LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM071315.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	2.793	13	18	23	rBV	53123	88125	1.86%	0.231%
2	2.870	27	31	51	rVB	1627588	2112376	44.58%	5.526%
3	3.470	128	133	145	rVB	413917	504168	10.64%	1.319%
4	4.764	348	353	359	rBB	14326	19679	0.42%	0.051%
5	5.299	439	444	451	rBB	23633	34059	0.72%	0.089%
6	5.669	499	507	512	rBB2	31102	48747	1.03%	0.128%
7	6.816	693	702	716	rBB2	144324	294609	6.22%	0.771%
8	6.987	726	731	738	rBV	105086	159743	3.37%	0.418%
9	7.181	758	764	771	rBB	141200	213814	4.51%	0.559%
10	7.299	781	784	787	rVB	9417	11364	0.24%	0.030%
11	7.652	835	844	852	rBV	310944	480796	10.15%	1.258%
12	8.357	958	964	970	rBV	140394	218009	4.60%	0.570%
13	8.422	970	975	978	rVV2	13191	20043	0.42%	0.052%
14	8.469	978	983	992	rVB	148007	236645	4.99%	0.619%
15	8.610	1001	1007	1018	rBB3	6586	18559	0.39%	0.049%
16	8.810	1035	1041	1048	rBV	135663	214106	4.52%	0.560%
17	9.528	1157	1163	1171	rBB	117206	183067	3.86%	0.479%
18	9.693	1184	1191	1200	rBV	27708	57995	1.22%	0.152%
19	9.887	1219	1224	1234	rVB	21146	36441	0.77%	0.095%
20	10.063	1247	1254	1261	rBB	187734	304660	6.43%	0.797%
21	10.440	1309	1318	1324	rBV	434772	721077	15.22%	1.886%
22	10.498	1324	1328	1334	rVB3	16849	24523	0.52%	0.064%
23	10.581	1337	1342	1349	rBV	100447	166224	3.51%	0.435%
24	10.981	1405	1410	1415	rBB2	9742	14934	0.32%	0.039%
25	11.228	1445	1452	1459	rBB	8300	14507	0.31%	0.038%
26	11.810	1547	1551	1557	rBV2	7726	12950	0.27%	0.034%
27	13.716	1870	1875	1880	rBV	331612	457258	9.65%	1.196%
28	13.763	1880	1883	1889	rVB	157409	206368	4.36%	0.540%
29	13.998	1917	1923	1933	rVB	349448	501375	10.58%	1.312%
30	14.310	1969	1976	1983	rBV2	640673	998891	21.08%	2.613%
31	14.510	2004	2010	2018	rBV	134289	189358	4.00%	0.495%
32	15.157	2113	2120	2125	rVB3	12522	20151	0.43%	0.053%
33	15.304	2139	2145	2151	rBV	426306	604507	12.76%	1.581%
34	15.428	2161	2166	2171	rBV	82499	108535	2.29%	0.284%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

35	16.022	2262	2267	2278	rBV	15870	32365	0.68%	0.085%
36	16.810	2397	2401	2404	rBV	13983	15330	0.32%	0.040%
37	16.863	2406	2410	2415	rVB3	6986	11079	0.23%	0.029%
38	17.057	2436	2443	2447	rBV	863820	1214521	25.63%	3.177%
39	17.098	2447	2450	2454	rVV	61081	79316	1.67%	0.207%
40	17.151	2454	2459	2465	rVV2	446399	628230	13.26%	1.643%
41	17.551	2521	2527	2530	rVB3	13646	17080	0.36%	0.045%
42	17.827	2569	2574	2579	rBV	11131	16078	0.34%	0.042%
43	17.951	2587	2595	2604	rBV2	131394	237840	5.02%	0.622%
44	18.022	2604	2607	2611	rVV	16300	24082	0.51%	0.063%
45	18.057	2611	2613	2618	rVV4	8100	12028	0.25%	0.031%
46	18.122	2618	2624	2628	rVV2	19304	40296	0.85%	0.105%
47	18.157	2628	2630	2635	rVB	13027	17699	0.37%	0.046%
48	18.245	2639	2645	2648	rBV4	7796	11790	0.25%	0.031%
49	18.433	2673	2677	2681	rVB2	9938	13942	0.29%	0.036%
50	18.486	2681	2686	2689	rBV5	13416	22327	0.47%	0.058%
51	18.527	2689	2693	2701	rVB2	50770	70425	1.49%	0.184%
52	18.757	2728	2732	2736	rVB	32831	42694	0.90%	0.112%
53	18.804	2736	2740	2744	rBV2	24788	29205	0.62%	0.076%
54	18.851	2744	2748	2751	rBV	14008	22424	0.47%	0.059%
55	18.945	2761	2764	2767	rBV3	12874	19476	0.41%	0.051%
56	19.004	2767	2774	2789	rVB9	45145	217377	4.59%	0.569%
57	19.116	2789	2793	2798	rBV	147810	193341	4.08%	0.506%
58	19.233	2809	2813	2824	rVB5	67341	107403	2.27%	0.281%
59	19.457	2845	2851	2854	rBV	522690	768063	16.21%	2.009%
60	19.557	2865	2868	2873	rVB7	11171	17163	0.36%	0.045%
61	19.668	2884	2887	2892	rVB4	16477	25542	0.54%	0.067%
62	19.851	2914	2918	2922	rVB2	38585	51957	1.10%	0.136%
63	19.898	2922	2926	2929	rBV5	11619	18478	0.39%	0.048%
64	20.139	2961	2967	2970	rBV5	19580	34080	0.72%	0.089%
65	20.239	2982	2984	2988	rVB3	20470	20763	0.44%	0.054%
66	20.310	2993	2996	3005	rVB3	15114	31930	0.67%	0.084%
67	20.433	3013	3017	3021	rBV	43491	54416	1.15%	0.142%
68	20.686	3056	3060	3062	rBV2	33855	44760	0.94%	0.117%
69	20.933	3099	3102	3104	rBV3	27447	29913	0.63%	0.078%
70	20.968	3104	3108	3115	rVB3	79667	144894	3.06%	0.379%
71	21.121	3132	3134	3137	rBV4	16414	18468	0.39%	0.048%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

72	21.162	3137	3141	3145	rVV	480095	544043	11.48%	1.423%
73	21.251	3149	3156	3160	rVV	1163107	1597302	33.71%	4.179%
74	21.286	3160	3162	3168	rVB	79081	108574	2.29%	0.284%
75	21.410	3175	3183	3187	rBV5	92764	178970	3.78%	0.468%
76	21.551	3203	3207	3209	rBV2	83102	103382	2.18%	0.270%
77	21.633	3218	3221	3229	rVB	115799	152375	3.22%	0.399%
78	21.757	3236	3242	3250	rBV	1985221	2622566	55.35%	6.861%
79	21.845	3250	3257	3261	rVV2	163406	277721	5.86%	0.727%
80	21.904	3261	3267	3275	rVB2	3516027	4738551	100.00%	12.396%
81	21.992	3278	3282	3288	rVV5	147791	310040	6.54%	0.811%
82	22.057	3288	3293	3296	rVV3	2386998	3506904	74.01%	9.174%
83	22.080	3296	3297	3305	rVB	1121121	1256330	26.51%	3.287%
84	22.215	3314	3320	3322	rBV2	827342	1216600	25.67%	3.183%
85	22.245	3322	3325	3337	rVB3	1099308	2222816	46.91%	5.815%
86	22.345	3338	3342	3343	rBV2	71555	84161	1.78%	0.220%
87	22.415	3343	3354	3357	rBV4	390540	1104239	23.30%	2.889%
88	22.509	3366	3370	3374	rBV3	95254	140620	2.97%	0.368%
89	22.557	3374	3378	3382	rBV3	134368	222245	4.69%	0.581%
90	22.709	3401	3404	3408	rVB3	115712	162017	3.42%	0.424%
91	22.774	3409	3415	3421	rBV3	209696	501464	10.58%	1.312%
92	22.962	3445	3447	3457	rVB10	28092	62911	1.33%	0.165%
93	23.286	3498	3502	3504	rBV	32675	51828	1.09%	0.136%
94	23.333	3504	3510	3516	rVV2	374159	696739	14.70%	1.823%
95	23.474	3527	3534	3548	rVB	629814	1264158	26.68%	3.307%
96	23.974	3614	3619	3629	rVB	197807	394499	8.33%	1.032%
97	24.715	3738	3745	3752	rVB	147409	318653	6.72%	0.834%
98	25.574	3884	3891	3903	rVB	117558	310106	6.54%	0.811%
99	26.586	4054	4063	4074	rVB3	78950	237453	5.01%	0.621%
100	27.780	4259	4266	4277	rVB4	56116	184913	3.90%	0.484%

Sum of corrected areas: 38226618

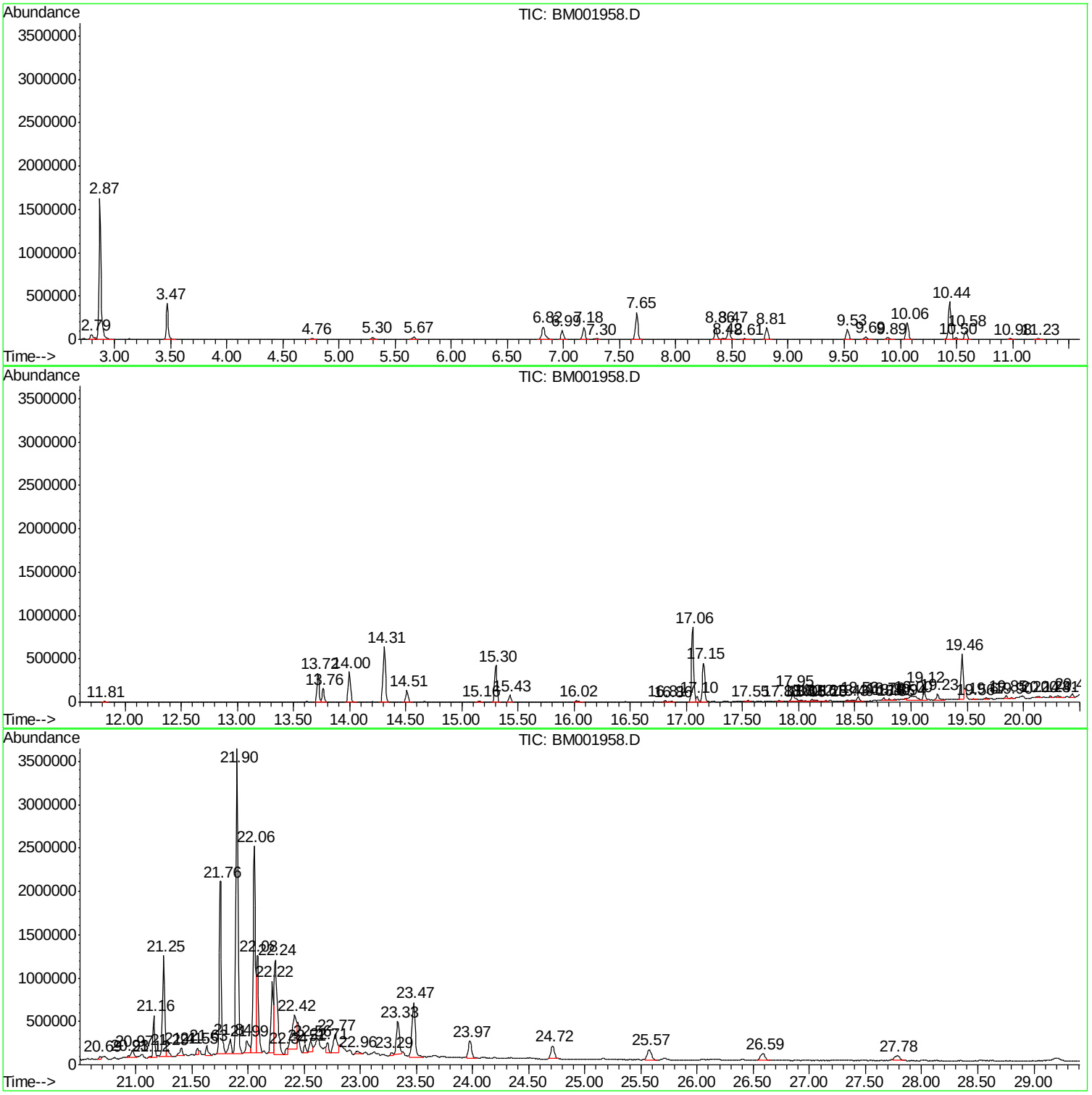
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
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Quant Title : SVOA CALIBRATION

