LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

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-BM052717.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	7.075	672	678	688	rBV	729297	1237432	6.98%	0.695%
2	7.234	698	705	711	rBV	488967	749899	4.23%	0.421%
3	7.428	730	738	747	rBV	848210	1355898	7.65%	0.761%
4	7.893	809	817	827	rVB	1068830	1680629	9.48%	0.943%
5	8.610	932	939	950	rBV	860707	1411392	7.96%	0.792%
6	9.075	1010	1018	1025	rBV	707823	1234165	6.96%	0.693%
7	9.787	1133	1139	1146	rBV	737995	1204043	6.79%	0.676%
8	10.316	1223	1229	1242	rBV	1173861	1959330	11.05%	1.100%
9	10.692	1286	1293	1300	rBV	1294705	2188772	12.34%	1.228%
10	10.857	1314	1321	1334	rBV	769075	1384372	7.81%	0.777%
11	13.357	1741	1746	1753	rBV2	186556	289895	1.63%	0.163%
12	13.945	1839	1846	1850	rBV	2219094	3048168	17.19%	1.711%
13	13.992	1850	1854	1861	rVB	1142361	1576092	8.89%	0.885%
14	14.227	1886	1894	1906	rBV	2220722	3667258	20.68%	2.058%
15	14.351	1911	1915	1919	rVB4	161216	228574	1.29%	0.128%
16	14.527	1939	1945	1953	rVB3	1904030	2986781	16.84%	1.676%
17	14.769	1974	1986	1999	rBV	644848	1247714	7.04%	0.700%
18	15.521	2107	2114	2120	rBV	3054971	4186935	23.61%	2.350%
19	15.651	2130	2136	2141	rBV	898891	1161356	6.55%	0.652%
20	15.751	2148	2153	2162	rBV5	229043	348712	1.97%	0.196%
21	15.910	2174	2180	2189	rVB	2834748	3625213	20.45%	2.035%
22	17.280	2407	2413	2417	rBV	2637162	3968593	22.38%	2.227%
23	17.315	2417	2419	2424	rVV	298235	388922	2.19%	0.218%
24	17.374	2424	2429	2433	rVV2	3545303	4950924	27.92%	2.779%
25	17.410	2433	2435	2442	rVB	610347	745706	4.21%	0.419%
26	17.698	2474	2484	2489	rBV	241554	480312	2.71%	0.270%
27	18.068	2543	2547	2552	rBV3	309839	430958	2.43%	0.242%
28	18.127	2552	2557	2564	rVV3	858069	1246643	7.03%	0.700%
29	18.274	2578	2582	2586	rVB2	137853	186554	1.05%	0.105%
30	18.345	2588	2594	2600	rBV3	175375	385071	2.17%	0.216%
31	18.698	2650	2654	2658	rBV4	147595	217181	1.22%	0.122%
32	19.051	2710	2714	2717	rBV2	153922	212564	1.20%	0.119%
33	19.127	2723	2727	2733	rVB7	298976	512313	2.89%	0.288%
34	19.209	2737	2741	2746	rBV	488852	649590	3.66%	0.365%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

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-BM052717.M
Title : SVOA CALIBRATION

35	19.286	2750	2754	2755	rBV4	157969	183380	1.03%	0.103%
36	19.327	2755	2761	2766	rVB	4223005	5412601	30.53%	3.038%
37	19.398	2769	2773	2776	rBV2	406374	520267	2.93%	0.292%
38	19.533	2792	2796	2799	rBV	465003	606375	3.42%	0.340%
39	19.668	2812	2819	2821	rBV	4753044	7404602	41.76%	4.156%
40	19.698	2821	2824	2829	rVV	5545408	6796681	38.33%	3.815%
41	19.751	2830	2833	2839	rVB3	342531	521371	2.94%	0.293%
42	19.868	2849	2853	2856	rBV	235901	270684	1.53%	0.152%
43	19.945	2863	2866	2870	rVB	400660	491672	2.77%	0.276%
44	20.003	2871	2876	2884	rVB4	753149	1696966	9.57%	0.952%
45	20.080	2886	2889	2894	rVV4	281103	431613	2.43%	0.242%
46	20.156	2894	2902	2909	rVB3	754595	2272421	12.82%	1.275%
47	20.339	2925	2933	2936	rBV2	940427	2017222	11.38%	1.132%
48	20.409	2942	2945	2949	rVB2	173634	211693	1.19%	0.119%
49	20.480	2952	2957	2960	rBV	873514	1338428	7.55%	0.751%
50	20.521	2962	2964	2970	rVB3	602419	830976	4.69%	0.466%
51	20.609	2975	2979	2985	rVV7	403802	609822	3.44%	0.342%
52	20.815	3010	3014	3015	rBV4	301270	397949	2.24%	0.223%
53	20.927	3028	3033	3038	rBV	1407305	2278025	12.85%	1.279%
54	21.092	3057	3061	3065	rBV2	1001455	1643435	9.27%	0.922%
55	21.133	3065	3068	3071	rVV2	895840	1092967	6.16%	0.613%
56	21.168	3071	3074	3079	rVV2	1224112	1819366	10.26%	1.021%
57	21.227	3080	3084	3092	rVB2	918597	1420367	8.01%	0.797%
58	21.309	3095	3098	3106	rBV2	672527	1007529	5.68%	0.565%
59	21.445	3111	3121	3125	rBV2	6866361	16575105	93.48%	9.303%
60	21.486	3125	3128	3132	rVB	3870994	4820260	27.19%	2.705%
61	21.603	3144	3148	3153	rBV6	520061	1083152	6.11%	0.608%
62	21.756	3171	3174	3179	rBV3	485504	713393	4.02%	0.400%
63	21.809	3180	3183	3186	rVB2	365009	479473	2.70%	0.269%
64	21.945	3203	3206	3208	rBV2	441693	593259	3.35%	0.333%
65	22.003	3212	3216	3221	rVV	1542156	2353151	13.27%	1.321%
66	22.056	3222	3225	3231	rVB2	601540	952673	5.37%	0.535%
67	22.509	3299	3302	3308	rBV5	537931	883347	4.98%	0.496%
68	22.797	3346	3351	3363	rBV3	989828	2934707	16.55%	1.647%
69	22.939	3372	3375	3380	rVB3	565351	844298	4.76%	0.474%
70	23.074	3392	3398	3403	rBV	7821647	17731150	100.00%	9.952%
71	23.250	3423	3428	3433	rBV	1059338	1932851	10.90%	1.085%

LSC Area Percent Report

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Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

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-BM052717.M
Title : SVOA CALIBRATION

72	23.580	3478	3484	3489	rBV	3332776	6443668	36.34%	3.617%
73	23.639	3489	3494	3497	rVV2	3493803	6476180	36.52%	3.635%
74	23.680	3497	3501	3507	rVB	3996470	7080975	39.94%	3.974%
75	23.786	3513	3519	3524	rBV	2817047	5539782	31.24%	3.109%
76	23.839	3524	3528	3538	rVB2	1365741	2573005	14.51%	1.444%
77	24.180	3582	3586	3593	rVB4	664013	1236578	6.97%	0.694%
78	26.168	3915	3924	3931	rBV2	1607842	4497989	25.37%	2.525%

Sum of corrected areas: 178169369

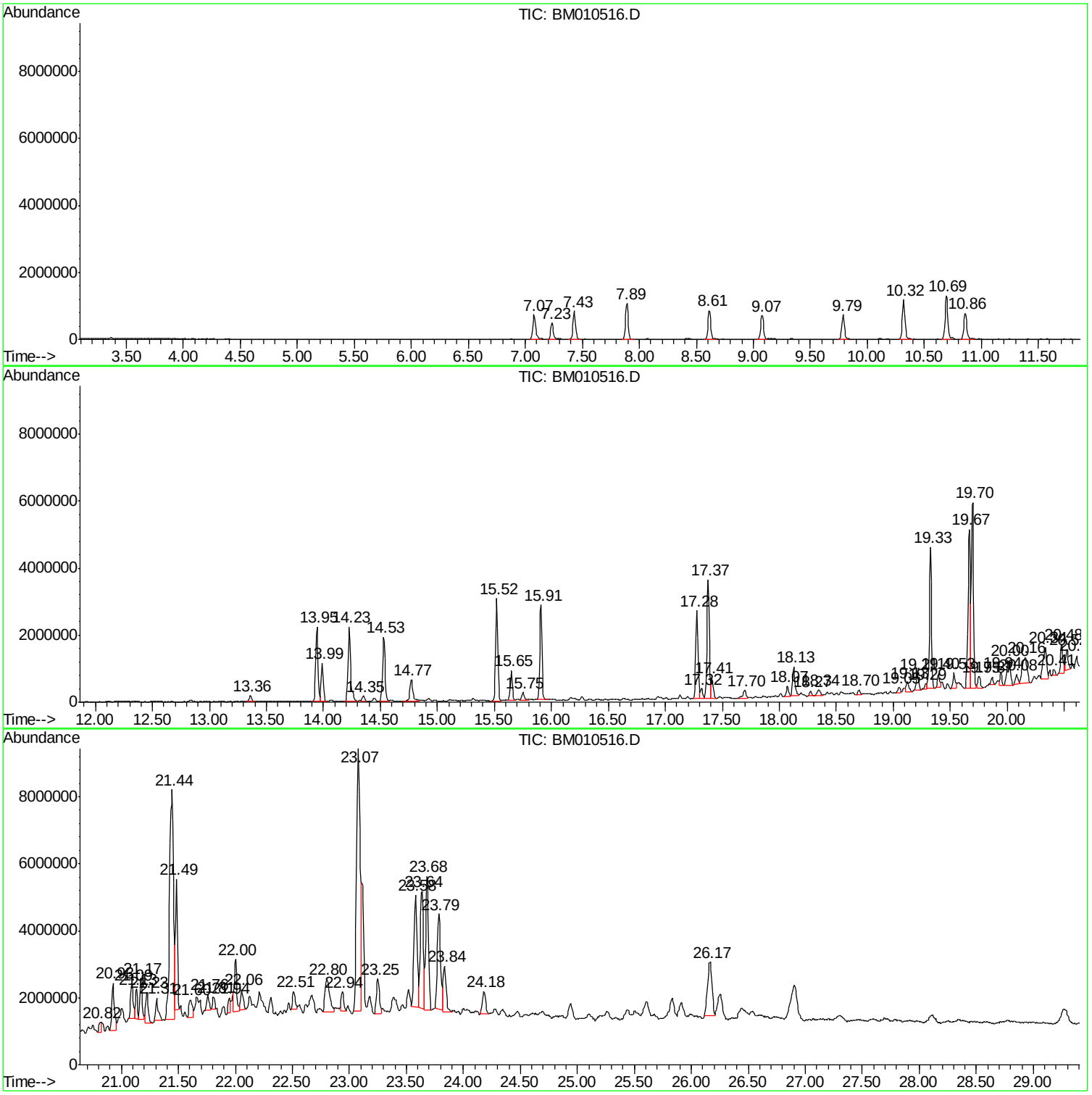
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

