LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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	7.016	663	668	680	rVB	557540	1032977	3.68%	0.329%
2	7.169	685	694	705	rBV	442077	776296	2.77%	0.247%
3	7.375	723	729	736	rVB	616845	1001124	3.57%	0.319%
4	7.845	804	809	812	rBV	755427	1240473	4.43%	0.395%
5	7.881	812	815	822	rVB	729222	1099524	3.92%	0.350%
6	8.563	924	931	939	rBV	670942	1202047	4.29%	0.383%
7	9.016	1001	1008	1024	rVB	598463	1318933	4.70%	0.420%
8	9.739	1119	1131	1139	rBV	517328	1002110	3.57%	0.319%
9	10.057	1176	1185	1191	rBV	477897	839790	3.00%	0.267%
10	10.281	1216	1223	1231	rBV	759594	1371374	4.89%	0.437%
11	10.651	1280	1286	1291	rBV	1087394	1782651	6.36%	0.568%
12	10.792	1302	1310	1328	rVB3	200582	618716	2.21%	0.197%
13	13.898	1830	1838	1843	rBV	1420247	2167660	7.73%	0.690%
14	13.951	1843	1847	1853	rVB	655665	913693	3.26%	0.291%
15	14.192	1882	1888	1899	rBV	1839187	3027799	10.80%	0.964%
16	14.498	1929	1940	1946	rBV2	1684477	2657845	9.48%	0.846%
17	14.563	1946	1951	1958	rVB	347095	550597	1.96%	0.175%
18	14.733	1970	1980	1989	rBV	371084	860218	3.07%	0.274%
19	14.898	2000	2008	2016	rBV3	220986	477169	1.70%	0.152%
20	15.492	2104	2109	2114	rBV	2150490	3003778	10.72%	0.957%
21	15.545	2114	2118	2127	rVB	286252	483232	1.72%	0.154%
22	15.645	2131	2135	2141	rBV2	245357	405057	1.44%	0.129%
23	16.204	2228	2230	2244	rVB3	277162	528168	1.88%	0.168%
24	16.974	2358	2361	2365	rBV2	228930	313100	1.12%	0.100%
25	17.251	2403	2408	2411	rBV2	2143763	2953493	10.54%	0.941%
26	17.292	2411	2415	2420	rVV	2905520	3905102	13.93%	1.244%
27	17.351	2420	2425	2428	rVV	2270517	3158837	11.27%	1.006%
28	17.380	2428	2430	2435	rVB	459009	588989	2.10%	0.188%
29	17.715	2484	2487	2492	rVB	273433	355193	1.27%	0.113%
30	17.845	2506	2509	2514	rVB	419917	545717	1.95%	0.174%
31	18.127	2552	2557	2561	rBV	2153184	2968658	10.59%	0.945%
32	18.315	2585	2589	2594	rBV2	541756	1073996	3.83%	0.342%
33	18.410	2602	2605	2612	rBV2	371844	609644	2.17%	0.194%
34	18.851	2677	2680	2685	rVB	1044081	1310586	4.68%	0.417%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

35	19.039	2709	2712	2717	rBV	1179976	1514944	5.40%	0.482%
36	19.309	2754	2758	2761	rBV	4774832	5853704	20.88%	1.864%
37	19.351	2761	2765	2770	rVB	10849224	13498373	48.15%	4.298%
38	19.404	2770	2774	2780	rBV2	1855622	2429121	8.67%	0.774%
39	19.539	2795	2797	2802	rVB4	634708	741383	2.64%	0.236%
40	19.621	2807	2811	2812	rBV	2262589	2529097	9.02%	0.805%
41	19.645	2812	2815	2818	rVV2	3368399	5352290	19.09%	1.704%
42	19.674	2818	2820	2827	rVB	4078065	5190180	18.51%	1.653%
43	19.845	2846	2849	2855	rVB2	2053052	2532512	9.03%	0.806%
44	20.080	2886	2889	2893	rVB	1234879	1409298	5.03%	0.449%
45	20.151	2898	2901	2907	rVB2	5591821	7018351	25.04%	2.235%
46	20.651	2982	2986	2990	rBV	11093526	11615325	41.44%	3.699%
47	21.115	3061	3065	3069	rVB	18717748	19772277	70.53%	6.296%
48	21.427	3113	3118	3123	rBV4	2985216	6376487	22.75%	2.031%
49	21.550	3135	3139	3143	rBV	20755317	22990733	82.01%	7.321%
50	21.997	3210	3215	3221	rVB	22387590	28032641	100.00%	8.927%
51	22.480	3292	3297	3304	rVB	19205353	26596129	94.88%	8.469%
52	23.003	3381	3386	3391	rVB	18789031	27956949	99.73%	8.903%
53	23.597	3481	3487	3496	rBV3	13237643	23715650	84.60%	7.552%
54	24.274	3597	3602	3612	rVB	11408024	23081553	82.34%	7.350%
55	25.062	3731	3736	3744	rVB	4840121	10218795	36.45%	3.254%
56	25.162	3746	3753	3760	rVB	8299571	19455963	69.40%	6.196%

Sum of corrected areas: 314026301

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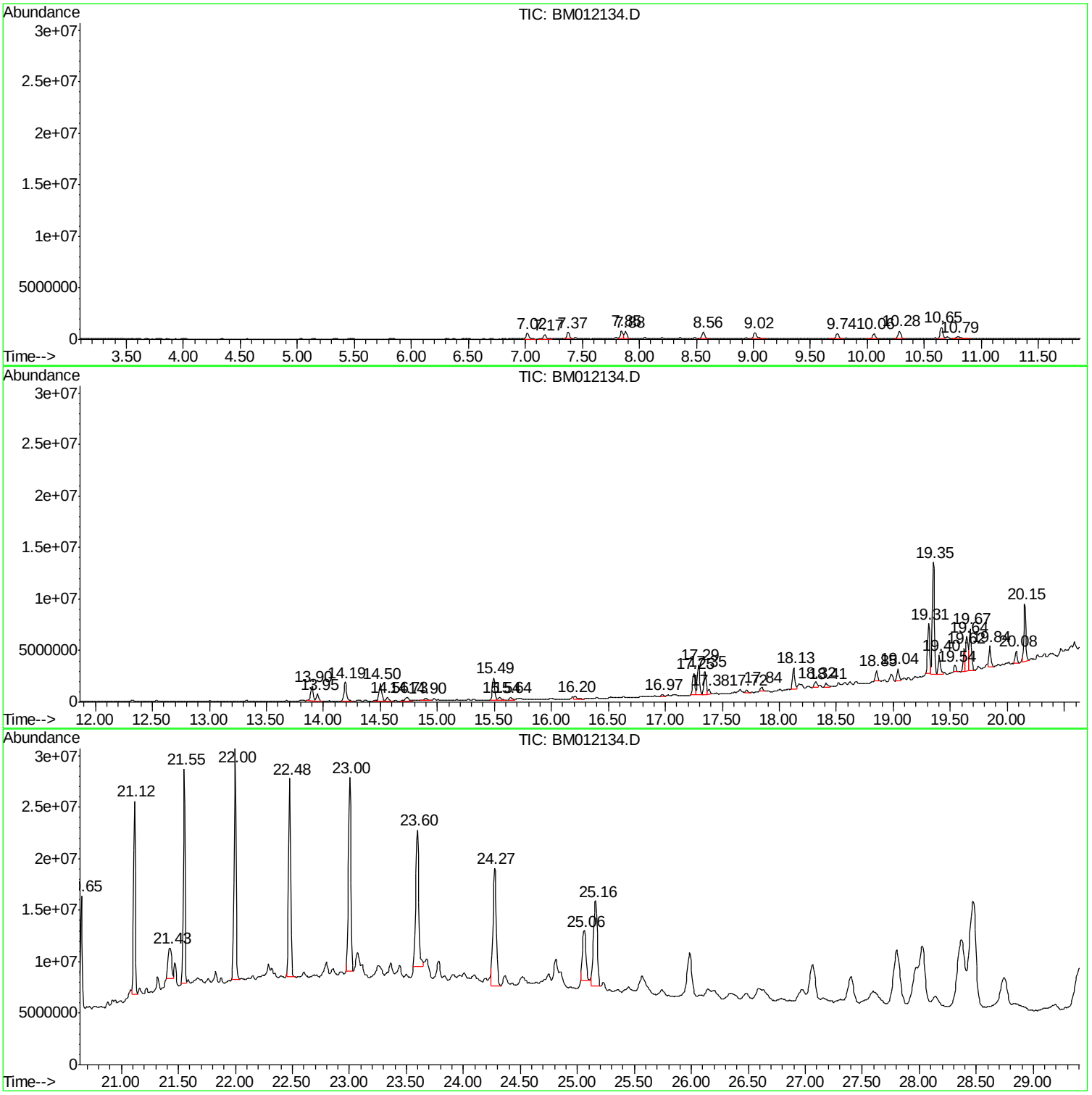
Instrument :
BNA_M
ClientSampleId :
C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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Operator : SJ/JU
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Quant Title : SVOA CALIBRATION

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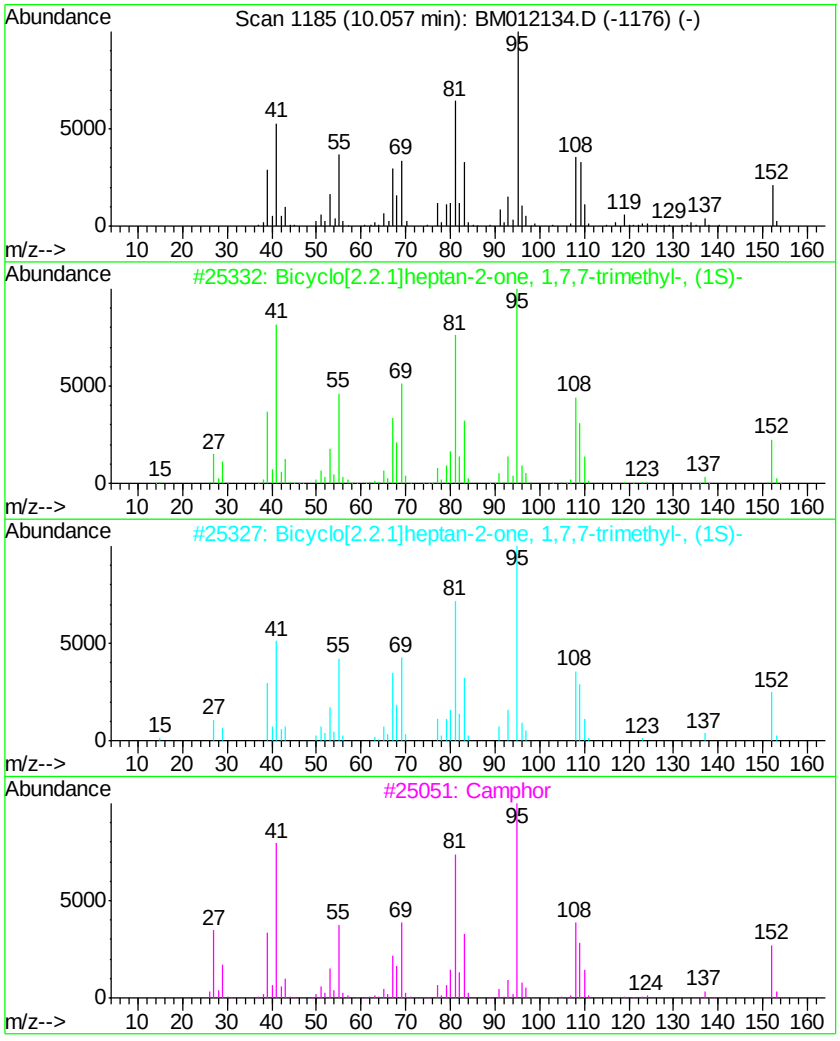
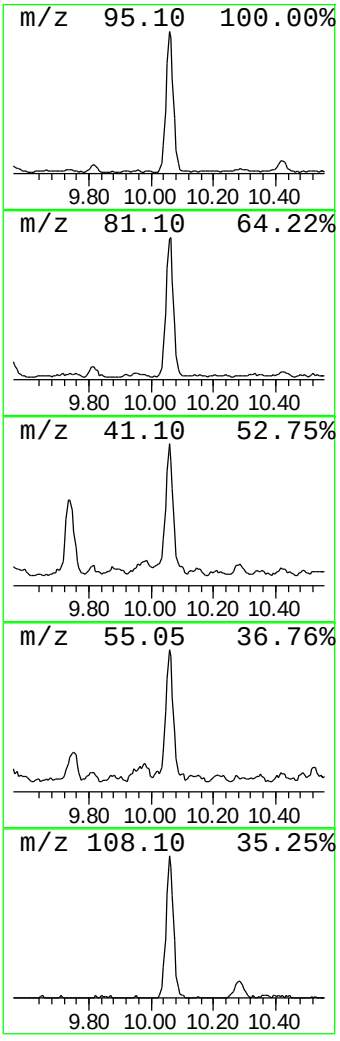
****

Peak Number 1 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	9.42 ng/ul	839790	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3	Camphor	152	C10H16O	000076-22-2	97
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	Camphor	152	C10H16O	000076-22-2	96