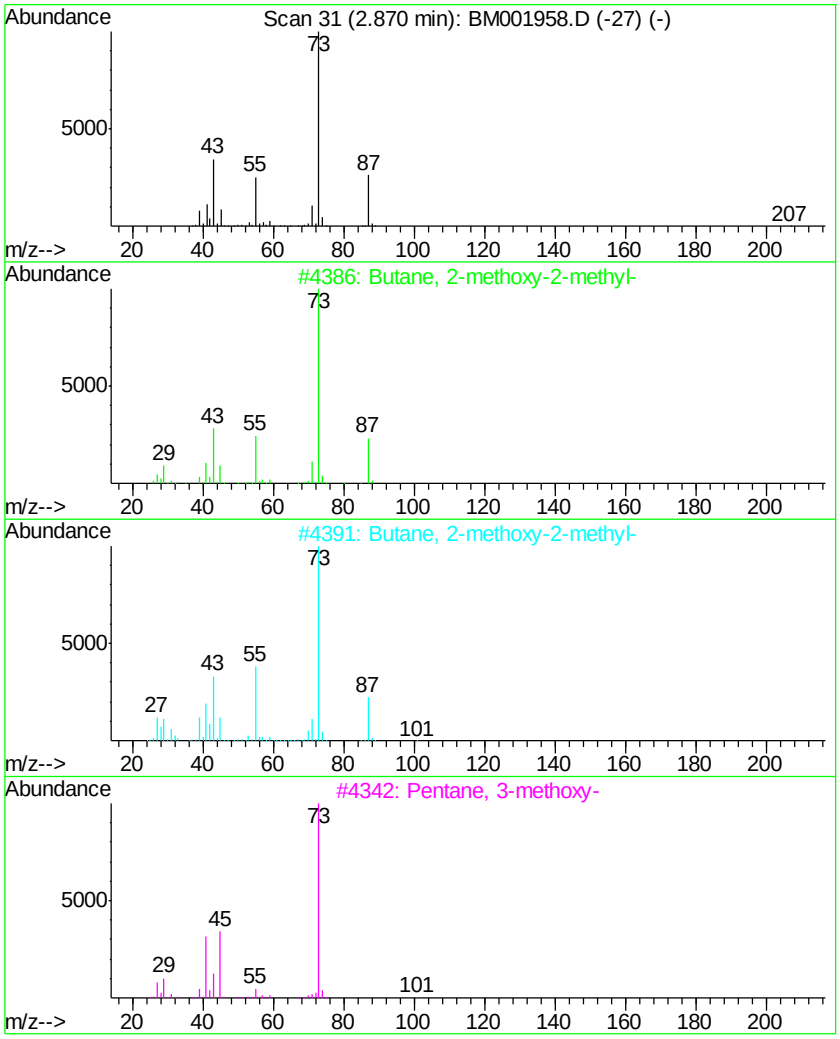
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

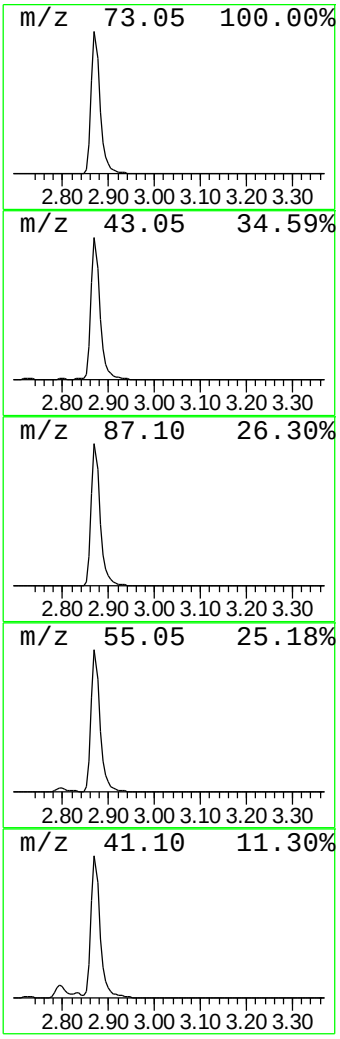
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	87.87 ng/ul	2112380	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

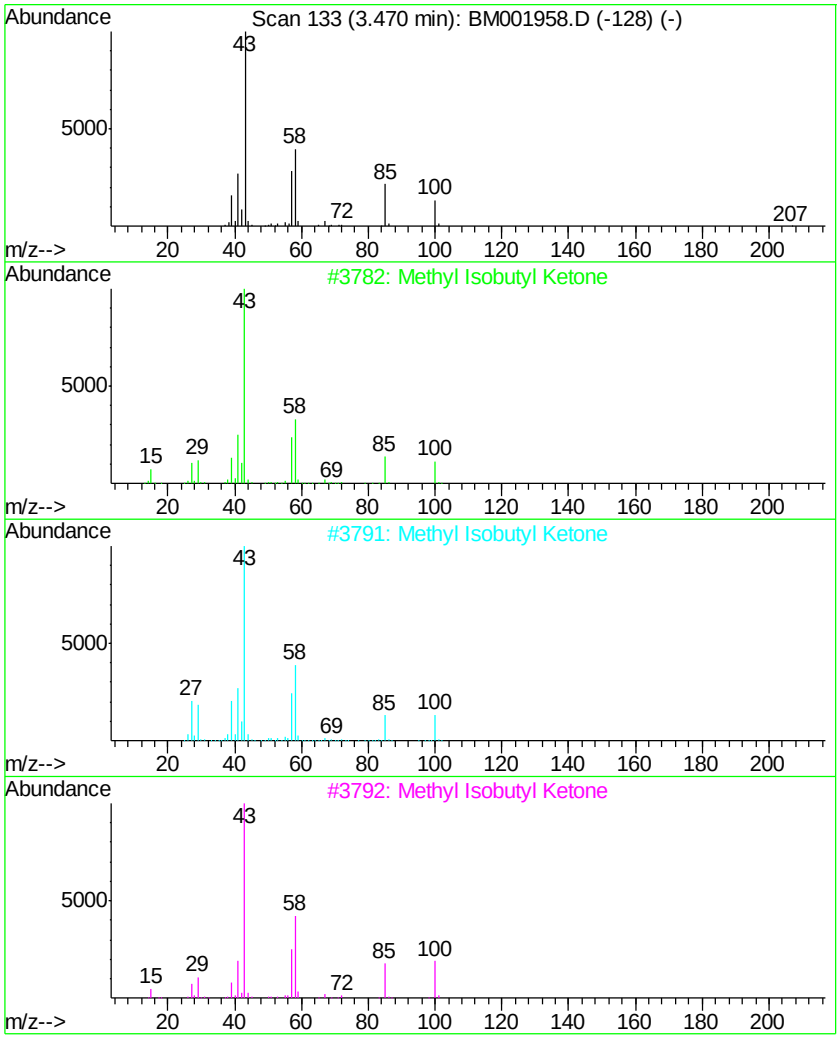
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

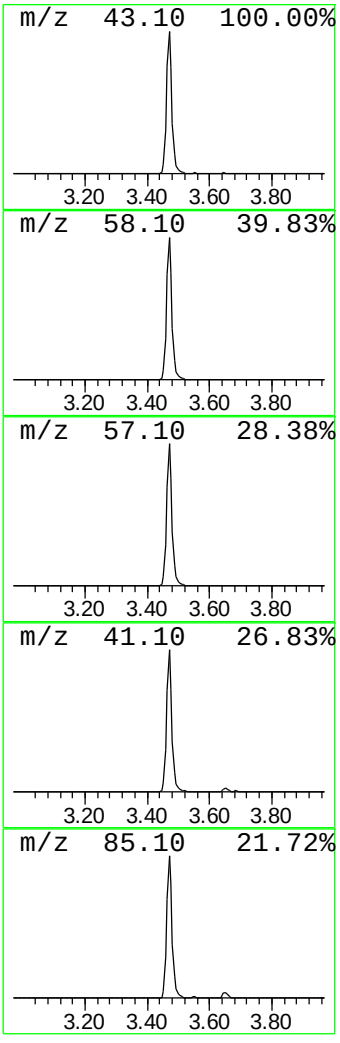
****

Peak Number 3 Methyl Isobutyl Ketone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	20.97 ng/ul	504168	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	83
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
4	2-Hexanone	100	C6H12O	000591-78-6	72
5	2-Hexanone	100	C6H12O	000591-78-6	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

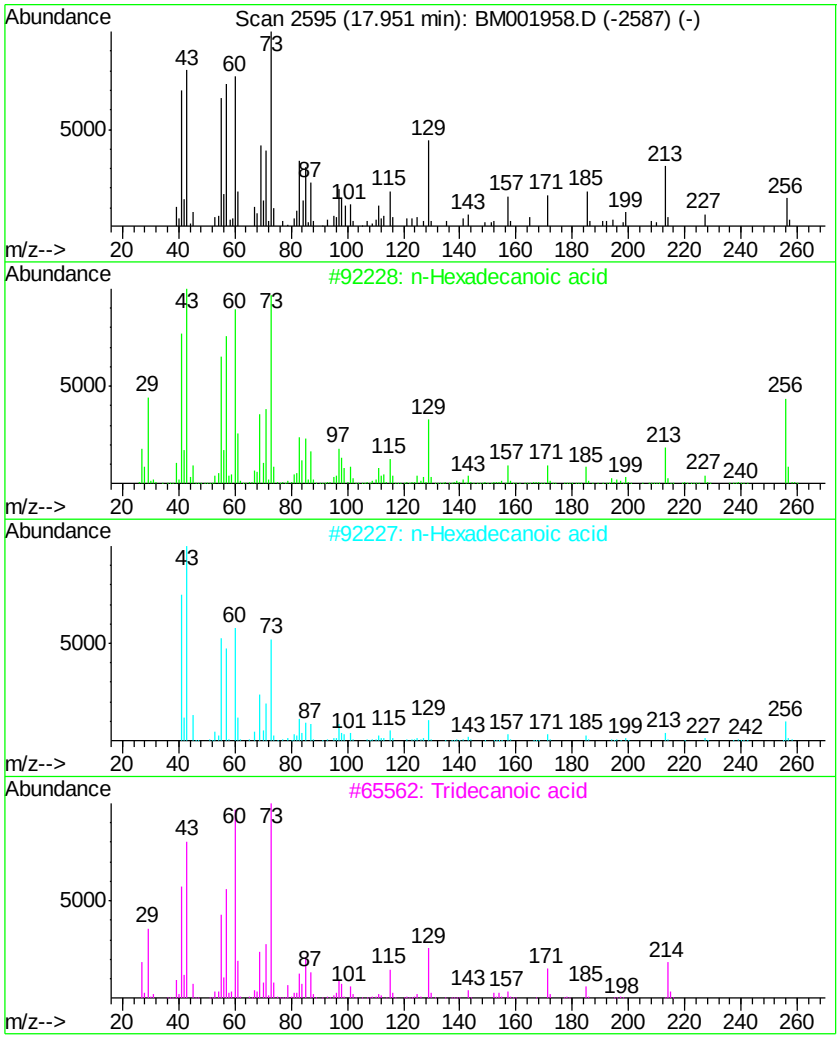
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

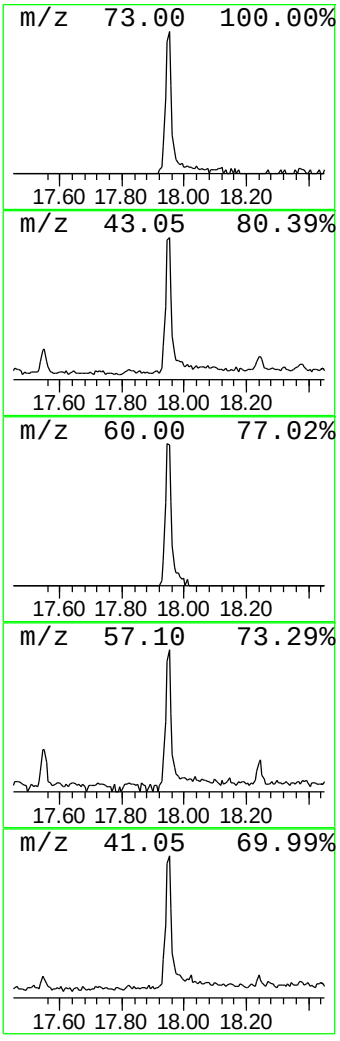
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.92 ng/ul	237840	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

