

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012770.D
 Acq On : 06 Nov 2017 09:57
 Operator : SJ/JU
 Sample : I5902-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-5(0.5-1.5)-101317

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.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	3.305	32	37	47	rVB	32604	46152	1.42%	0.113%
2	3.816	118	124	132	rBV	80074	102524	3.17%	0.250%
3	6.998	654	665	678	rBV2	615081	1099315	33.94%	2.681%
4	7.151	683	691	700	rBV	497035	746928	23.06%	1.822%
5	7.351	719	725	735	rBV	650481	1041303	32.15%	2.540%
6	7.816	796	804	812	rBV	693872	1071054	33.06%	2.612%
7	8.534	919	926	935	rBV	496360	813758	25.12%	1.985%
8	8.975	994	1001	1008	rBV	607347	1007524	31.10%	2.457%
9	9.692	1116	1123	1136	rBB	464015	771500	23.82%	1.882%
10	10.239	1209	1216	1225	rBV	841643	1399336	43.20%	3.413%
11	10.610	1270	1279	1286	rBV	927088	1548718	47.81%	3.777%
12	10.745	1295	1302	1317	rBV	484993	901303	27.82%	2.198%
13	11.927	1497	1503	1511	rVB	56447	90586	2.80%	0.221%
14	13.863	1822	1832	1836	rBV	1552311	2151174	66.41%	5.246%