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Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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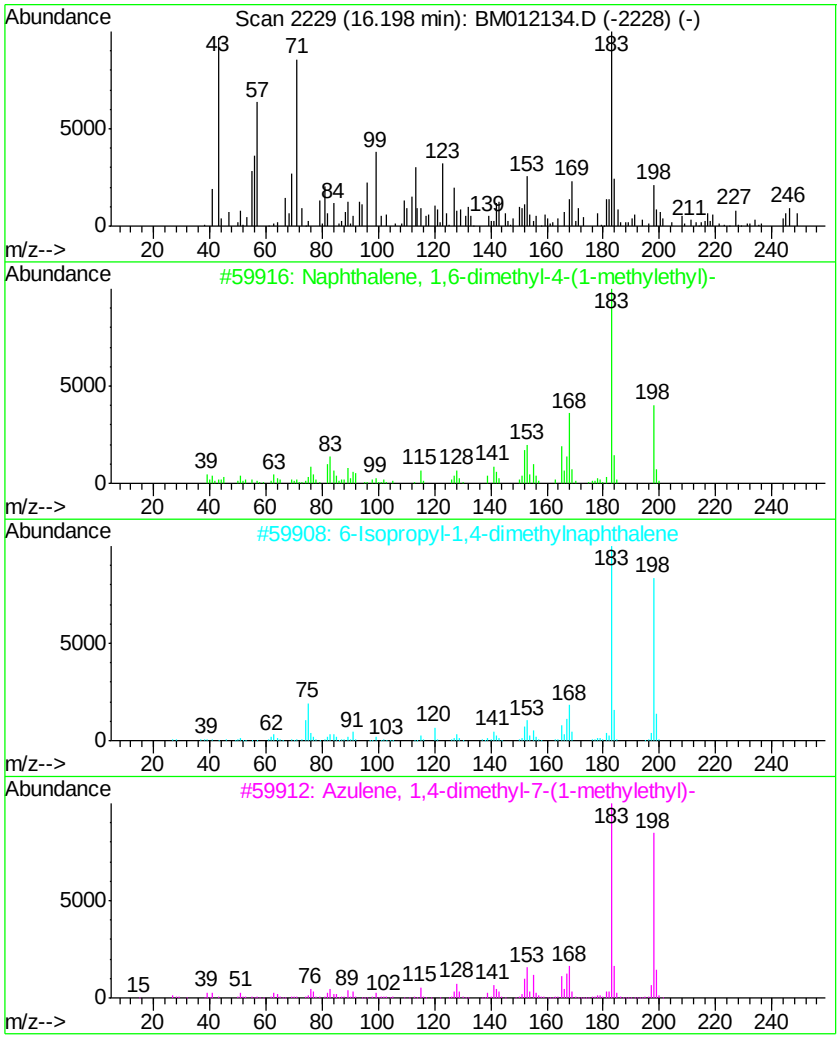
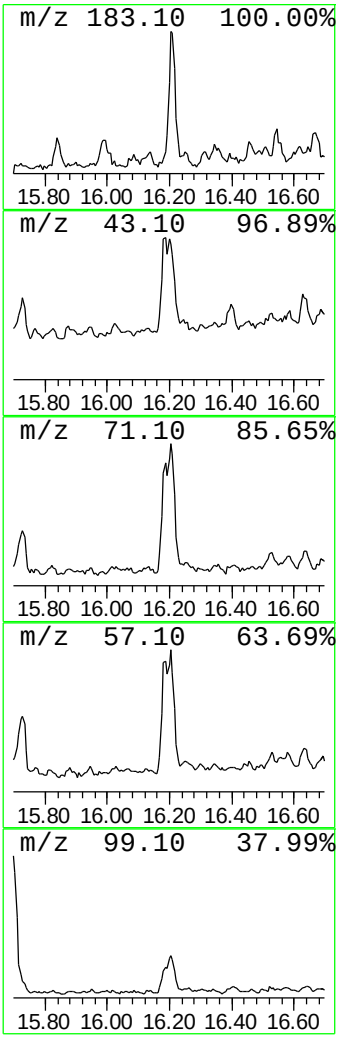
Peak Number 2 Naphthalene, 1,6-dimethyl-4... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.58 ng/ul	528168	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	56
2	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	46
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	41
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	38
5	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	38





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Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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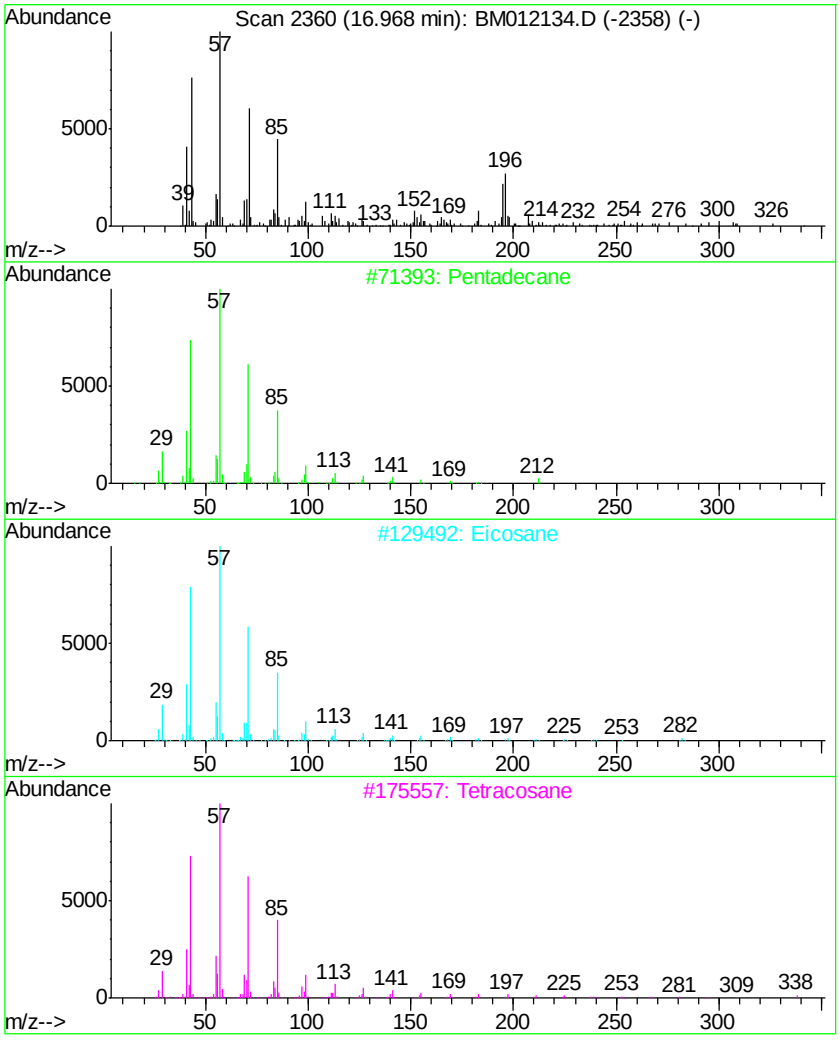
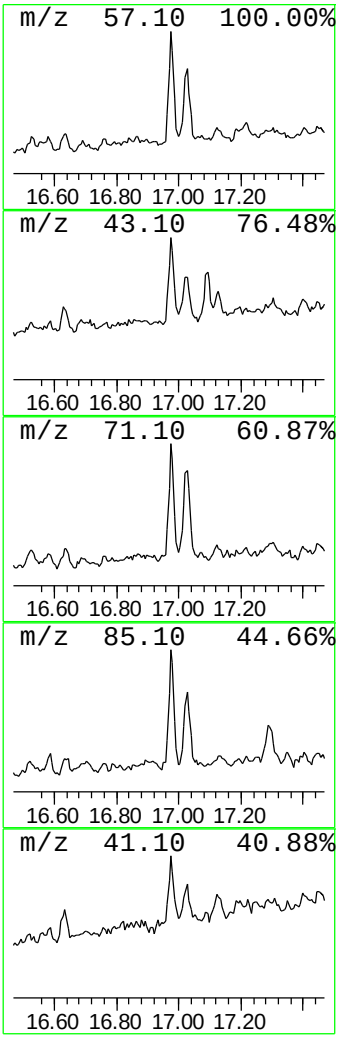
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.12 ng/ul	313100	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Eicosane	282	C20H42	000112-95-8	62
3	Tetracosane	338	C24H50	000646-31-1	62
4	Heneicosane	296	C21H44	000629-94-7	62
5	Docosane	310	C22H46	000629-97-0	62





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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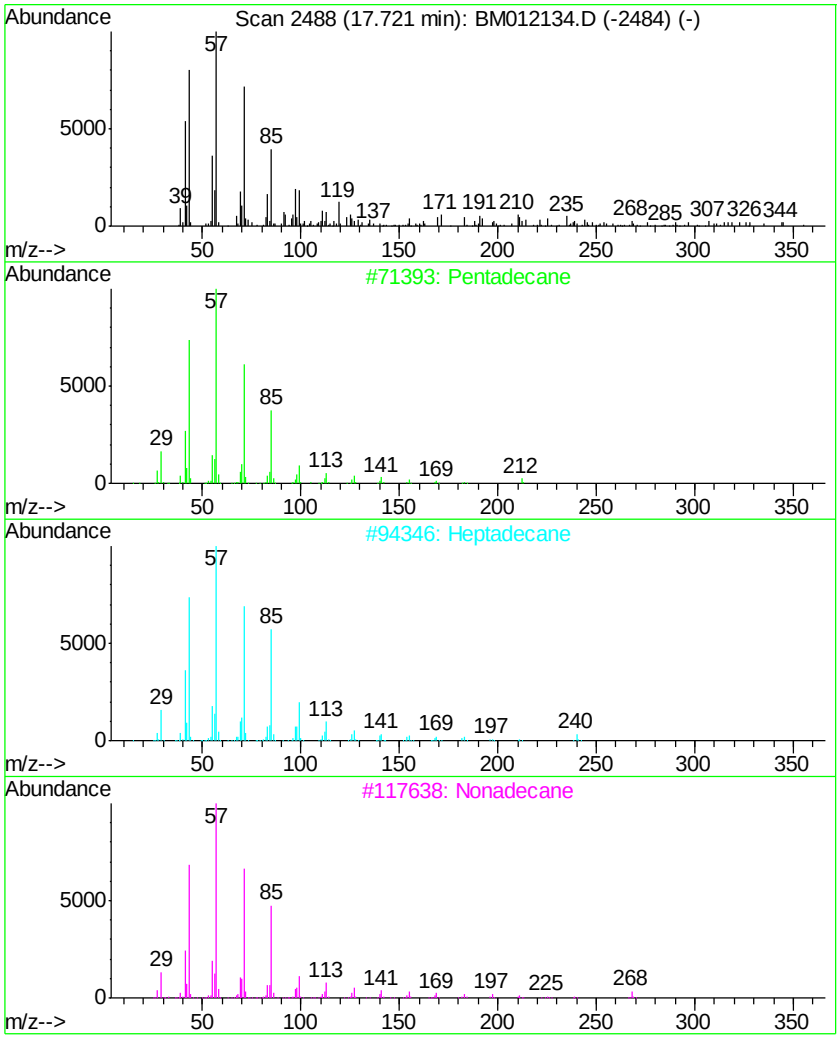
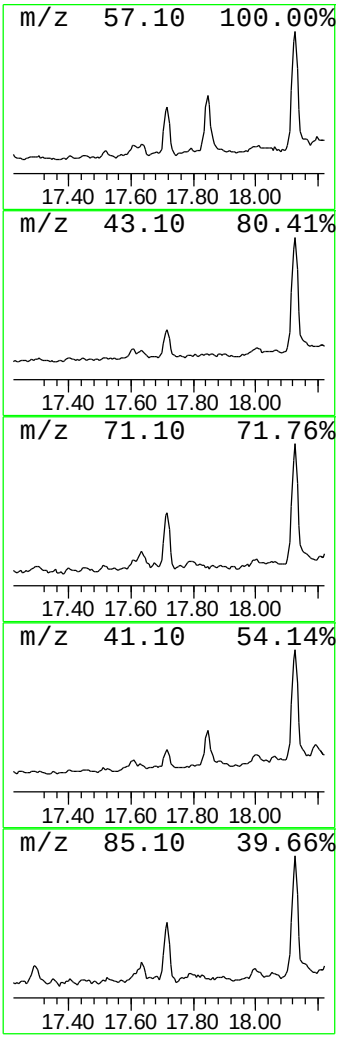
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.41 ng/ul	355193	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5	Nonadecane	268	C19H40	000629-92-5	90





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Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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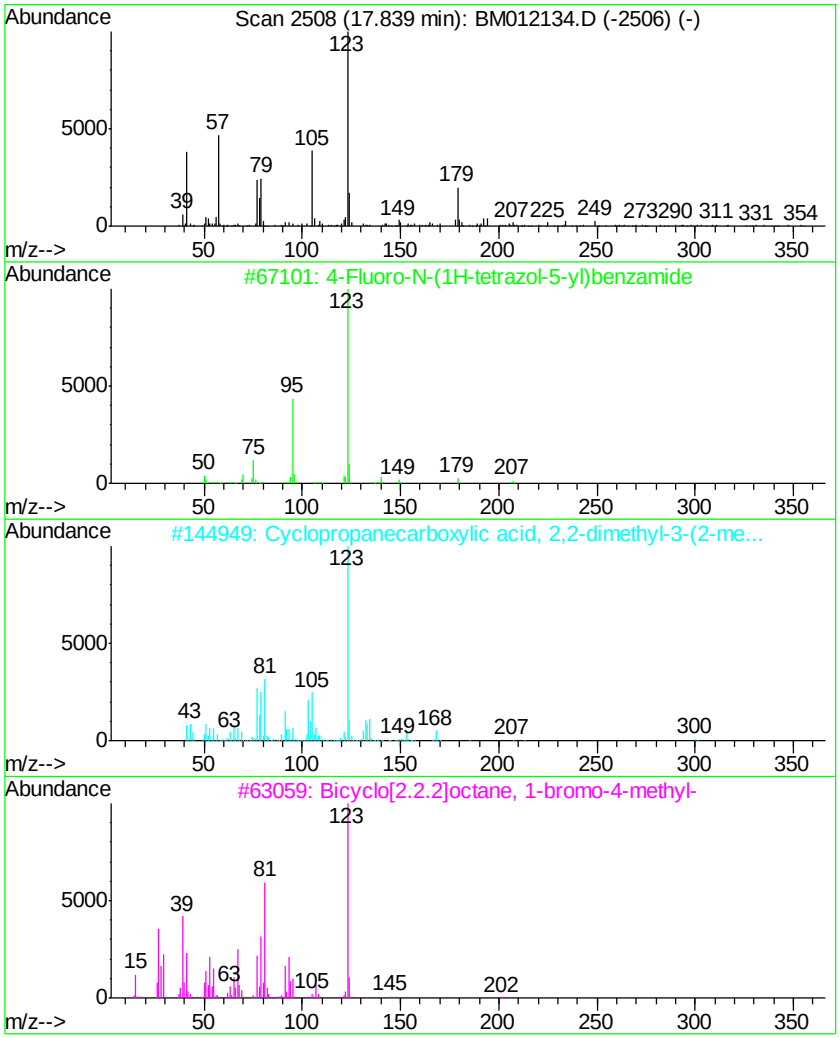
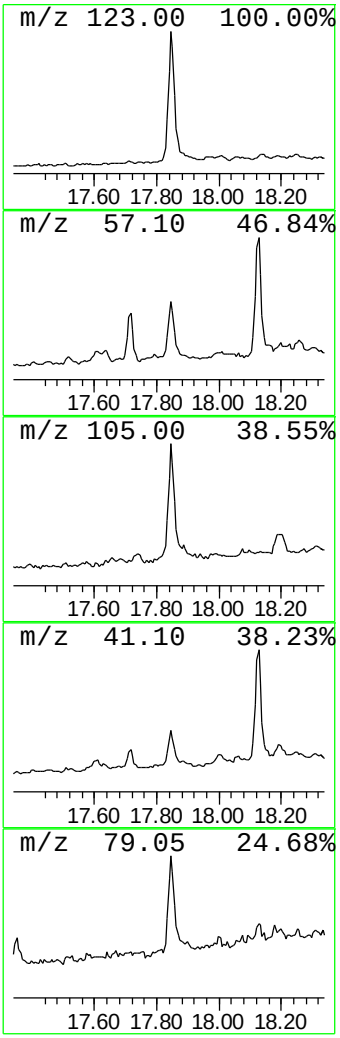
Peak Number 5 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.70 ng/ul	545717	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	43
2	Cyclopropanecarboxylic acid, 2,2...	300	C19H24O3	023031-36-9	39
3	Bicyclo[2.2.2]octane, 1-bromo-4-...	202	C9H15Br	000697-40-5	38
4	Cyclopropanecarboxamide, N-benzo...	333	C22H23NO2	1000320-22-2	36
5	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	33





