LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

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\SOM02.2-EPA-BM030316.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	2.787	14	17	24	rVB	17318	21667	2.78%	0.155%
2	6.840	700	706	716	rBV	66156	119362	15.29%	0.854%
3	6.934	716	722	732	rVB	61799	94574	12.12%	0.677%
4	7.151	754	759	768	rBB	88242	135072	17.31%	0.967%
5	7.592	828	834	841	rBB	119376	181607	23.27%	1.300%
6	8.357	959	964	972	rBV	99636	176736	22.64%	1.265%
7	8.757	1026	1032	1039	rBV	78832	127517	16.34%	0.913%
8	9.475	1148	1154	1162	rBB	73109	112858	14.46%	0.808%
9	10.069	1249	1255	1271	rBB	99333	193611	24.81%	1.386%
10	10.380	1299	1308	1312	rBV	196494	326103	41.78%	2.334%
11	10.428	1312	1316	1323	rVB	55285	87345	11.19%	0.625%
12	10.533	1328	1334	1351	rBV	82238	147023	18.84%	1.052%
13	12.051	1587	1592	1598	rBB	21512	32579	4.17%	0.233%
14	12.274	1625	1630	1635	rBB	11793	18074	2.32%	0.129%
15	13.069	1761	1765	1772	rBB2	6600	11622	1.49%	0.083%
16	13.280	1797	1801	1808	rBB	5200	8701	1.11%	0.062%
17	13.410	1819	1823	1825	rBV2	10154	13872	1.78%	0.099%
18	13.574	1846	1851	1856	rBV	12506	19838	2.54%	0.142%
19	13.627	1856	1860	1863	rVV	9449	12720	1.63%	0.091%
20	13.674	1863	1868	1872	rVV	234734	332102	42.55%	2.377%
21	13.716	1872	1875	1882	rVB	98606	130848	16.76%	0.937%
22	13.951	1908	1915	1925	rBB	282163	433308	55.52%	3.102%
23	14.151	1945	1949	1953	rBB	16749	20123	2.58%	0.144%
24	14.257	1959	1967	1973	rBV2	313471	481762	61.72%	3.449%
25	14.321	1973	1978	1985	rVB	77793	108620	13.92%	0.778%
26	14.480	1997	2005	2010	rBB3	7555	15147	1.94%	0.108%
27	14.657	2030	2035	2040	rBV2	41162	76447	9.79%	0.547%
28	14.698	2040	2042	2047	rVV3	13230	22329	2.86%	0.160%
29	14.768	2051	2054	2061	rVB2	5914	10405	1.33%	0.074%
30	15.051	2096	2102	2106	rBV2	4655	9772	1.25%	0.070%
31	15.110	2106	2112	2116	rVB3	24636	32387	4.15%	0.232%
32	15.257	2131	2137	2142	rBV	392572	547099	70.09%	3.916%
33	15.310	2142	2146	2158	rVB	55171	84883	10.88%	0.608%
34	15.415	2158	2164	2171	rBV2	85371	145087	18.59%	1.039%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

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\SOM02.2-EPA-BM030316.M
Title : SVOA CALIBRATION