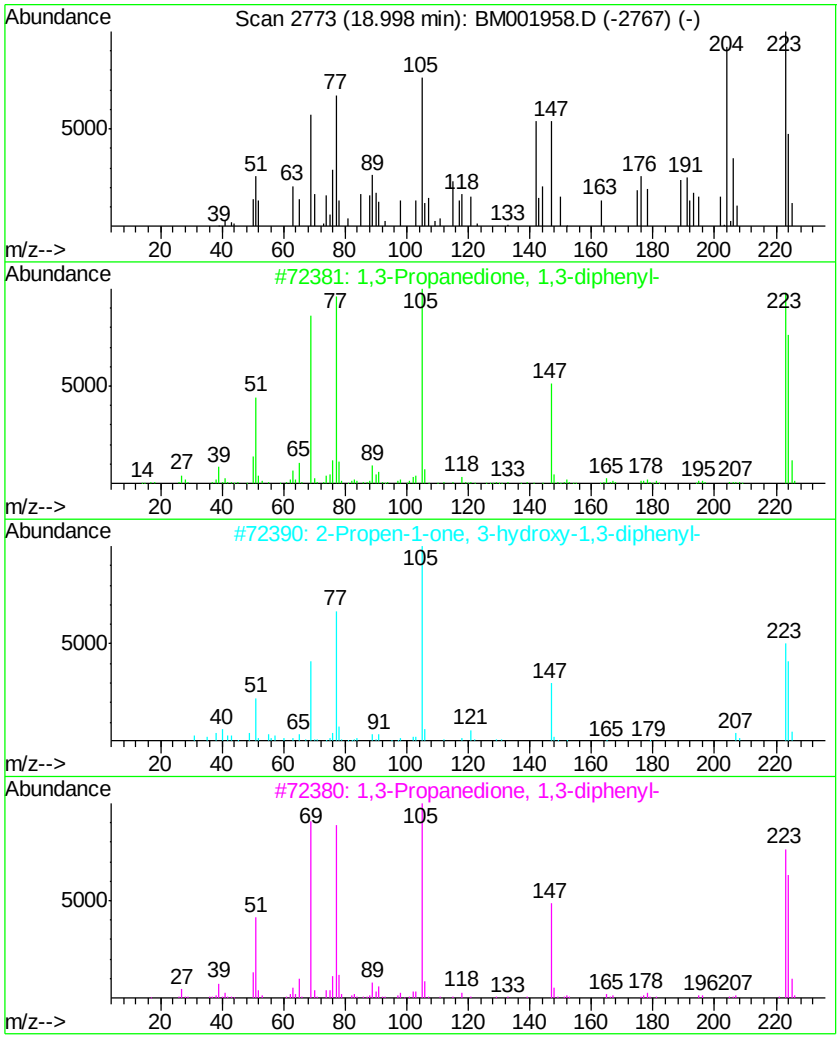
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

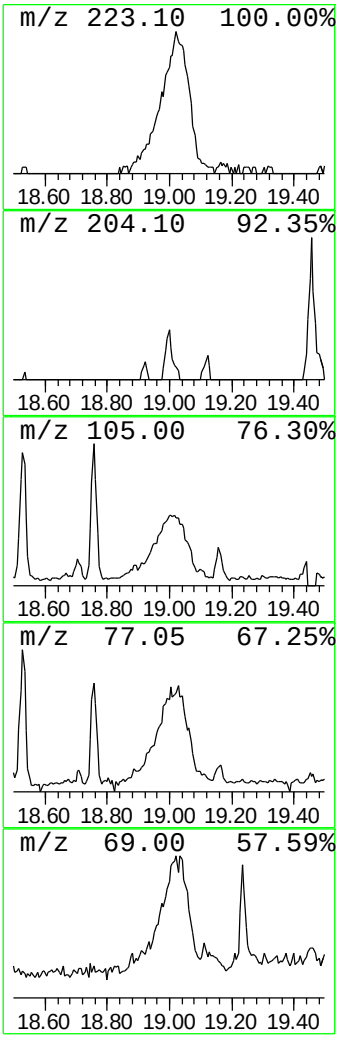
****

Peak Number 6 1,3-Propanedione, 1,3-diphe... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	3.58 ng/ul	217377	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Propanedione, 1,3-diphenyl-	224	C15H12O2	000120-46-7	87
2	2-Propen-1-one, 3-hydroxy-1,3-di...	224	C15H12O2	001704-15-0	49
3	1,3-Propanedione, 1,3-diphenyl-	224	C15H12O2	000120-46-7	46
4	1,3-Propanedione, 2-bromo-1,3-di...	302	C15H11BrO2	000728-84-7	43
5	Benzophenone, 2,4,6-trimethyl-	224	C16H16O	000954-16-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

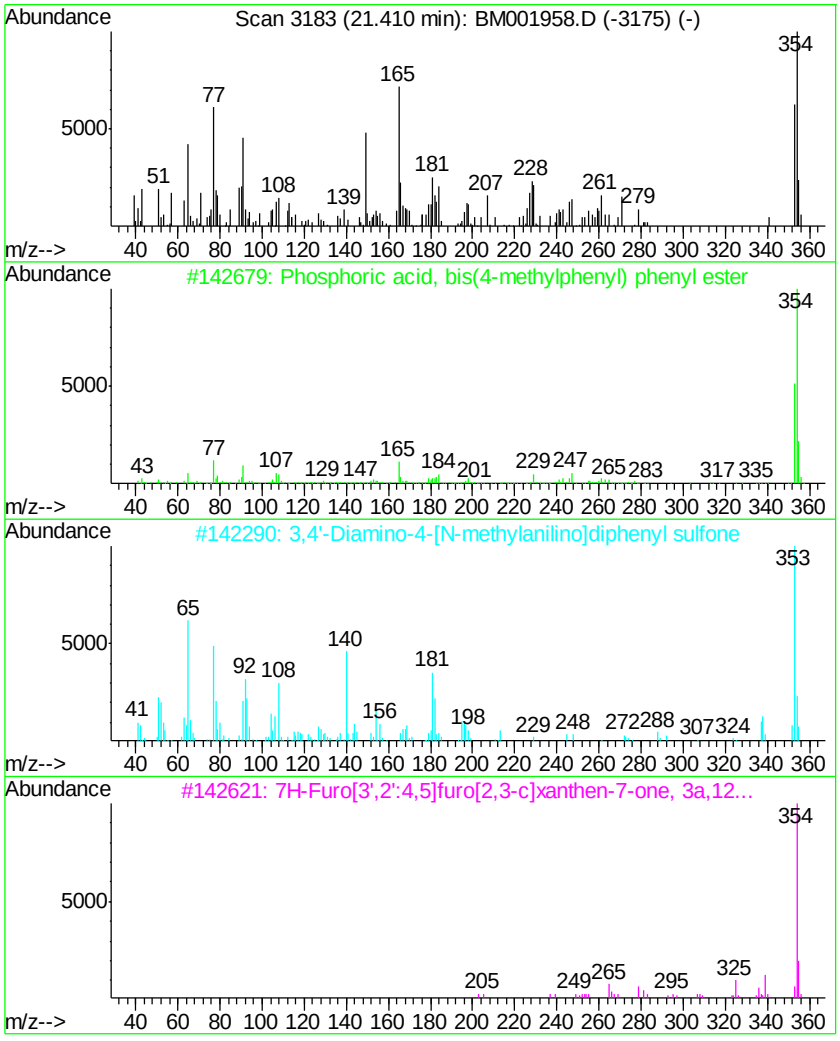
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

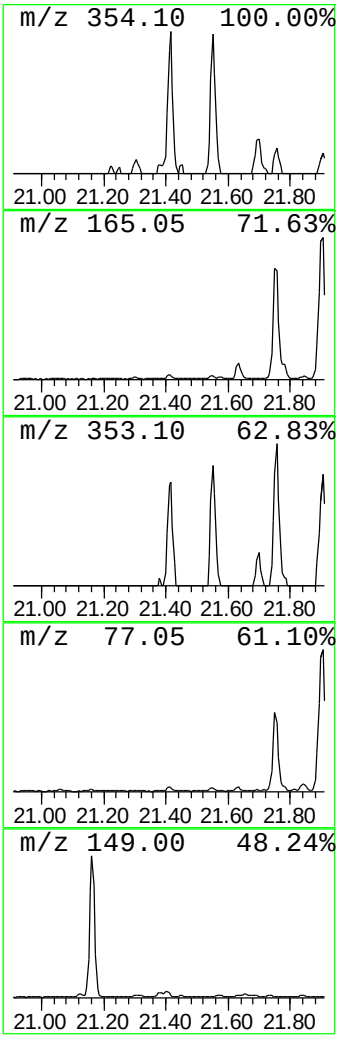
****

Peak Number 7 Phosphoric acid, bis(4-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.24 ng/ul	178970	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, bis(4-methylphe...	354	C20H19O4P	034909-69-8	64
2	3,4'-Diamino-4-[N-methylanilino]...	353	C19H19N3O2S	1000253-45-4	38
3	7H-Furo[3',2':4,5]furo[2,3-c]xan...	354	C19H14O7	020797-80-2	38
4	4'-(10-Amino-9-phenanthrylazo)ac...	354	C22H18N4O	000982-25-2	30
5	Naphtho[1,8,8a-3',5',4']pyrido[1...	354	C21H14N4O2	331957-35-8	22





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Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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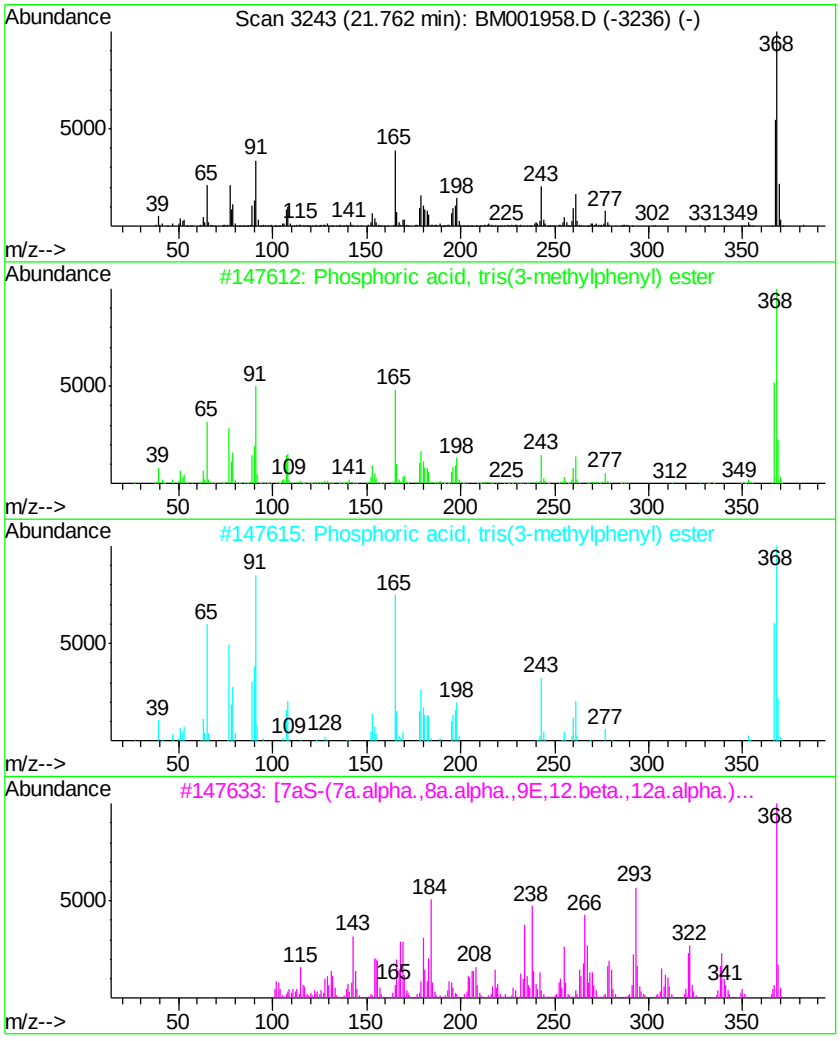
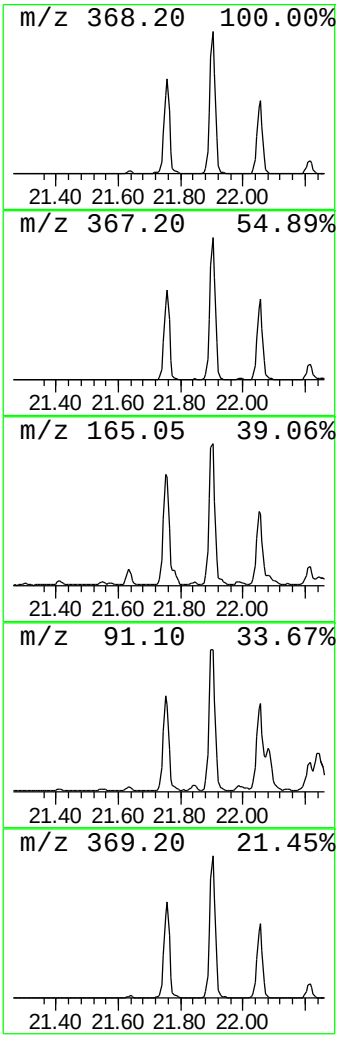
Peak Number 8 Phosphoric acid, tris(3-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	32.84 ng/ul	2622570	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3	[7aS-(7a.alpha.,8a.alpha.,9E,12....	368	C21H24N2O4	030809-15-5	64
4	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	53
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	47





