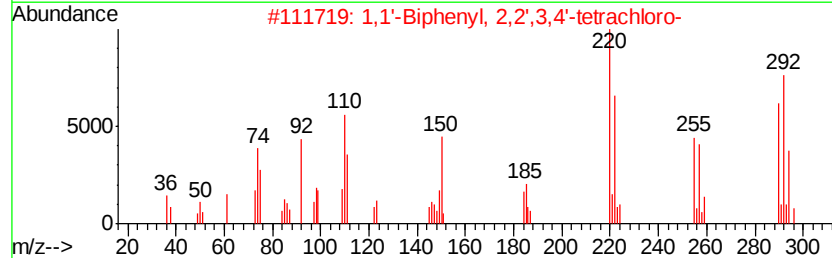
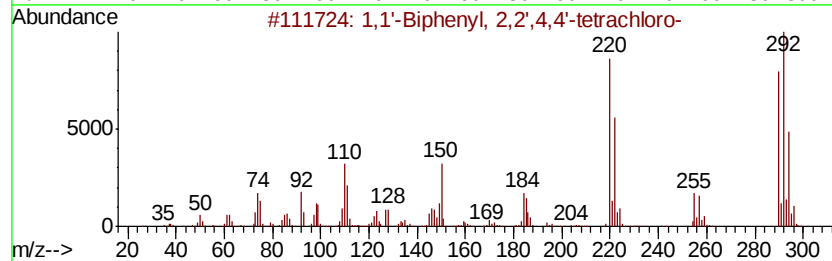
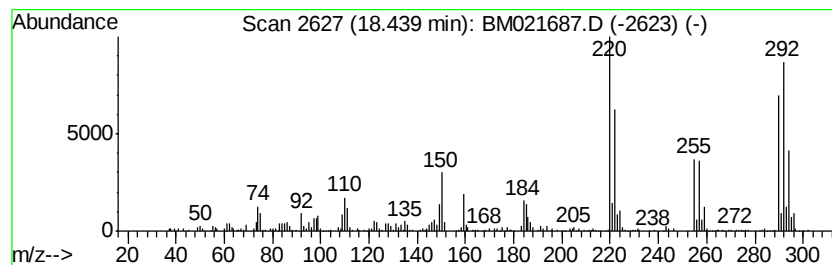
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.44	5.14 ng/ul	472212	Phenanthrene-d10	17.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4		002437-79-8	99
2	1,1'-Biphenyl, 2,2',3,4'-tetrachloro-	290	C12H6Cl4		036559-22-5	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	290	C12H6Cl4		041464-40-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	290	C12H6Cl4		015968-05-5	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	290	C12H6Cl4		041464-41-9	99



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	4.1	ng/ul	375152	4	17.08	1838900	20.0
1,1'-Biphenyl, 2,...	18.15	5.5	ng/ul	506952	4	17.08	1838900	20.0
1,1'-Biphenyl, 3,...	18.21	2.7	ng/ul	246343	4	17.08	1838900	20.0
1,1'-Biphenyl, 2,...	18.44	5.1	ng/ul	472212	4	17.08	1838900	20.0