

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021683.D
 Acq On : 27 Jul 2019 11:18
 Operator : HP/JU
 Sample : K3893-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP15

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	6.857	653	658	672	rVB	602329	1015660	31.11%	2.271%
2	7.028	682	687	697	rVB	482420	784864	24.04%	1.755%
3	7.216	713	719	727	rVB	701854	1097323	33.61%	2.453%
4	7.681	792	798	808	rVB	600319	956849	29.31%	2.139%
5	8.386	912	918	934	rVB	694997	1202261	36.83%	2.688%
6	8.510	935	939	946	rVB	51507	85821	2.63%	0.192%
7	8.845	990	996	1007	rVB	659741	1113294	34.10%	2.489%
8	9.557	1111	1117	1127	rBV	554877	920303	28.19%	2.058%
9	9.639	1127	1131	1136	rVB2	19171	27386	0.84%	0.061%
10	10.086	1201	1207	1221	rVB	829321	1474930	45.18%	3.298%
11	10.463	1264	1271	1277	rBV	811162	1334380	40.87%	2.983%
12	10.516	1277	1280	1286	rVB	18647	26258	0.80%	0.059%
13	10.616	1290	1297	1312	rBV	571417	1122502	34.38%	2.510%
14	11.274	1403	1409	1410	rBV3	3469	6244	0.19%	0.014%
15	11.422	1428	1434	1438	rBV6	12693	29552	0.91%	0.066%
16	11.516	1445	1450	1454	rVB5	8256	15646	0.48%	0.035%
17	11.869	1505	1510	1517	rVB5	9594	15893	0.49%	0.036%
18	12.057	1538	1542	1549	rVB3	14760	24406	0.75%	0.055%
19	12.133	1549	1555	1556	rBV	18183	23833	0.73%	0.053%
20	12.351	1587	1592	1601	rVB2	13393	21620	0.66%	0.048%
21	12.663	1641	1645	1651	rBV3	8390	15229	0.47%	0.034%
22	12.833	1670	1674	1682	rVB4	5227	9143	0.28%	0.020%
23	12.921	1682	1689	1697	rBV3	13631	24722	0.76%	0.055%
24	13.127	1719	1724	1727	rBV2	8941	13982	0.43%	0.031%
25	13.157	1727	1729	1731	rVB3	4028	3733	0.11%	0.008%
26	13.286	1744	1751	1755	rBV7	5727	9436	0.29%	0.021%
27	13.474	1781	1783	1784	rBV2	4030	3446	0.11%	0.008%
28	13.492	1784	1786	1792	rVB3	4811	7705	0.24%	0.017%
29	13.645	1803	1812	1816	rBV4	11338	24993	0.77%	0.056%
30	13.692	1816	1820	1823	rVV3	19096	26110	0.80%	0.058%
31	13.745	1823	1829	1834	rVV	1517853	2025026	62.03%	4.527%
32	13.792	1834	1837	1842	rVB	212436	275600	8.44%	0.616%
33	13.880	1849	1852	1854	rBV3	5122	5803	0.18%	0.013%
34	14.021	1869	1876	1888	rVB	1668778	2527585	77.42%	5.651%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
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 Title : SVOA CALIBRATION

35	14.210	1903	1908	1914	rBV3	16859	23291	0.71%	0.052%
36	14.327	1917	1928	1934	rBV	1195508	1795315	54.99%	4.014%
37	14.392	1934	1939	1945	rVB	19661	34273	1.05%	0.077%
38	14.562	1956	1968	1980	rBV2	181890	411812	12.61%	0.921%
39	14.727	1992	1996	2001	rBV2	19484	32153	0.98%	0.072%
40	14.774	2001	2004	2007	rVV4	14040	16589	0.51%	0.037%
41	14.804	2007	2009	2012	rVB3	6393	5794	0.18%	0.013%
42	14.833	2012	2014	2021	rVB7	5960	11139	0.34%	0.025%
43	14.904	2024	2026	2028	rBV3	4689	3985	0.12%	0.009%
44	14.945	2028	2033	2037	rBV5	8417	13886	0.43%	0.031%
45	14.998	2037	2042	2044	rBV4	11529	14990	0.46%	0.034%
46	15.086	2051	2057	2061	rBV	98933	146757	4.50%	0.328%
47	15.168	2067	2071	2074	rVB2	16913	22804	0.70%	0.051%
48	15.204	2074	2077	2083	rVB4	10462	15580	0.48%	0.035%
49	15.321	2091	2097	2104	rBV	1998250	2932632	89.83%	6.557%
50	15.380	2104	2107	2112	rVV2	30786	44464	1.36%	0.099%
51	15.468	2115	2122	2131	rBV	158240	244910	7.50%	0.548%
52	15.562	2134	2138	2144	rVV4	24944	43437	1.33%	0.097%
53	15.674	2152	2157	2163	rBV5	14312	25208	0.77%	0.056%
54	15.721	2163	2165	2173	rVB7	5784	8749	0.27%	0.020%
55	15.798	2173	2178	2179	rBV4	6915	10278	0.31%	0.023%
56	15.821	2179	2182	2189	rVB5	13226	21502	0.66%	0.048%
57	15.957	2201	2205	2209	rBV7	13255	26998	0.83%	0.060%
58	16.057	2214	2222	2227	rBV5	38263	92446	2.83%	0.207%
59	16.186	2241	2244	2247	rBV4	13616	19365	0.59%	0.043%
60	16.380	2272	2277	2281	rBV6	25259	45521	1.39%	0.102%
61	16.739	2335	2338	2346	rBV3	26116	53289	1.63%	0.119%
62	16.804	2347	2349	2350	rVV2	13839	9597	0.29%	0.021%
63	16.827	2350	2353	2357	rVB3	22363	29295	0.90%	0.065%
64	16.974	2374	2378	2386	rBV5	57730	104303	3.19%	0.233%
65	17.039	2387	2389	2390	rBV	27684	23309	0.71%	0.052%
66	17.080	2391	2396	2400	rBV2	1243475	1713495	52.48%	3.831%
67	17.121	2400	2403	2407	rVB	369404	461424	14.13%	1.032%
68	17.180	2407	2413	2418	rBV	1979798	2745507	84.10%	6.138%
69	17.974	2543	2548	2552	rBV	411679	608219	18.63%	1.360%
70	18.145	2573	2577	2582	rBV3	343476	490975	15.04%	1.098%
71	18.203	2585	2587	2592	rVB	105120	128383	3.93%	0.287%

