

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
 Data File : BM009762.D
 Acq On : 28 Apr 2017 04:17
 Operator : SJ/MA
 Sample : I2806-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSM6

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	6.987	656	663	676	rBV	1035853	1682530	25.41%	2.445%
2	7.157	686	692	703	rBV	789653	1197973	18.09%	1.741%
3	7.351	716	725	738	rBV	974228	1571709	23.74%	2.284%
4	7.822	799	805	811	rBV	677635	1042862	15.75%	1.516%
5	8.528	917	925	937	rBV	1243430	2020450	30.51%	2.936%
6	8.986	995	1003	1014	rBV	1032928	1740328	26.28%	2.529%
7	9.704	1118	1125	1134	rBV	914127	1523412	23.01%	2.214%
8	10.239	1209	1216	1227	rBV	1239028	2105446	31.80%	3.060%
9	10.616	1274	1280	1287	rVB	942864	1609992	24.31%	2.340%
10	10.763	1297	1305	1321	rBV	955294	1743065	26.32%	2.533%
11	13.880	1828	1835	1839	rBV	2236352	3162008	47.75%	4.596%
12	13.921	1839	1842	1853	rVB	491565	644476	9.73%	0.937%
13	14.163	1876	1883	1895	rBV	2573090	3804695	57.46%	5.530%
14	14.339	1907	1913	1919	rBV2	52306	71846	1.09%	0.104%
15	14.468	1928	1935	1944	rBV2	1494951	2319619	35.03%	3.371%
16	14.674	1963	1970	1984	rBV	1351463	2063733	31.17%	2.999%
17	15.292	2071	2075	2081	rVB	126039	162408	2.45%	0.236%
18	15.462	2097	2104	2114	rBV	3402727	4815530	72.72%	6.999%
19	15.592	2119	2126	2136	rBV	1329699	1810834	27.35%	2.632%
20	15.698	2136	2144	2149	rBV6	69245	133270	2.01%	0.194%
21	16.157	2218	2222	2230	rBV	166317	266133	4.02%	0.387%
22	16.951	2352	2357	2360	rBV	104091	132021	1.99%	0.192%
23	17.215	2396	2402	2410	rBV	1989878	2909607	43.94%	4.229%
24	17.315	2412	2419	2426	rBV	3837724	5482909	82.80%	7.969%
25	17.962	2524	2529	2536	rBV8	35422	74666	1.13%	0.109%
26	18.092	2546	2551	2563	rBV2	519481	741282	11.19%	1.077%