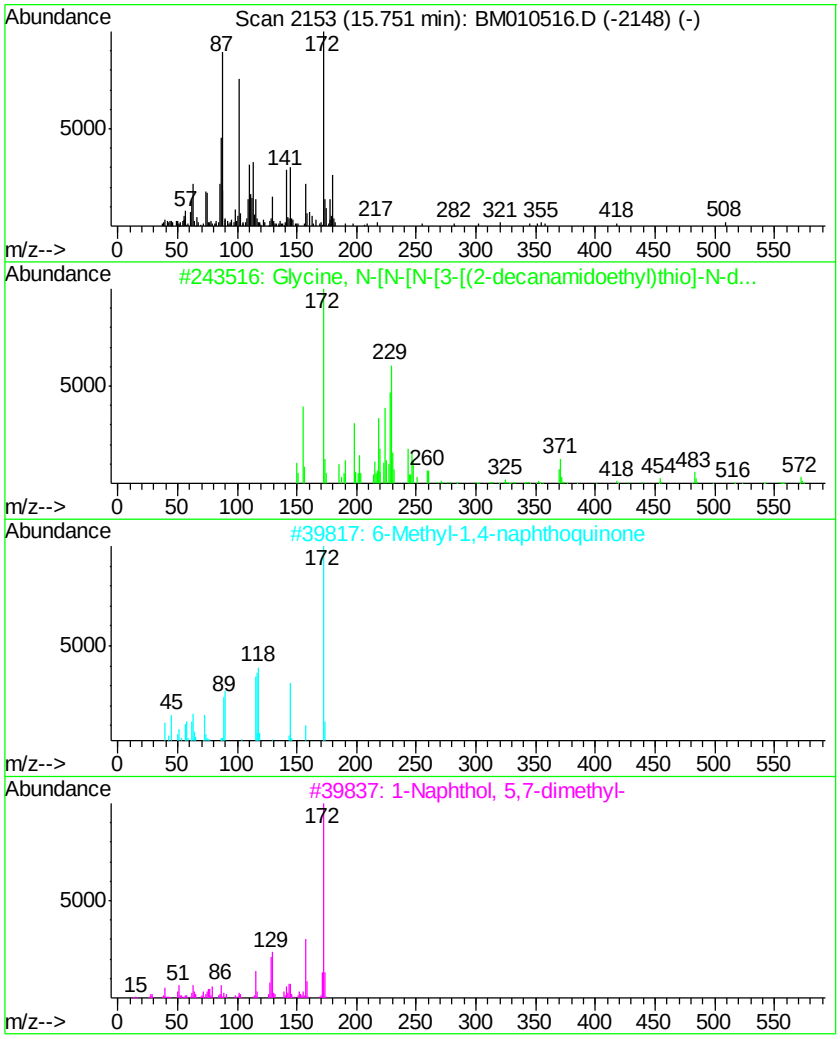
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

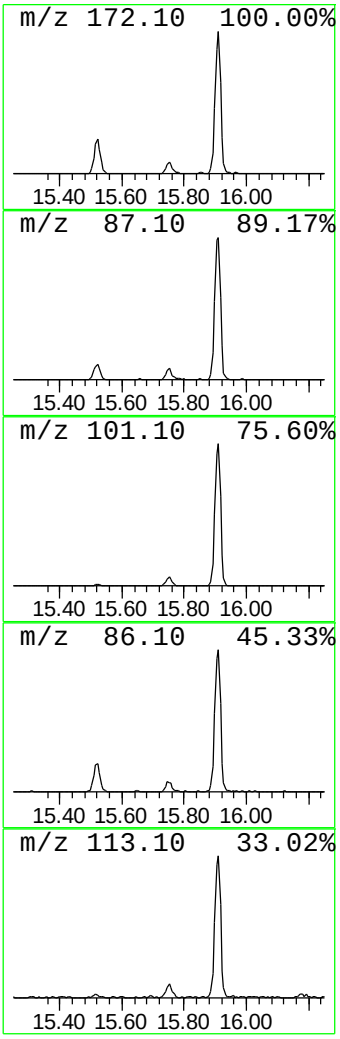
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Glycine, N-[N-[N-[3-[(2-dec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.34 ng/ul	348712	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, N-[N-[N-[3-[(2-decanami...	804	C43H73N5O7S	019729-26-1	50
2	6-Methyl-1,4-naphthoquinone	172	C11H8O2	000605-93-6	25
3	1-Naphthol, 5,7-dimethyl-	172	C12H12O	031706-76-0	15
4	5-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	069491-51-6	14
5	3-Bromo-4,4-dimethoxy-2-pentyl-c...	308	C13H25BrO3	1000190-55-8	10





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

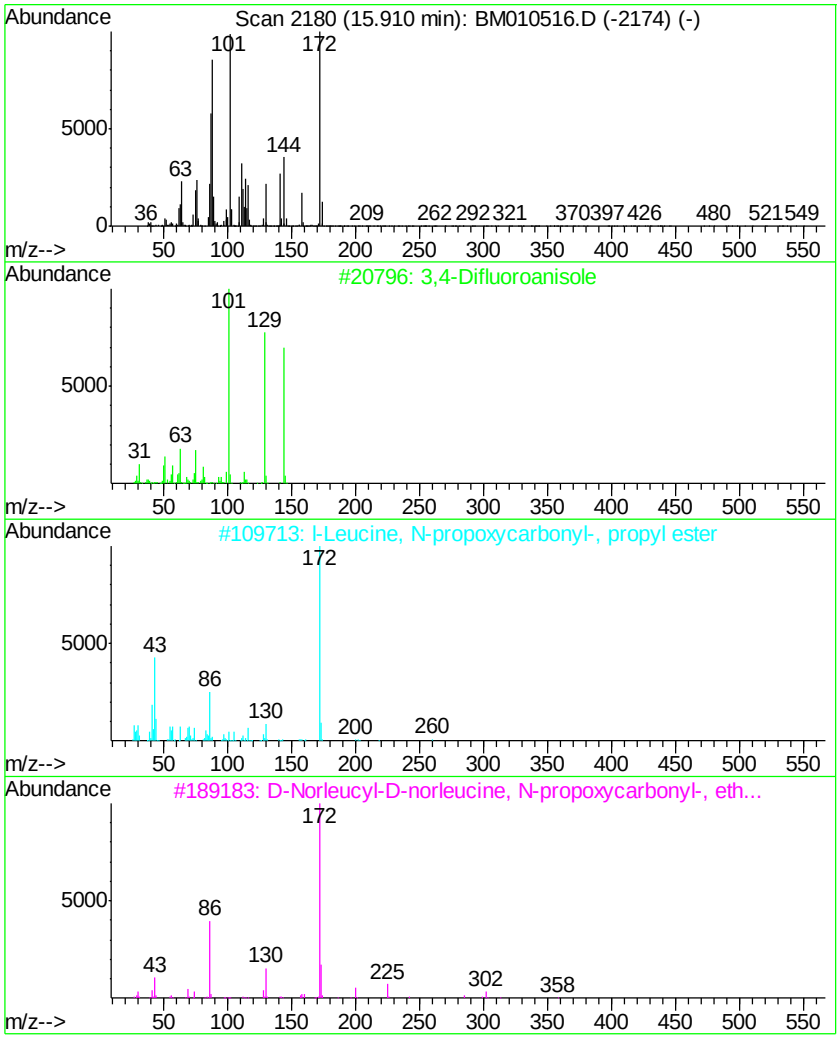
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