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Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

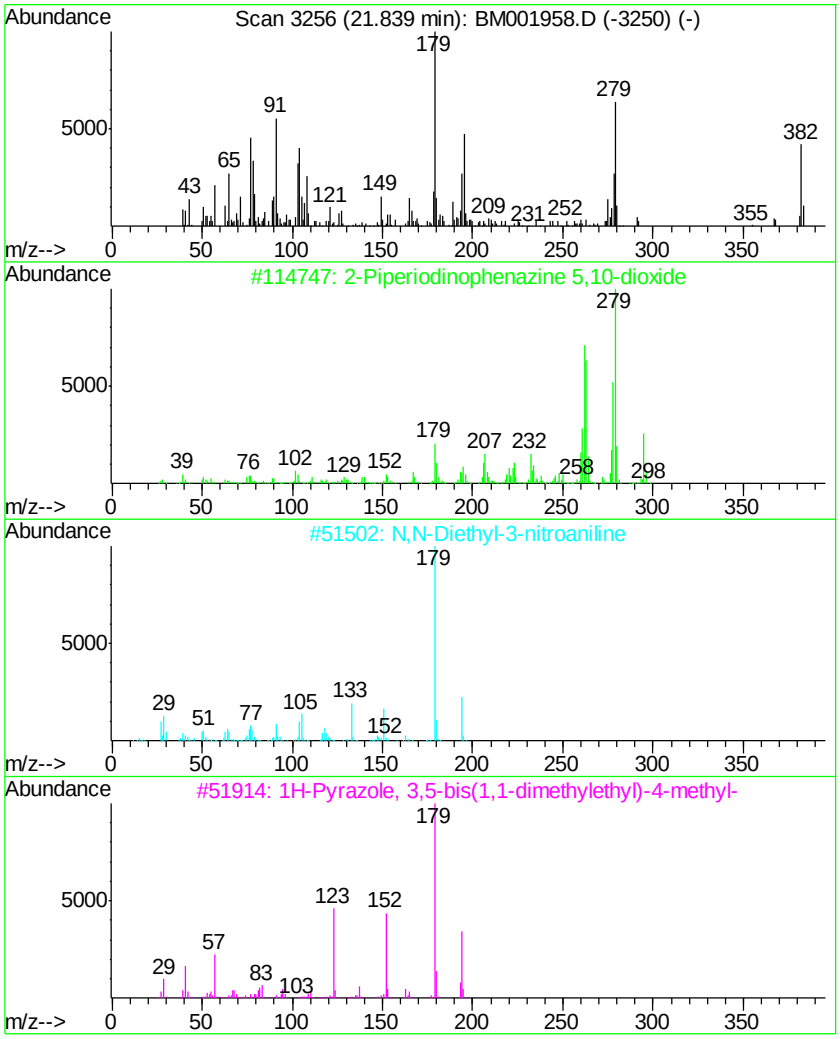
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

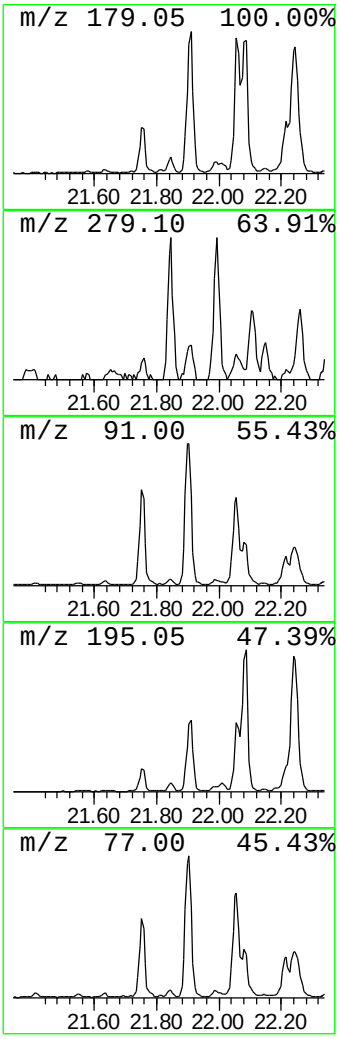
****

Peak Number 9 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	3.48 ng/ul	277721	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Piperiodinophenazine 5,10-dioxide	295	C17H17N3O2	021942-81-4	32
2	N,N-Diethyl-3-nitroaniline	194	C10H14N2O2	002216-16-2	22
3	1H-Pyrazole, 3,5-bis(1,1-dimethy...	194	C12H22N2	018712-47-5	22
4	Acridine-N-oxide	195	C13H9NO	010399-73-2	14
5	Propiohydrazide, 2-methyl-N2-(ac...	266	C17H18N2O	1000260-61-4	12





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Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

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Quant Title : SVOA CALIBRATION

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

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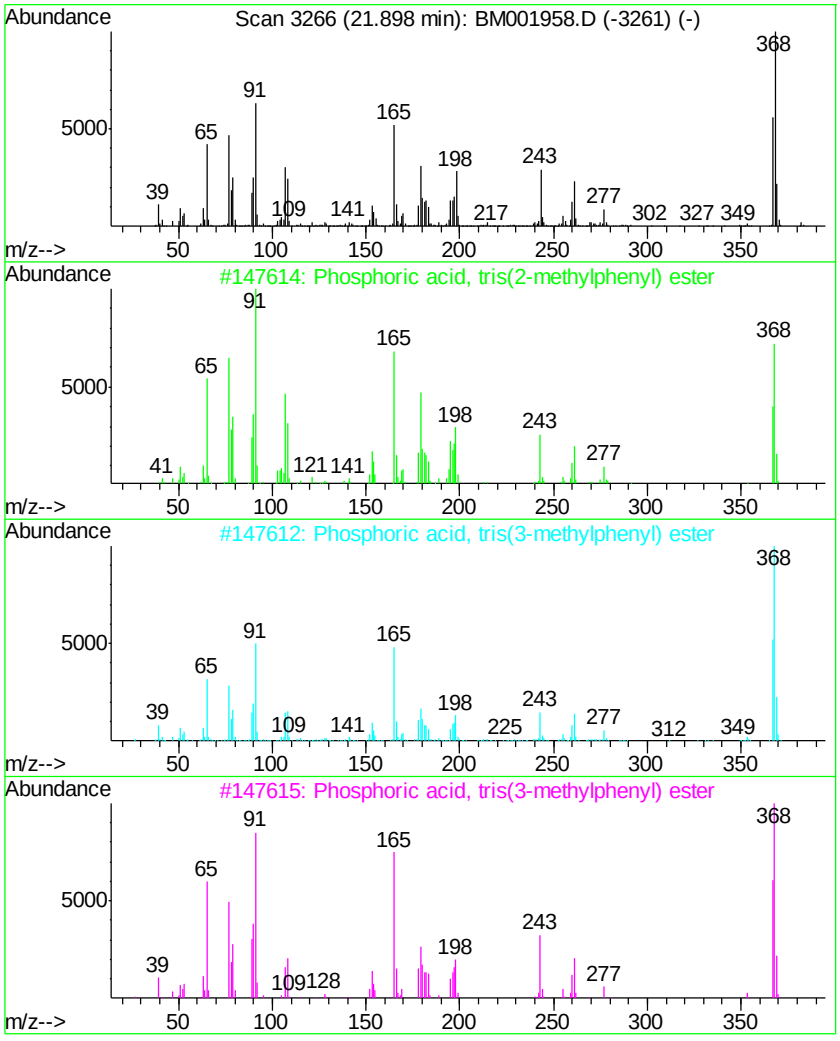
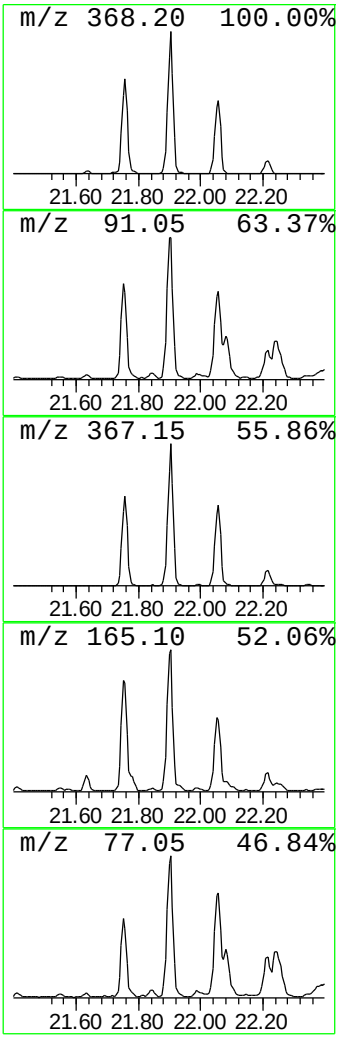
Peak Number 10 Phosphoric acid, tris(2-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	59.33 ng/ul	4738550	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
3	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	97
5	[7aS-(7a.alpha.,8a.alpha.,9E,12....	368	C21H24N2O4	030809-15-5	90





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Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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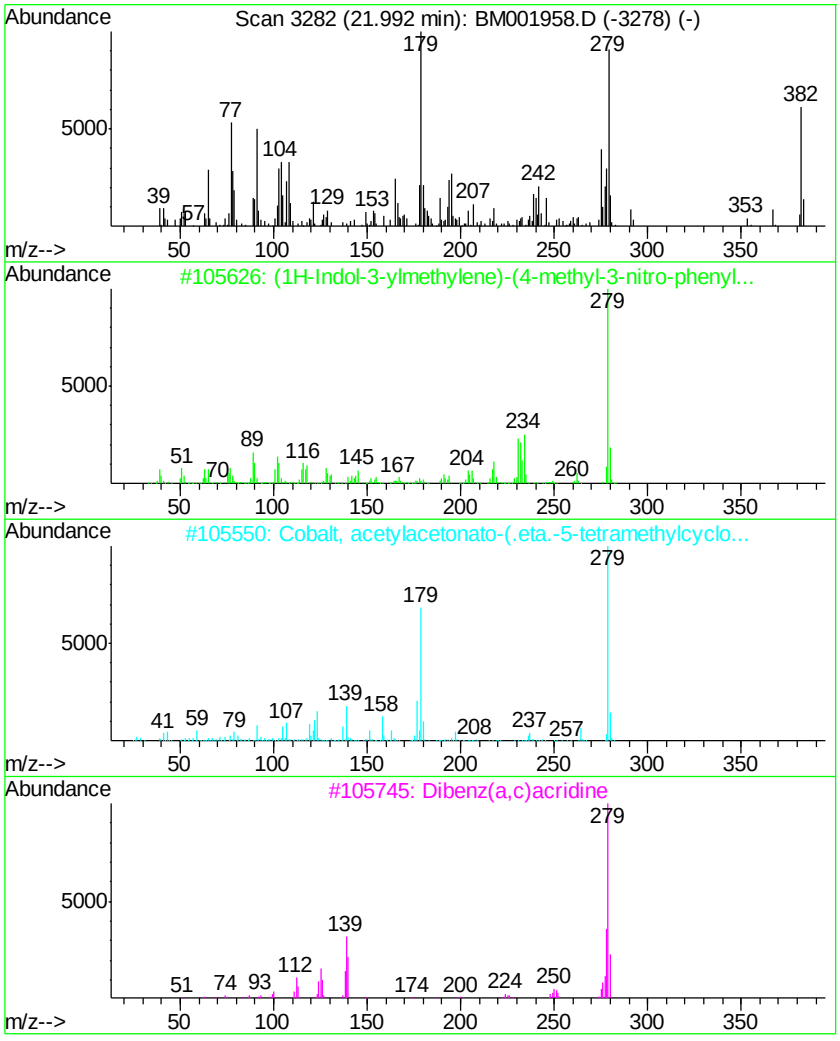
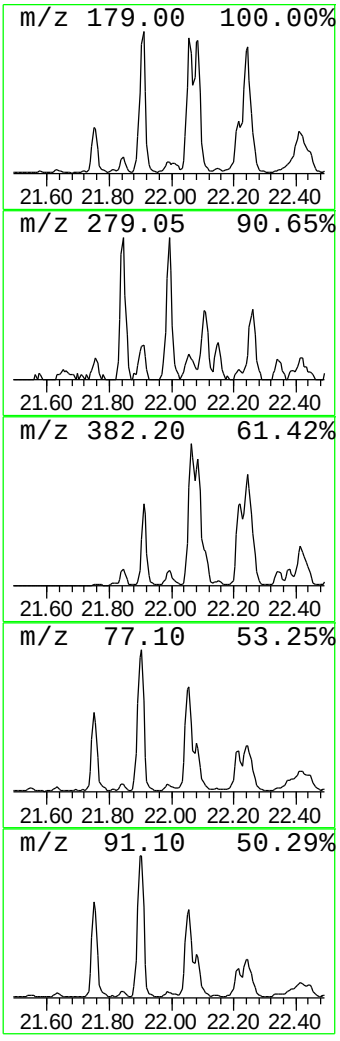
Peak Number 11 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	3.88 ng/ul	310040	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H-Indol-3-ylmethylene)-(4-meth...	279	C16H13N3O2	1000293-90-7	35
2	Cobalt, acetylacetonato-(.eta.-5...	279	C14H20CoO2	1000164-38-2	27
3	Dibenz(a,c)acridine	279	C21H13N	000215-62-3	27
4	Benzenemethanol, 4-[1,2,3,6-tetr...	279	C19H21NO	1000115-52-7	22
5	N,N-Diethyl-O-nitroaniline	194	C10H14N2O2	002216-17-3	14