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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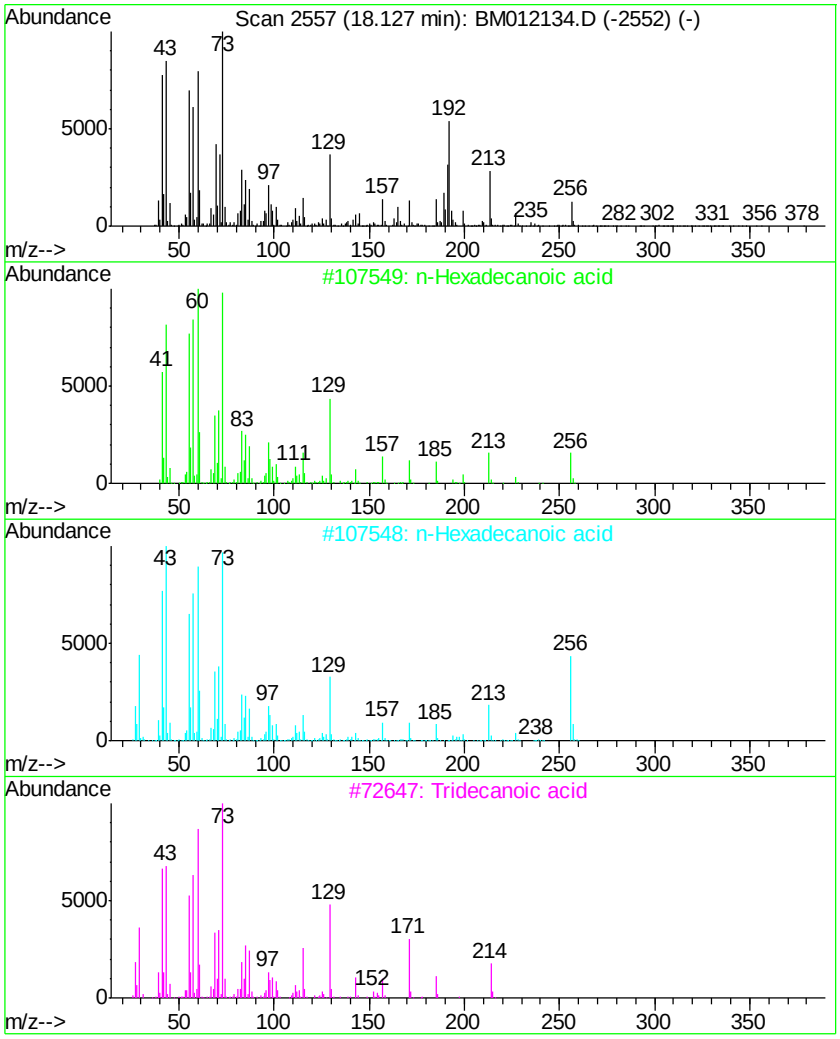
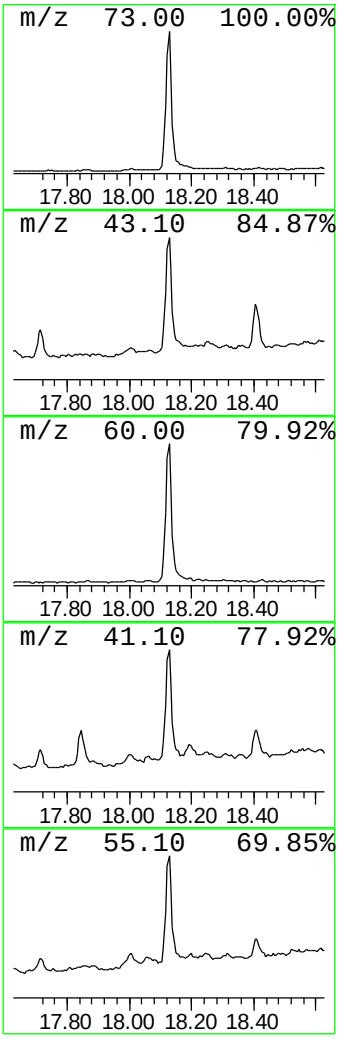
Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	20.10 ng/ul	2968660	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





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Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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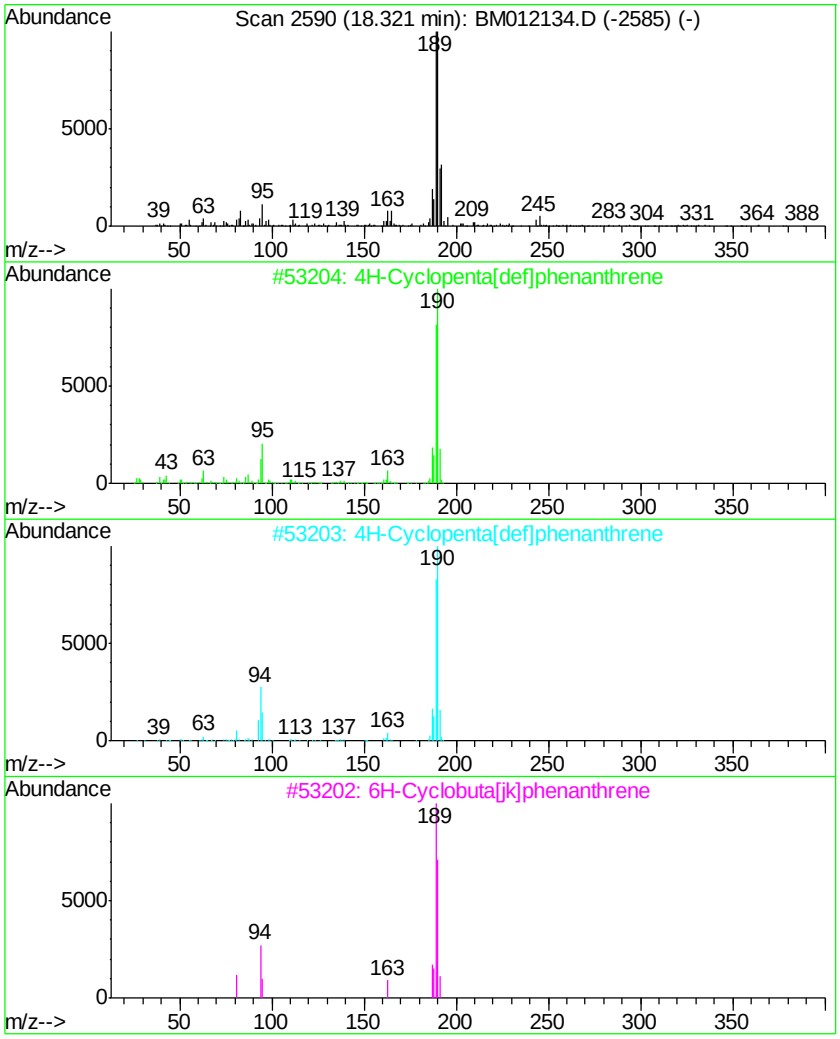
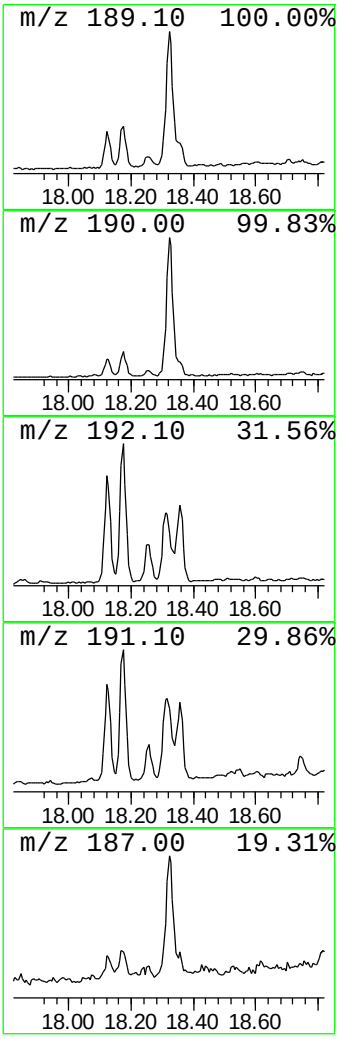
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	7.27 ng/ul	1074000	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35





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Data File : BM012134.D
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Sample : I5550-01
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Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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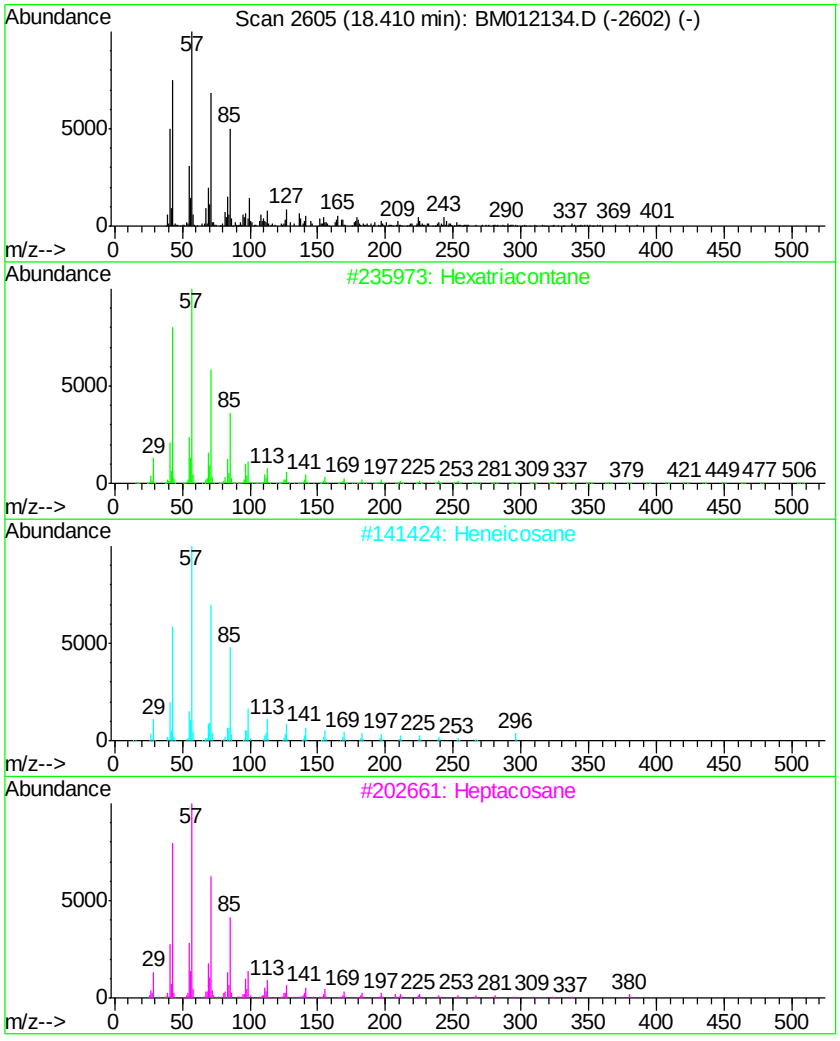
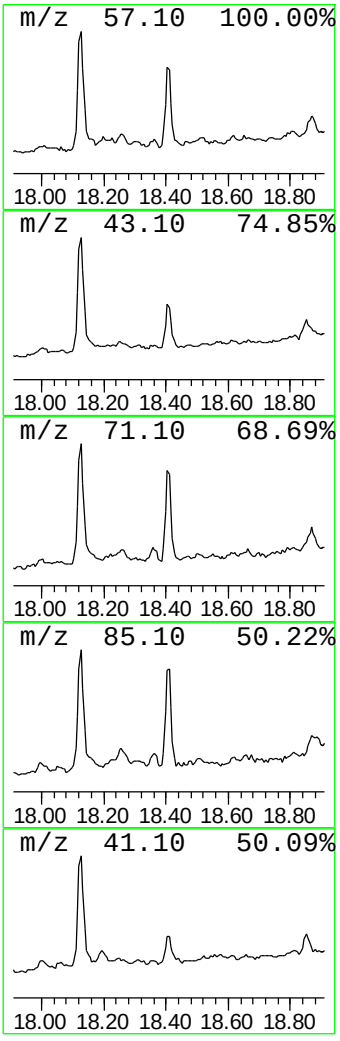
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.13 ng/ul	609644	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	83
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80





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Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
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Instrument : BNA_M
ClientSampleId : C0AF0

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Quant Title : SVOA CALIBRATION