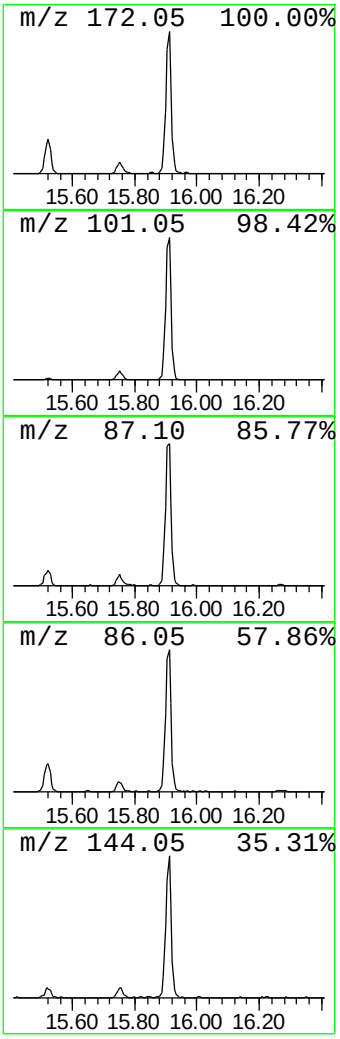
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	18.27 ng/ul	3625210	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Difluoroanisole	144	C7H6F2O	115144-40-6	22
2	l-Leucine, N-propoxycarbonyl-, p...	259	C13H25NO4	1000313-86-4	14
3	D-Norleucyl-D-norleucine, N-prop...	358	C18H34N2O5	1000338-43-9	14
4	Succinic acid, ethyl 2-ethylbuty...	230	C12H22O4	1000349-19-6	10
5	l-Leucine, N-ethoxycarbonyl-N-me...	329	C18H35NO4	1000321-92-4	10





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

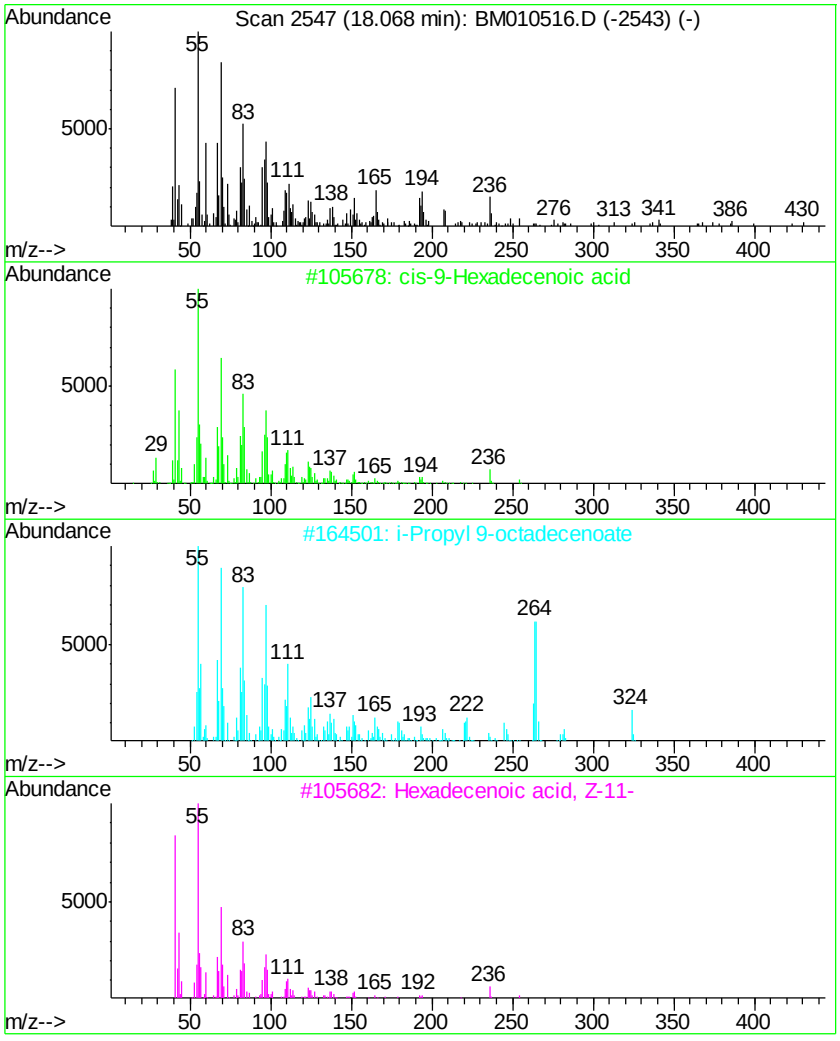
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

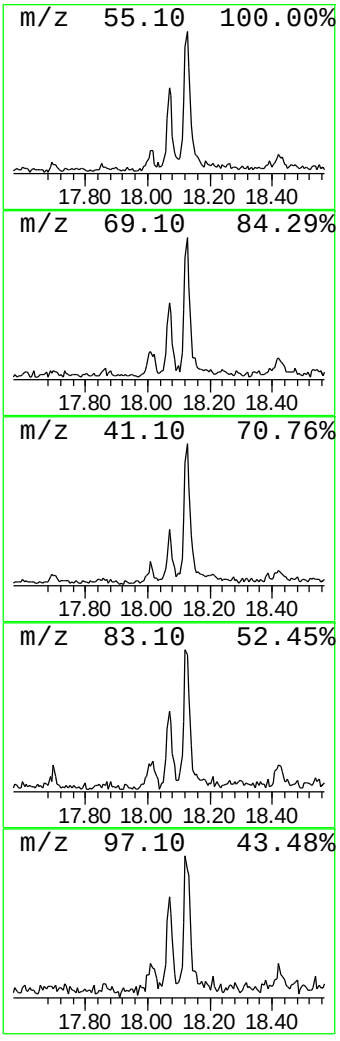
****

Peak Number 3 cis-9-Hexadecenoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.17 ng/ul	430958	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	95
2	i-Propyl 9-octadecenoate	324	C21H40O2	1000336-67-1	91
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	84
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

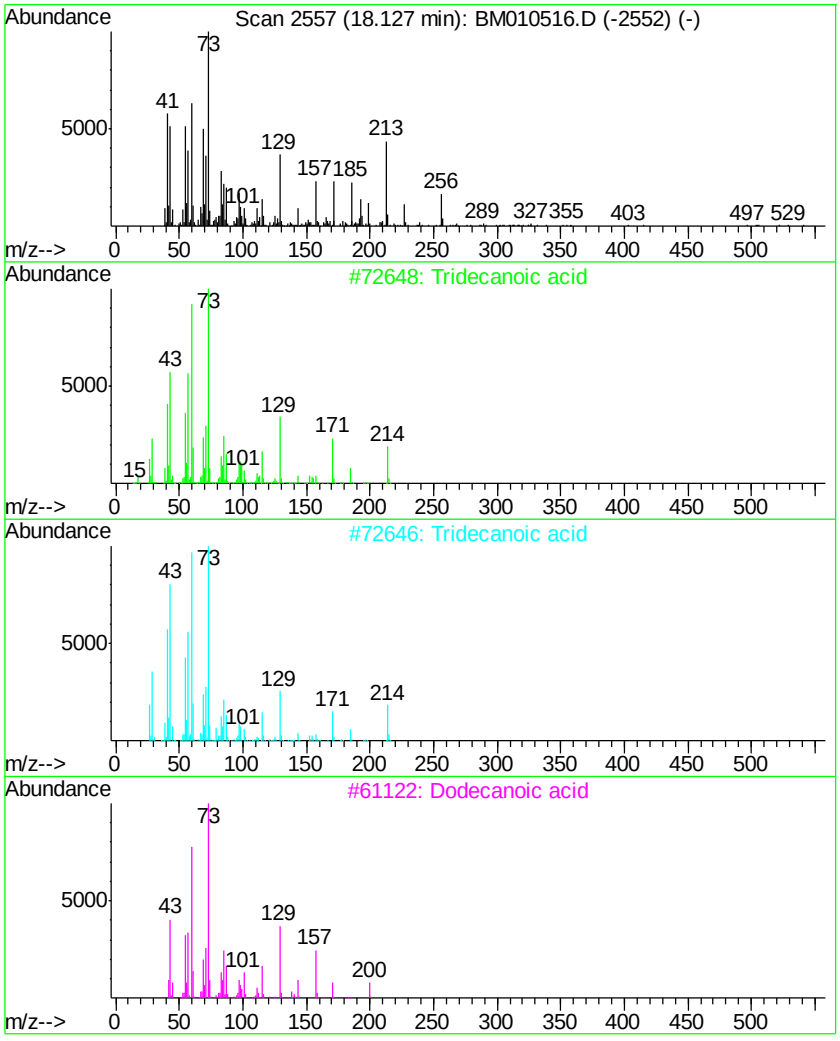
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

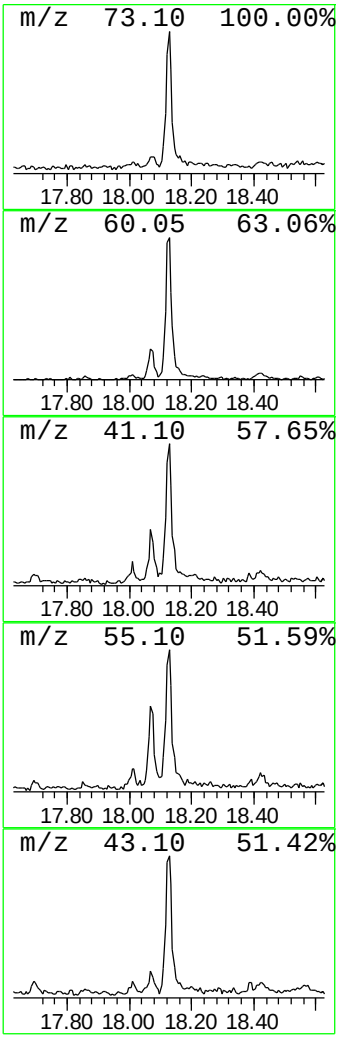
****

Peak Number 4 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	6.28 ng/ul	1246640	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	60
2	Tridecanoic acid	214	C13H26O2	000638-53-9	55
3	Dodecanoic acid	200	C12H24O2	000143-07-7	49
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