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Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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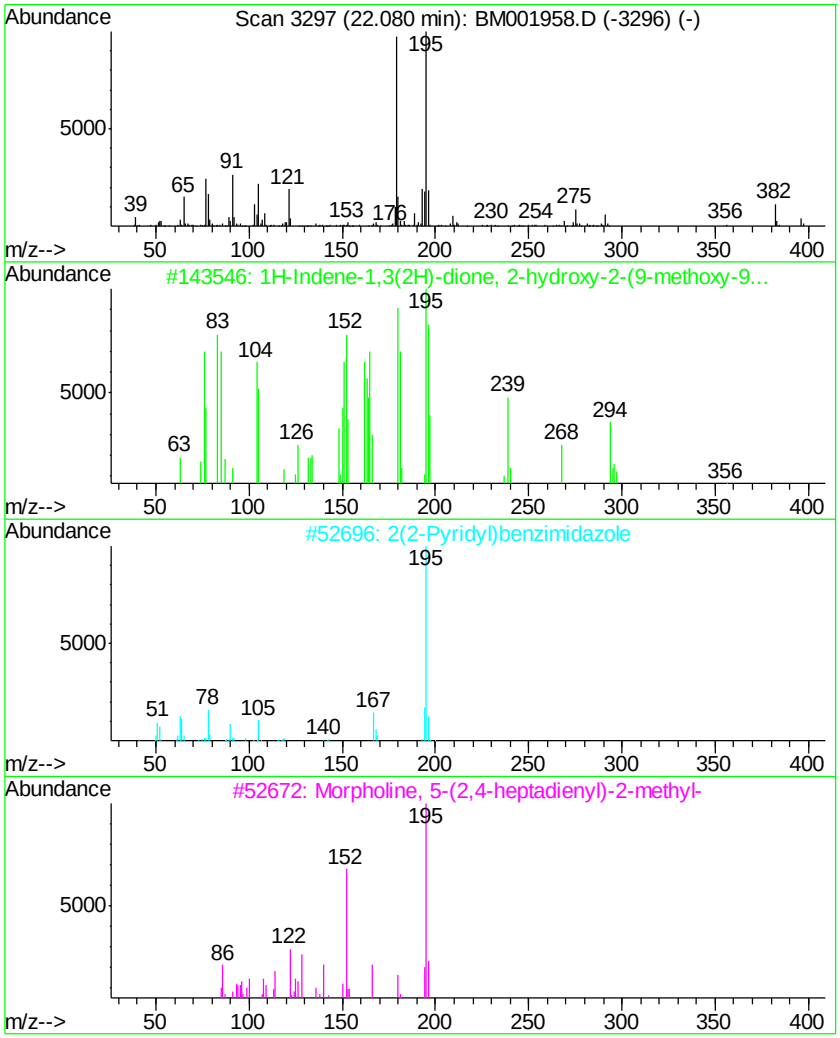
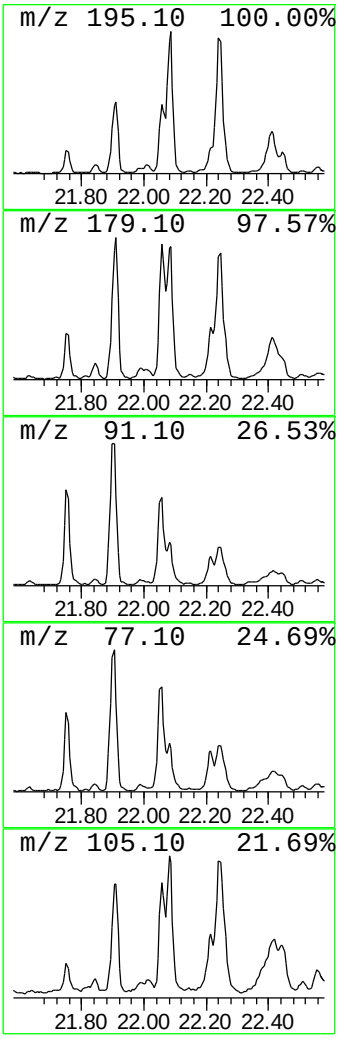
Peak Number 13 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	15.73 ng/ul	1256330	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-1,3(2H)-dione, 2-hydro...	356	C23H16O4	050616-96-1	38
2	2(2-Pyridyl)benzimidazole	195	C12H9N3	001137-68-4	35
3	Morpholine, 5-(2,4-heptadienyl)-...	195	C12H21NO	055649-56-4	35
4	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	35
5	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	32





Library Search Compound Report

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Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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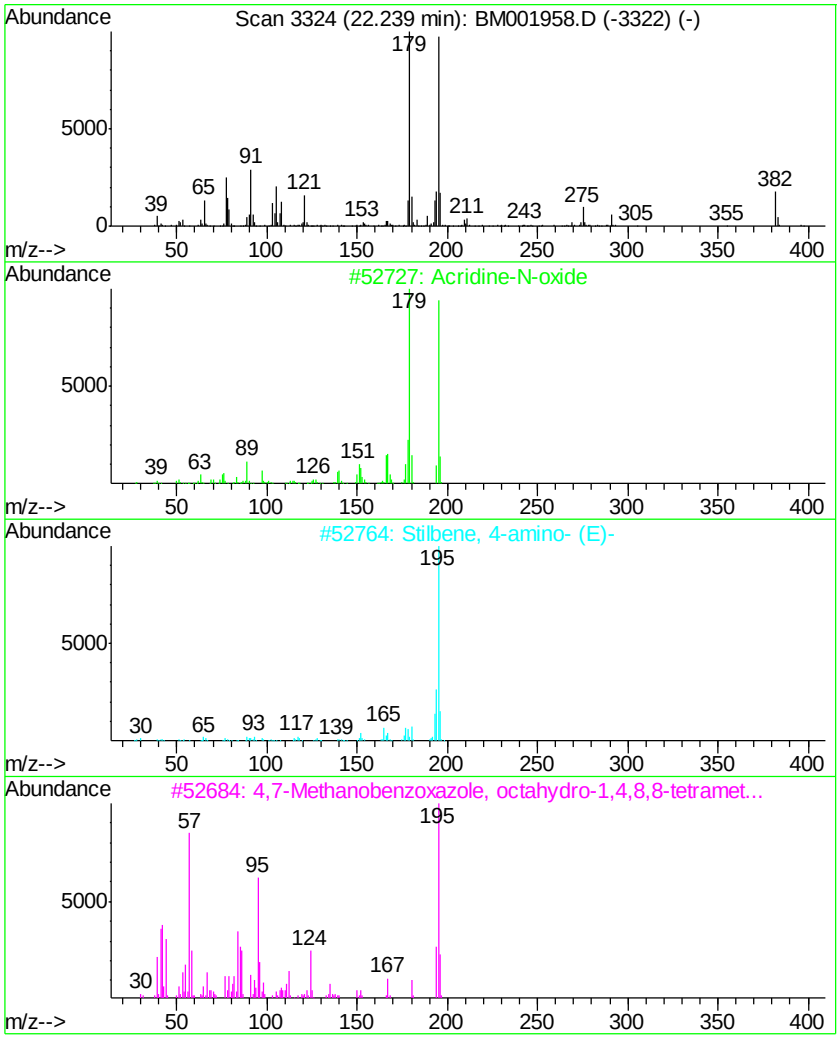
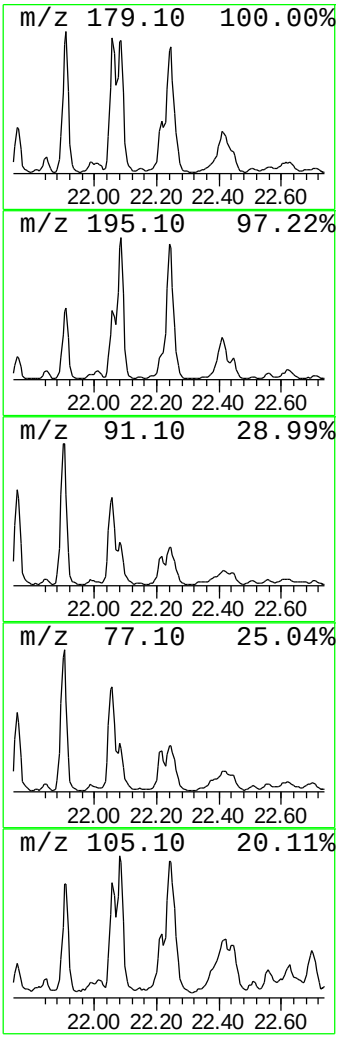
Peak Number 15 Acridine-N-oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	27.83 ng/ul	2222820	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine-N-oxide	195	C13H9NO	010399-73-2	64
2	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	38
3	4,7-Methanobenzoxazole, octahydr...	195	C12H21NO	035972-97-5	38
4	Carbazole, 3,5-dimethyl-	195	C14H13N	078787-81-2	38
5	Carbazole, 2,7-dimethyl-	195	C14H13N	018992-65-9	35





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Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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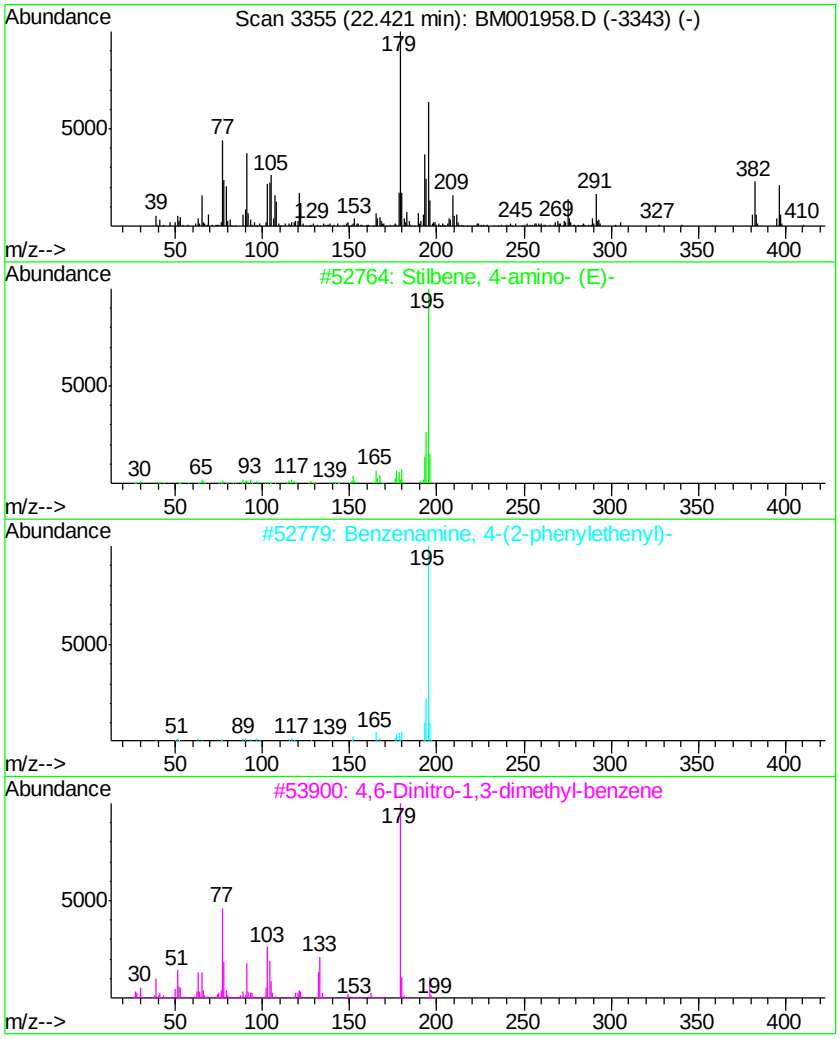
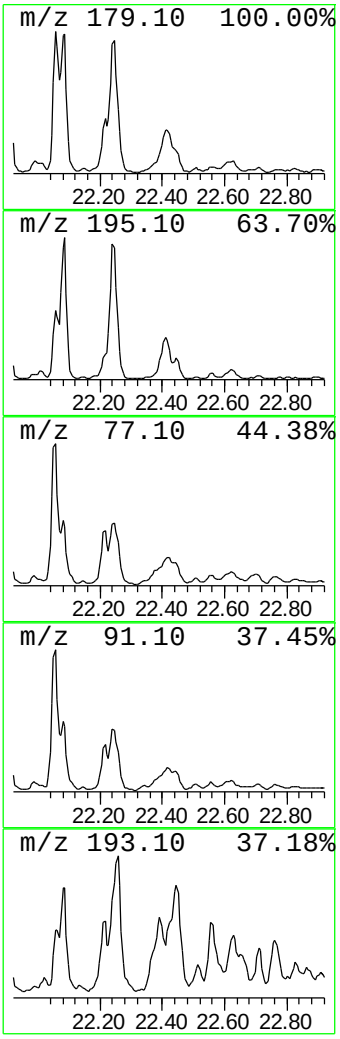
Peak Number 16 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	17.47 ng/ul	1104240	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	38
2	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	30
3	4,6-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000616-72-8	27
4	Carbazole, 2,5-dimethyl-	195	C14H13N	078787-79-8	25
5	Carbazole, 3,5-dimethyl-	195	C14H13N	078787-81-2	25





