

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
 Data File : BM009785.D
 Acq On : 28 Apr 2017 18:03
 Operator : SJ/MA
 Sample : I2845-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR4

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-BM042517.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	3.304	33	37	42	rBV	54058	69842	1.04%	0.104%
2	5.463	399	404	413	rVB2	42108	87139	1.29%	0.130%
3	6.987	653	663	679	rVB	1155576	1925239	28.56%	2.875%
4	7.157	686	692	703	rBV	856151	1321871	19.61%	1.974%
5	7.351	718	725	734	rBV	1091134	1722208	25.55%	2.572%
6	7.457	737	743	750	rVB2	66109	109676	1.63%	0.164%
7	7.822	798	805	811	rBV	544219	897637	13.32%	1.340%
8	8.522	917	924	937	rBV	1424027	2271297	33.69%	3.392%
9	8.986	994	1003	1012	rVB	1149796	1872007	27.77%	2.795%
10	9.081	1012	1019	1024	rBV2	53774	91017	1.35%	0.136%
11	9.704	1117	1125	1134	rBV	1003905	1657778	24.59%	2.475%
12	10.239	1206	1216	1223	rBV	1398572	2357567	34.97%	3.520%
13	10.616	1272	1280	1286	rBV	808729	1365919	20.26%	2.040%
14	10.763	1298	1305	1315	rBV	1354329	2297453	34.08%	3.431%
15	13.874	1828	1834	1839	rBV	2471585	3524927	52.29%	5.264%
16	13.921	1839	1842	1848	rVB	400333	504806	7.49%	0.754%
17	14.163	1876	1883	1892	rBV	2883703	4141135	61.43%	6.184%
18	14.339	1907	1913	1917	rBV2	76544	104896	1.56%	0.157%
19	14.468	1928	1935	1944	rVB2	1308320	1972425	29.26%	2.945%
20	14.674	1964	1970	1982	rBV	1475274	2293701	34.03%	3.425%
21	15.292	2071	2075	2080	rBV	154161	182115	2.70%	0.272%
22	15.462	2098	2104	2111	rBV	3713823	5198115	77.11%	7.762%
23	15.592	2120	2126	2133	rBV	1394195	1965366	29.15%	2.935%
24	15.698	2137	2144	2148	rVV3	100945	177579	2.63%	0.265%
25	16.157	2218	2222	2230	rBV	189680	325589	4.83%	0.486%
26	16.951	2353	2357	2361	rBV2	106088	151044	2.24%	0.226%