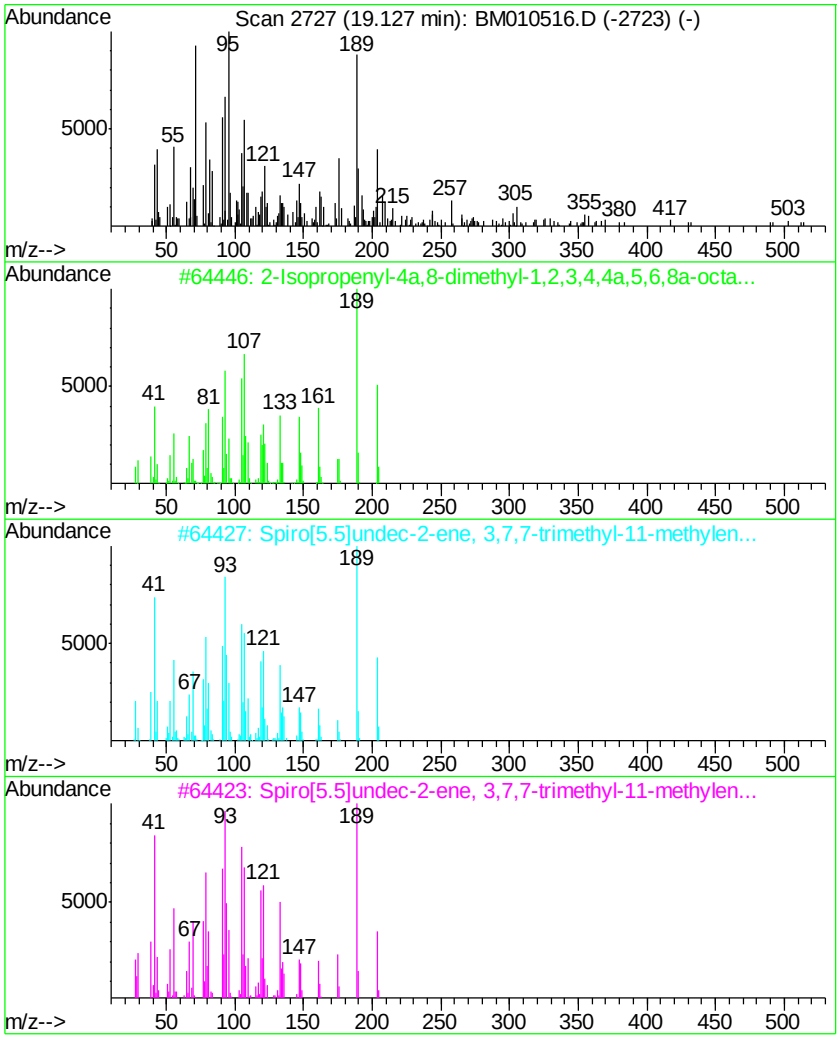
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

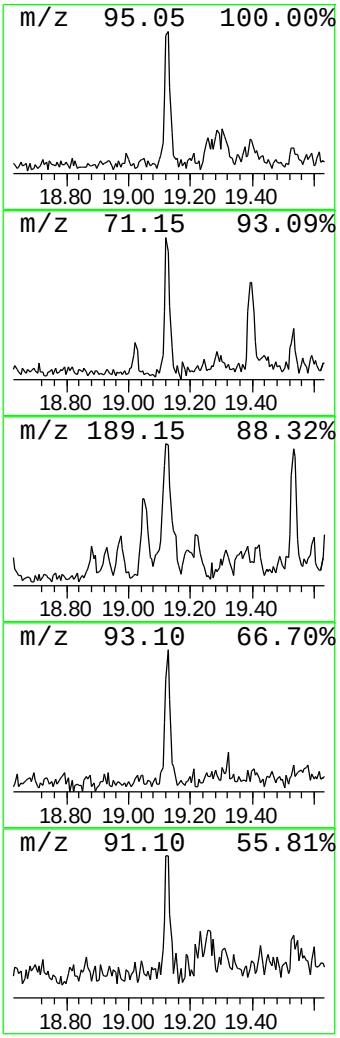
****

Peak Number 5 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.58 ng/ul	512313	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	81
2	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	50
3	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	45
4	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	45
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	38





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Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

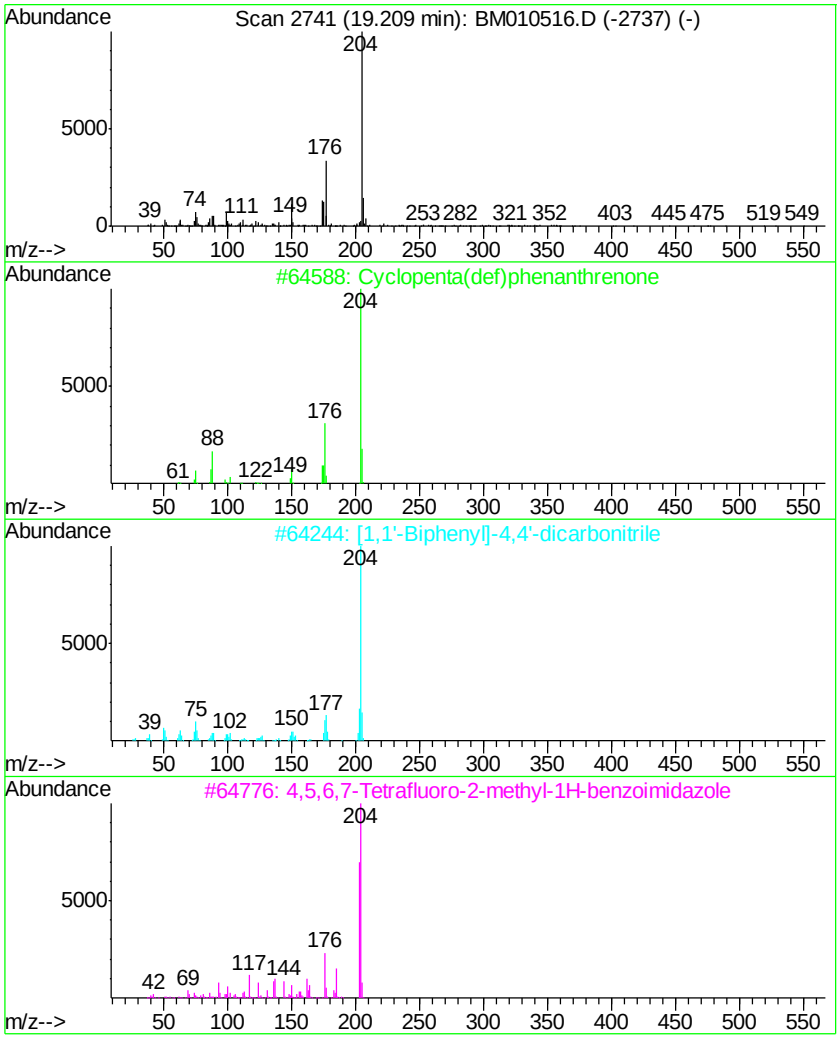
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

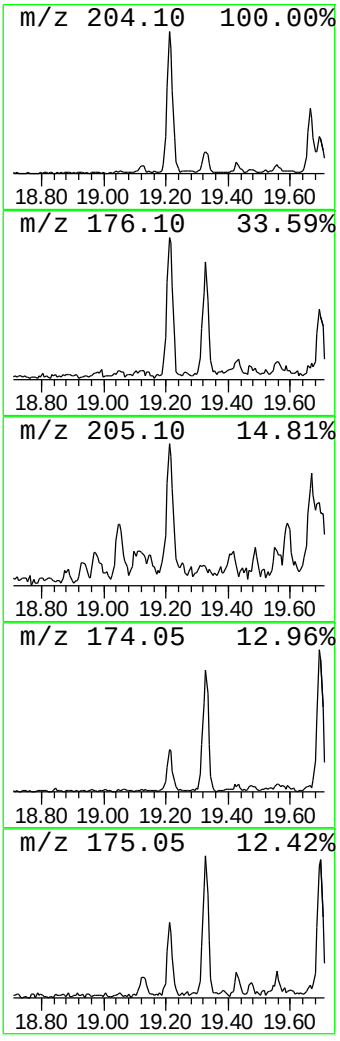
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	3.27 ng/ul	649590	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	64
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