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

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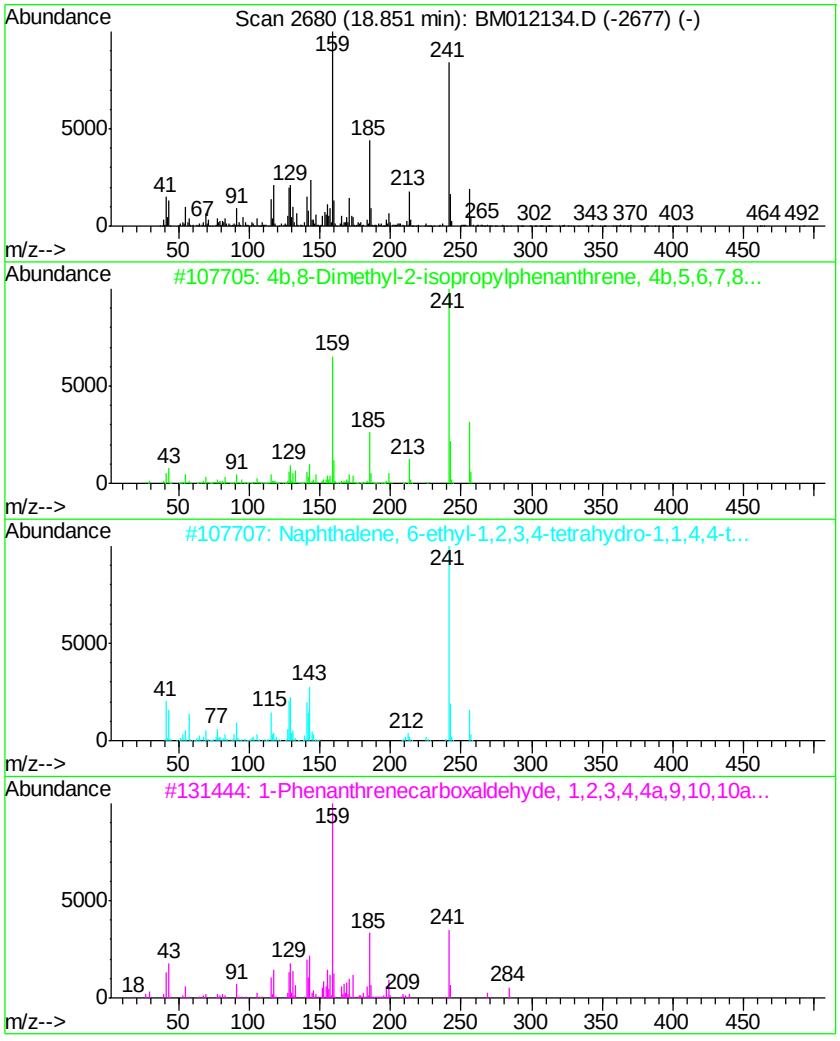
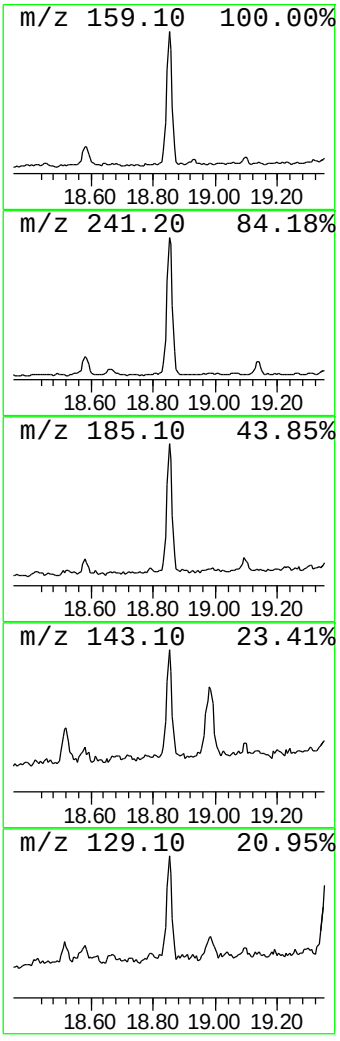
Peak Number 9 4b,8-Dimethyl-2-isopropylph... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	8.87 ng/ul	1310590	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	55
3	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	43
4	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	30





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Sample : I5550-01
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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

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Quant Title : SVOA CALIBRATION

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

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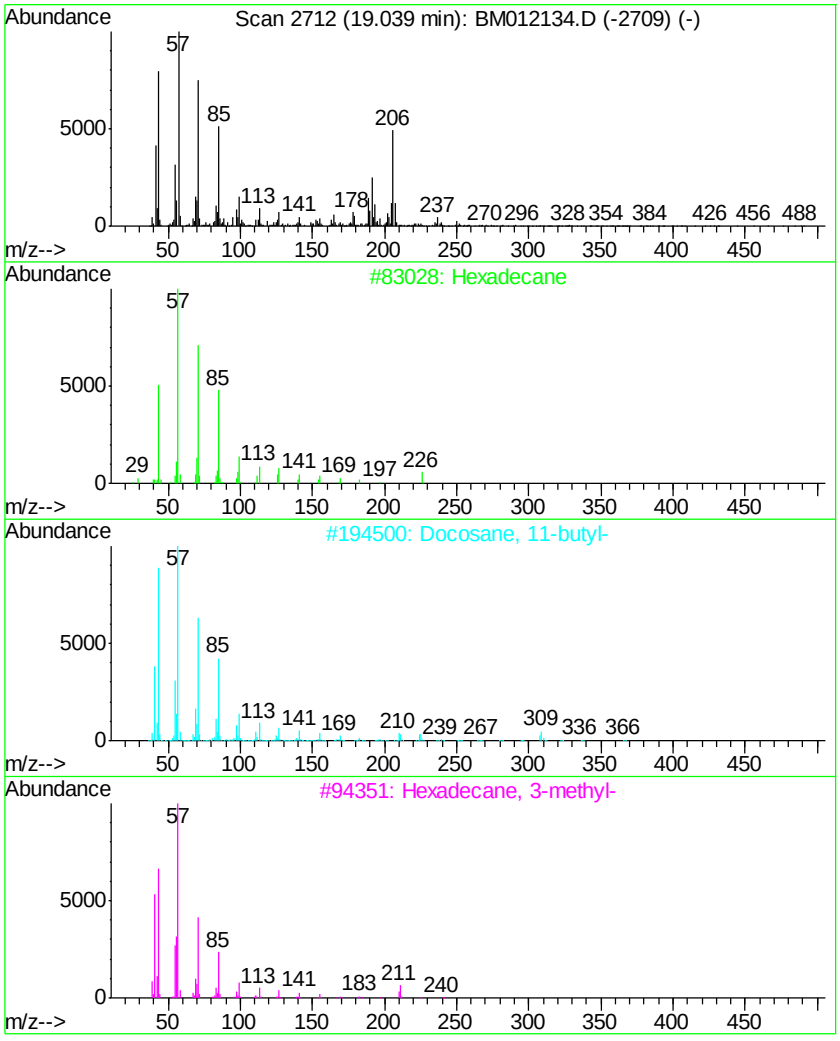
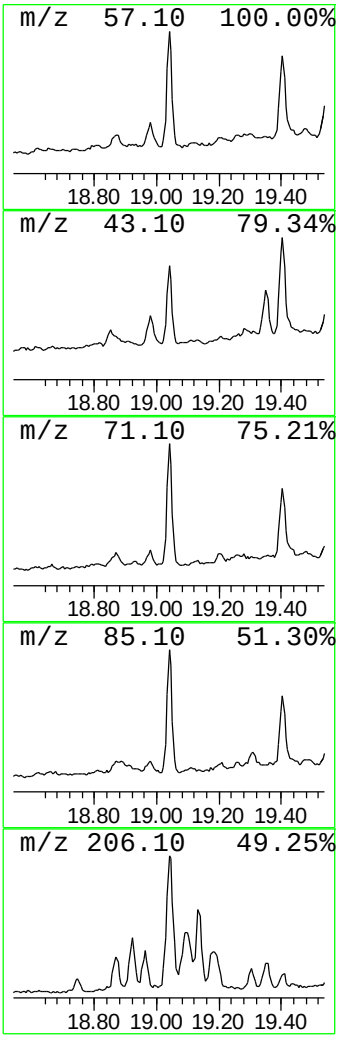
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	10.26 ng/ul	1514940	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	89
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
4	Eicosane	282	C20H42	000112-95-8	50
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	50





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

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Quant Title : SVOA CALIBRATION

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

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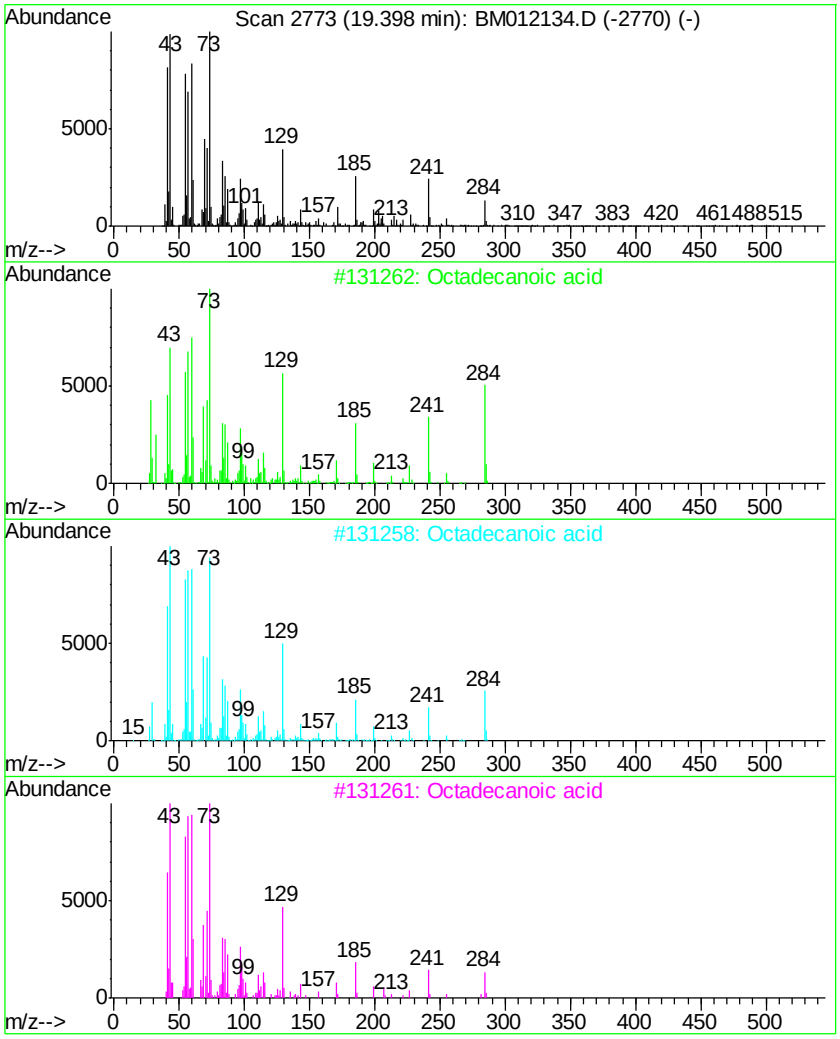
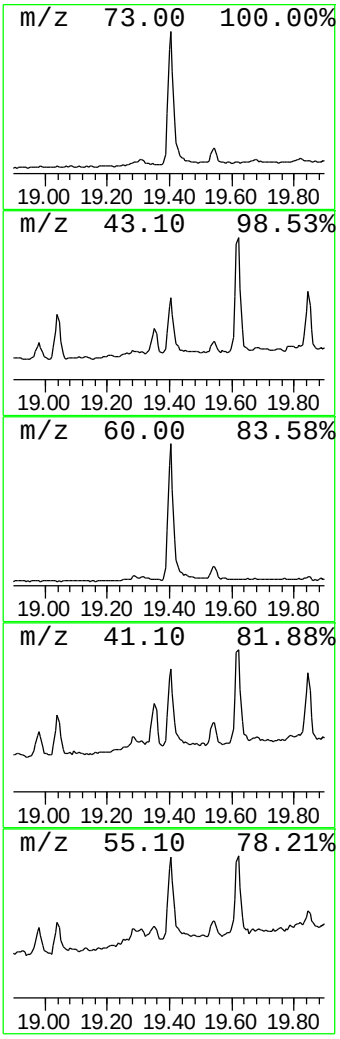
Peak Number 11 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	7.62 ng/ul	2429120	Chrysene-d12	21.43

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

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Quant Title : SVOA CALIBRATION