27	16.998	2363	2365	2374	rVB6	58441	83964	1.25%	0.125%
28	17.215	2396	2402	2408	rBV2	1631332	2405109	35.68%	3.591%
29	17.315	2413	2419	2426	rVB2	4005348	5864527	87.00%	8.757%
30	18.092	2547	2551	2558	rBV	439981	589113	8.74%	0.880%
31	19.368	2766	2768	2771	rVB3	136897	121839	1.81%	0.182%
32	19.615	2804	2810	2815	rVB	5033481	6741199	100.00%	10.066%
33	21.086	3056	3060	3064	rBV	891752	1117408	16.58%	1.669%
34	21.397	3109	3113	3120	rBV	2443834	3106311	46.08%	4.639%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	23.562	3476	3481	3495	rVB2	3042234	6209942	92.12%	9.273%
36	23.709	3501	3506	3513	rVB	1172441	2140037	31.75%	3.196%

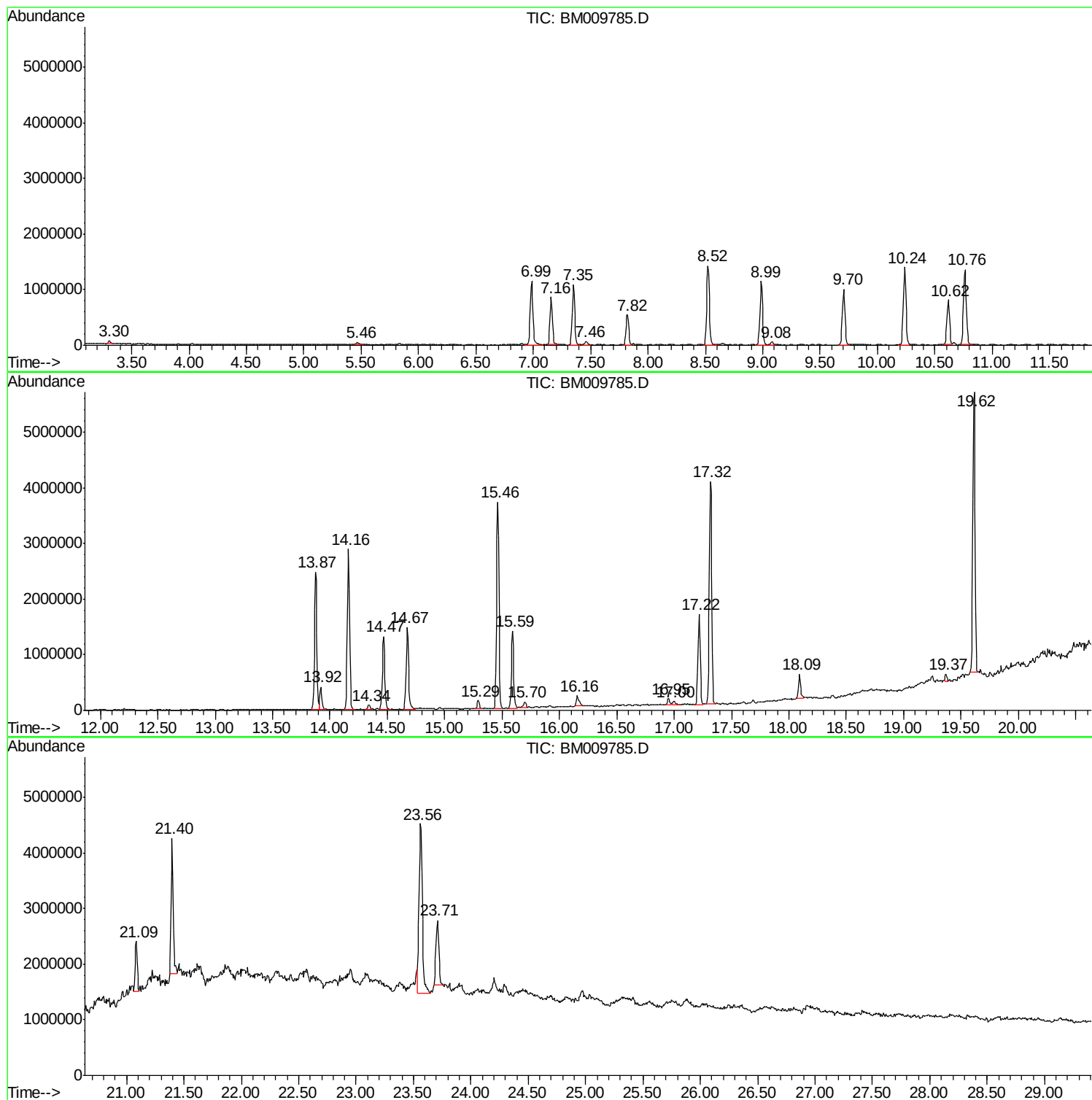
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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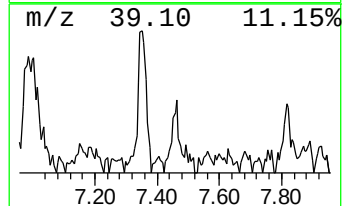
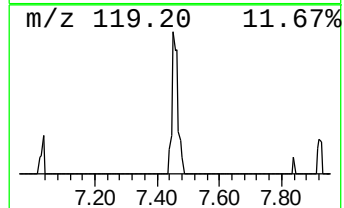
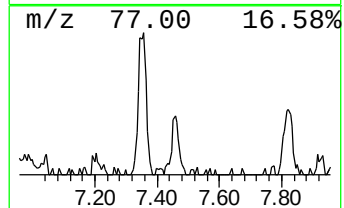