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72	18.433	2623	2626	2636	rBV3	121635	240917	7.38%	0.539%
73	18.997	2719	2722	2730	rVB5	173971	322011	9.86%	0.720%
74	19.139	2742	2746	2754	rVB	941671	1283403	39.31%	2.869%
75	19.280	2763	2770	2777	rBV4	288584	615201	18.84%	1.375%
76	19.480	2799	2804	2807	rBV	2266419	3264760	100.00%	7.299%
77	19.727	2843	2846	2850	rBV	213961	271700	8.32%	0.607%
78	20.980	3056	3059	3068	rVB3	759651	1129471	34.60%	2.525%
79	21.180	3090	3093	3098	rVB	636834	647108	19.82%	1.447%
80	21.268	3103	3108	3112	rVV2	1697502	2728190	83.56%	6.100%
81	21.309	3112	3115	3119	rVB	495075	609221	18.66%	1.362%
82	22.803	3366	3369	3372	rBV	399461	574306	17.59%	1.284%
83	23.368	3460	3465	3469	rBV	1638849	2668495	81.74%	5.966%
84	23.509	3484	3489	3494	rVB	972016	1669926	51.15%	3.734%

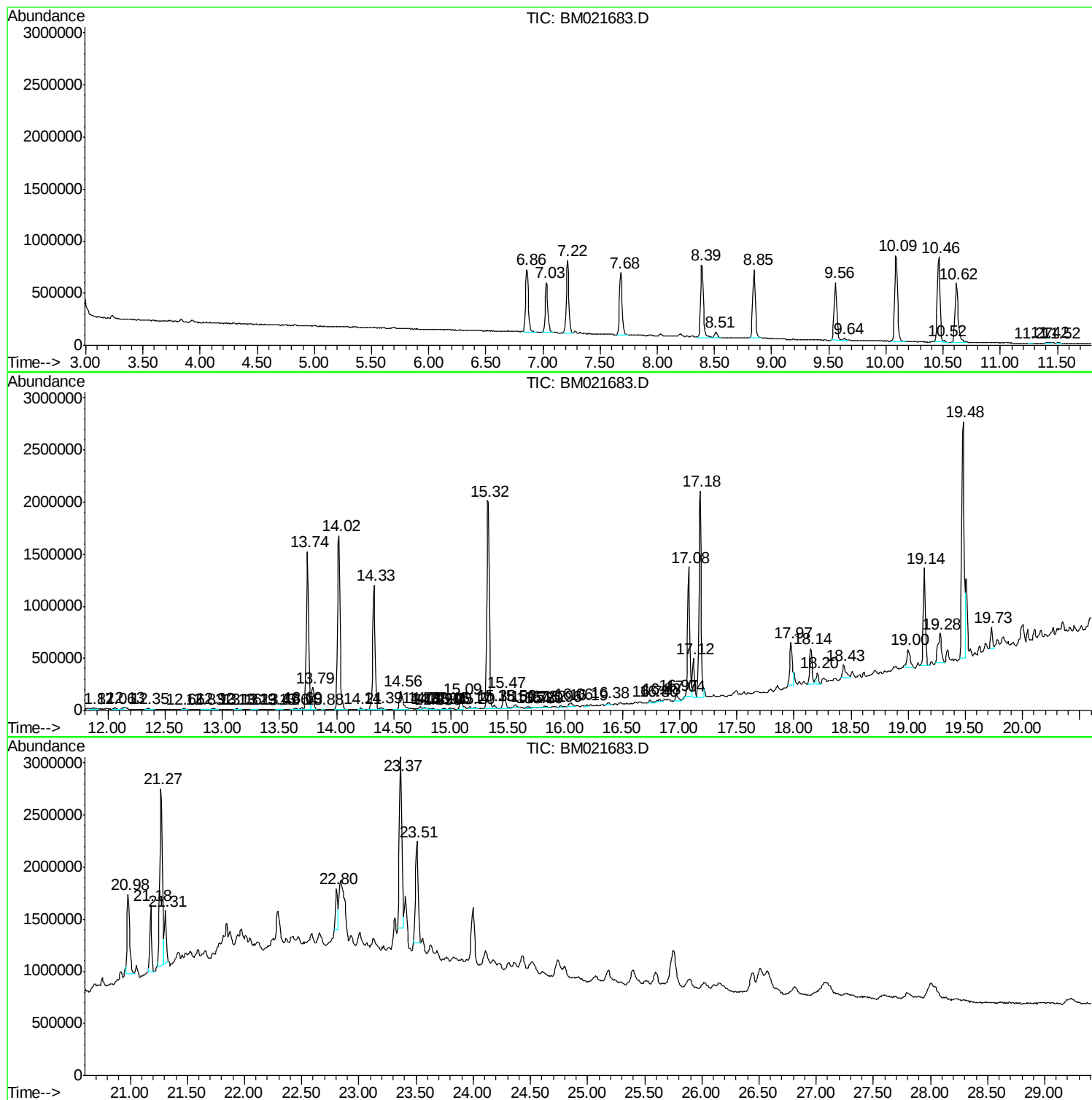
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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