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Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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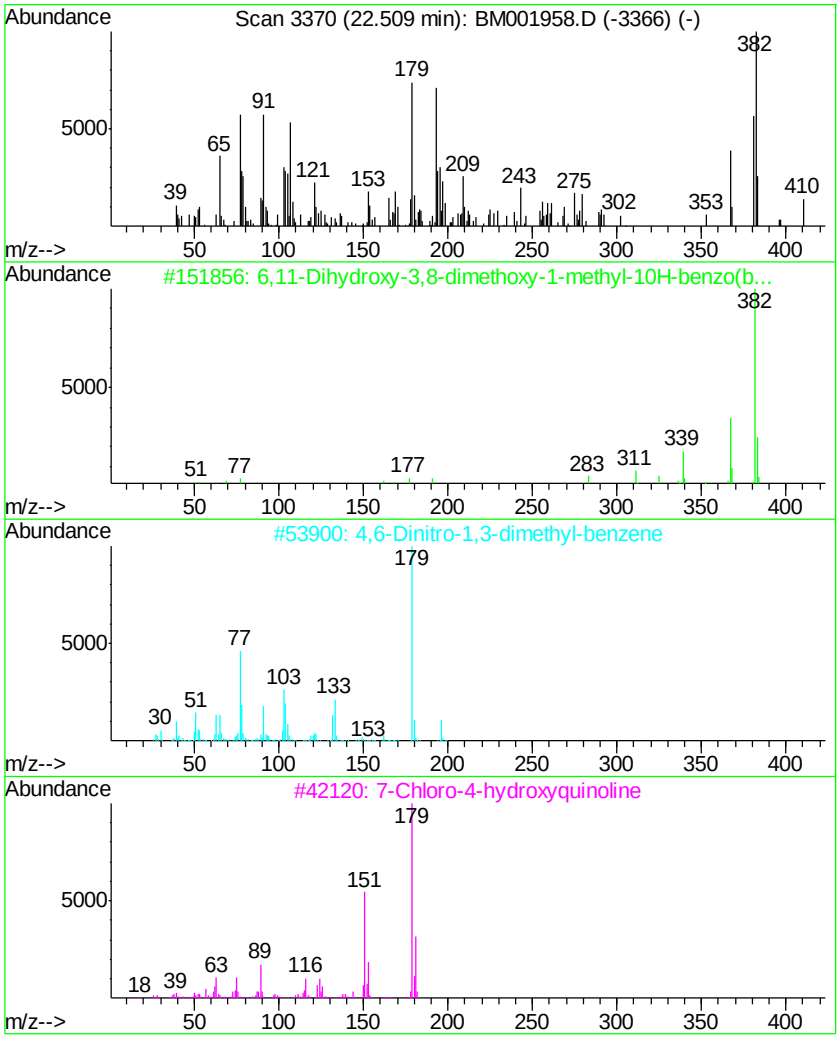
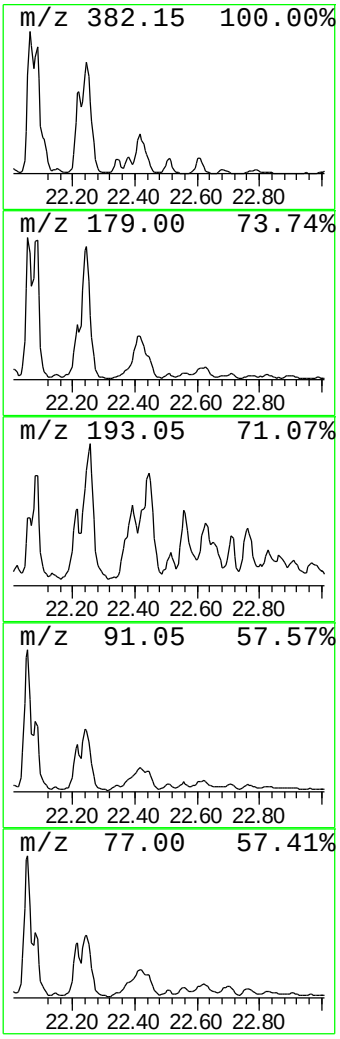
Peak Number 17 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	2.22 ng/ul	140620	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,11-Dihydroxy-3,8-dimethoxy-1-m...	382	C20H14O8	033390-21-5	27
2	4,6-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000616-72-8	11
3	7-Chloro-4-hydroxyquinoline	179	C9H6ClNO	000086-99-7	11
4	2,4-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000603-02-1	11
5	Pyrazolo[1,5-a]pyrimidine, 6-[2-...	381	C19H16ClN5S	1000266-54-8	11





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Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

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Quant Title : SVOA CALIBRATION

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

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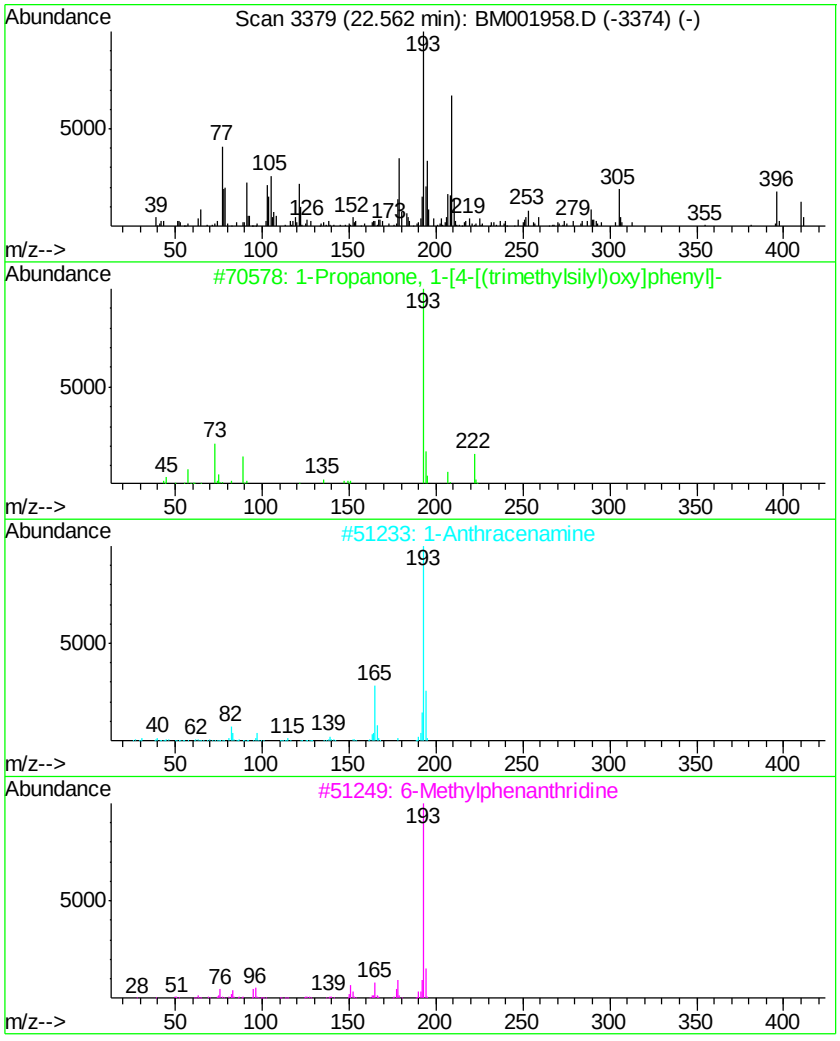
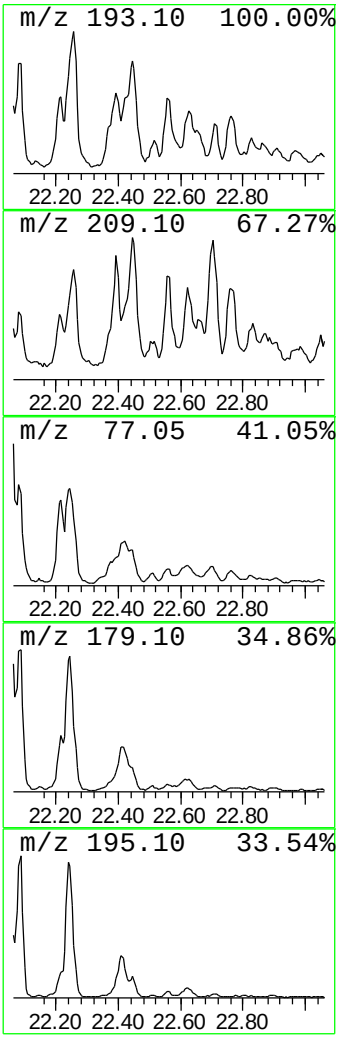
Peak Number 18 unknown-06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	3.52 ng/ul	222245	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-[4-[(trimethylsil...	222	C12H18O2Si	033342-89-1	38
2	1-Anthracenamine	193	C14H11N	000610-49-1	35
3	6-Methylphenanthridine	193	C14H11N	003955-65-5	35
4	Benzene, 1,1',1'',1'''-(1,5-hexa...	386	C30H26	034293-21-5	35
5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	35





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Quant Title : SVOA CALIBRATION