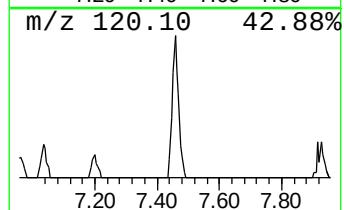
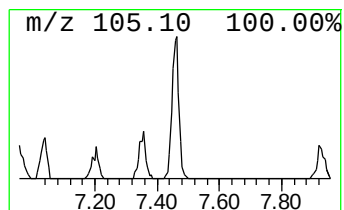
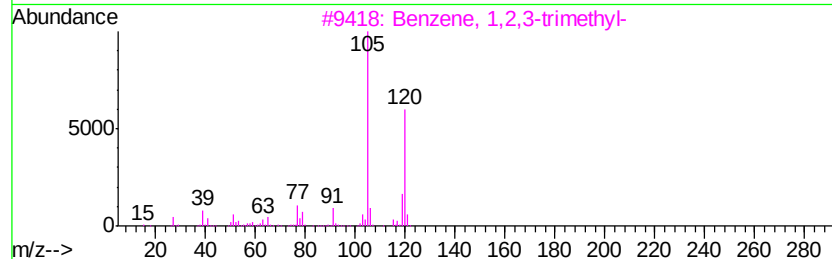
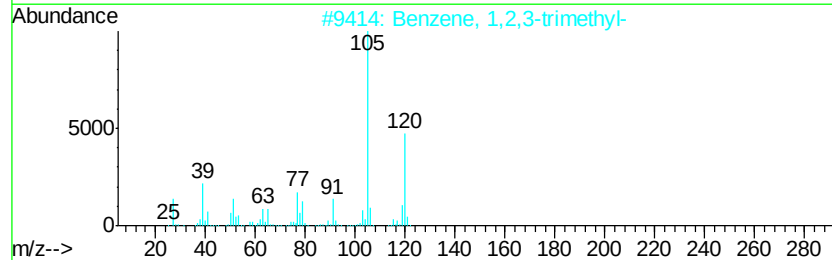
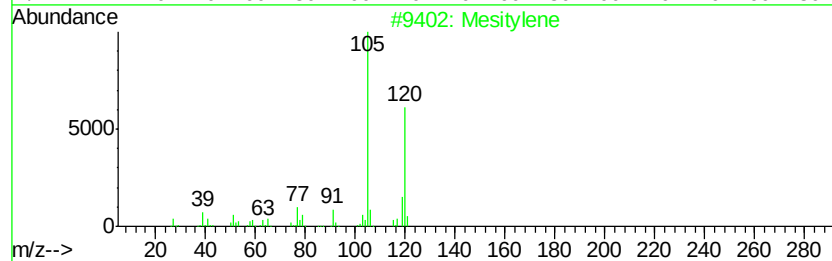
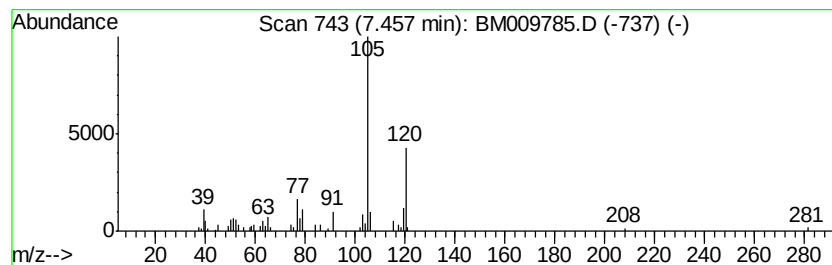
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	2.44 ng/ul	109676	1,4-Dichlorobenzene-d4	7.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	91
3	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	91
5	Mesitylene		120	C9H12	000108-67-8	91



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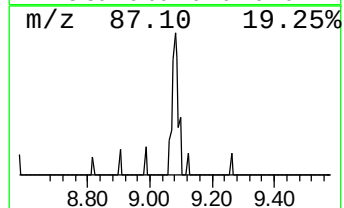
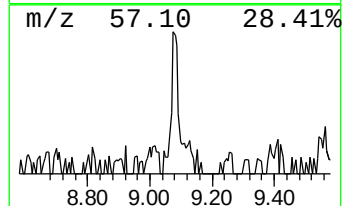
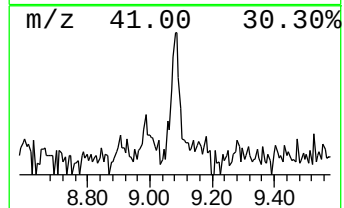
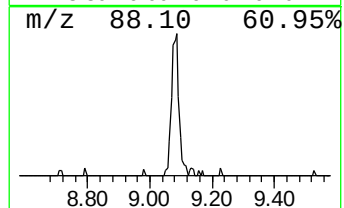
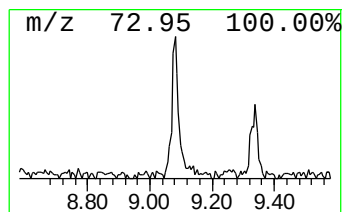
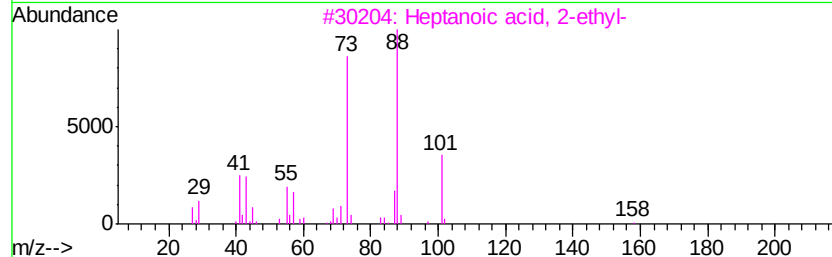
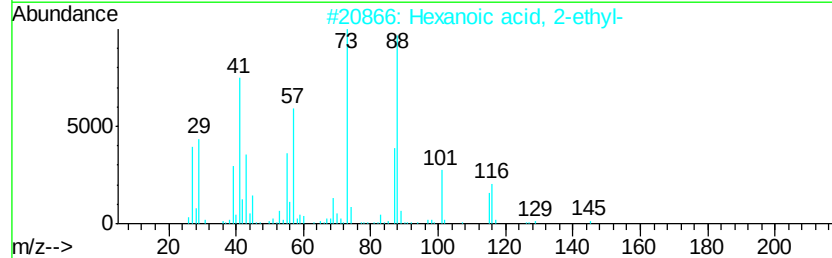
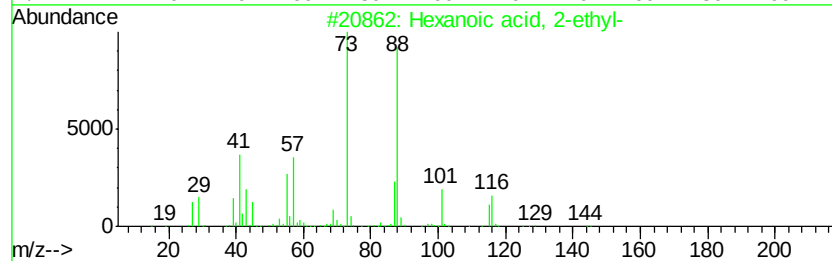