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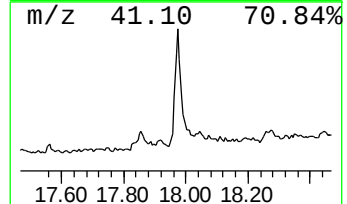
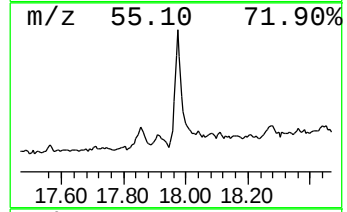
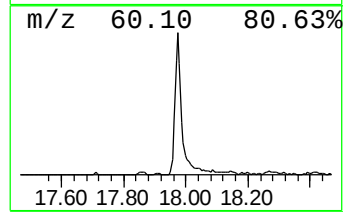
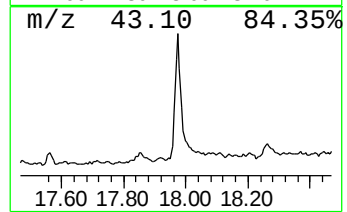
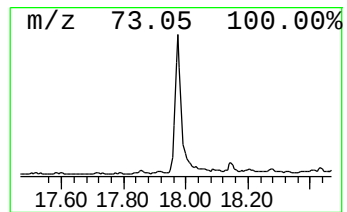
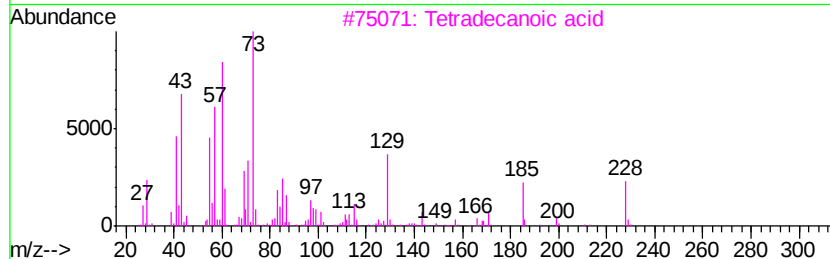
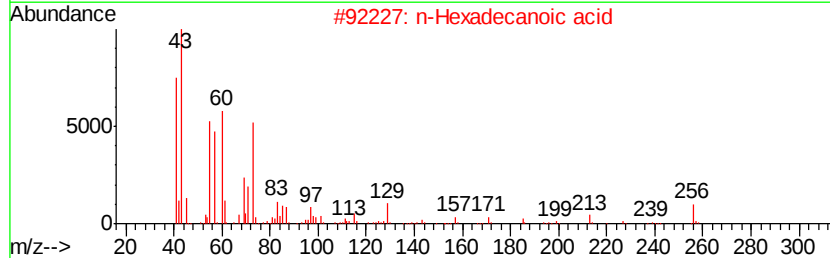
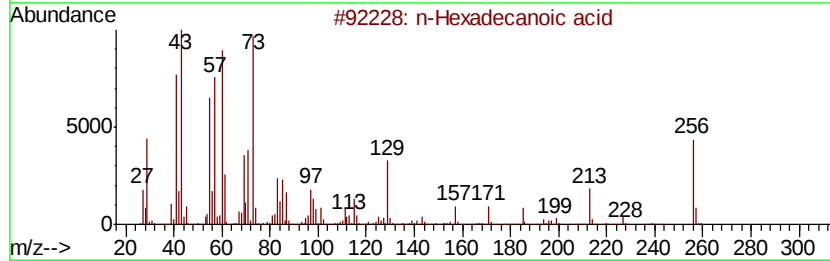
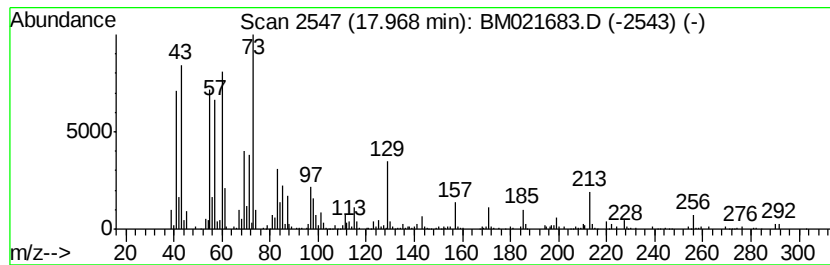
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.97	7.10 ng/ul	608219	Phenanthrene-d10	17.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	94
4	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	91
5	Tridecanoic acid		214	C13H26O2	000638-53-9	76