27	19.245	2740	2747	2755	rBV4	81104	179930	2.72%	0.262%
28	19.368	2764	2768	2780	rBV2	183117	309006	4.67%	0.449%
29	19.615	2803	2810	2817	rBV	5039663	6621576	100.00%	9.624%
30	21.086	3055	3060	3066	rBV	967890	1200757	18.13%	1.745%
31	21.397	3108	3113	3120	rBV	3139735	3908854	59.03%	5.681%
32	21.986	3210	3213	3232	rVB3	669511	1340747	20.25%	1.949%
33	22.568	3308	3312	3318	rVB	286221	381268	5.76%	0.554%
34	22.950	3374	3377	3382	rVB	228626	317023	4.79%	0.461%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1
Start Thrs: 0.2
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Max Peaks: 100
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35	23.562	3473	3481	3490	rvB2	3079814	6021131	90.93%	8.751%
36	23.709	3500	3506	3516	rvB	1721527	3273383	49.44%	4.757%
37	24.203	3586	3590	3596	rvB2	233539	419315	6.33%	0.609%

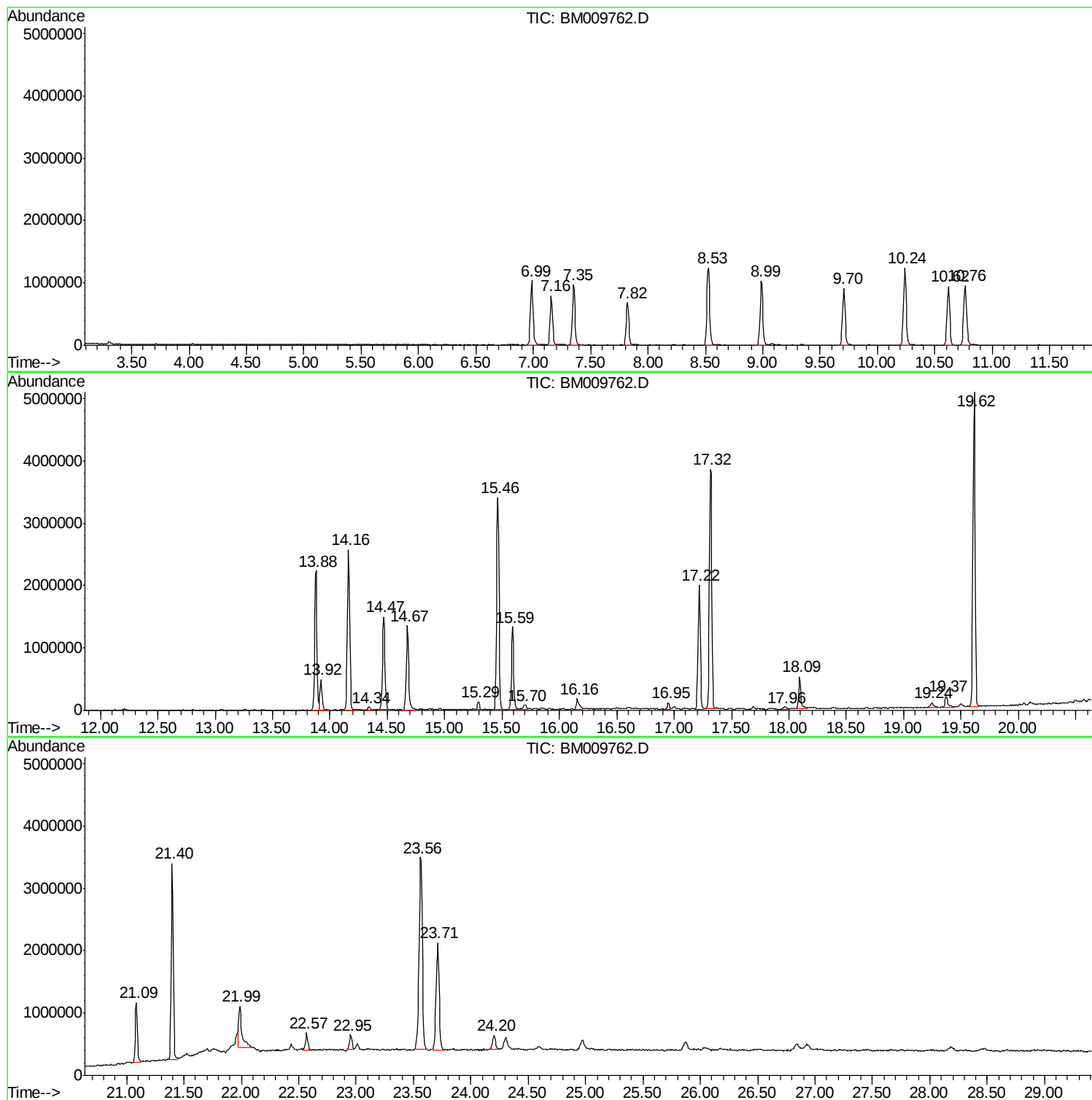