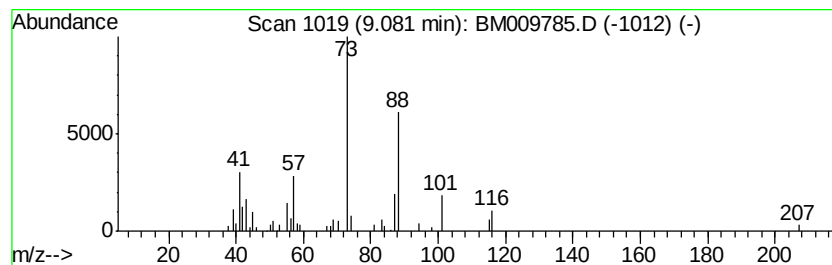
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	2.03 ng/ul	91017	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
3		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	47
4		1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	43
5		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	40



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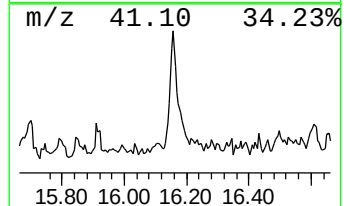
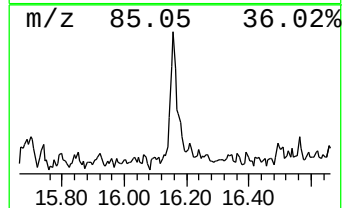
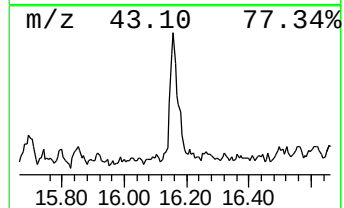
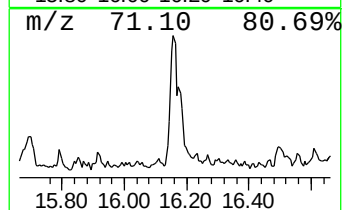
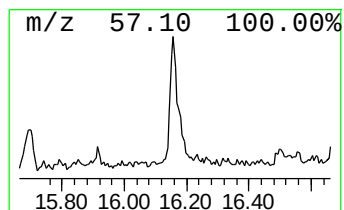
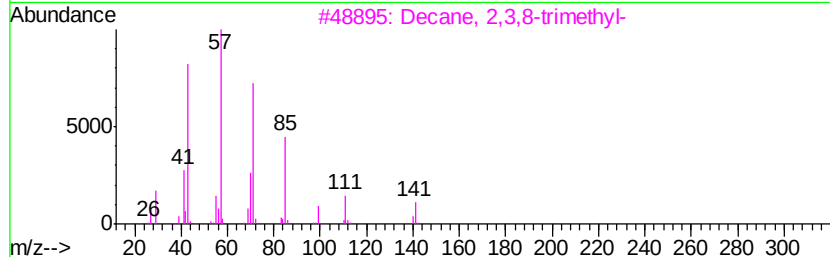
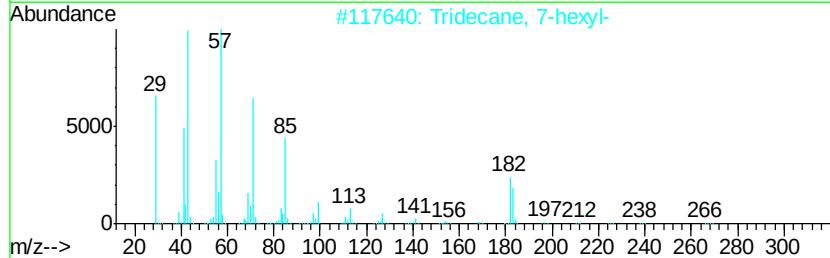
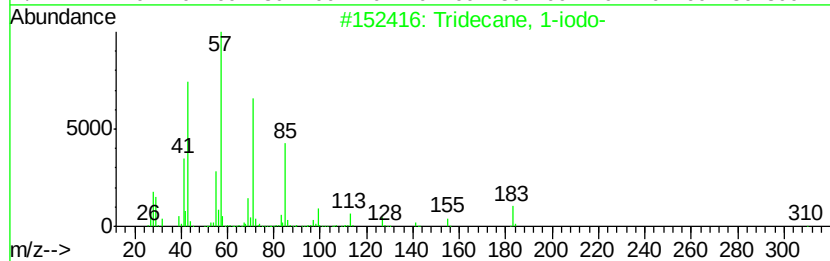
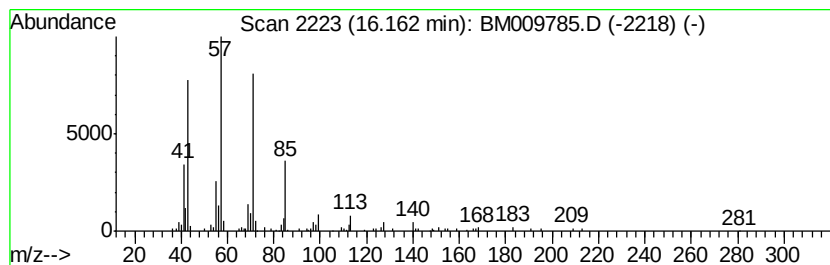
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.16	2.71 ng/ul	325589	Phenanthrene-d10		17.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