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

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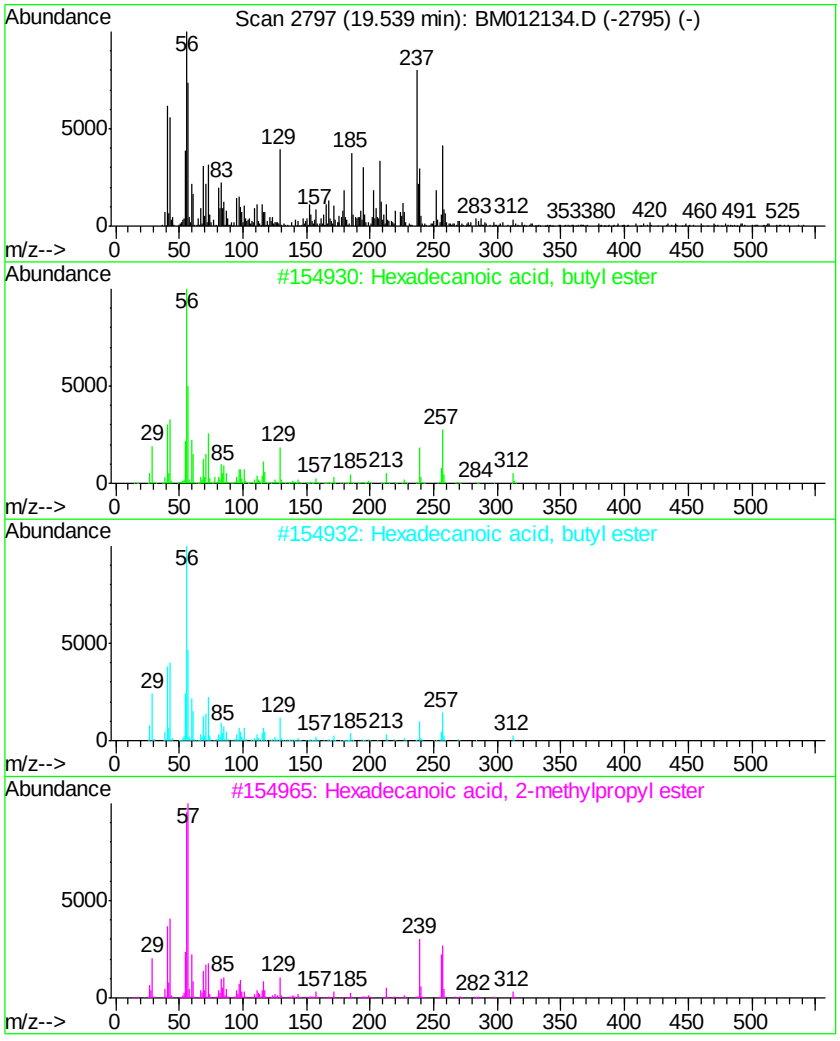
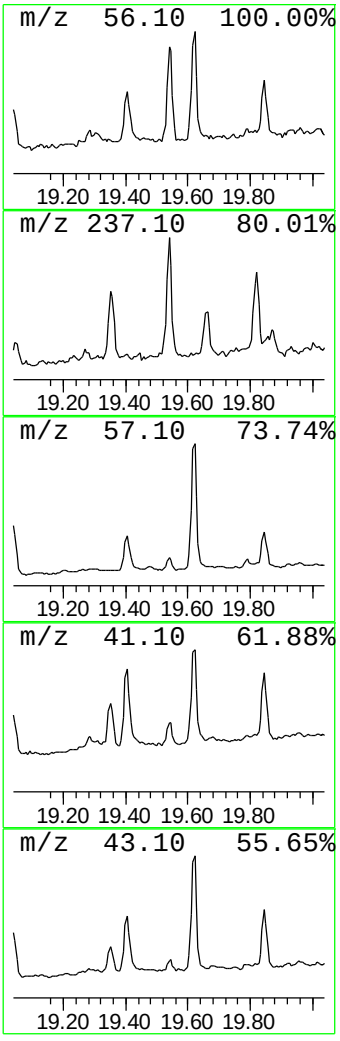
Peak Number 12 Hexadecanoic acid, butyl ester Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.33 ng/ul	741383	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	70
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
4	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	35
5	4,6-Difluoro-2-(4-methoxyphenyla...	237	C11H9F2N3O	1000070-53-0	30





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Quant Title : SVOA CALIBRATION

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

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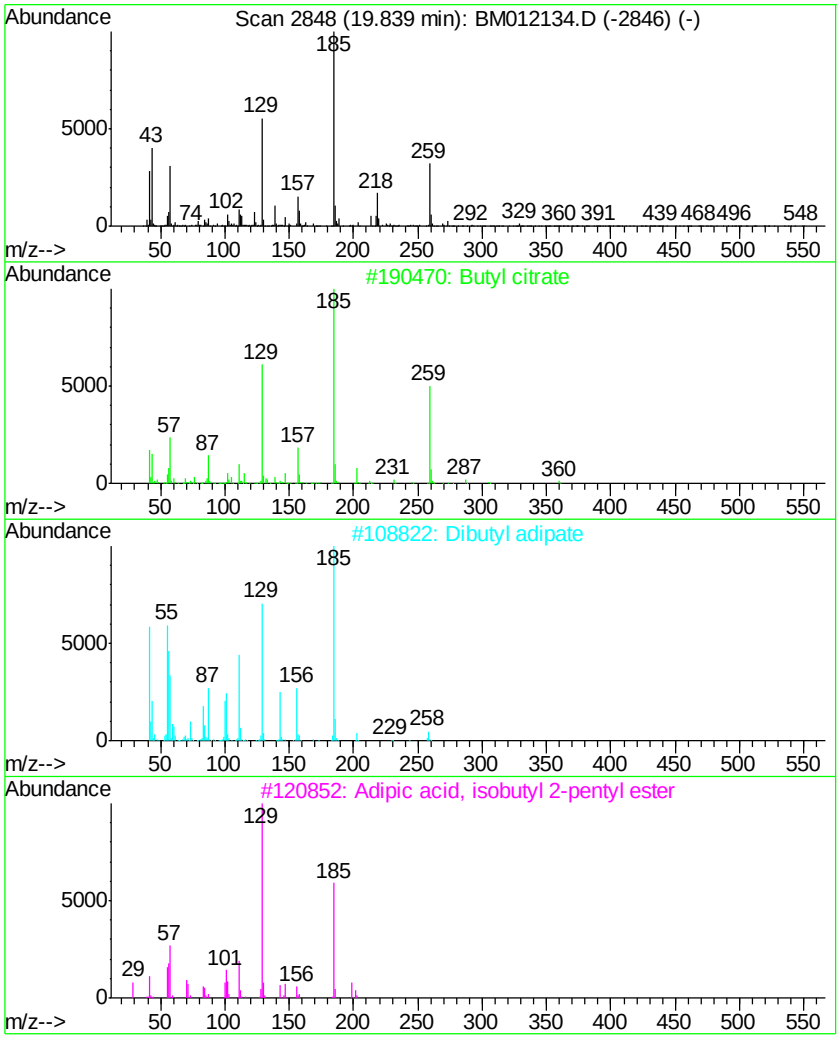
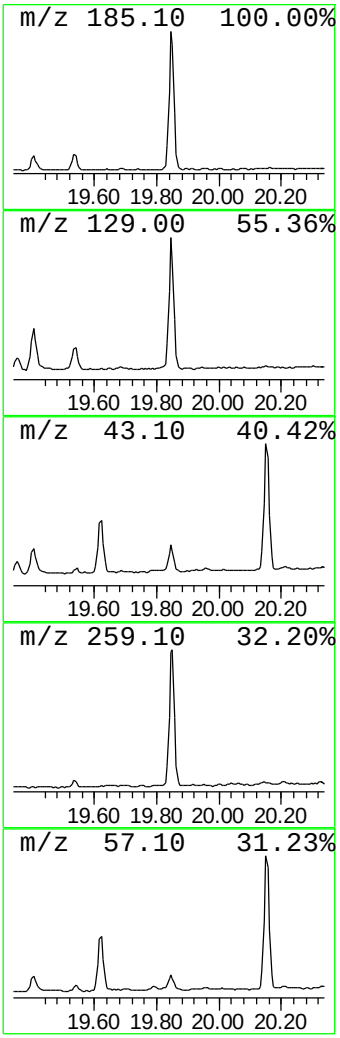
Peak Number 13 Butyl citrate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	7.94 ng/ul	2532510	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	64
2	Dibutyl adipate	258	C14H26O4	000105-99-7	40
3	Adipic acid, isobutyl 2-pentyl e...	272	C15H28O4	1000324-15-6	40
4	Adipic acid, 3-hexyl isobutyl ester	286	C16H30O4	1000353-62-2	40
5	Adipic acid, isobutyl 2-octyl ester	314	C18H34O4	1000324-44-5	40





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Quant Title : SVOA CALIBRATION

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

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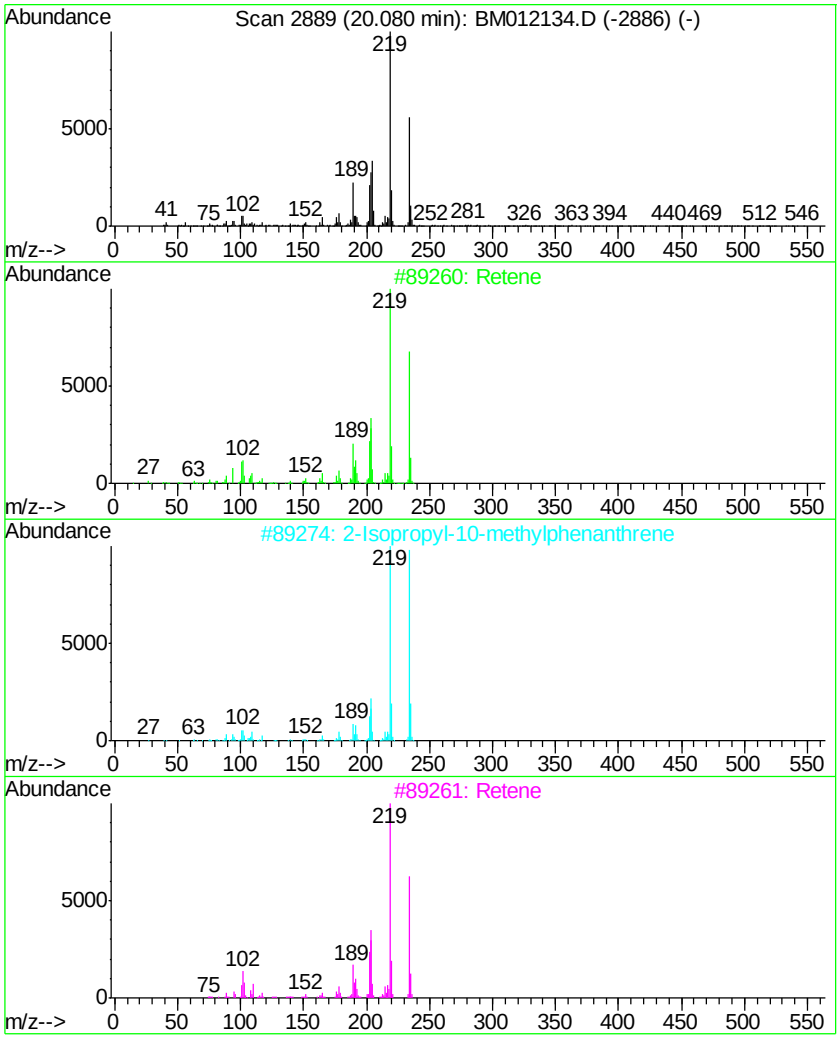
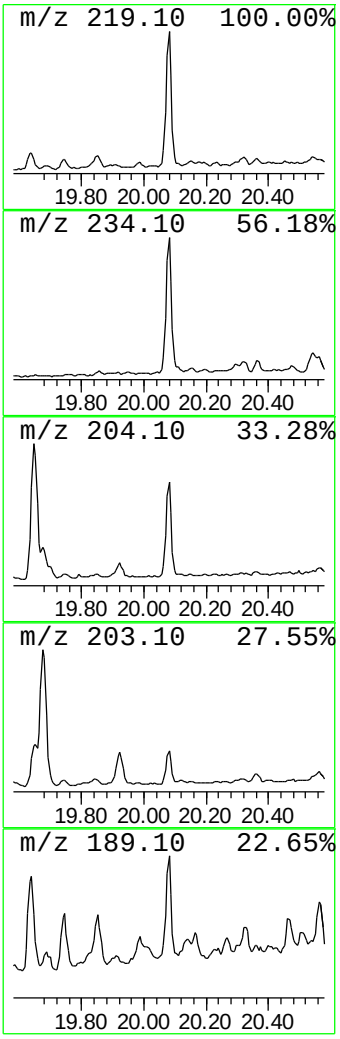
Peak Number 14 Retene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	4.42 ng/ul	1409300	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	Retene	234	C18H18	000483-65-8	91
4	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	59
5	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	49





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Quant Title : SVOA CALIBRATION

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

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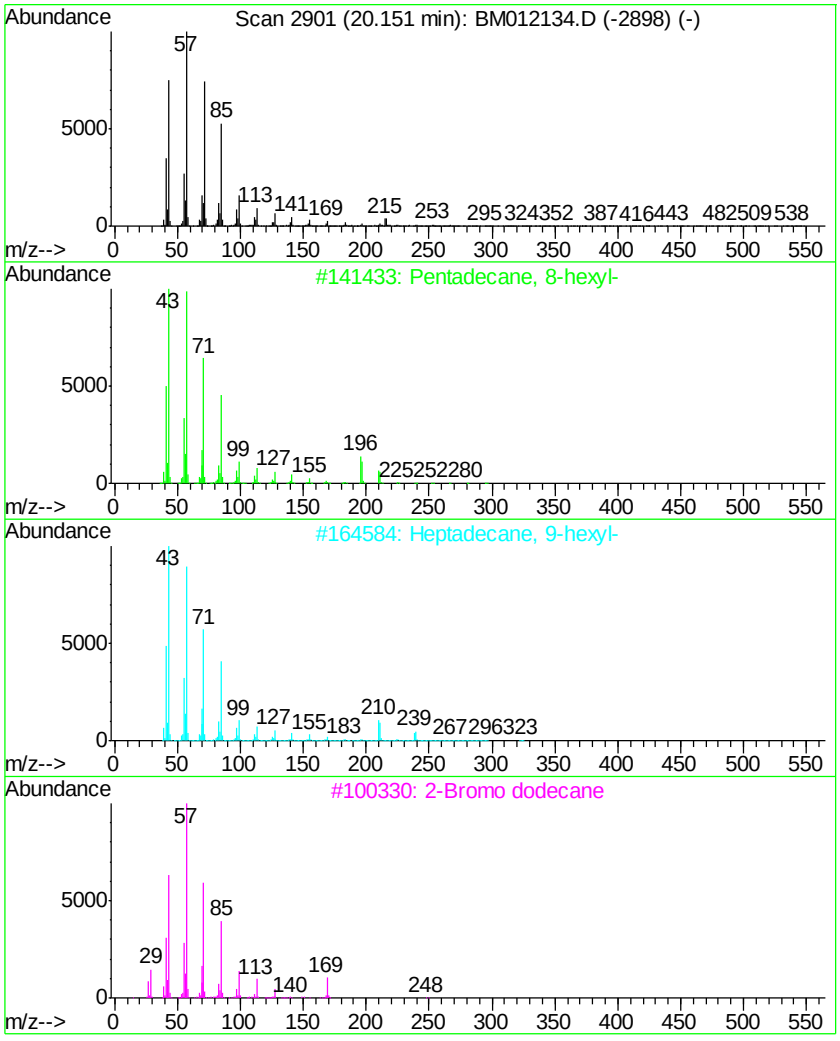
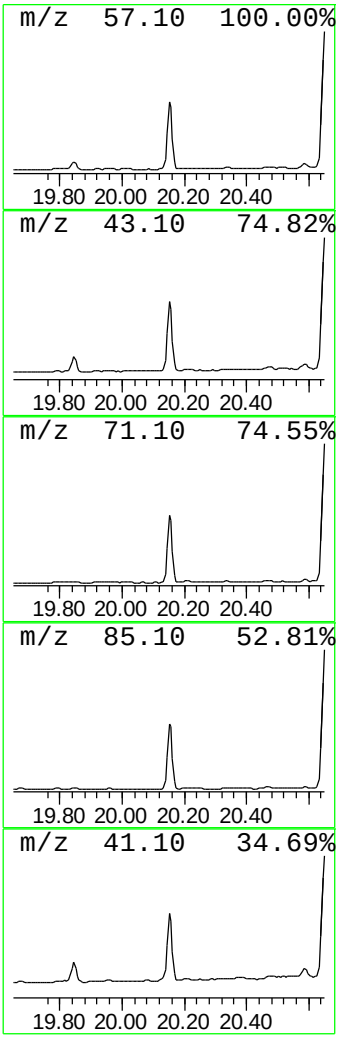
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	22.01 ng/ul	7018350	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heptacosane	380	C27H56	000593-49-7	91