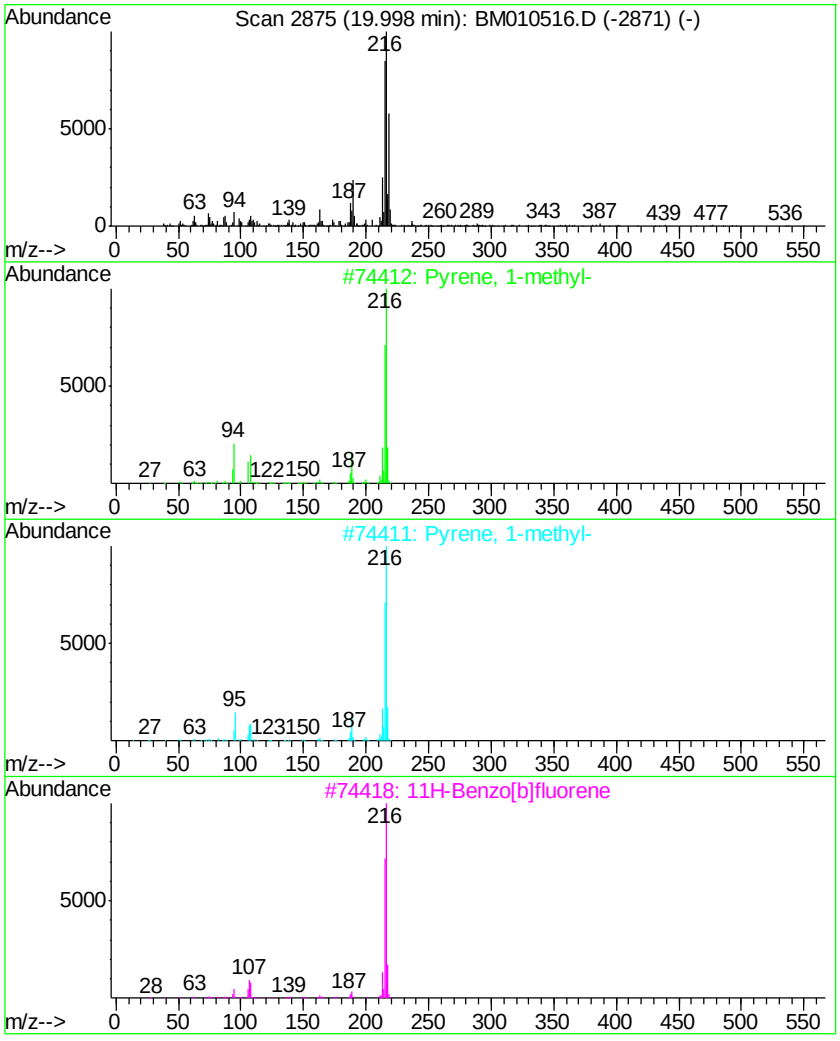
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

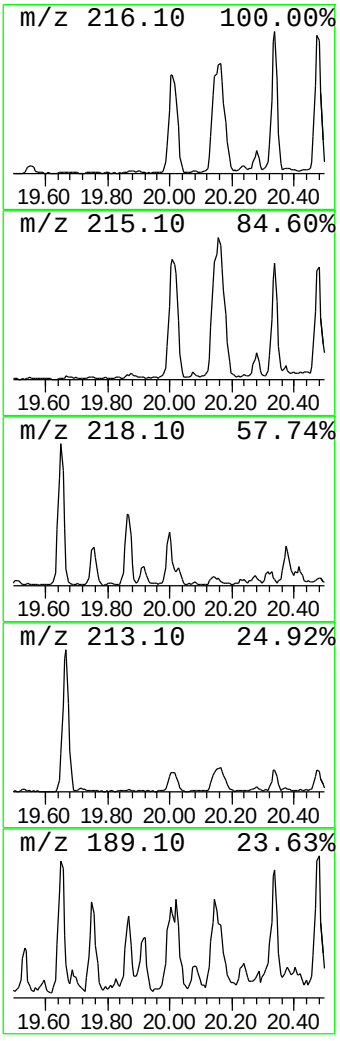
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.05 ng/ul	1696970	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

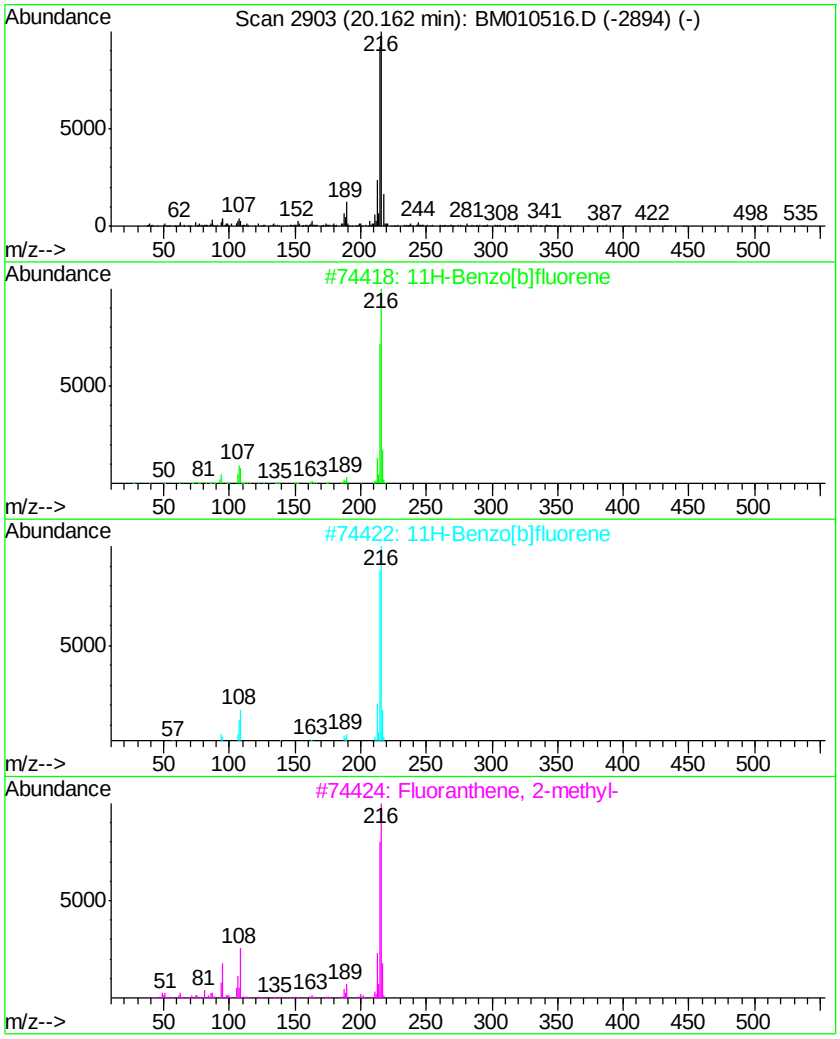
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

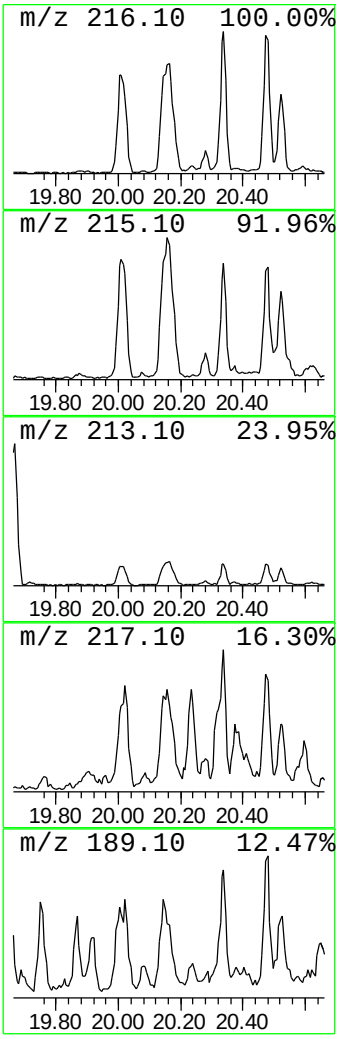
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.74 ng/ul	2272420	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86