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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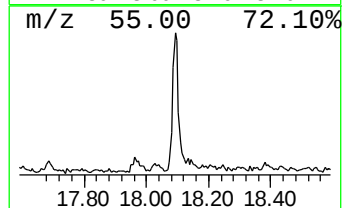
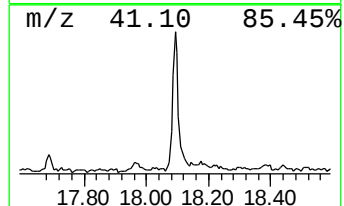
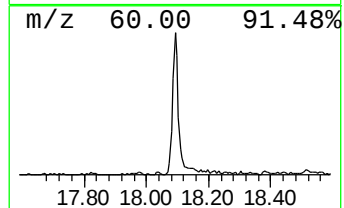
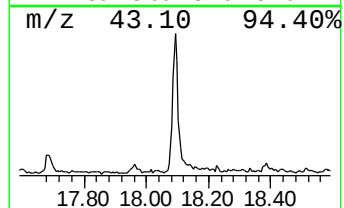
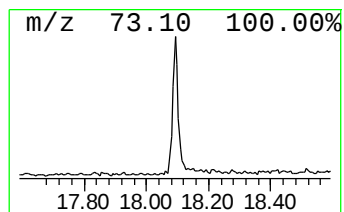
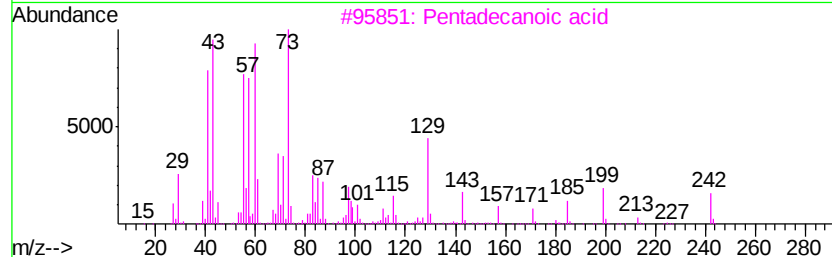
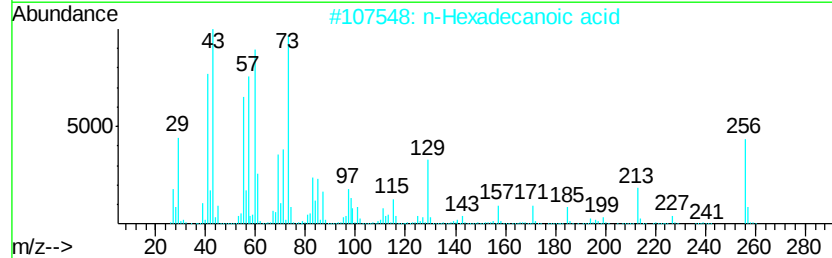
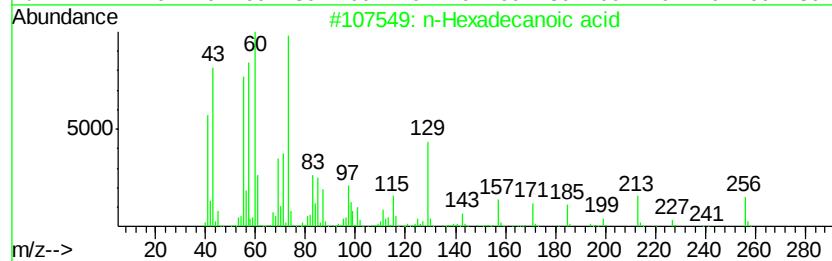
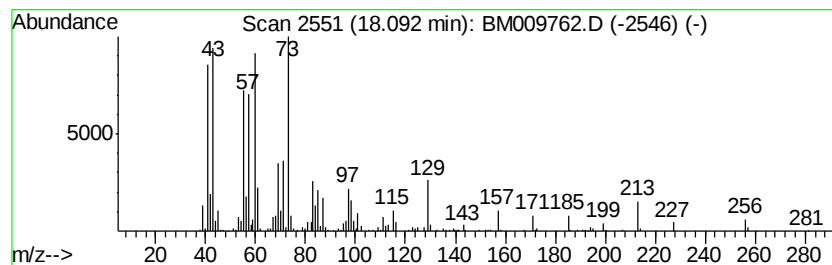
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	5.10 ng/ul	741282	Phenanthrene-d10	17.22		
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	98	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	



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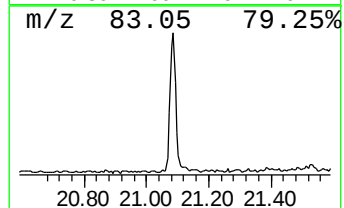
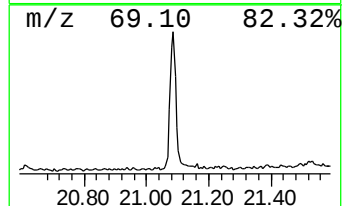
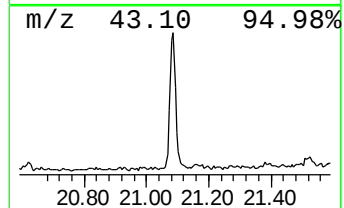