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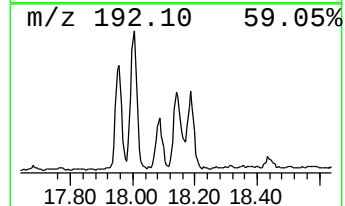
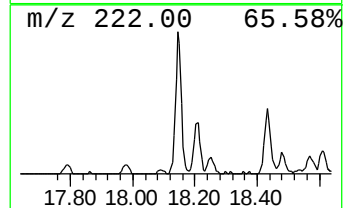
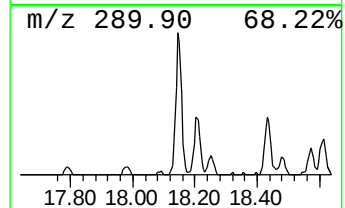
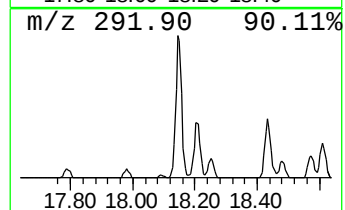
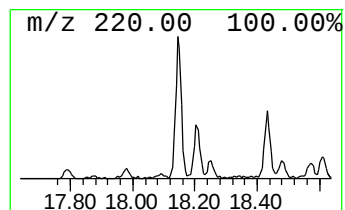
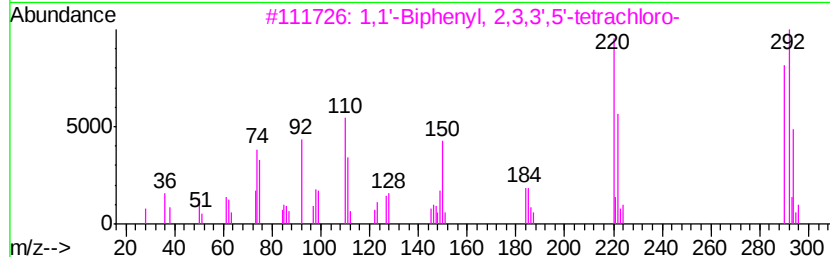
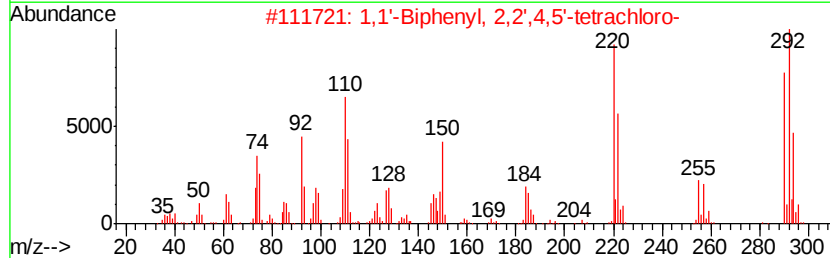
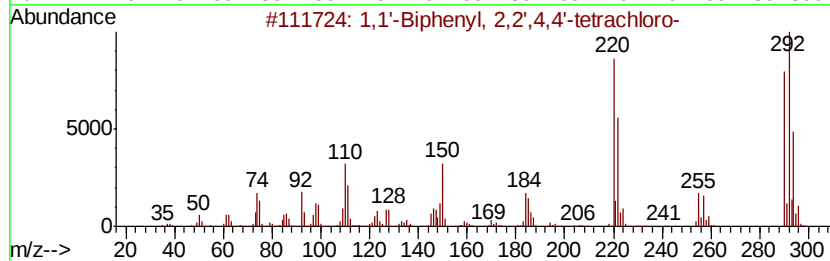
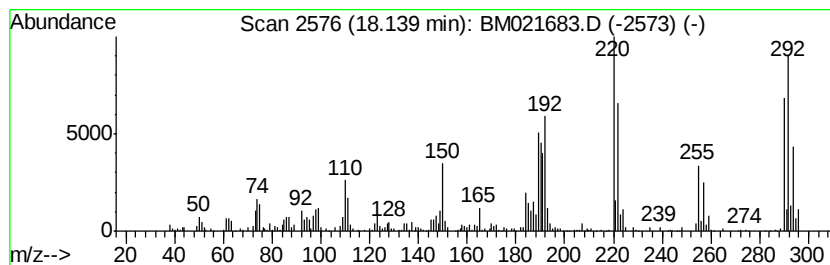
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	5.73 ng/ul	490975	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99		
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99		
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96		
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	95		