15	13.910	1836	1840	1849	rVB	843576	1126156	34.77%	2.746%
16	14.151	1874	1881	1890	rVB	1812863	2675053	82.58%	6.524%
17	14.410	1920	1925	1927	rBV	48267	64148	1.98%	0.156%
18	14.457	1927	1933	1940	rVB2	1405532	2150668	66.39%	5.245%
19	14.686	1965	1972	1984	rBV	59206	106919	3.30%	0.261%
20	14.816	1989	1994	1998	rBV2	29071	42786	1.32%	0.104%
21	14.874	1998	2004	2011	rVB3	23472	38788	1.20%	0.095%
22	15.274	2063	2072	2075	rBV	78795	119959	3.70%	0.293%
23	15.451	2095	2102	2108	rBV	2289705	3239249	100.00%	7.900%
24	15.692	2137	2143	2150	rVB2	25650	41361	1.28%	0.101%
25	15.810	2156	2163	2170	rBV	341135	470253	14.52%	1.147%
26	16.162	2219	2223	2231	rVB6	15136	36961	1.14%	0.090%
27	16.604	2293	2298	2304	rBV6	20952	40649	1.25%	0.099%
28	16.739	2317	2321	2326	rVB2	79923	96954	2.99%	0.236%
29	16.957	2348	2358	2361	rBV5	39040	63455	1.96%	0.155%
30	17.204	2389	2400	2404	rBV2	1655446	2308944	71.28%	5.631%
31	17.245	2404	2407	2411	rVV	153161	206288	6.37%	0.503%
32	17.304	2411	2417	2426	rVB	2054744	2923289	90.25%	7.129%