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Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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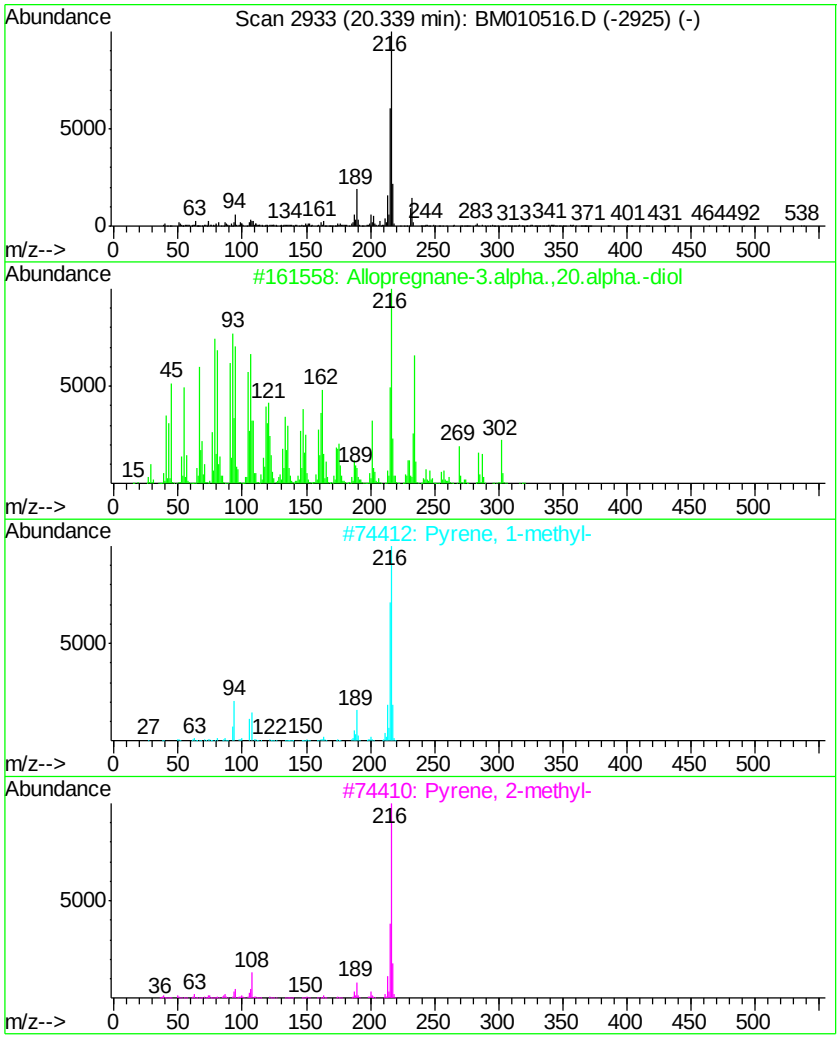
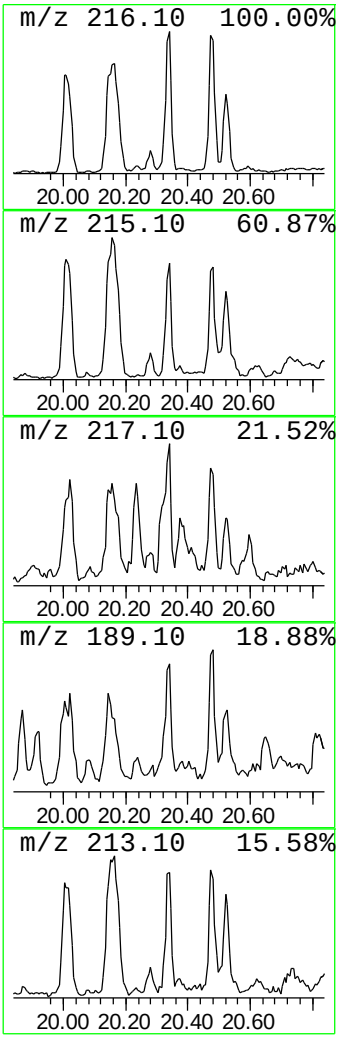
Peak Number 9 Allopregnane-3.alpha.,20.al... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.43 ng/ul	2017220	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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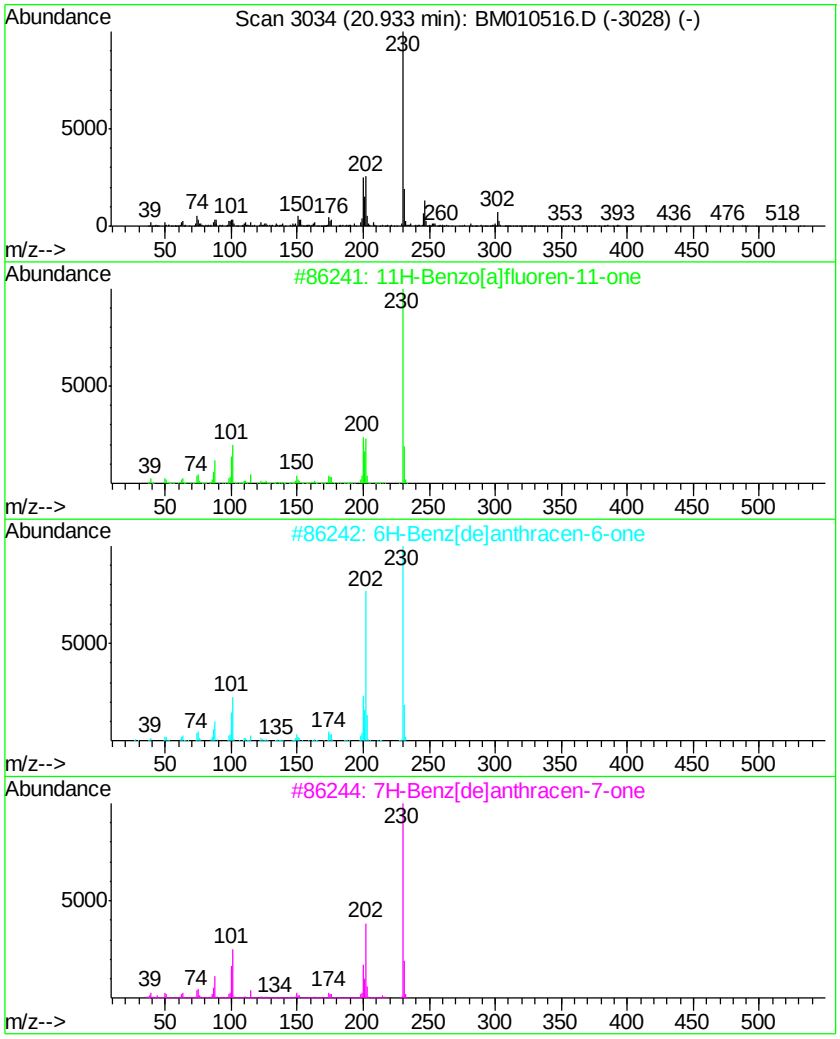
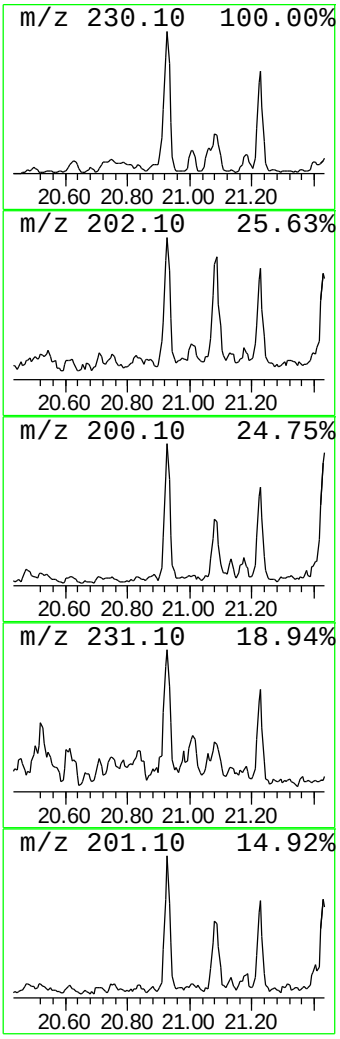
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.75 ng/ul	2278030	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	70
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
4	Benzo(b)phenazine	230	C16H10N2	000257-97-6	47
5	2-Hexanone, phenyl(2-propenyl)hy...	230	C15H22N2	110213-03-1	46





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Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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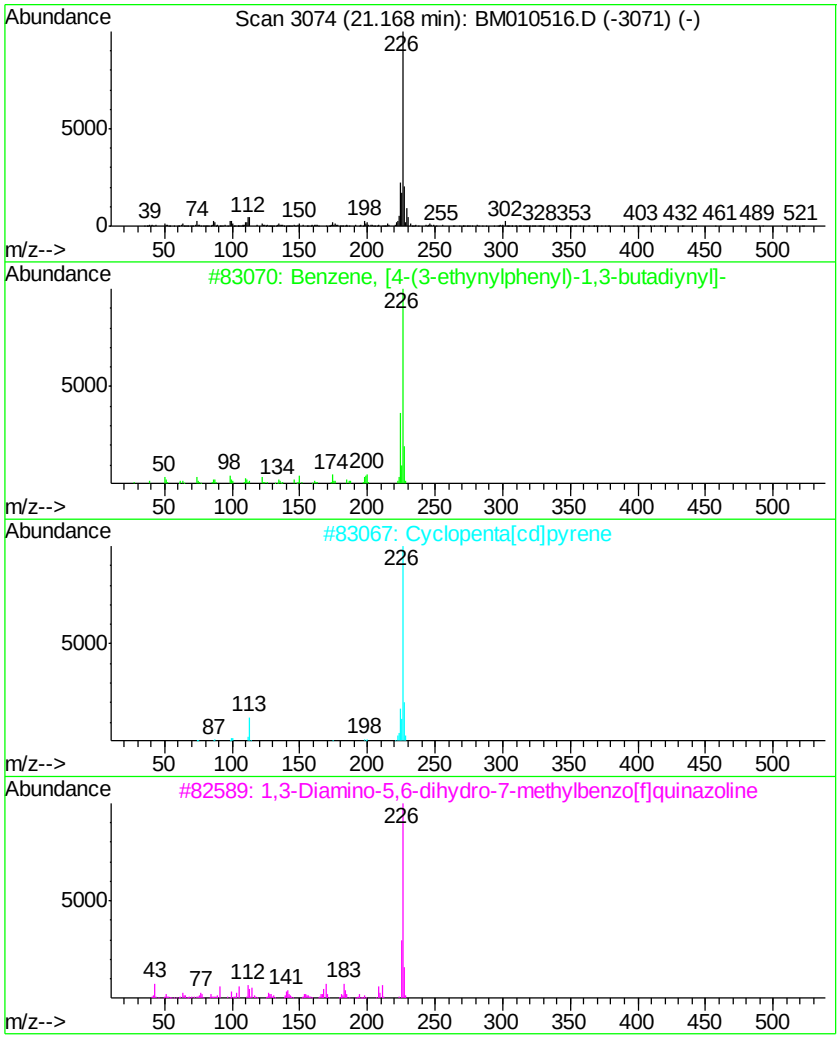
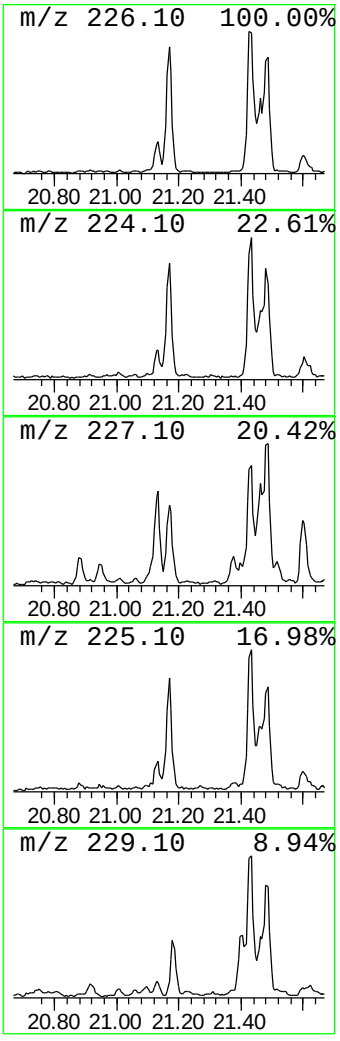
Peak Number 11 Benzene, [4-(3-ethynylpheny... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.20 ng/ul	1819370	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	68
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	40
4	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	40
5	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	40