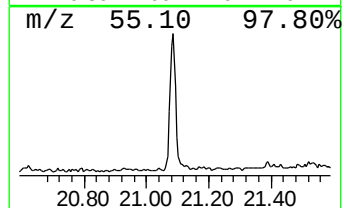
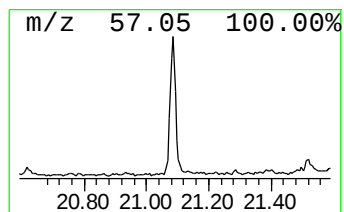
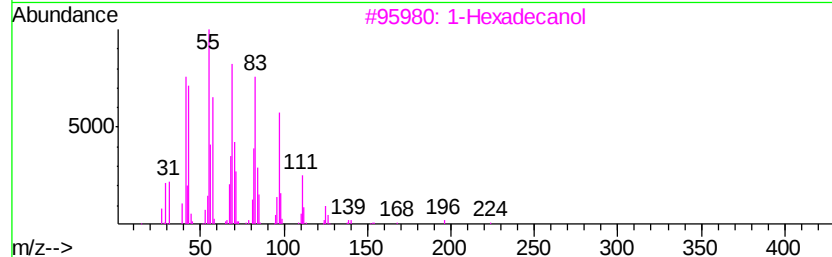
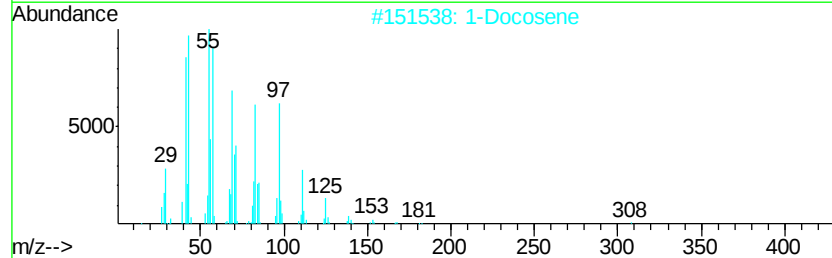
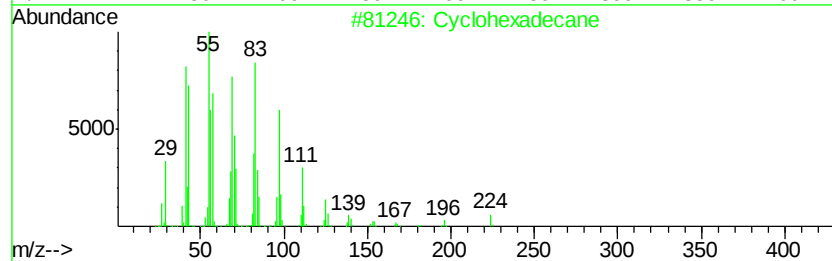
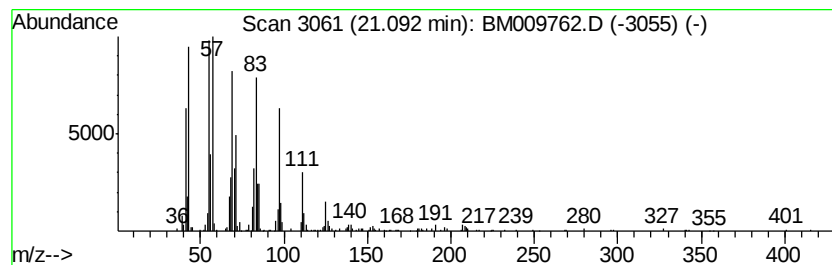
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Peak Number 2 (DEL) Alkane: Cyclic21.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.09	6.14 ng/ul	1200760	Chrysene-d12	21.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Docosene	308	C22H44	001599-67-3	93
3	1-Hexadecanol	242	C16H34O	036653-82-4	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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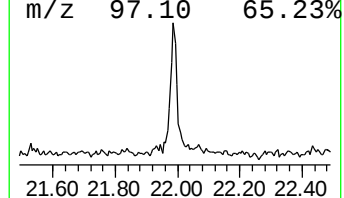
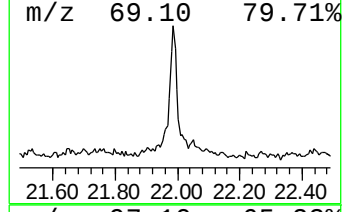
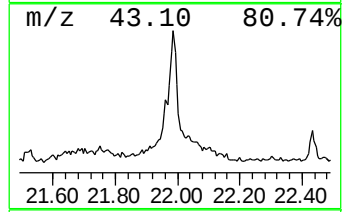
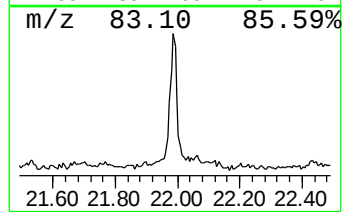
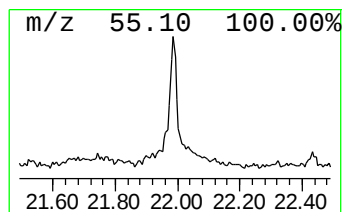