33	18.098	2546	2552	2560	rBV2	401270	674607	20.83%	1.645%
34	18.162	2560	2563	2567	rVB	39174	53197	1.64%	0.130%

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Integration Parameters: LSCINT.P

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35	18.268	2578	2581	2585	rBV2	29209	41588	1.28%	0.101%
36	18.433	2605	2609	2615	rBV2	66392	114934	3.55%	0.280%
37	18.580	2631	2634	2638	rBV3	28992	40531	1.25%	0.099%
38	19.256	2746	2749	2757	rVB	335473	473429	14.62%	1.155%
39	19.374	2765	2769	2774	rBV	254382	375582	11.59%	0.916%
40	19.598	2801	2807	2811	rBV	2195749	3100131	95.71%	7.561%
41	20.509	2960	2962	2966	rVB2	142893	141297	4.36%	0.345%
42	21.086	3057	3060	3068	rVB4	316767	366027	11.30%	0.893%
43	21.386	3106	3111	3114	rBV	1574761	2093526	64.63%	5.106%
44	23.533	3470	3476	3482	rBV2	1606728	2942620	90.84%	7.176%
45	23.674	3495	3500	3507	rVB	1131790	2043726	63.09%	4.984%

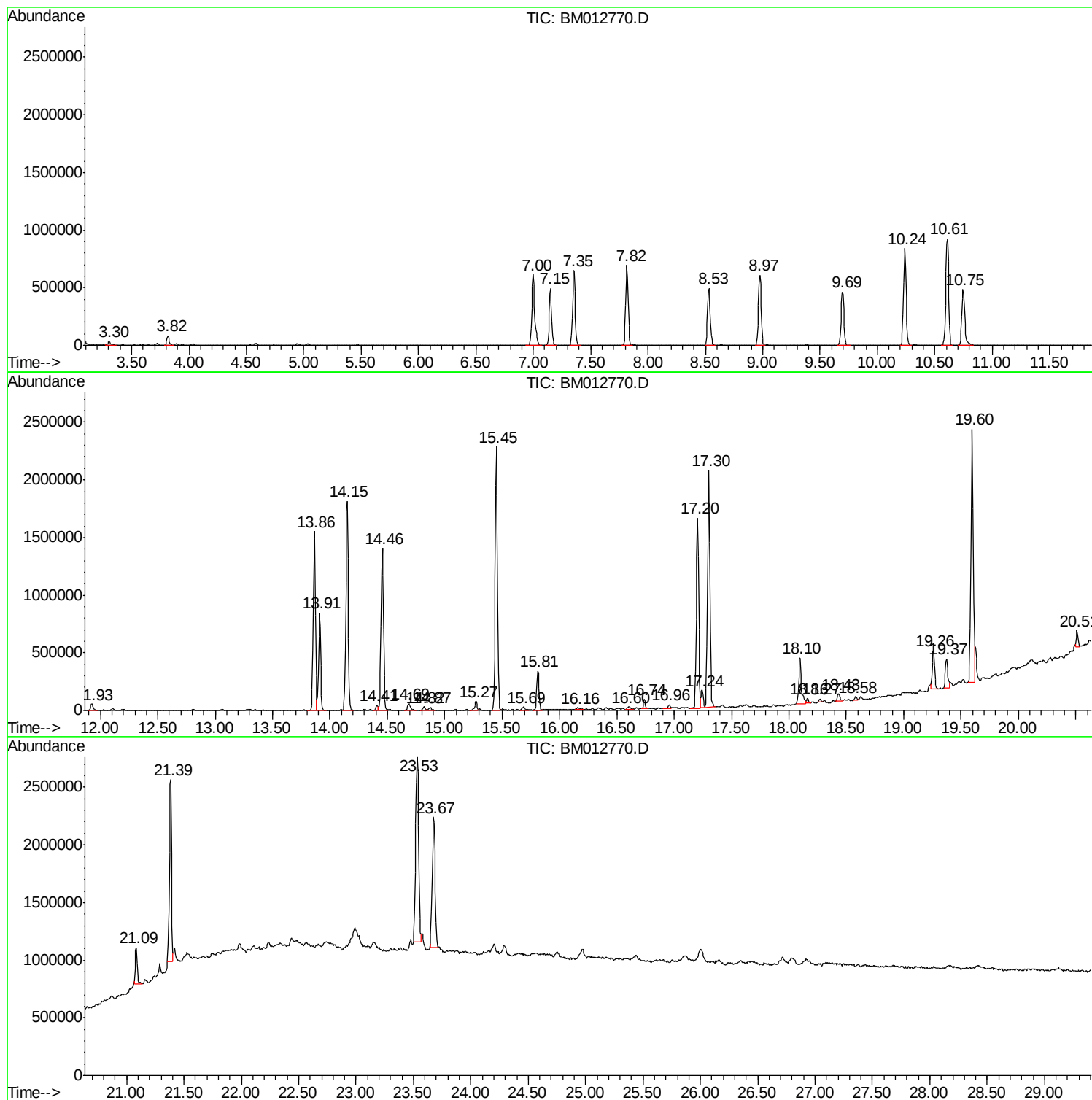
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



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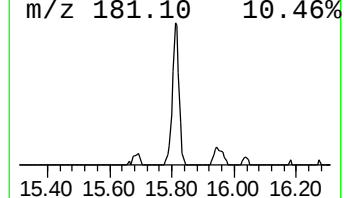