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

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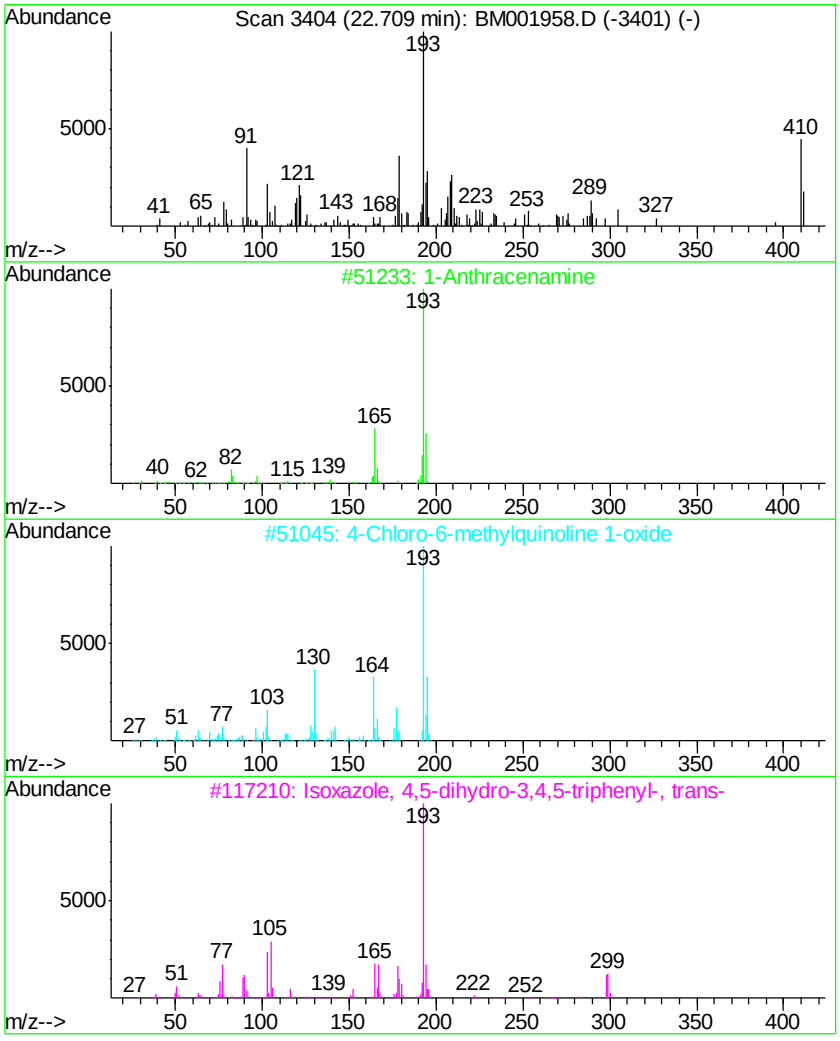
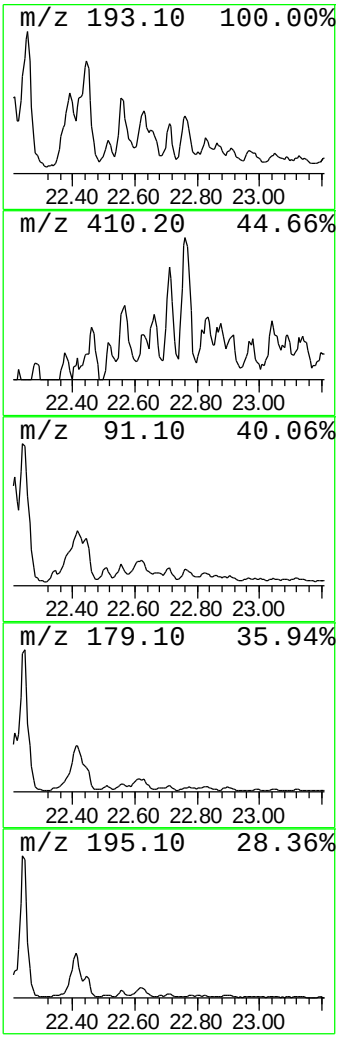
Peak Number 19 unknown-07 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	2.56 ng/ul	162017	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Anthracenamine	193	C14H11N	000610-49-1	38
2	4-Chloro-6-methylquinoline 1-oxide	193	C10H8ClNO	046154-86-3	38
3	Isoxazole, 4,5-dihydro-3,4,5-tri...	299	C21H17NO	004894-25-1	35
4	6-Methylphenanthridine	193	C14H11N	003955-65-5	35
5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	35





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

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Quant Title : SVOA CALIBRATION

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

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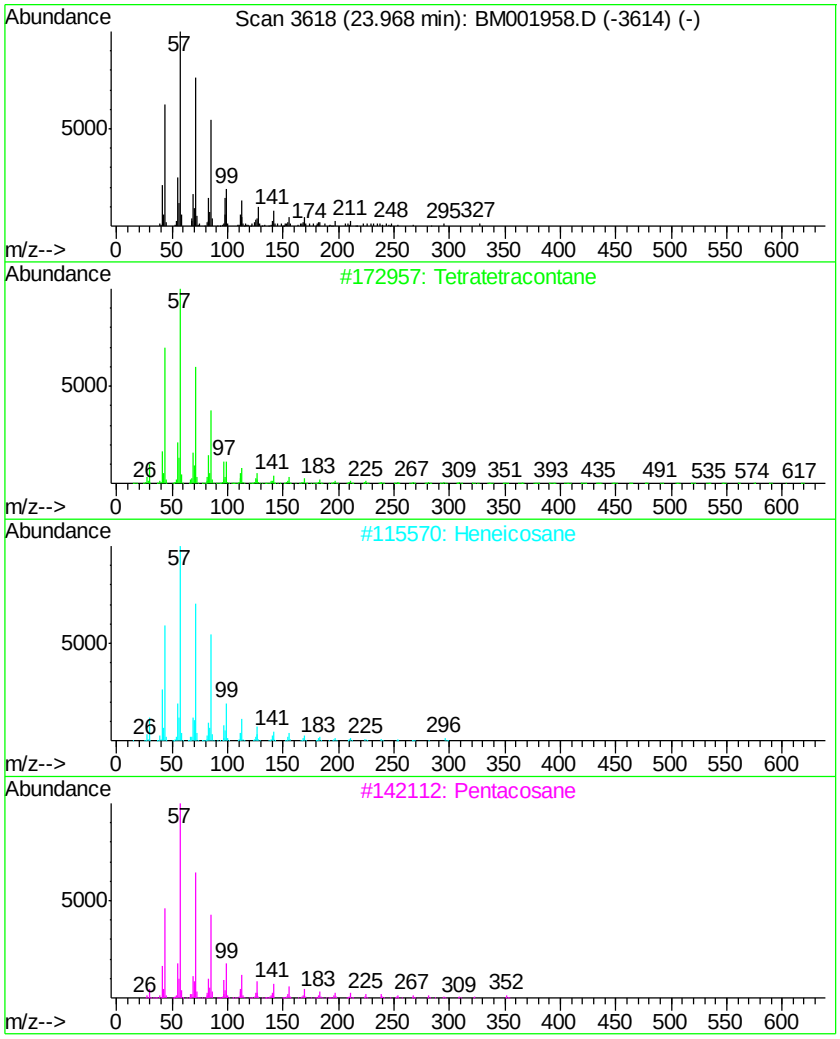
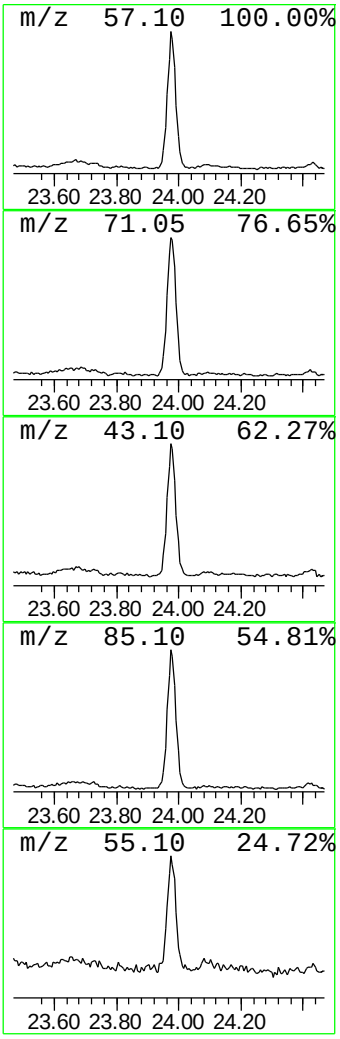
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	6.24 ng/ul	394499	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