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Quant Title : SVOA CALIBRATION

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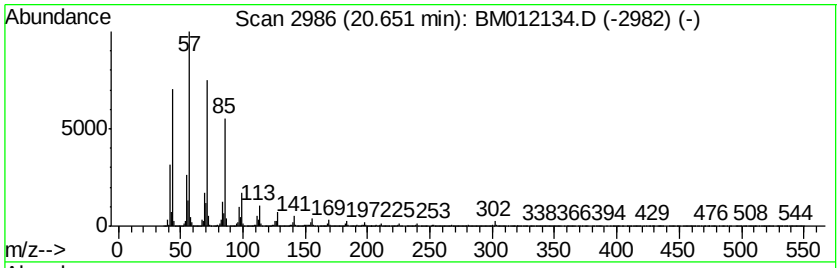
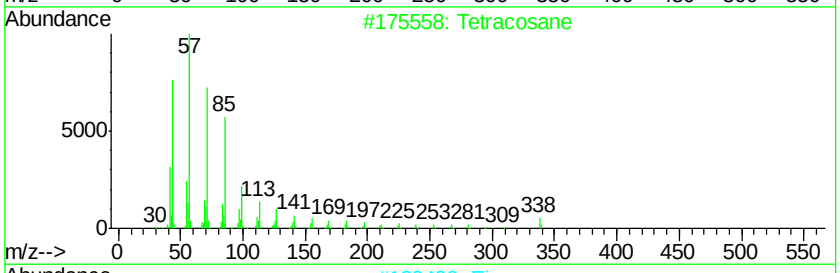
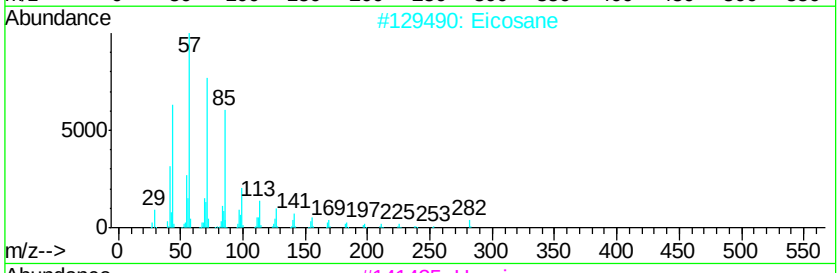
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

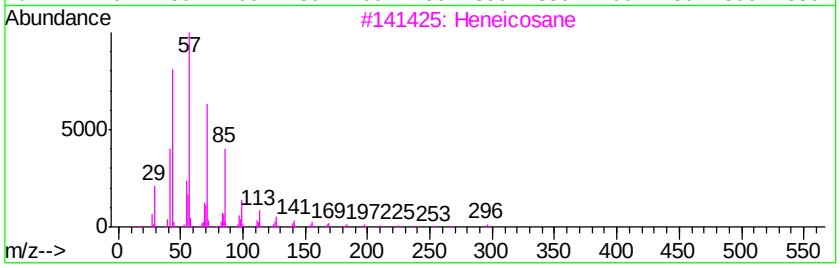
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	36.43 ng/ul	11615300	Chrysene-d12	21.43

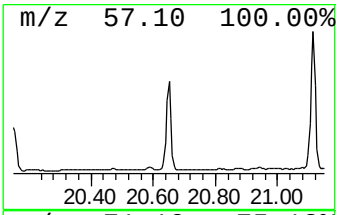
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Eicosane	282	C20H42	000112-95-8	98
3	Heneicosane	296	C21H44	000629-94-7	97
4	Tetracosane	338	C24H50	000646-31-1	97
5	Tetratriacontane	479	C34H70	014167-59-0	95

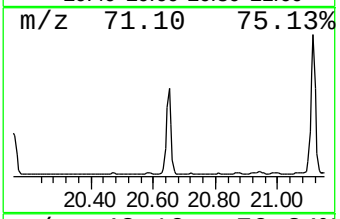


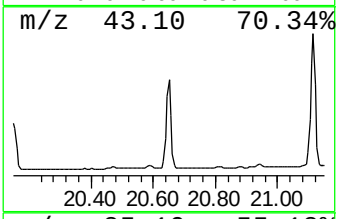


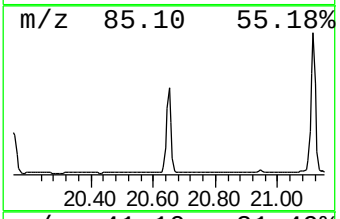


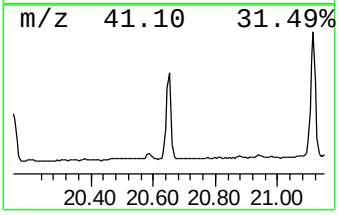












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Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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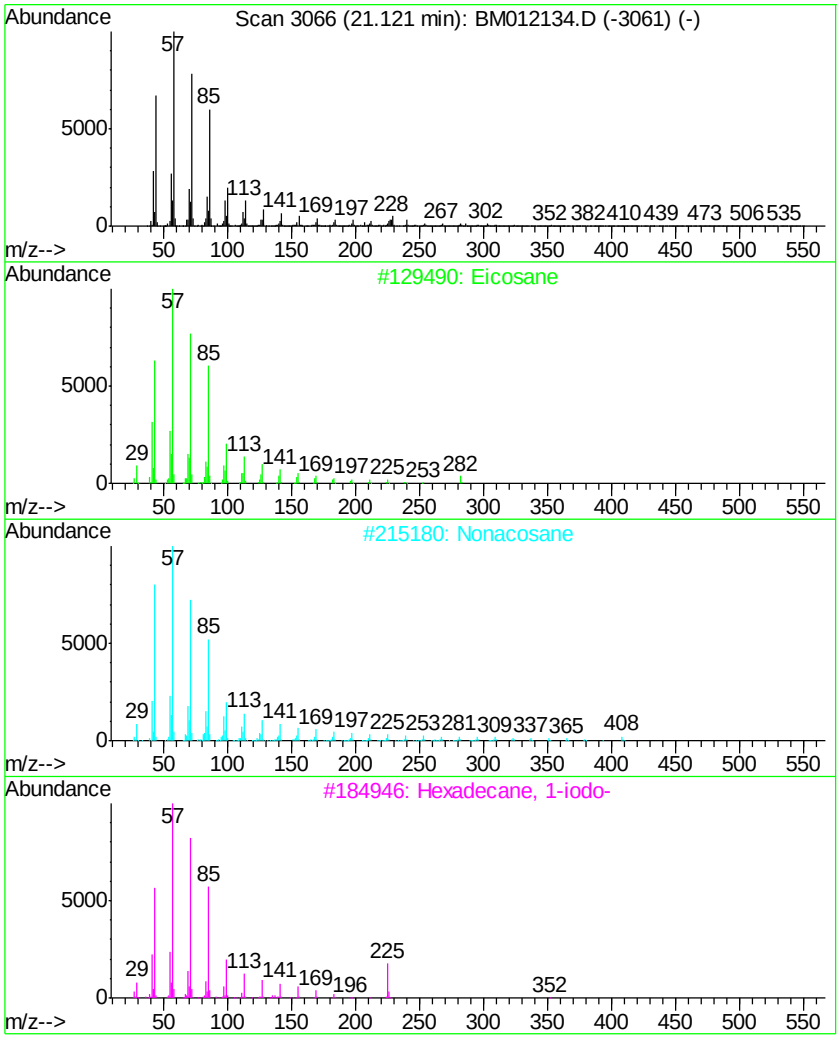
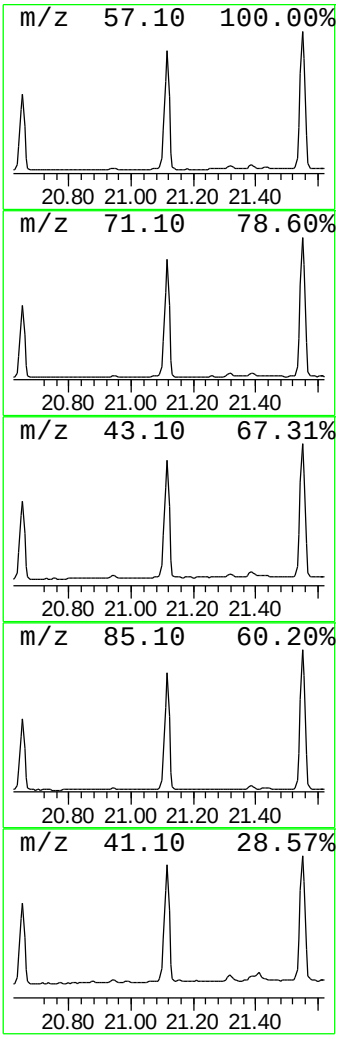
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	62.02 ng/ul	19772300	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonacosane	408	C29H60	000630-03-5	97
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
4	Tetratriacontane	479	C34H70	014167-59-0	95
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95





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Quant Title : SVOA CALIBRATION

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

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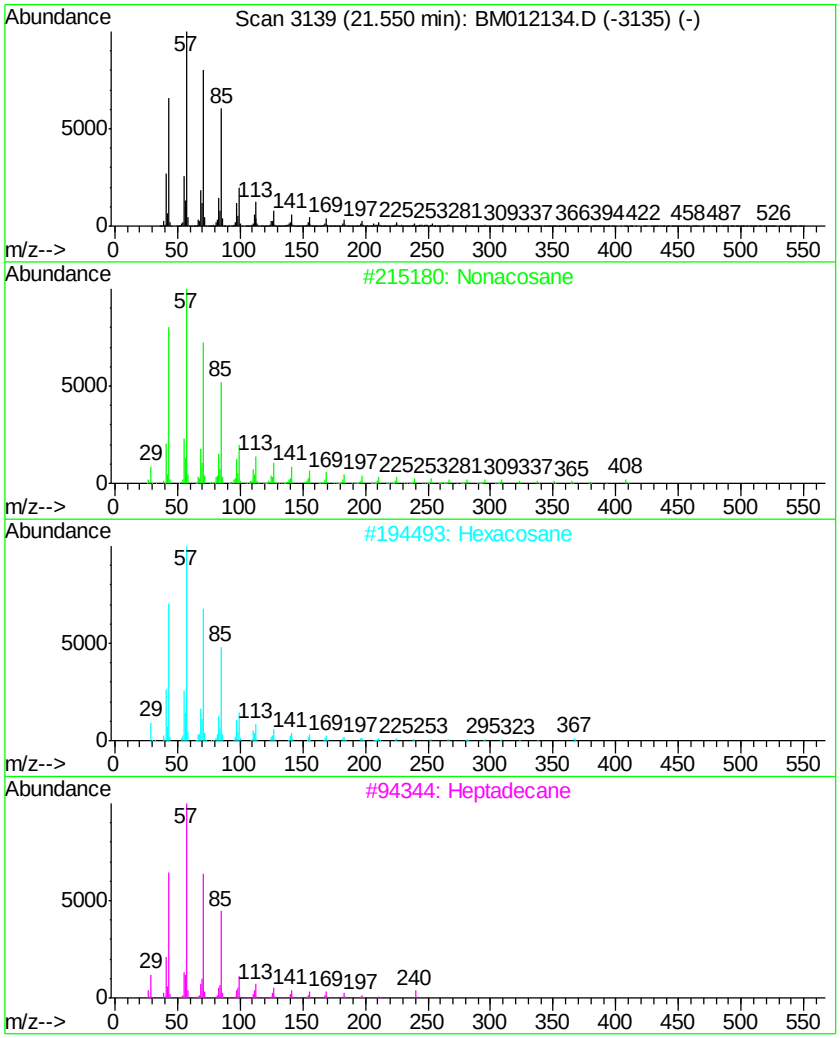
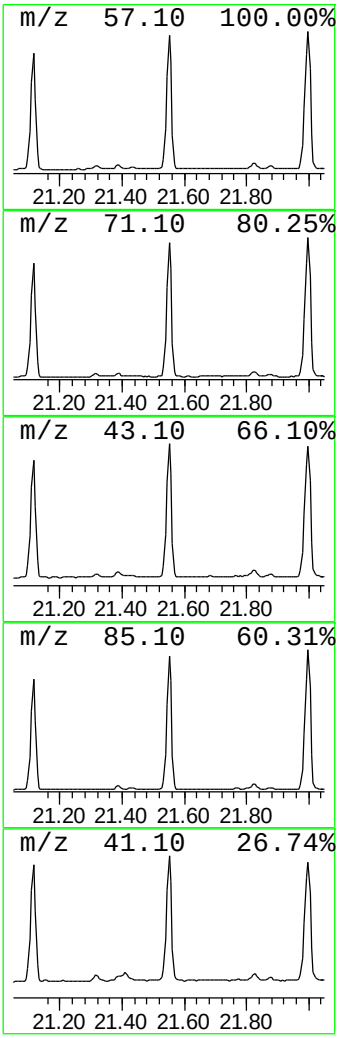
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	72.11 ng/ul	22990700	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	98
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	93