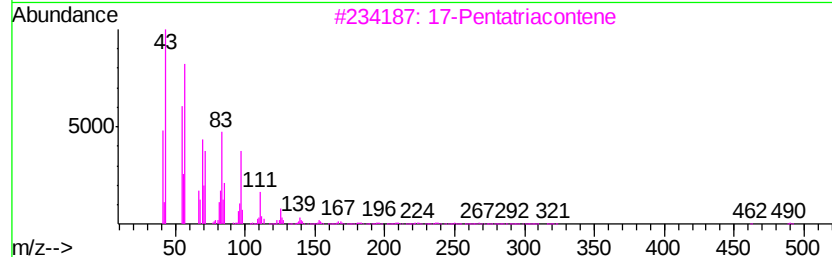
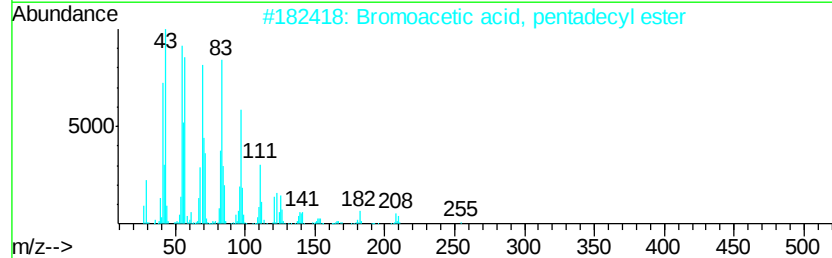
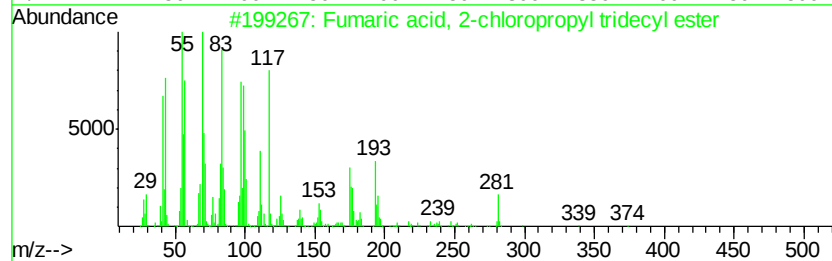
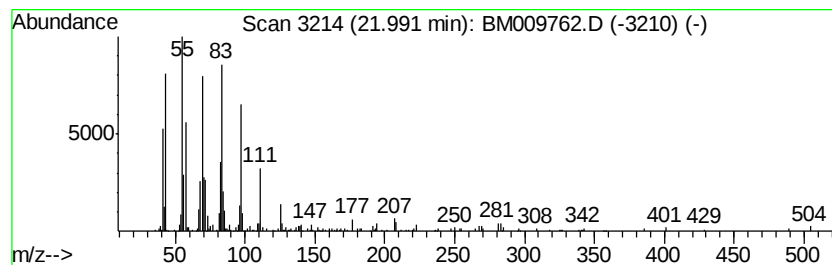
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Fumaric acid, 2-chloropropyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	6.86 ng/ul	1340750	Chrysene-d12	21.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	91	
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	90	
3	17-Pentatriacontene	491	C35H70	006971-40-0	90	
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90	
5	Cyclopentane, decyl-	210	C15H30	001795-21-7	90	



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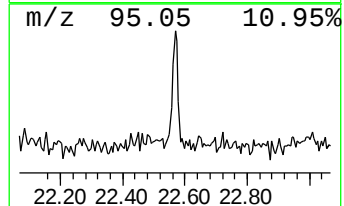
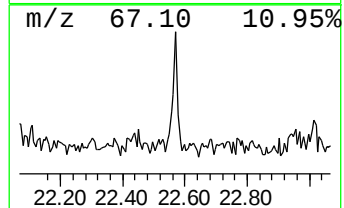
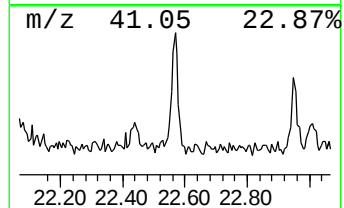
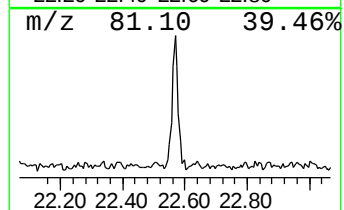
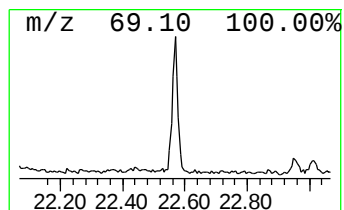
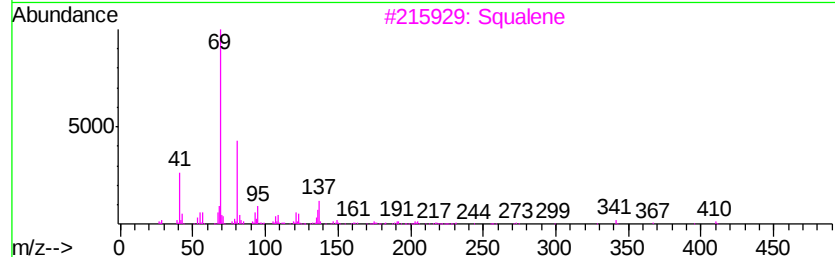