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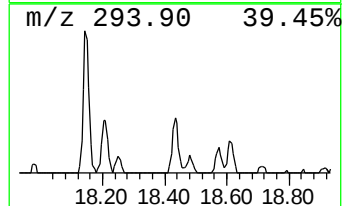
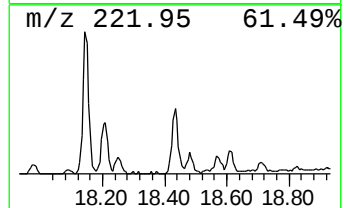
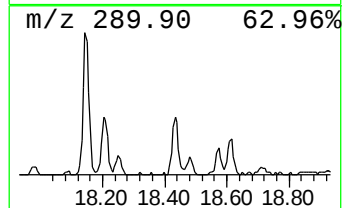
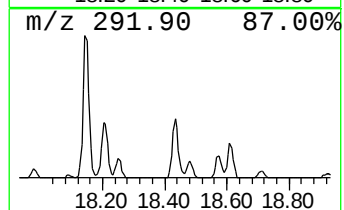
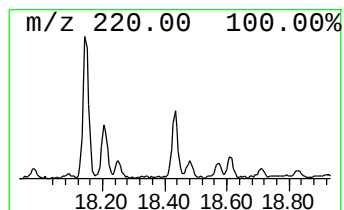
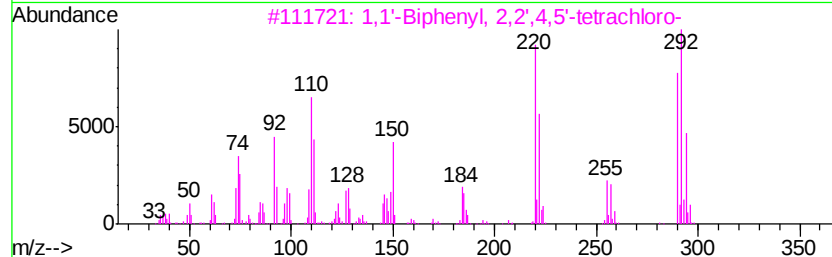
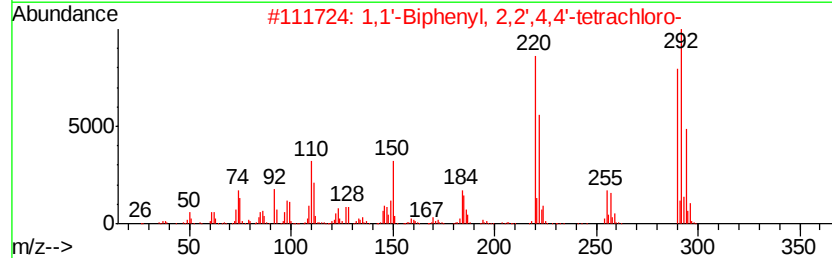
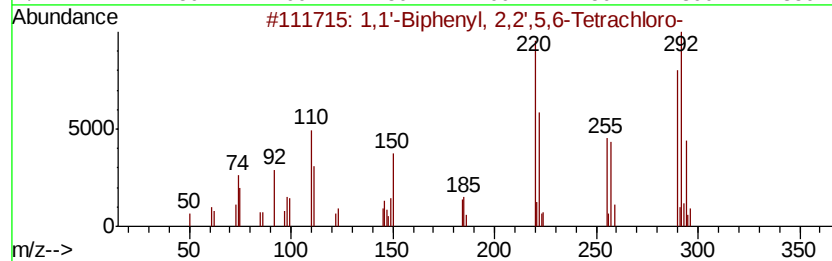
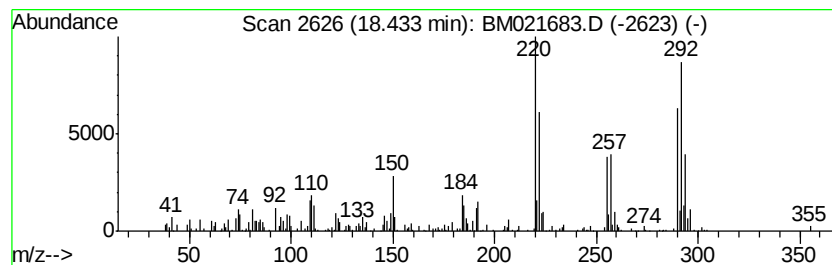
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.43	2.81 ng/ul	240917	Phenanthrene-d10	17.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99	
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98	
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98	
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96	