3		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
4		Hexadecane	226	C16H34	000544-76-3	53
5		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	52



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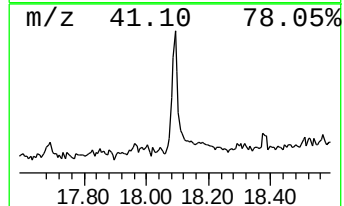
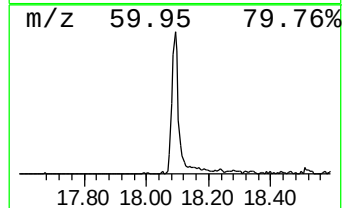
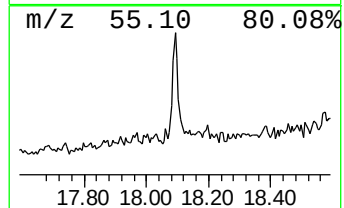
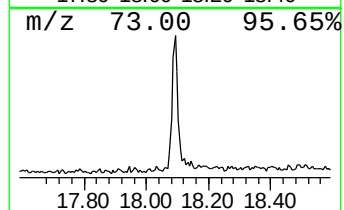
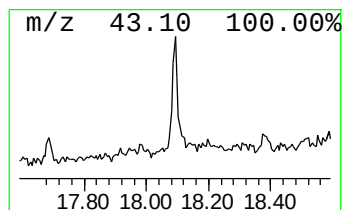
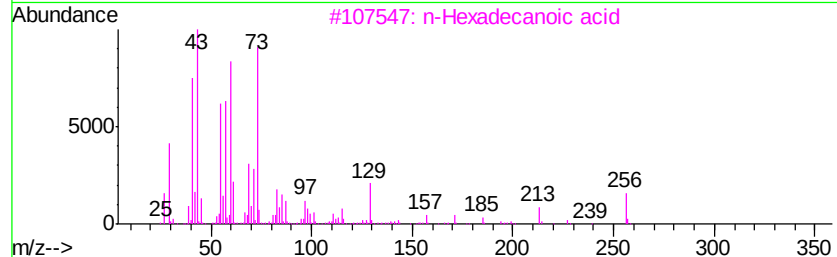
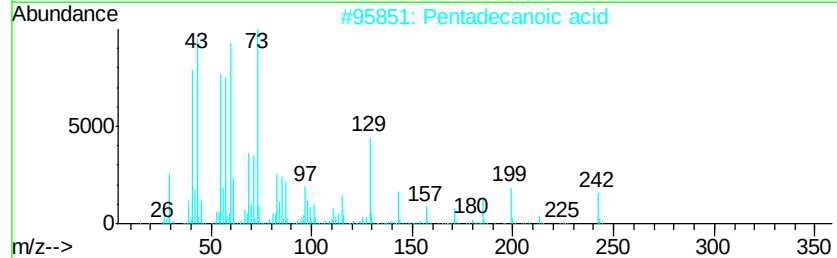
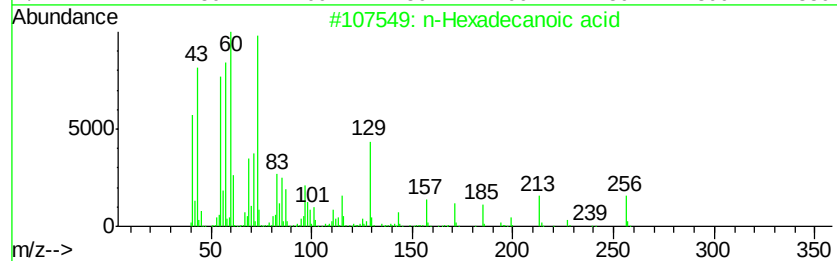
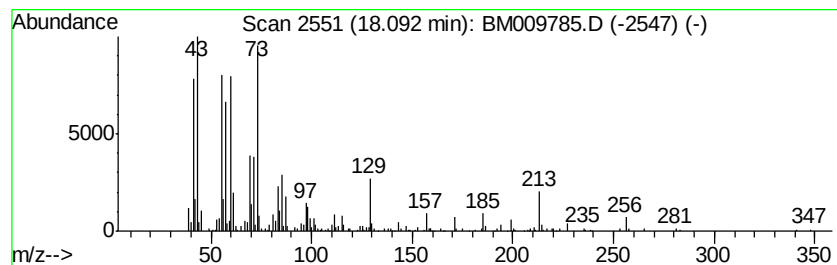
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.90 ng/ul	589113	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



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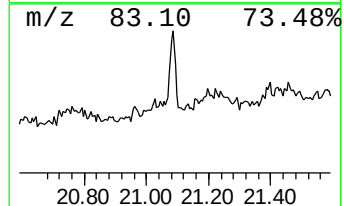
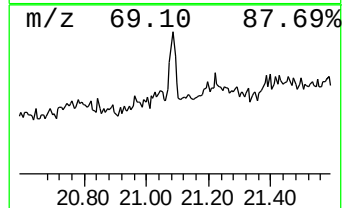