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

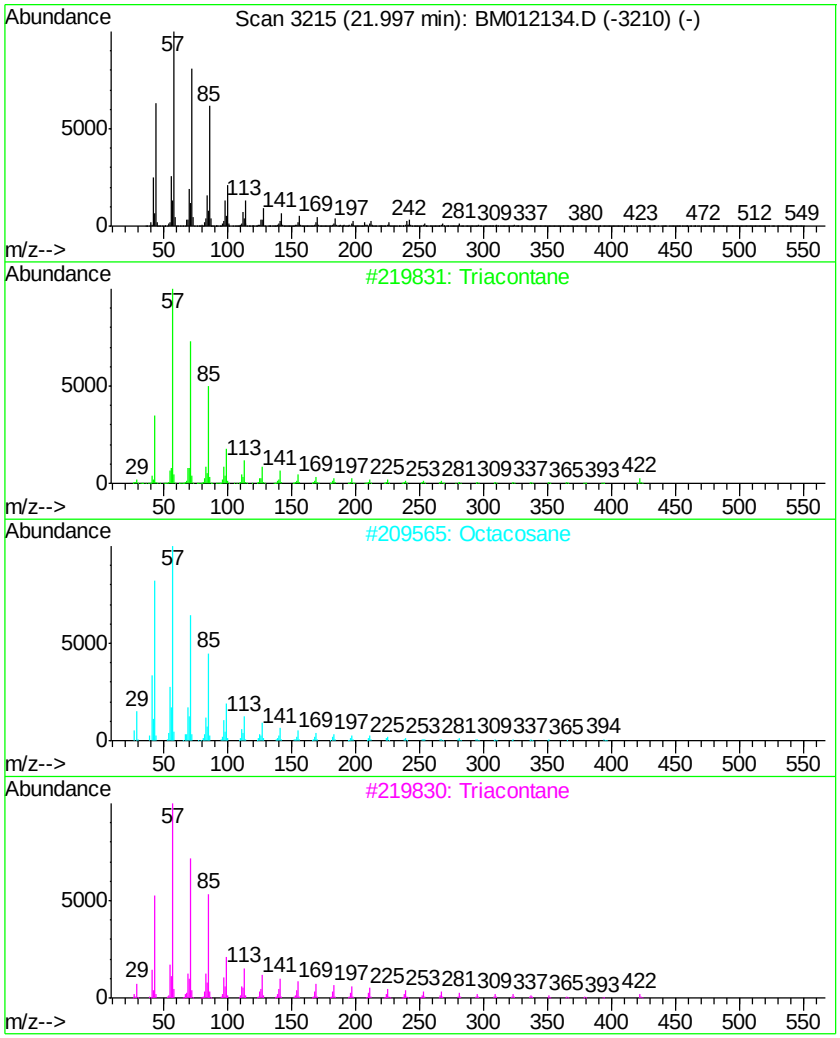
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

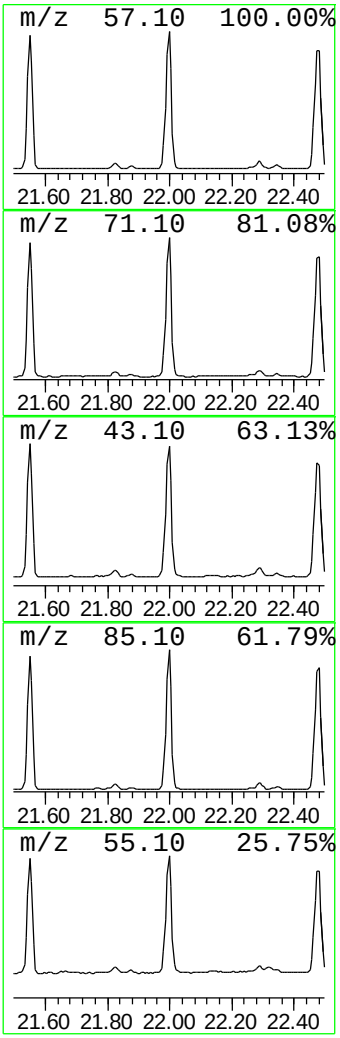
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	87.93 ng/ul	28032600	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	98
2	Octacosane	394	C28H58	000630-02-4	98
3	Triacontane	422	C30H62	000638-68-6	97
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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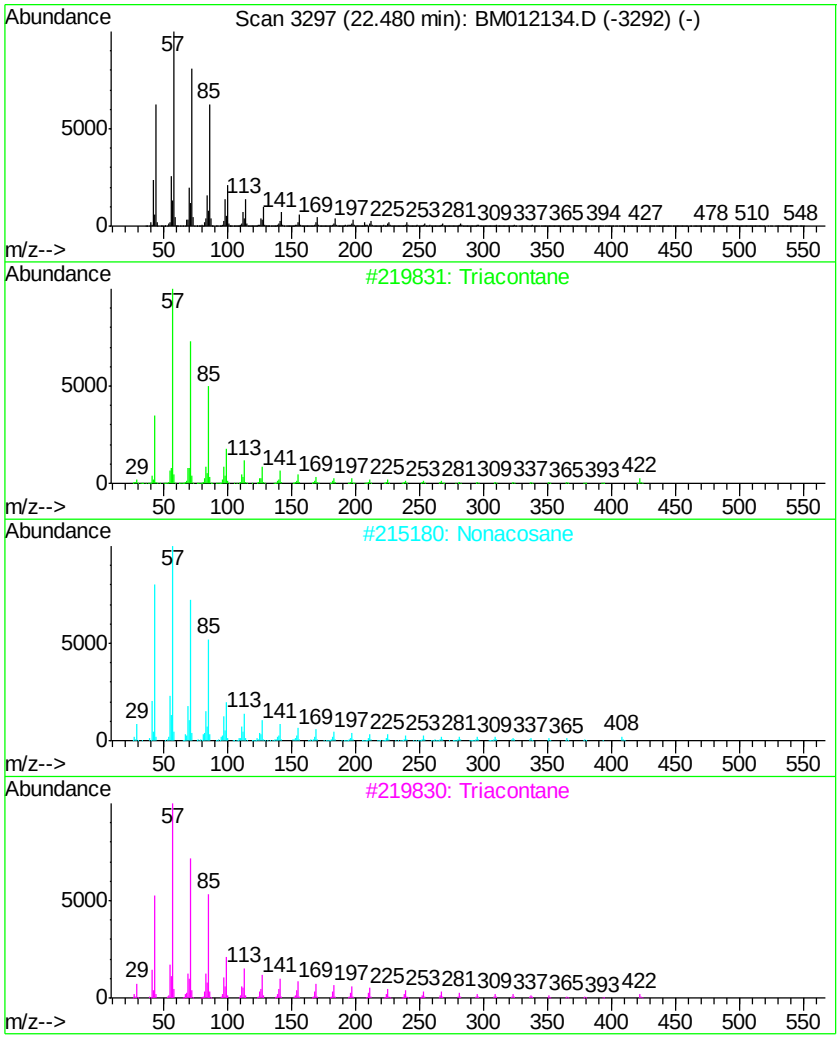
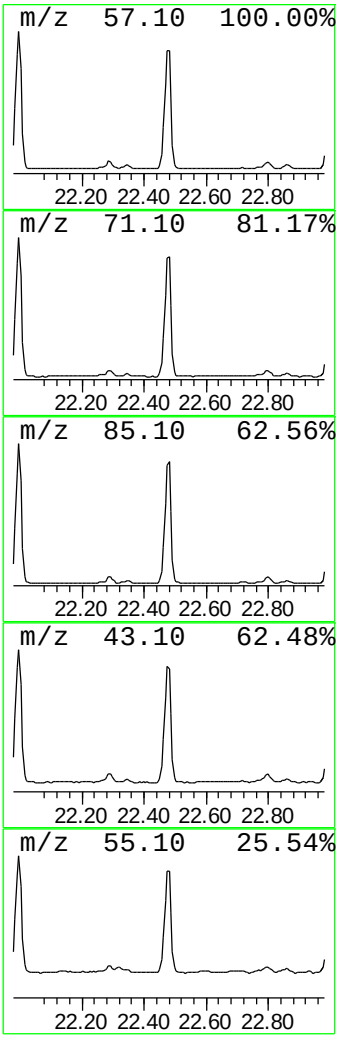
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	83.42 ng/ul	26596100	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	98
2	Nonacosane	408	C29H60	000630-03-5	97
3	Triacontane	422	C30H62	000638-68-6	97
4	Hentriacontane	437	C31H64	000630-04-6	96
5	Octadecane	254	C18H38	000593-45-3	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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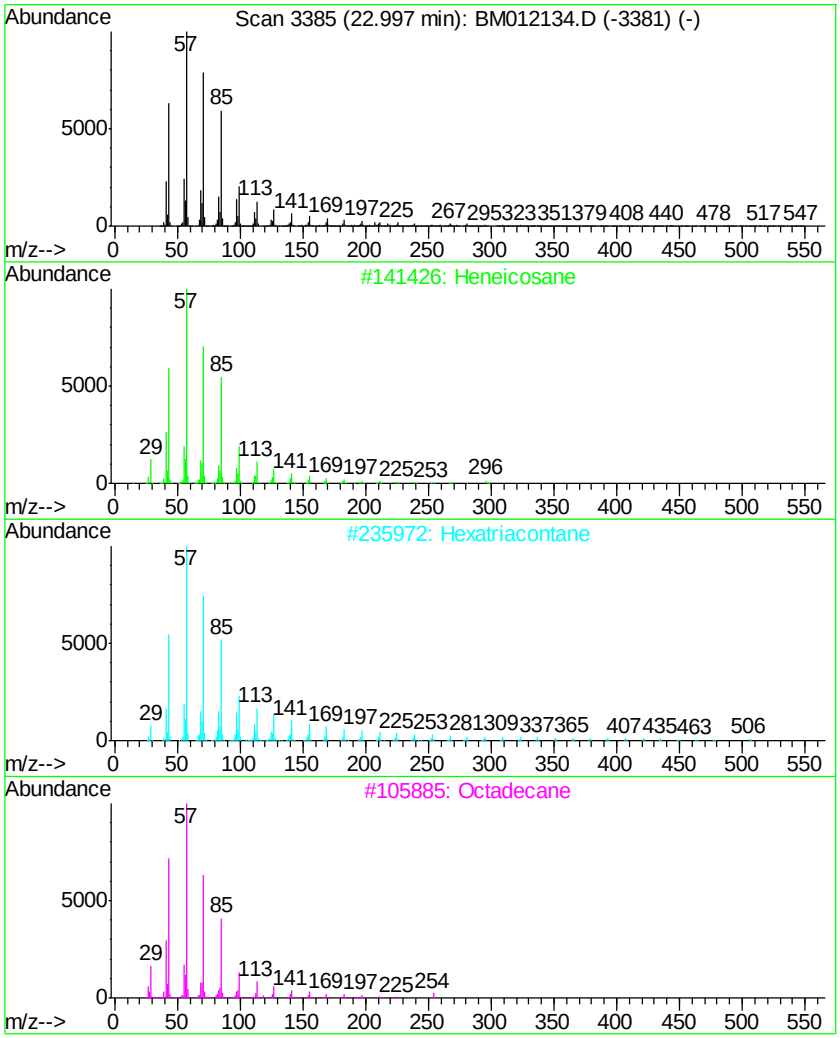
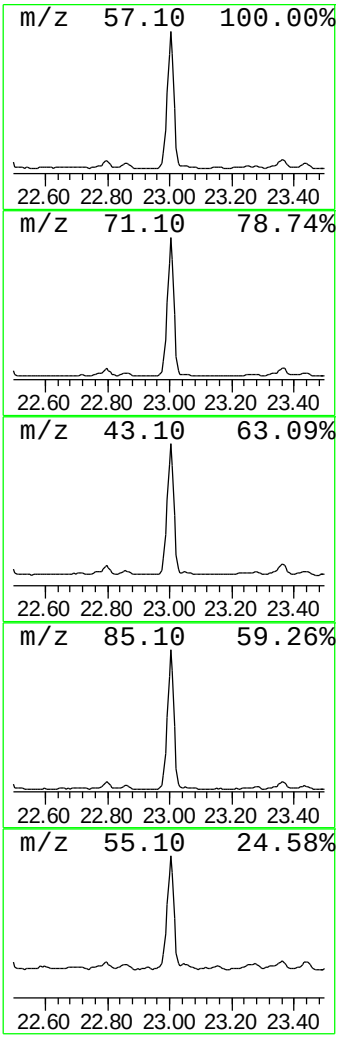
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	23.58 ng/ul	27956900	Perylene-d12	23.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexatriacontane	507	C36H74	000630-06-8	97
3	Octadecane	254	C18H38	000593-45-3	95
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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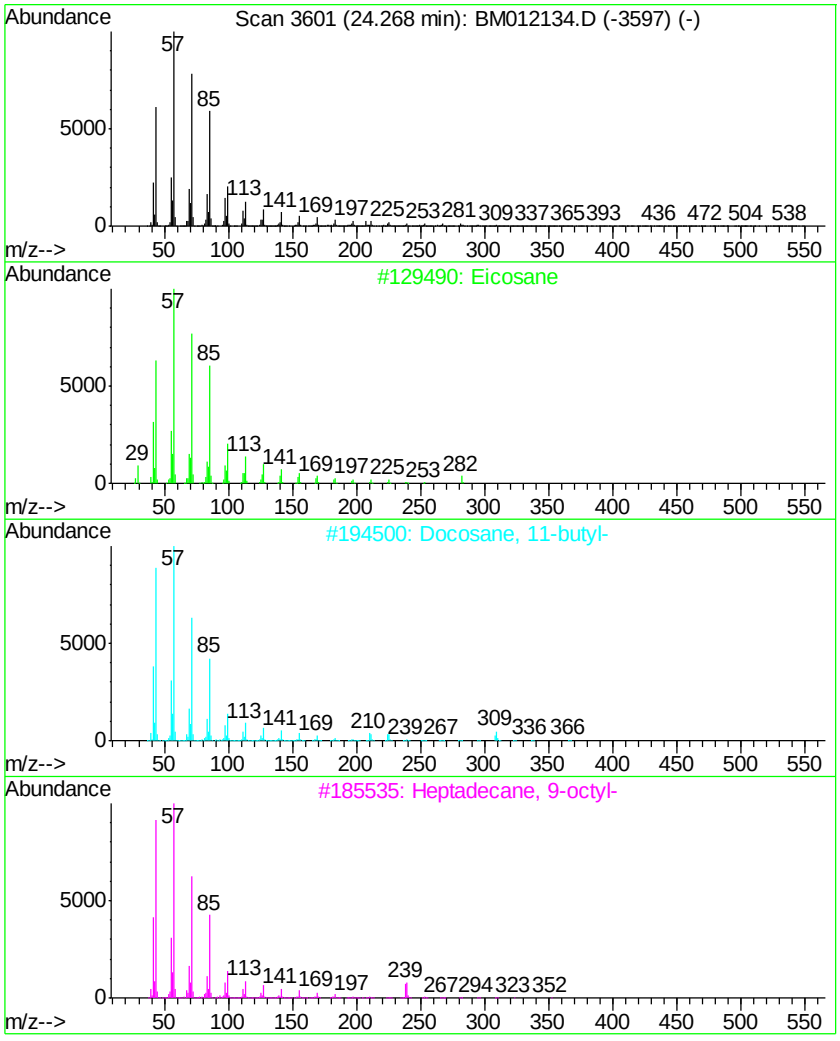
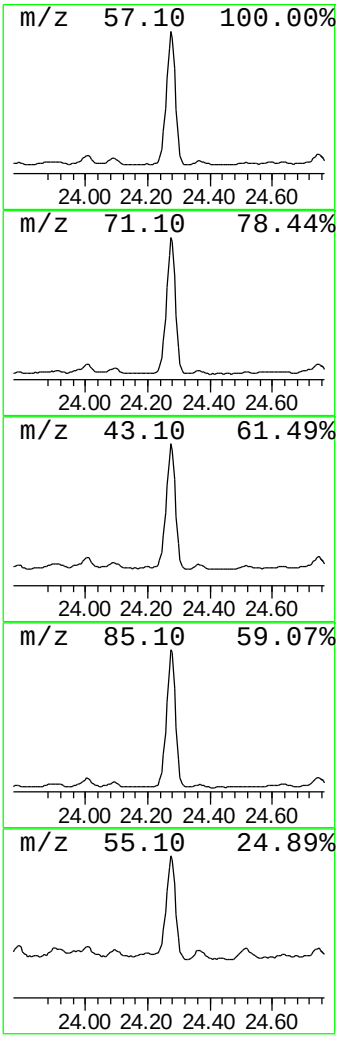
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	19.47 ng/ul	23081600	Perylene-d12	23.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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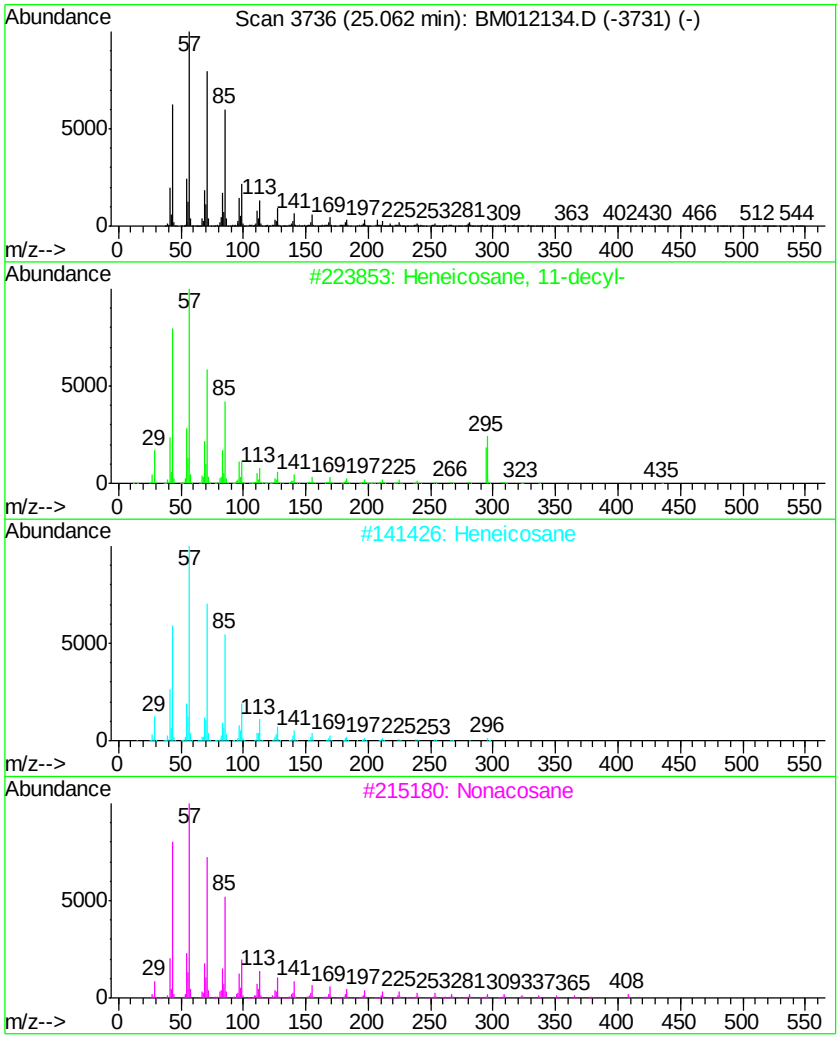
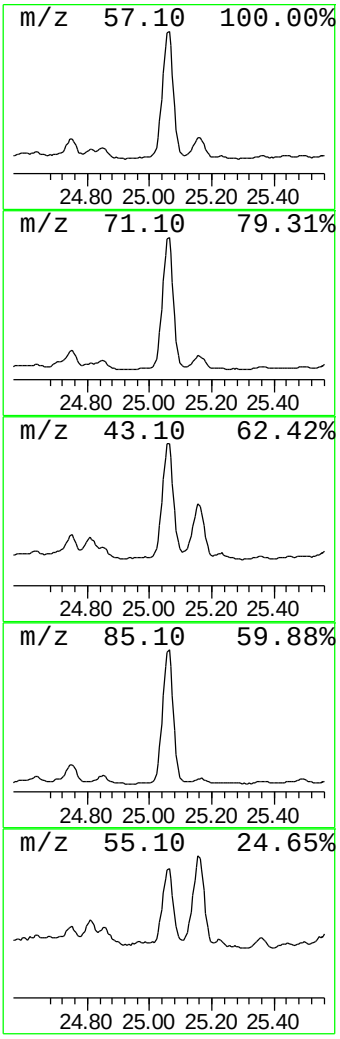
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.06	8.62 ng/ul	10218800	Perylene-d12	23.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	98
2	Heneicosane	296	C21H44	000629-94-7	96
3	Nonacosane	408	C29H60	000630-03-5	95
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
5	Triacontane	422	C30H62	000638-68-6	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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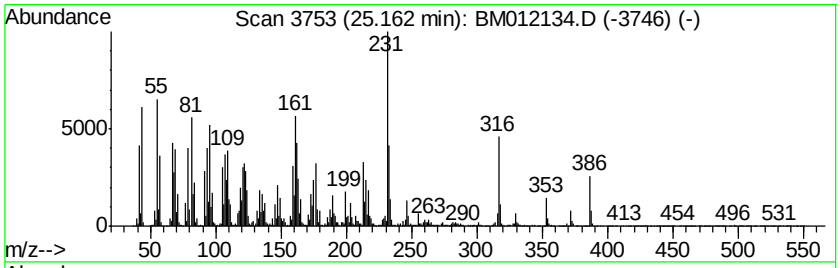
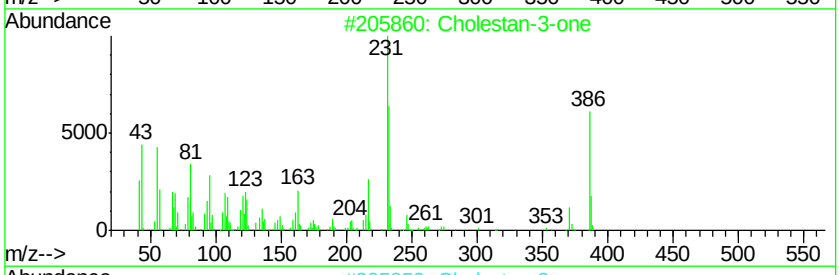
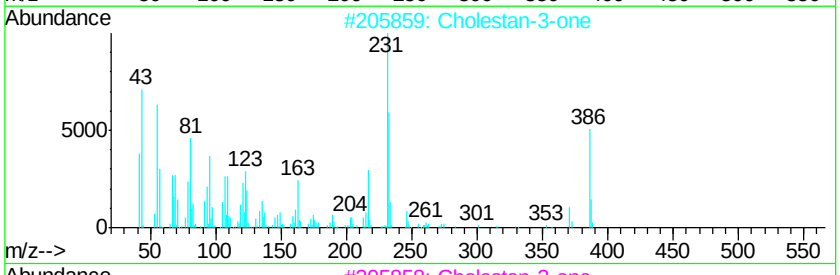
Peak Number 24 Cholestan-3-one Concentration Rank 10