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BEP15

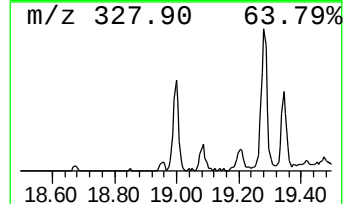
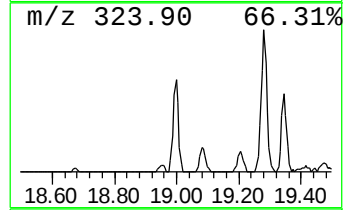
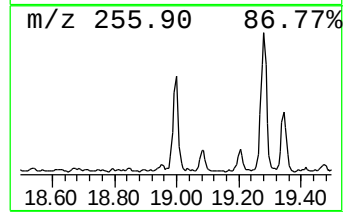
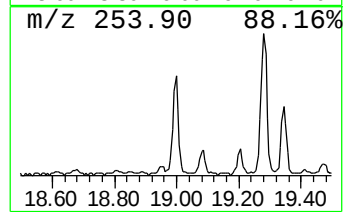
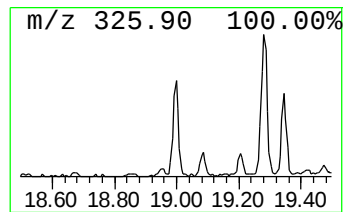
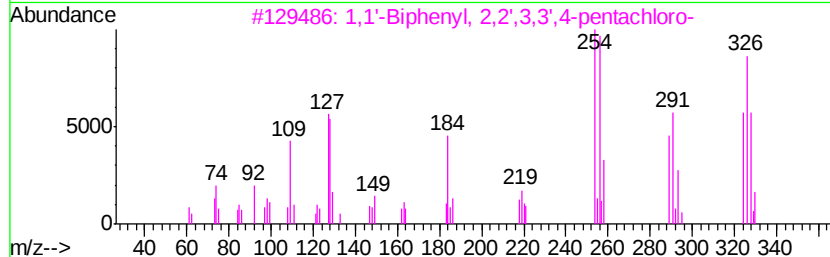
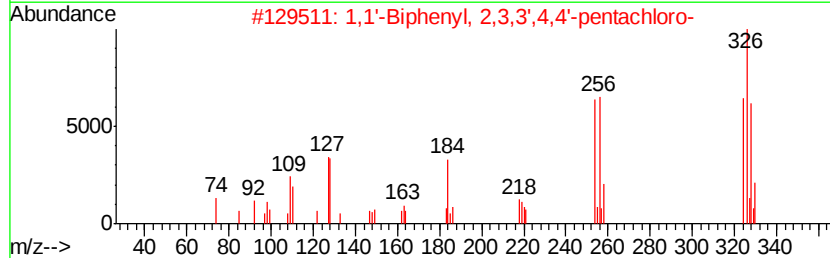
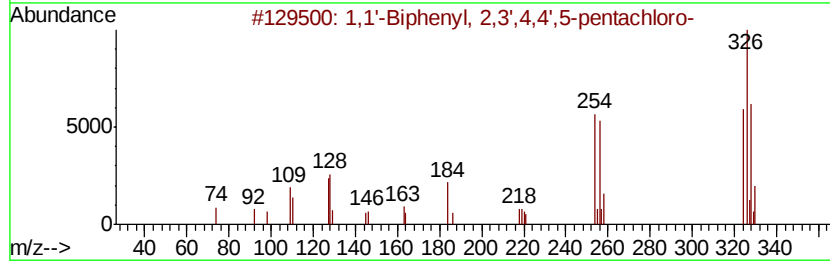
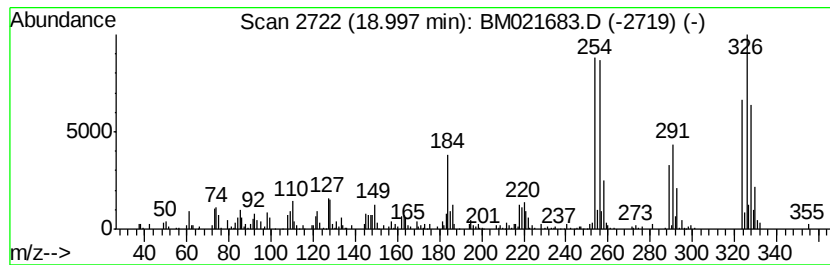
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	3.76 ng/ul	322011	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3		1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021683.D
Acq On : 27 Jul 2019 11:18
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