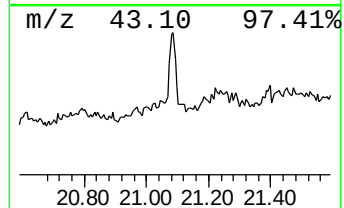
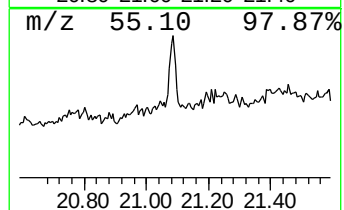
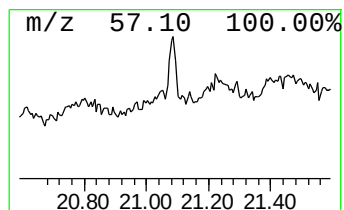
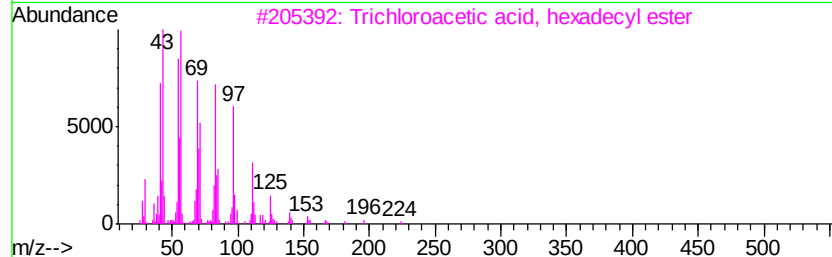
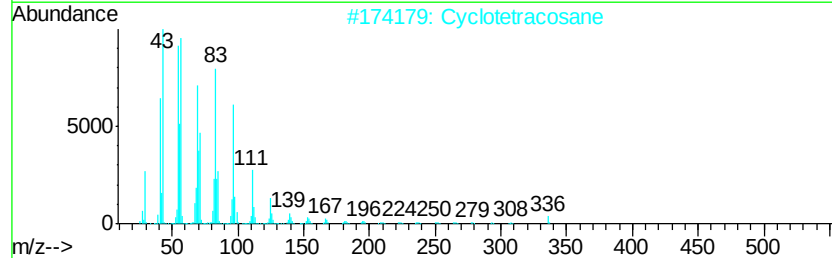
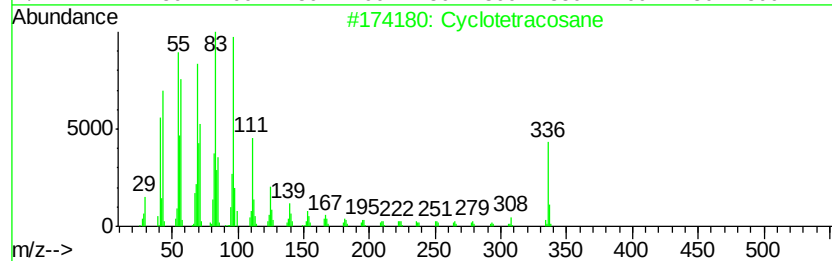
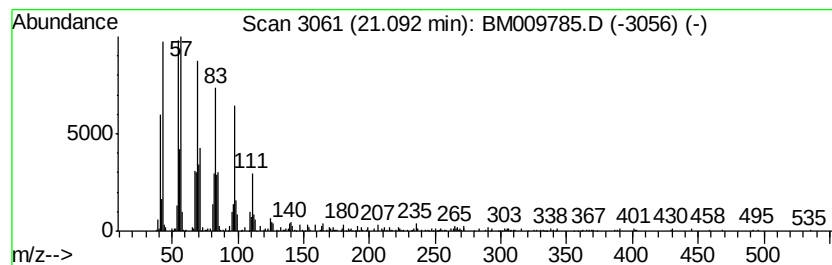
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 (DEL) Alkane: Cyclic21.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	7.19 ng/ul	1117410	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	99
2		Cyclotetracosane	336	C24H48	000297-03-0	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Mesitylene	7.46	2.4	ng/ul	109676	1	7.82	897637	20.0
Hexanoic acid, 2-...	9.08	2.0	ng/ul	91017	1	7.82	897637	20.0
Tridecane, 1-iodo-	16.16	2.7	ng/ul	325589	4	17.22	2405110	20.0
n-Hexadecanoic acid	18.09	4.9	ng/ul	589113	4	17.22	2405110	20.0
(DEL) Alkane: Cyc...	21.09	7.2	ng/ul	1117410	5	21.40	3106310	20.0