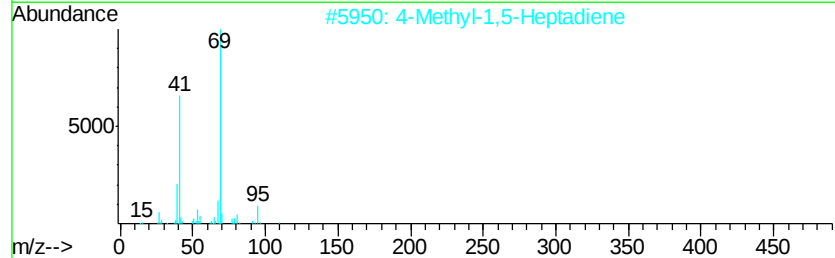
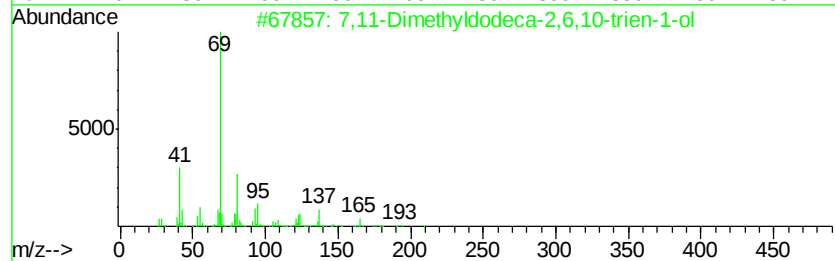
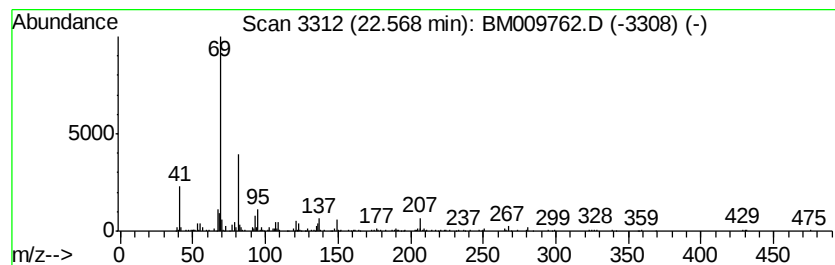
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Peak Number 4 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.33 ng/ul	381268	Perylene-d12	23.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72		
2	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	72		
3	Squalene	410	C30H50	000111-02-4	64		
4	Supraene	410	C30H50	007683-64-9	64		
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64		



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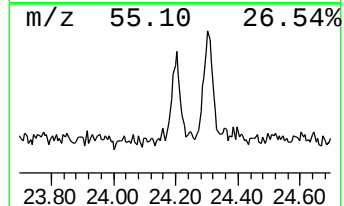
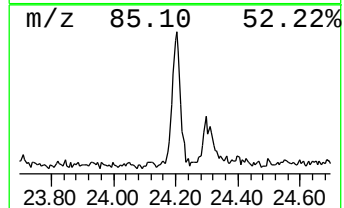
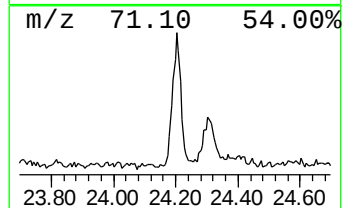
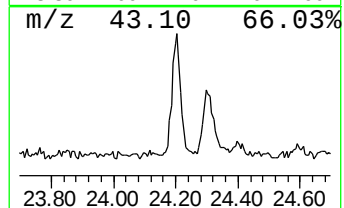
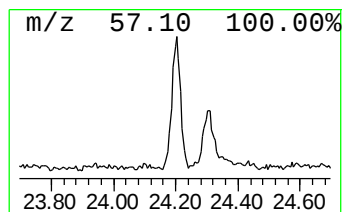
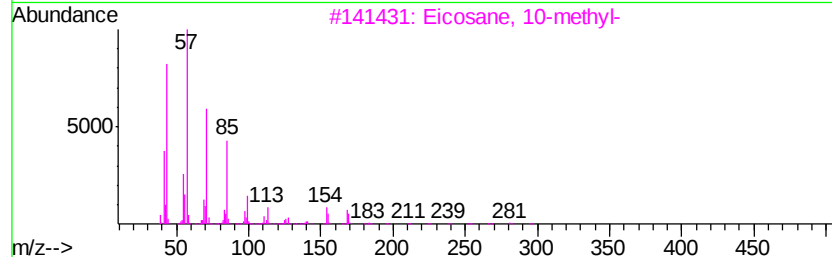