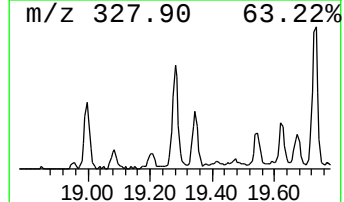
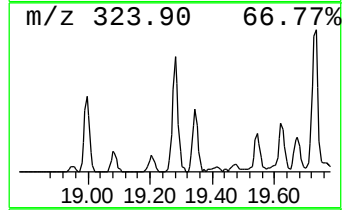
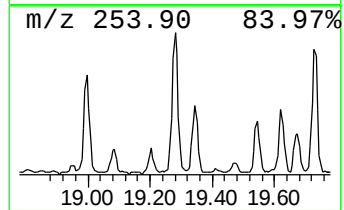
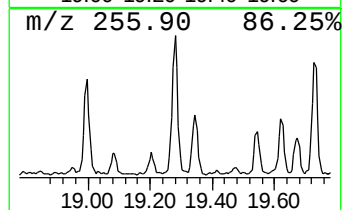
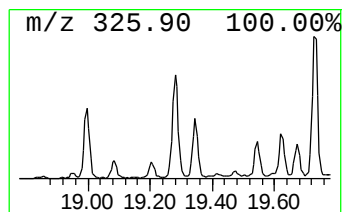
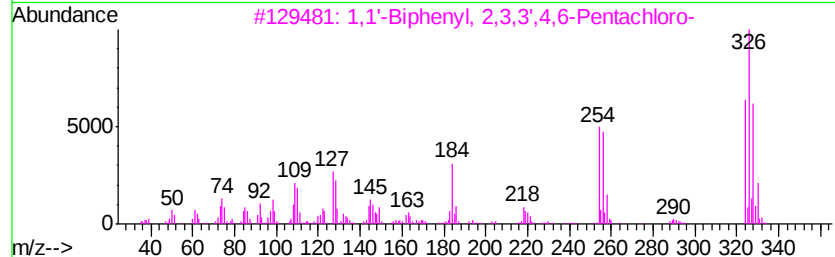
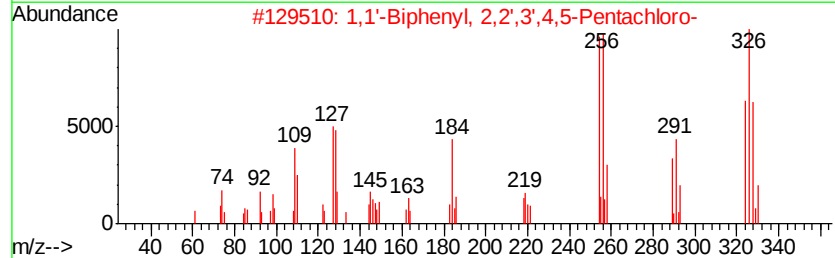
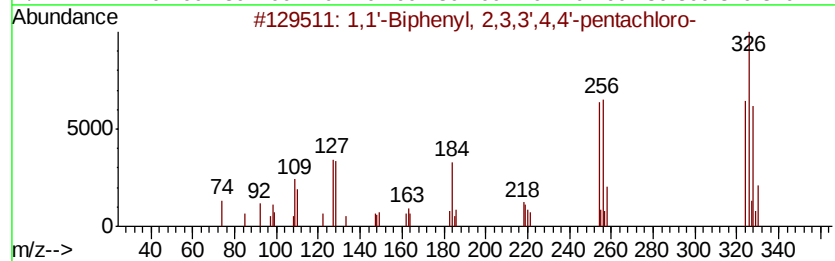
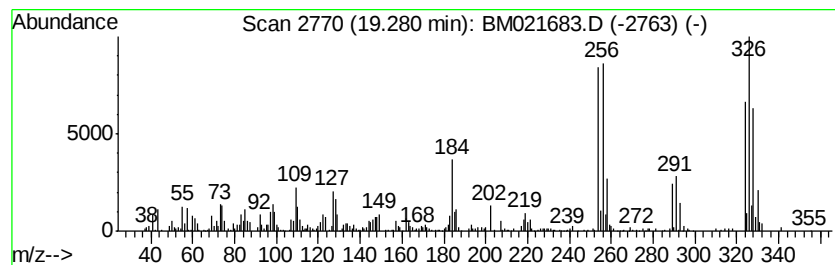
Instrument :
BNA_M
ClientSampleId :
BEP15

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.28	4.51 ng/ul	615201	Chrysene-d12	21.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95
4	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	94
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021683.D
Acq On : 27 Jul 2019 11:18
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