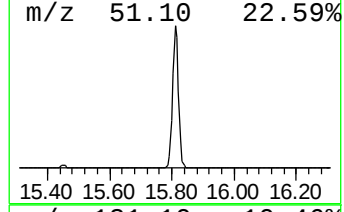
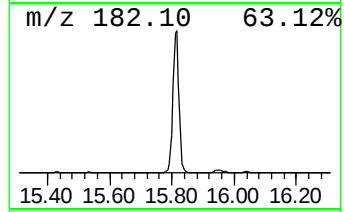
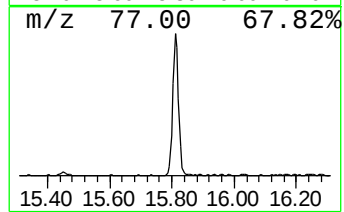
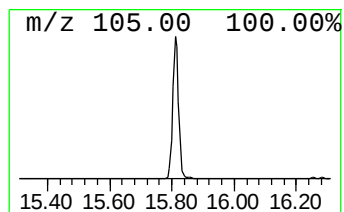
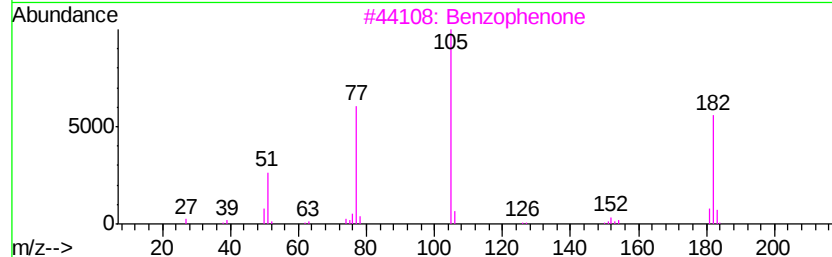
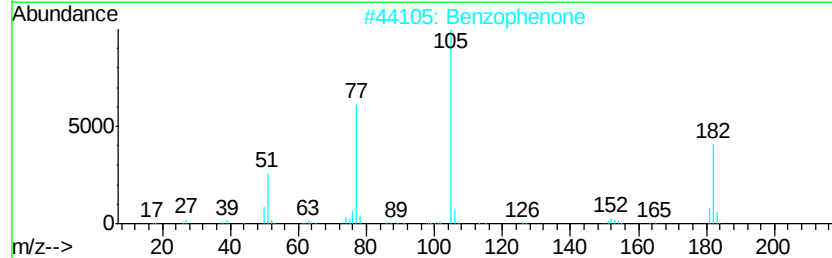
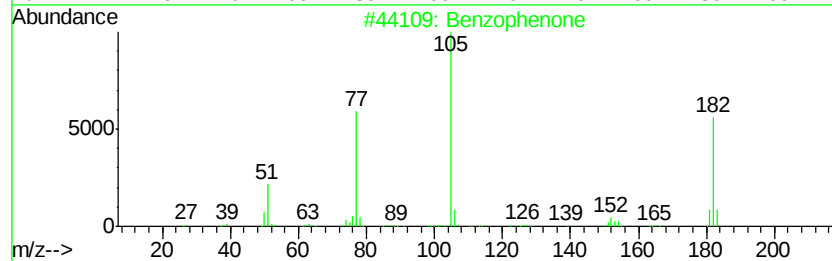
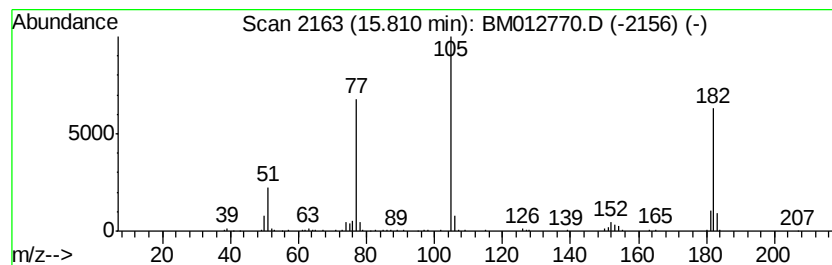
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	4.37 ng/ul	470253	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	96
3		Benzophenone	182	C13H10O	000119-61-9	96
4		Benzophenone	182	C13H10O	000119-61-9	95
5		Benzophenone	182	C13H10O	000119-61-9	94



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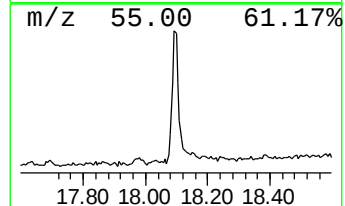
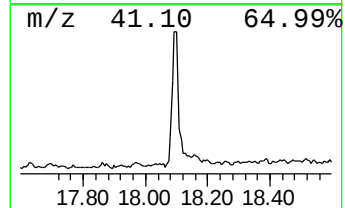
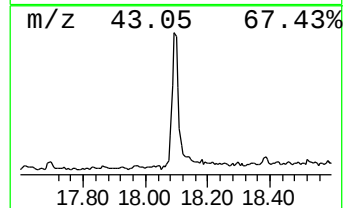
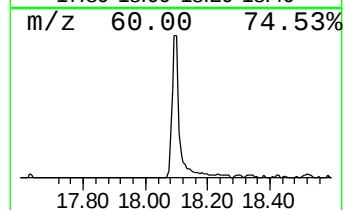
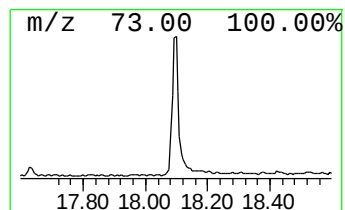
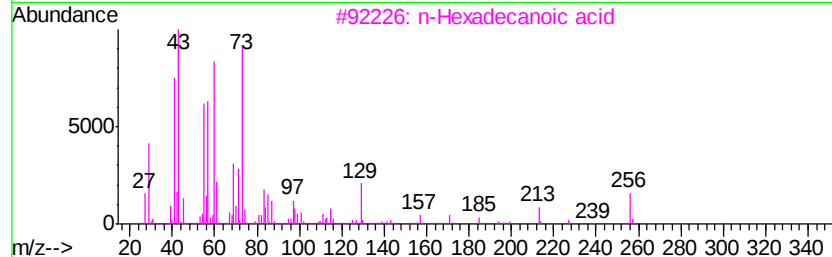
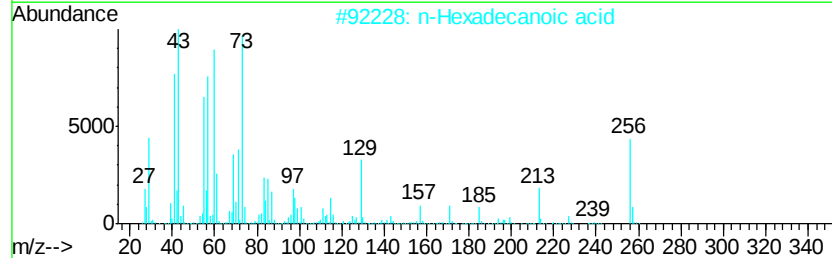
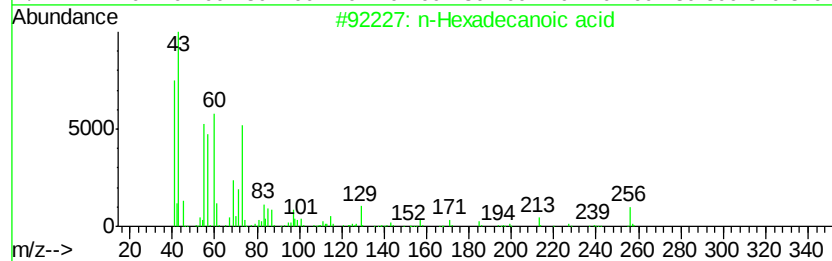
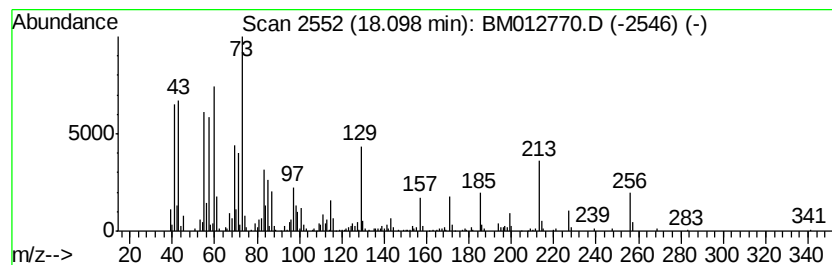