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Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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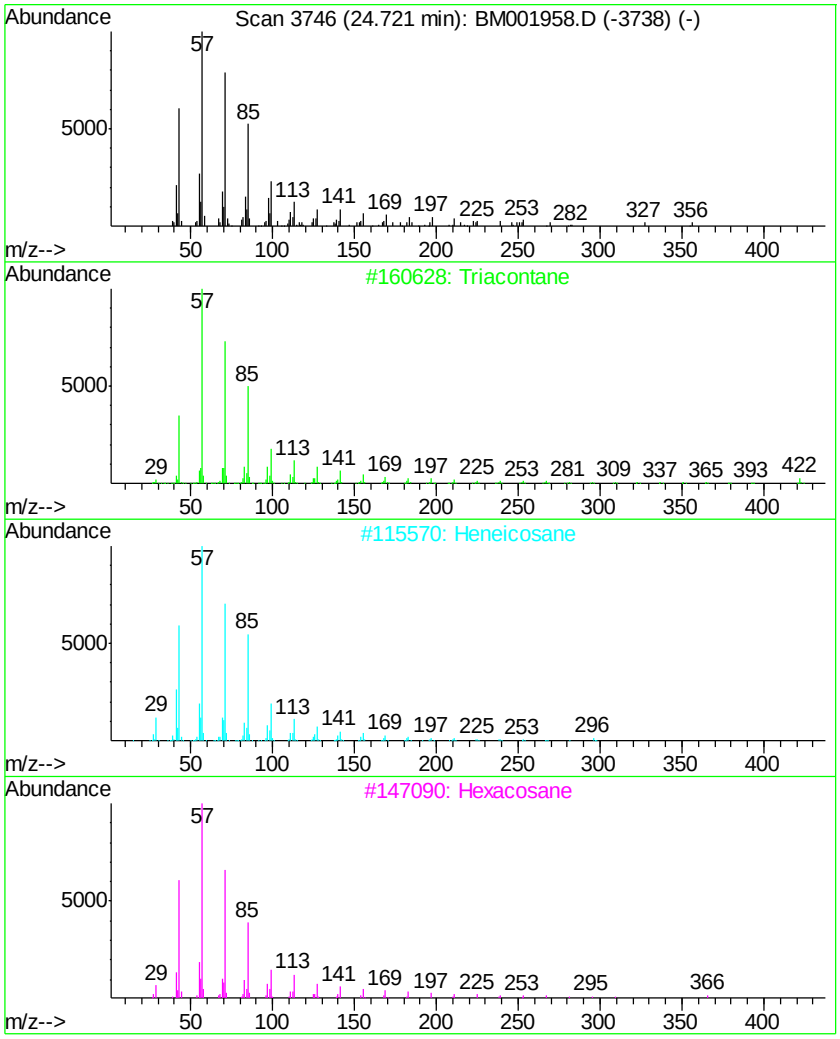
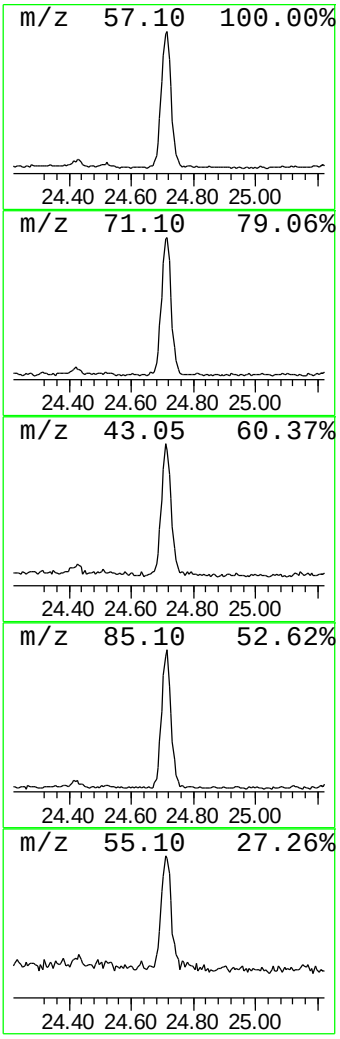
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	5.04 ng/ul	318653	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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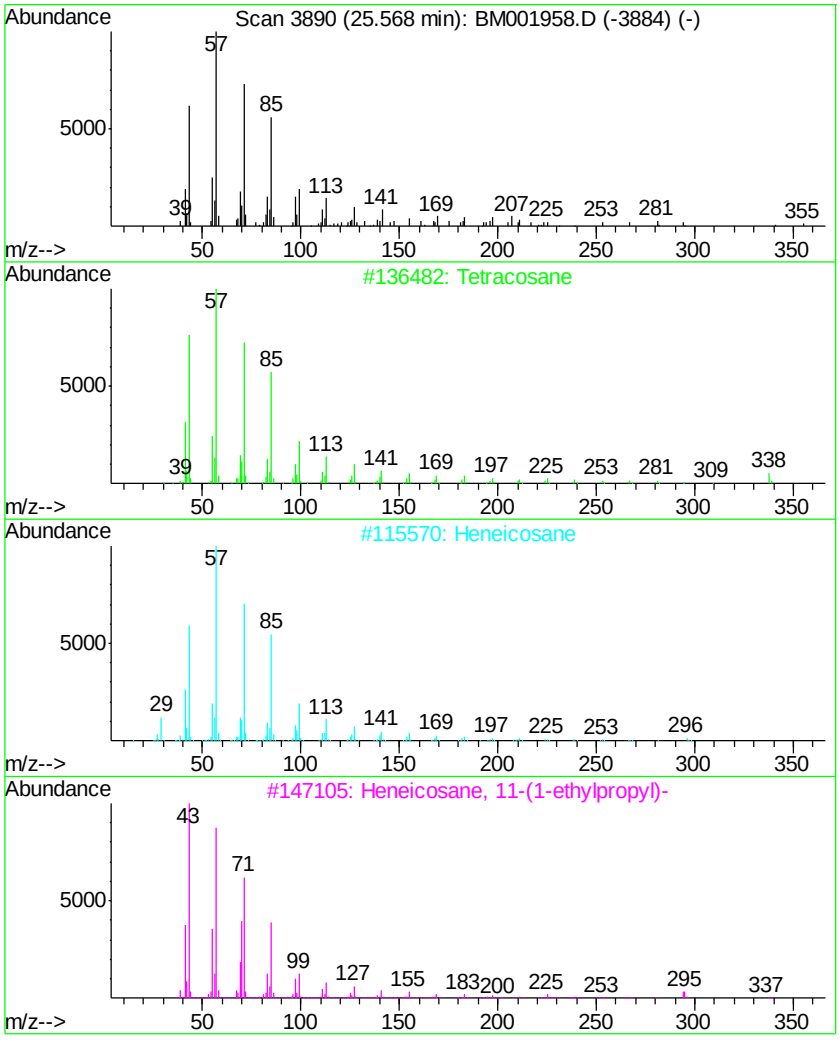
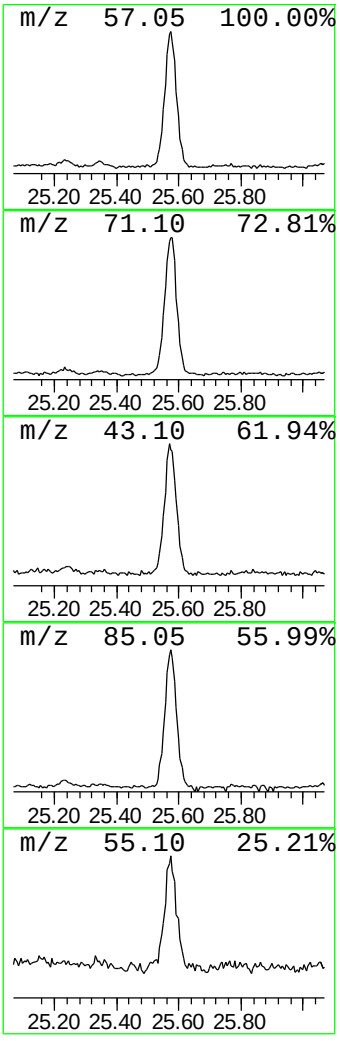
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	4.91 ng/ul	310106	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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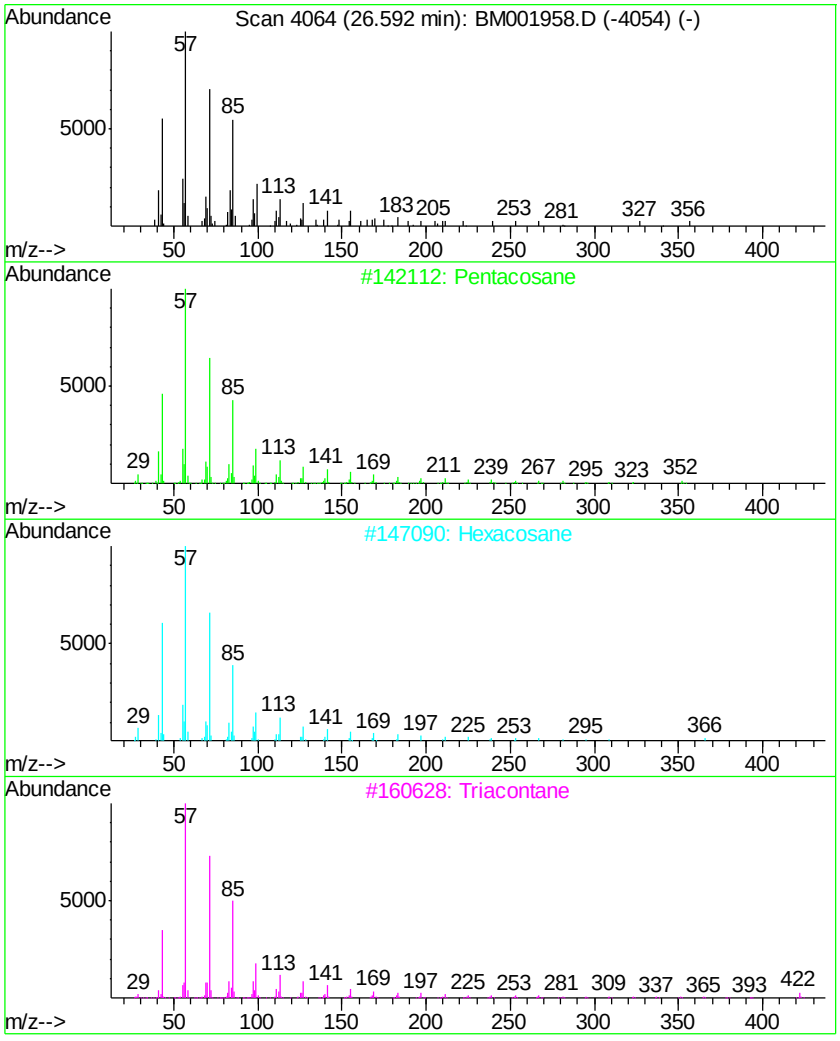
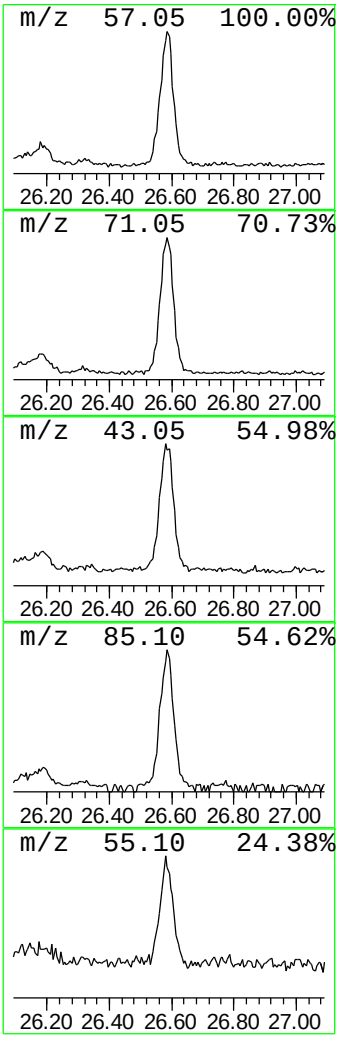
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.59	3.76 ng/ul	237453	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

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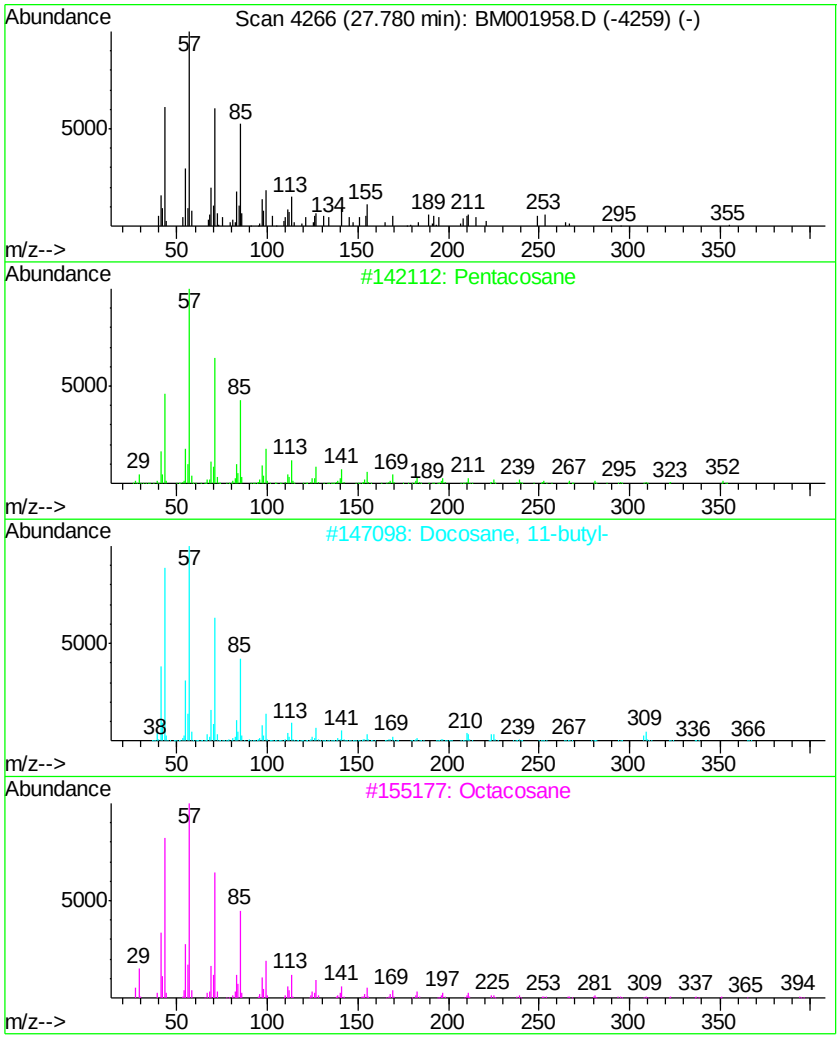
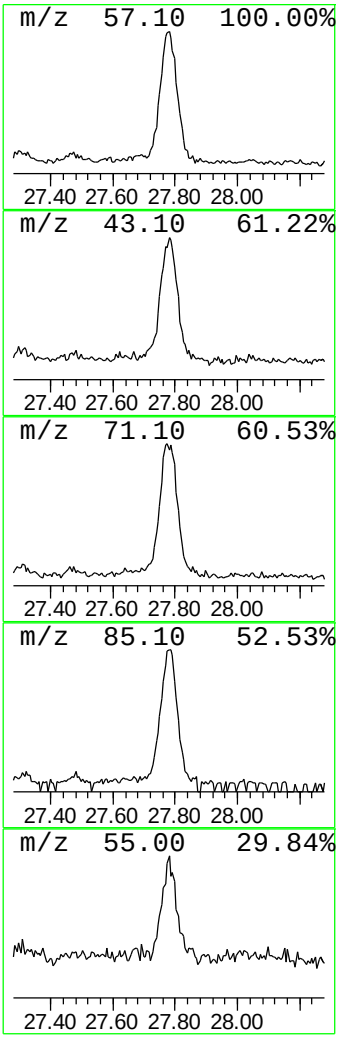
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.78	2.93 ng/ul	184913	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tetratriacontane	479	C34H70	014167-59-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	87.9	ng/ul	2112380	1	7.65	480796	20.0
Methyl Isobutyl K...	3.47	21.0	ng/ul	504168	1	7.65	480796	20.0
n-Hexadecanoic acid	17.95	3.9	ng/ul	237840	4	17.06	1214520	20.0
1,3-Propanedione,...	19.00	3.6	ng/ul	217377	4	17.06	1214520	20.0
Phosphoric acid, ...	21.41	2.2	ng/ul	178970	5	21.25	1597300	20.0
Phosphoric acid, ...	21.76	32.8	ng/ul	2622570	5	21.25	1597300	20.0
unknown-01	21.84	3.5	ng/ul	277721	5	21.25	1597300	20.0
Phosphoric acid, ...	21.90	59.3	ng/ul	4738550	5	21.25	1597300	20.0
unknown-02	21.99	3.9	ng/ul	310040	5	21.25	1597300	20.0
unknown-03	22.08	15.7	ng/ul	1256330	5	21.25	1597300	20.0
Acridine-N-oxide	22.24	27.8	ng/ul	2222820	5	21.25	1597300	20.0
unknown-04	22.42	17.5	ng/ul	1104240	6	23.47	1264160	20.0
unknown-05	22.51	2.2	ng/ul	140620	6	23.47	1264160	20.0
unknown-06	22.56	3.5	ng/ul	222245	6	23.47	1264160	20.0
unknown-07	22.71	2.6	ng/ul	162017	6	23.47	1264160	20.0
(DEL) Alkane: Str...	23.97	6.2	ng/ul	394499	6	23.47	1264160	20.0
(DEL) Alkane: Str...	24.72	5.0	ng/ul	318653	6	23.47	1264160	20.0
(DEL) Alkane: Str...	25.57	4.9	ng/ul	310106	6	23.47	1264160	20.0
(DEL) Alkane: Str...	26.59	3.8	ng/ul	237453	6	23.47	1264160	20.0
(DEL) Alkane: Str...	27.78	2.9	ng/ul	184913	6	23.47	1264160	20.0