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Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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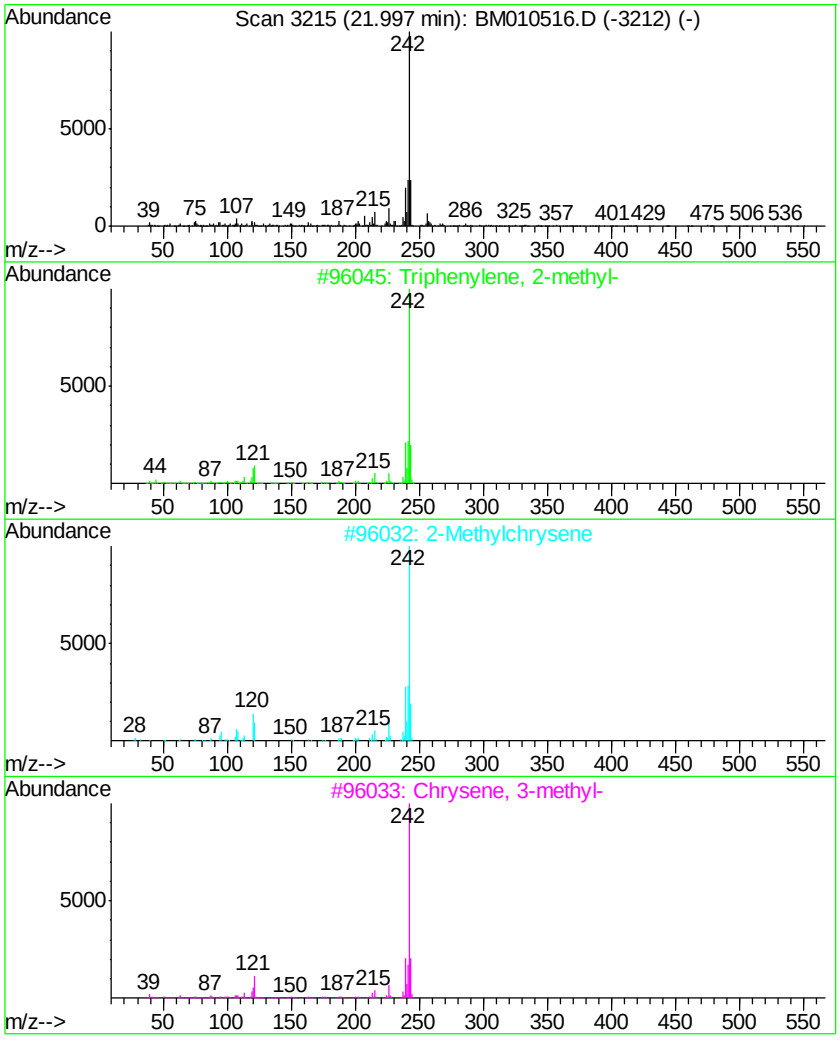
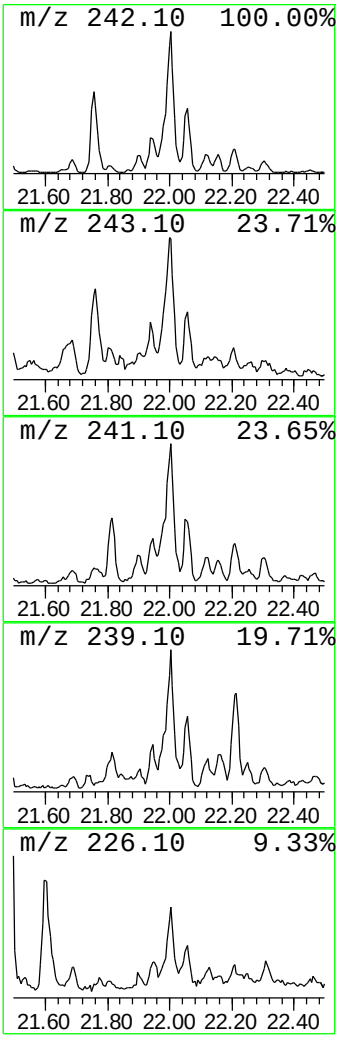
Peak Number 12 Triphenylene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.84 ng/ul	2353150	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	2-Methylchrysene	242	C19H14	003351-32-4	90
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	90
4	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	89
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89





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Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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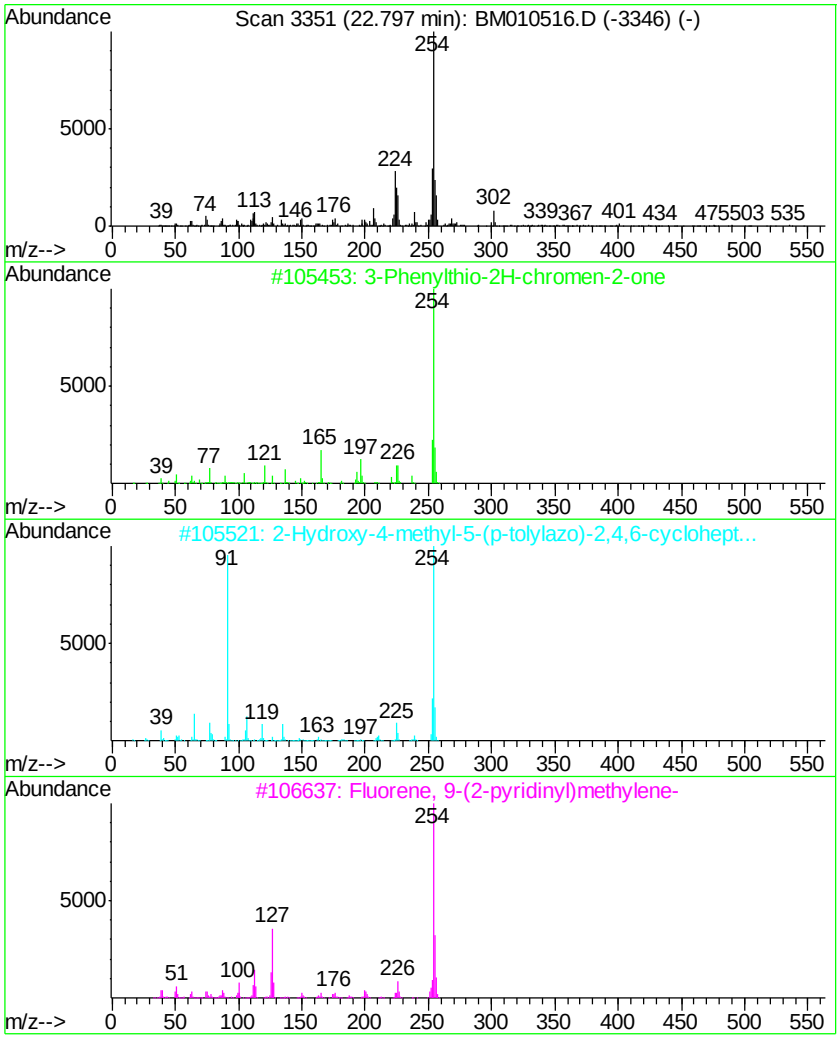
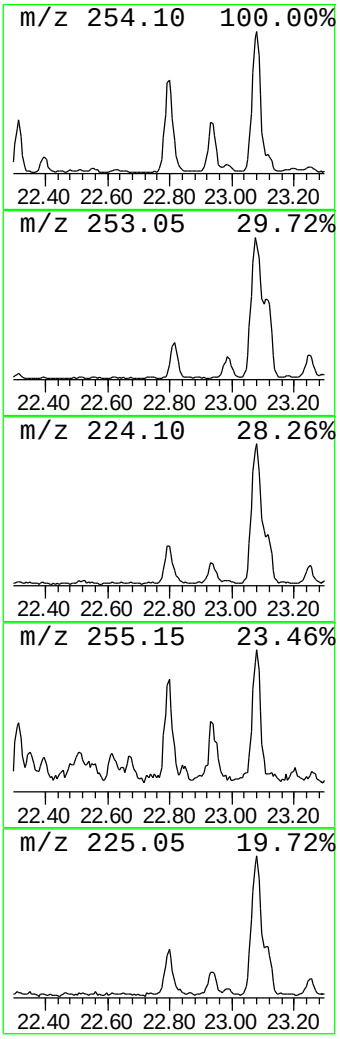
Peak Number 13 3-Phenylthio-2H-chromen-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	10.60 ng/ul	2934710	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	53
2	2-Hydroxy-4-methyl-5-(p-tolylazo...	254	C15H14N2O2	066777-90-0	53
3	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	53
4	Cyclopentylmethylamine, N,N-dioc...	323	C22H45N	1000310-50-1	53
5	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	52