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.10	5.84 ng/ul	674607	Phenanthrene-d10	17.20	
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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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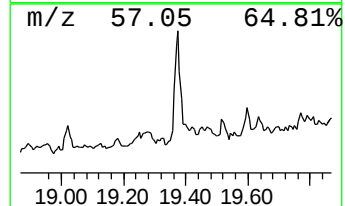
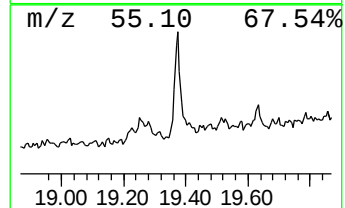
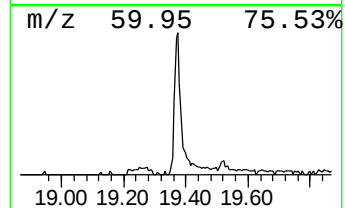
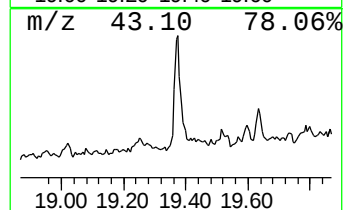
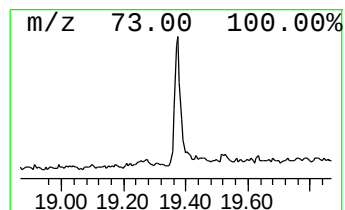
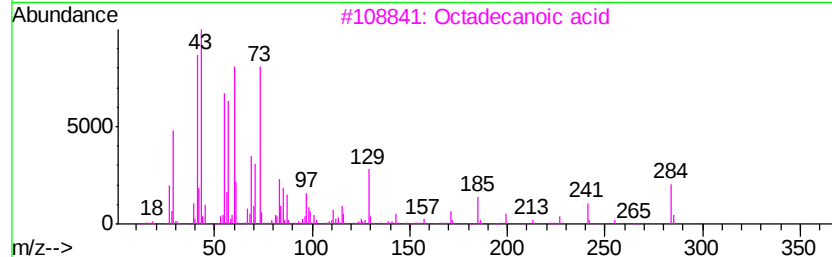
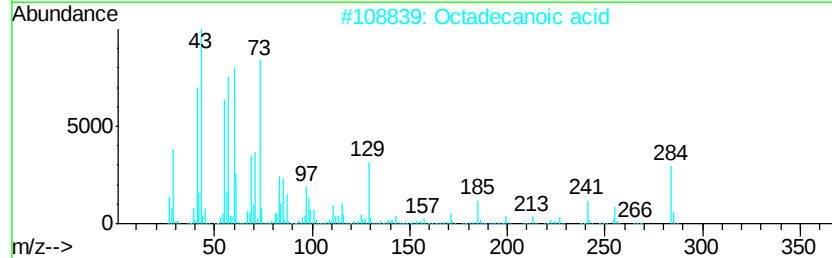
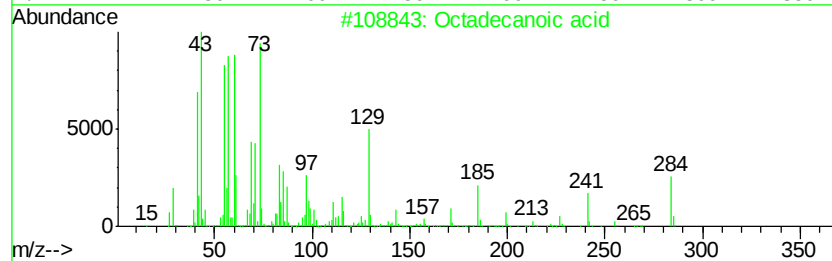
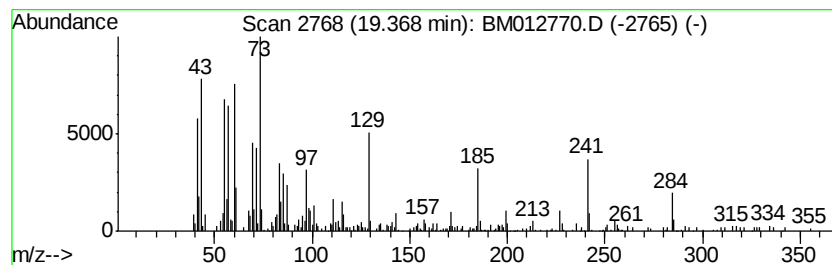
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.37	3.59 ng/ul	375582	Chrysene-d12		21.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Octadecanoic acid		284	C18H36O2	000057-11-4	93
3	Octadecanoic acid		284	C18H36O2	000057-11-4	83
4	Octadecanoic acid		284	C18H36O2	000057-11-4	62
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	58



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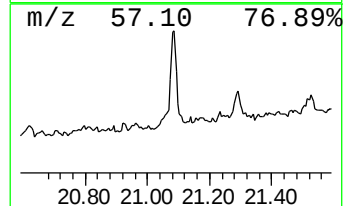