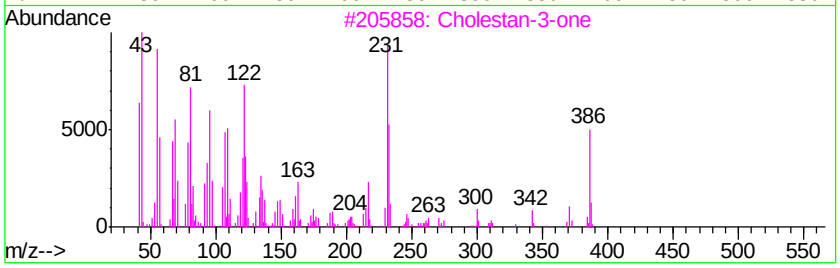
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.16	16.41 ng/ul	19456000	Perylene-d12	23.78

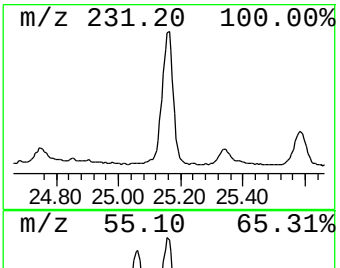
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	95
2	Cholestan-3-one	386	C27H46O	015600-08-5	95
3	Cholestan-3-one	386	C27H46O	015600-08-5	91
4	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	84
5	Cholestan-2-one	386	C27H46O	1000210-43-4	64

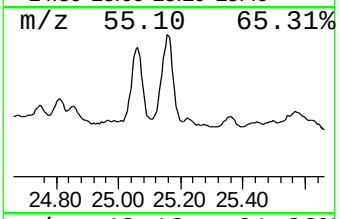


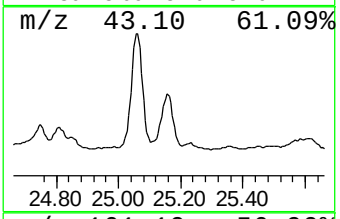


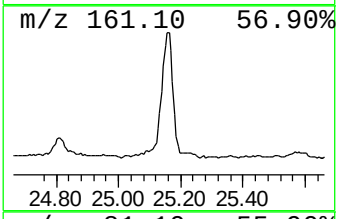


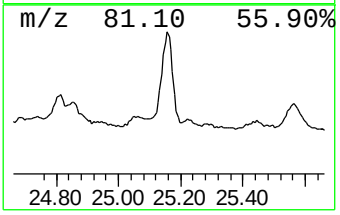












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[2.2.1]hep...	10.06	9.4	ng/ul	839790	2	10.65	1782650	20.0
Naphthalene, 1,6-...	16.20	3.6	ng/ul	528168	4	17.25	2953490	20.0
(DEL) Alkane: Str...	16.97	2.1	ng/ul	313100	4	17.25	2953490	20.0
(DEL) Alkane: Str...	17.72	2.4	ng/ul	355193	4	17.25	2953490	20.0
unknown-01	17.84	3.7	ng/ul	545717	4	17.25	2953490	20.0
n-Hexadecanoic acid	18.13	20.1	ng/ul	2968660	4	17.25	2953490	20.0
4H-Cyclopenta[def...	18.32	7.3	ng/ul	1074000	4	17.25	2953490	20.0
(DEL) Alkane: Str...	18.41	4.1	ng/ul	609644	4	17.25	2953490	20.0
4b,8-Dimethyl-2-i...	18.85	8.9	ng/ul	1310590	4	17.25	2953490	20.0
(DEL) Alkane: Str...	19.04	10.3	ng/ul	1514940	4	17.25	2953490	20.0
Octadecanoic acid	19.40	7.6	ng/ul	2429120	5	21.43	6376490	20.0
Hexadecanoic acid...	19.54	2.3	ng/ul	741383	5	21.43	6376490	20.0
Butyl citrate	19.84	7.9	ng/ul	2532510	5	21.43	6376490	20.0
Retene	20.08	4.4	ng/ul	1409300	5	21.43	6376490	20.0
(DEL) Alkane: Str...	20.15	22.0	ng/ul	7018350	5	21.43	6376490	20.0
(DEL) Alkane: Str...	20.65	36.4	ng/ul	11615300	5	21.43	6376490	20.0
(DEL) Alkane: Str...	21.12	62.0	ng/ul	19772300	5	21.43	6376490	20.0
(DEL) Alkane: Str...	21.55	72.1	ng/ul	22990700	5	21.43	6376490	20.0
(DEL) Alkane: Str...	22.00	87.9	ng/ul	28032600	5	21.43	6376490	20.0
(DEL) Alkane: Str...	22.48	83.4	ng/ul	26596100	5	21.43	6376490	20.0
(DEL) Alkane: Str...	23.00	23.6	ng/ul	27956900	6	23.78	23715700	20.0
(DEL) Alkane: Str...	24.27	19.5	ng/ul	23081600	6	23.78	23715700	20.0
(DEL) Alkane: Str...	25.06	8.6	ng/ul	10218800	6	23.78	23715700	20.0
Cholestan-3-one	25.16	16.4	ng/ul	19456000	6	23.78	23715700	20.0