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Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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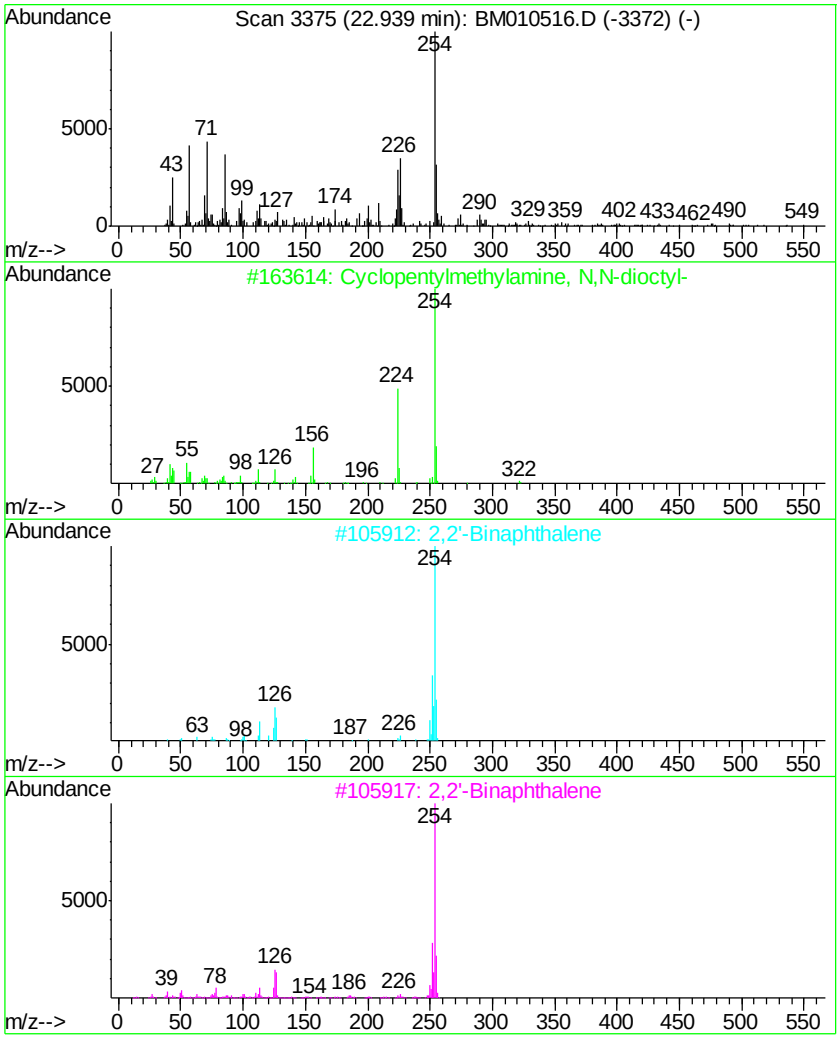
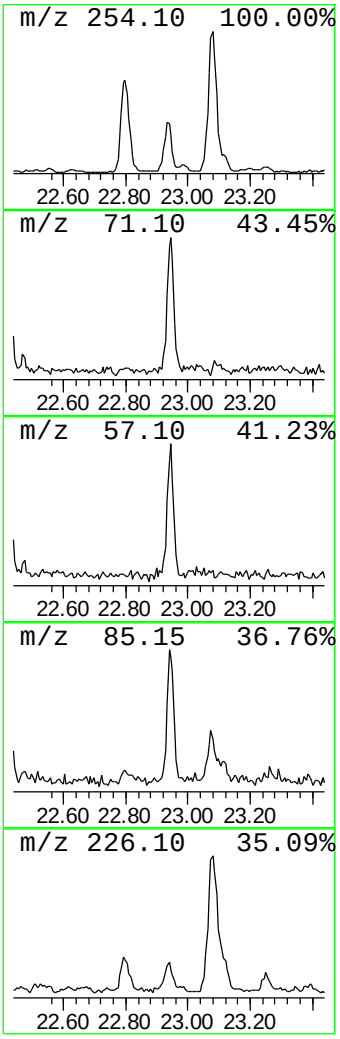
Peak Number 14 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	3.05 ng/ul	844298	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentylmethylamine, N,N-dioc...	323	C22H45N	1000310-50-1	43
2	2,2'-Binaphthalene	254	C20H14	000612-78-2	38
3	2,2'-Binaphthalene	254	C20H14	000612-78-2	38
4	Chrysin	254	C15H10O4	000480-40-0	38
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	37





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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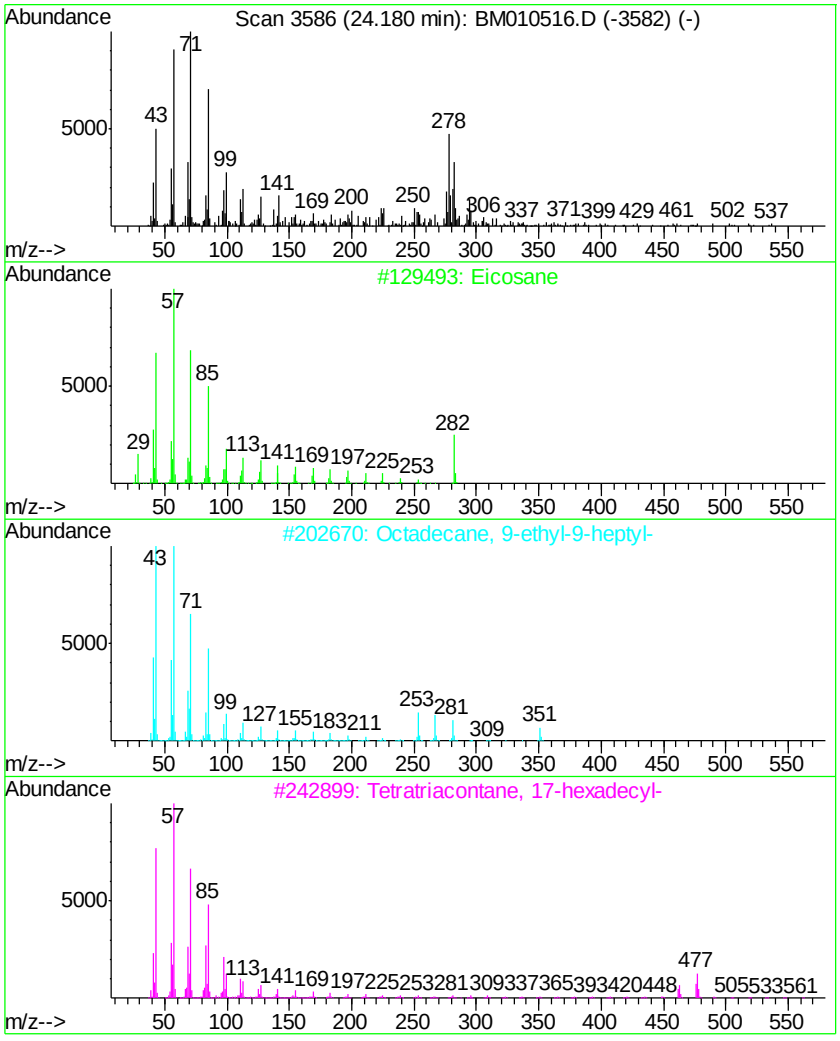
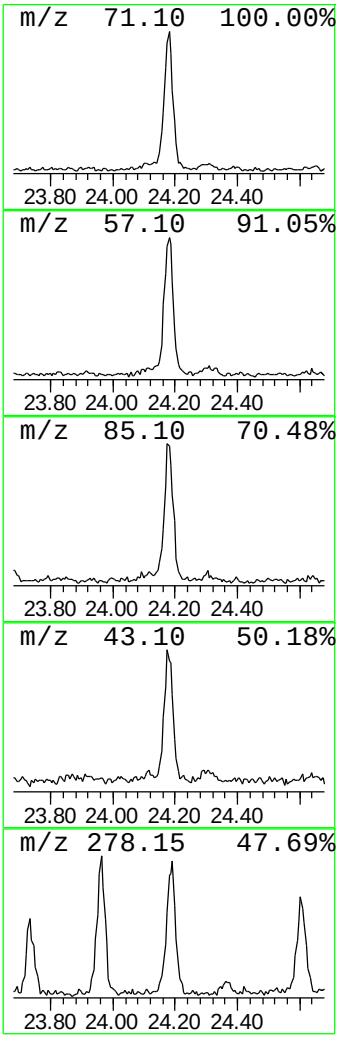
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	4.46 ng/ul	1236580	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	50
3	Tetratriacontane, 17-hexadecyl-	703	C50H102	055256-07-0	43
4	Tetratriacontane, 1-bromo-	556	C34H69Br	062108-50-3	43
5	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	40





Tentatively Identified Compound (LSC) summary

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Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.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
Glycine, N-[N-[N-...	15.75	2.3	ng/ul	348712	3	14.53	2986780	20.0
unknown-01	15.91	18.3	ng/ul	3625210	4	17.28	3968590	20.0
cis-9-Hexadecenoi...	18.07	2.2	ng/ul	430958	4	17.28	3968590	20.0
Tridecanoic acid	18.13	6.3	ng/ul	1246640	4	17.28	3968590	20.0
2-Isopropenyl-4a,...	19.13	2.6	ng/ul	512313	4	17.28	3968590	20.0
Cyclopenta(def)ph...	19.21	3.3	ng/ul	649590	4	17.28	3968590	20.0
Pyrene, 1-methyl-	20.00	2.0	ng/ul	1696970	5	21.44	16575100	20.0
11H-Benzo[b]fluorene	20.16	2.7	ng/ul	2272420	5	21.44	16575100	20.0
Allopregnane-3.al...	20.34	2.4	ng/ul	2017220	5	21.44	16575100	20.0
11H-Benzo[a]fluor...	20.93	2.8	ng/ul	2278030	5	21.44	16575100	20.0
Benzene, [4-(3-et...	21.17	2.2	ng/ul	1819370	5	21.44	16575100	20.0
Triphenylene, 2-m...	22.00	2.8	ng/ul	2353150	5	21.44	16575100	20.0
3-Phenylthio-2H-c...	22.80	10.6	ng/ul	2934710	6	23.79	5539780	20.0
unknown-02	22.94	3.0	ng/ul	844298	6	23.79	5539780	20.0
(DEL) Alkane: Str...	24.18	4.5	ng/ul	1236580	6	23.79	5539780	20.0