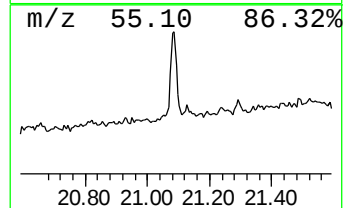
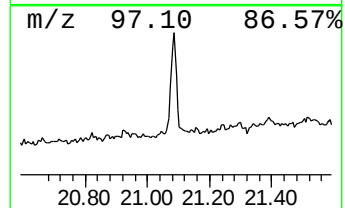
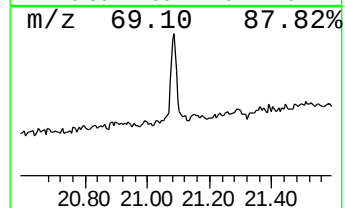
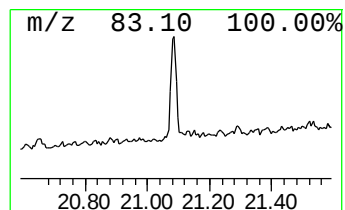
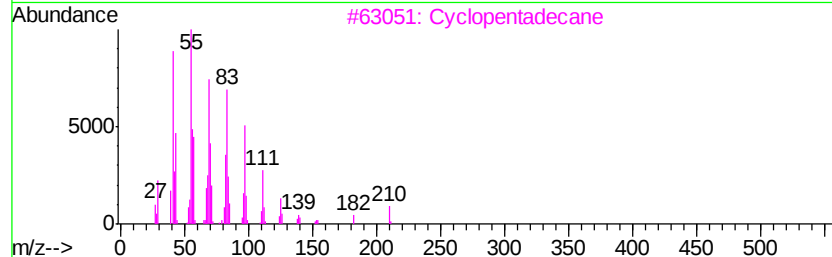
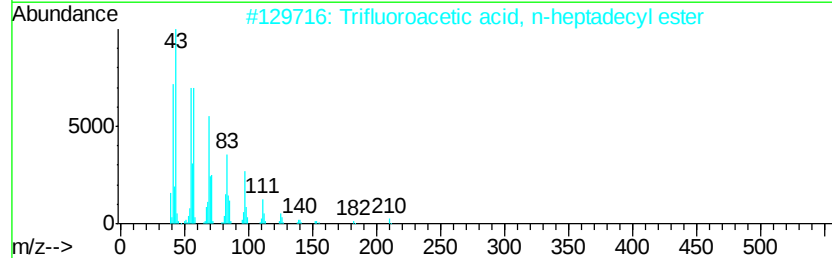
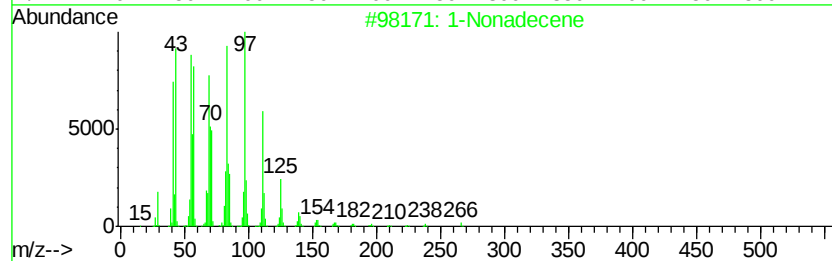
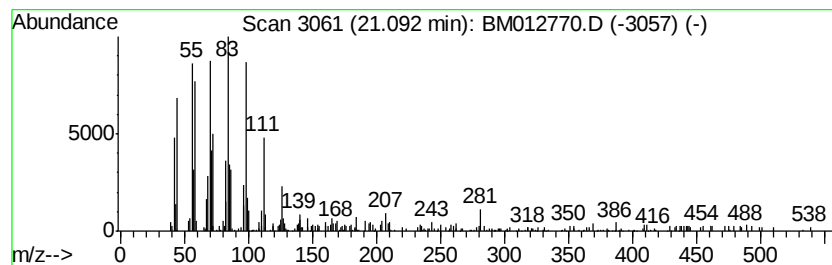
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Cyclic21.09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.50 ng/ul	366027	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	93
2		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
3		Cyclopentadecane	210	C15H30	000295-48-7	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		1-Octadecanol	270	C18H38O	000112-92-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.81	4.4	ng/ul	470253	3	14.46	2150670	20.0
n-Hexadecanoic acid	18.10	5.8	ng/ul	674607	4	17.20	2308940	20.0
Octadecanoic acid	19.37	3.6	ng/ul	375582	5	21.39	2093530	20.0
(DEL) Alkane: Cyc...	21.09	3.5	ng/ul	366027	5	21.39	2093530	20.0