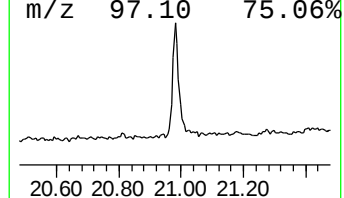
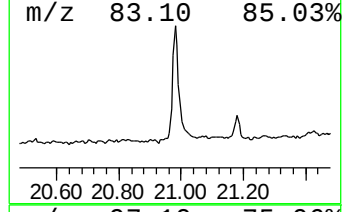
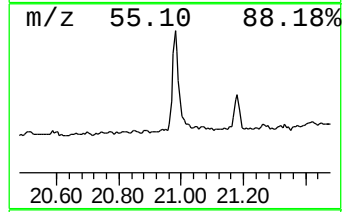
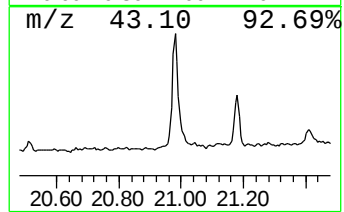
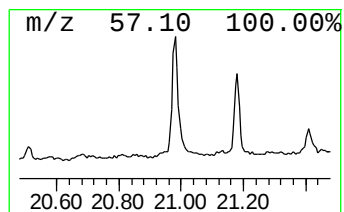
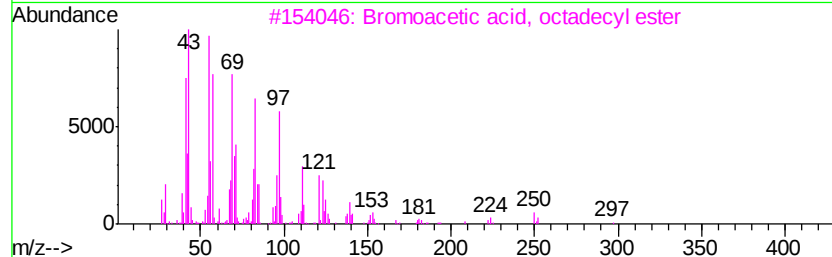
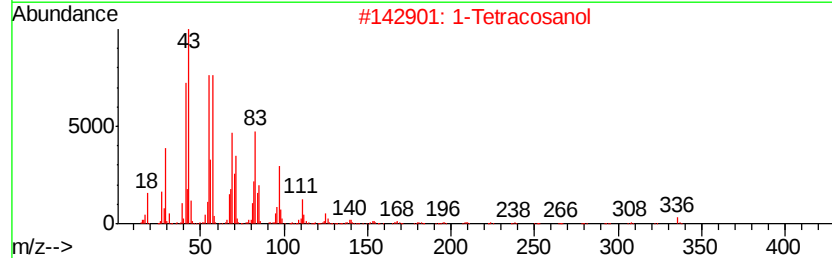
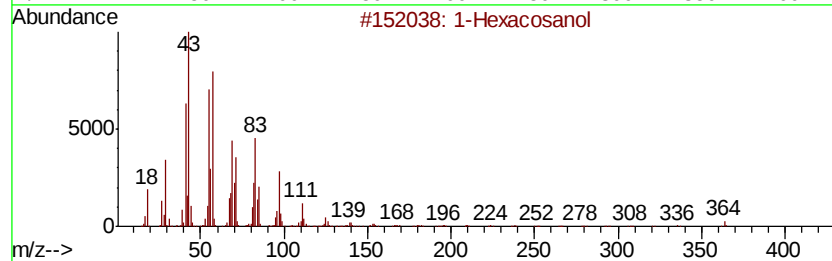
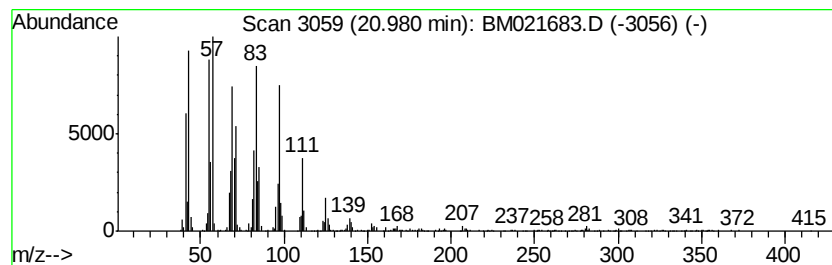
Instrument :
BNA_M
ClientSampleId :
BEP15

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 6 1-Hexacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	8.28 ng/ul	1129470	Chrysene-d12	21.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexacosanol	382 C26H54O	000506-52-5	91
2	1-Tetracosanol	354 C24H50O	000506-51-4	91
3	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	90
4	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	90
5	17-Pentatriacontene	491 C35H70	006971-40-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072719\
Data File : BM021683.D
Acq On : 27 Jul 2019 11:18
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP15

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	7.1	ng/ul	608219	4	17.08	1713500	20.0
1,1'-Biphenyl, 2,...	18.14	5.7	ng/ul	490975	4	17.08	1713500	20.0
1,1'-Biphenyl, 2,...	18.43	2.8	ng/ul	240917	4	17.08	1713500	20.0
1,1'-Biphenyl, 2,...	19.00	3.8	ng/ul	322011	4	17.08	1713500	20.0
1,1'-Biphenyl, 2,...	19.28	4.5	ng/ul	615201	5	21.27	2728190	20.0
1-Hexacosanol	20.98	8.3	ng/ul	1129470	5	21.27	2728190	20.0