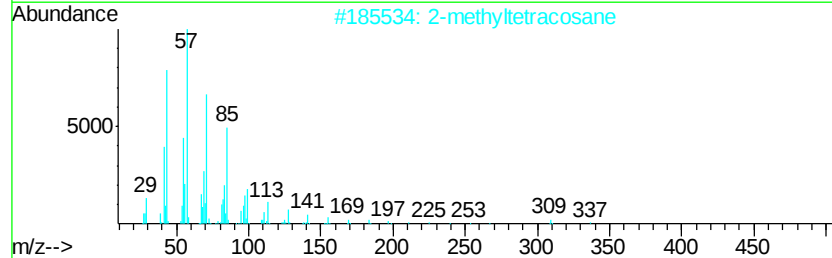
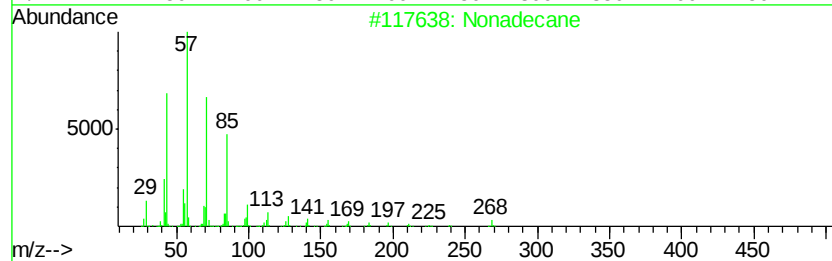
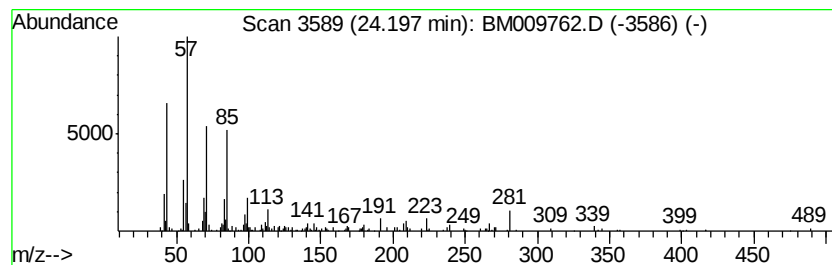
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	2.56 ng/ul	419315	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	2-methyltetracosane	352	C25H52	1000376-72-6	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Tetratetracontane	619	C44H90	007098-22-8	68
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64



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BNA_M
ClientSampleId :
JHSM6

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	5.1	ng/ul	741282	4	17.22	2909610	20.0
(DEL) Alkane: Cyc...	21.09	6.1	ng/ul	1200760	5	21.40	3908850	20.0
Fumaric acid, 2-c...	21.99	6.9	ng/ul	1340750	5	21.40	3908850	20.0
7,11-Dimethyldode...	22.57	2.3	ng/ul	381268	6	23.71	3273380	20.0
(DEL) Alkane: Str...	24.20	2.6	ng/ul	419315	6	23.71	3273380	20.0