35	15.474	2171	2174	2178	rVV2	12837	23056	2.95%	0.165%
36	15.521	2179	2182	2185	rVV3	10542	16163	2.07%	0.116%
37	15.557	2185	2188	2192	rVV4	10736	16409	2.10%	0.117%
38	15.610	2192	2197	2202	rVB2	10039	16392	2.10%	0.117%
39	15.757	2219	2222	2229	rVB2	10680	18358	2.35%	0.131%
40	15.857	2230	2239	2240	rBV2	8103	14598	1.87%	0.105%
41	15.874	2240	2242	2253	rVB2	13768	25361	3.25%	0.182%
42	15.974	2254	2259	2261	rBV	23149	32316	4.14%	0.231%
43	16.104	2275	2281	2287	rBV4	4647	12528	1.61%	0.090%
44	16.315	2307	2317	2322	rBV3	15603	31858	4.08%	0.228%
45	16.374	2323	2327	2332	rVV3	10278	14569	1.87%	0.104%
46	16.468	2340	2343	2349	rVB3	7477	10187	1.31%	0.073%
47	16.680	2374	2379	2384	rVB4	5000	8816	1.13%	0.063%
48	16.762	2386	2393	2397	rBV4	25598	44399	5.69%	0.318%
49	16.833	2400	2405	2411	rVB	22081	35589	4.56%	0.255%
50	17.015	2429	2436	2439	rBV	399293	571282	73.19%	4.090%
51	17.057	2439	2443	2448	rVV	415782	569276	72.94%	4.075%
52	17.115	2448	2453	2456	rVV	421140	610177	78.18%	4.368%
53	17.145	2456	2458	2464	rVB	131090	165966	21.26%	1.188%
54	17.215	2464	2470	2474	rBV3	14456	27996	3.59%	0.200%
55	17.286	2479	2482	2488	rVV6	4852	11295	1.45%	0.081%
56	17.427	2499	2506	2513	rBV	46536	81851	10.49%	0.586%
57	17.504	2516	2519	2521	rVB2	8956	7938	1.02%	0.057%
58	17.592	2531	2534	2539	rBV	7106	13986	1.79%	0.100%
59	17.739	2556	2559	2564	rVB3	5605	9262	1.19%	0.066%
60	17.886	2580	2584	2588	rBV	52678	79134	10.14%	0.566%
61	17.939	2588	2593	2599	rVV	78475	124030	15.89%	0.888%
62	18.021	2603	2607	2612	rVV	31412	49209	6.30%	0.352%
63	18.086	2612	2618	2622	rVV3	78446	140490	18.00%	1.006%
64	18.121	2622	2624	2633	rVB	36907	49957	6.40%	0.358%
65	18.203	2634	2638	2641	rBV4	11813	17335	2.22%	0.124%
66	18.392	2667	2670	2674	rVB	31267	38433	4.92%	0.275%
67	18.639	2709	2712	2718	rVB	14997	20915	2.68%	0.150%
68	18.698	2719	2722	2725	rVB	13938	14672	1.88%	0.105%
69	18.739	2726	2729	2732	rVB2	9648	11151	1.43%	0.080%
70	18.815	2738	2742	2748	rBV2	32995	64030	8.20%	0.458%
71	18.962	2763	2767	2773	rBV6	13069	33309	4.27%	0.238%

LSC Area Percent Report

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Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

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\SOM02.2-EPA-BM030316.M
Title : SVOA CALIBRATION

72	19.086	2783	2788	2795	rVB	430139	577401	73.98%	4.133%
73	19.421	2840	2845	2848	rBV2	495419	743069	95.20%	5.319%
74	19.450	2848	2850	2859	rVV	370385	486175	62.29%	3.480%
75	19.527	2859	2863	2869	rVB2	29778	52613	6.74%	0.377%
76	19.956	2932	2936	2941	rVB	95416	133001	17.04%	0.952%
77	20.050	2949	2952	2956	rVB	85458	105461	13.51%	0.755%
78	20.109	2958	2962	2966	rVV2	59703	81726	10.47%	0.585%
79	20.250	2984	2986	2989	rBV	20350	21953	2.81%	0.157%
80	20.297	2990	2994	2999	rVV	115847	144592	18.53%	1.035%
81	20.909	3095	3098	3100	rBV	27433	34101	4.37%	0.244%
82	21.227	3145	3152	3156	rBV2	417299	780511	100.00%	5.587%
83	21.262	3156	3158	3166	rVB	164335	190187	24.37%	1.361%
84	21.474	3190	3194	3195	rBV2	85286	103224	13.23%	0.739%
85	21.527	3200	3203	3206	rVB	80407	86233	11.05%	0.617%
86	21.592	3211	3214	3224	rVB	108457	159420	20.43%	1.141%
87	21.692	3226	3231	3234	rBV	264396	485751	62.23%	3.477%
88	21.786	3243	3247	3251	rVB2	171518	227619	29.16%	1.629%
89	21.891	3261	3265	3267	rBV	112472	145853	18.69%	1.044%
90	21.921	3267	3270	3275	rVB2	114801	150775	19.32%	1.079%
91	22.068	3291	3295	3299	rVB	98095	135666	17.38%	0.971%
92	22.262	3325	3328	3333	rVB	154508	208830	26.76%	1.495%
93	22.368	3342	3346	3351	rVB	134390	178440	22.86%	1.277%
94	22.786	3412	3417	3421	rBV	103747	226759	29.05%	1.623%
95	23.250	3492	3496	3499	rBV	72417	129379	16.58%	0.926%
96	23.303	3500	3505	3509	rVV	229550	465593	59.65%	3.333%
97	23.344	3509	3512	3522	rVB	129443	225660	28.91%	1.615%
98	23.444	3523	3529	3534	rBV2	200287	365727	46.86%	2.618%

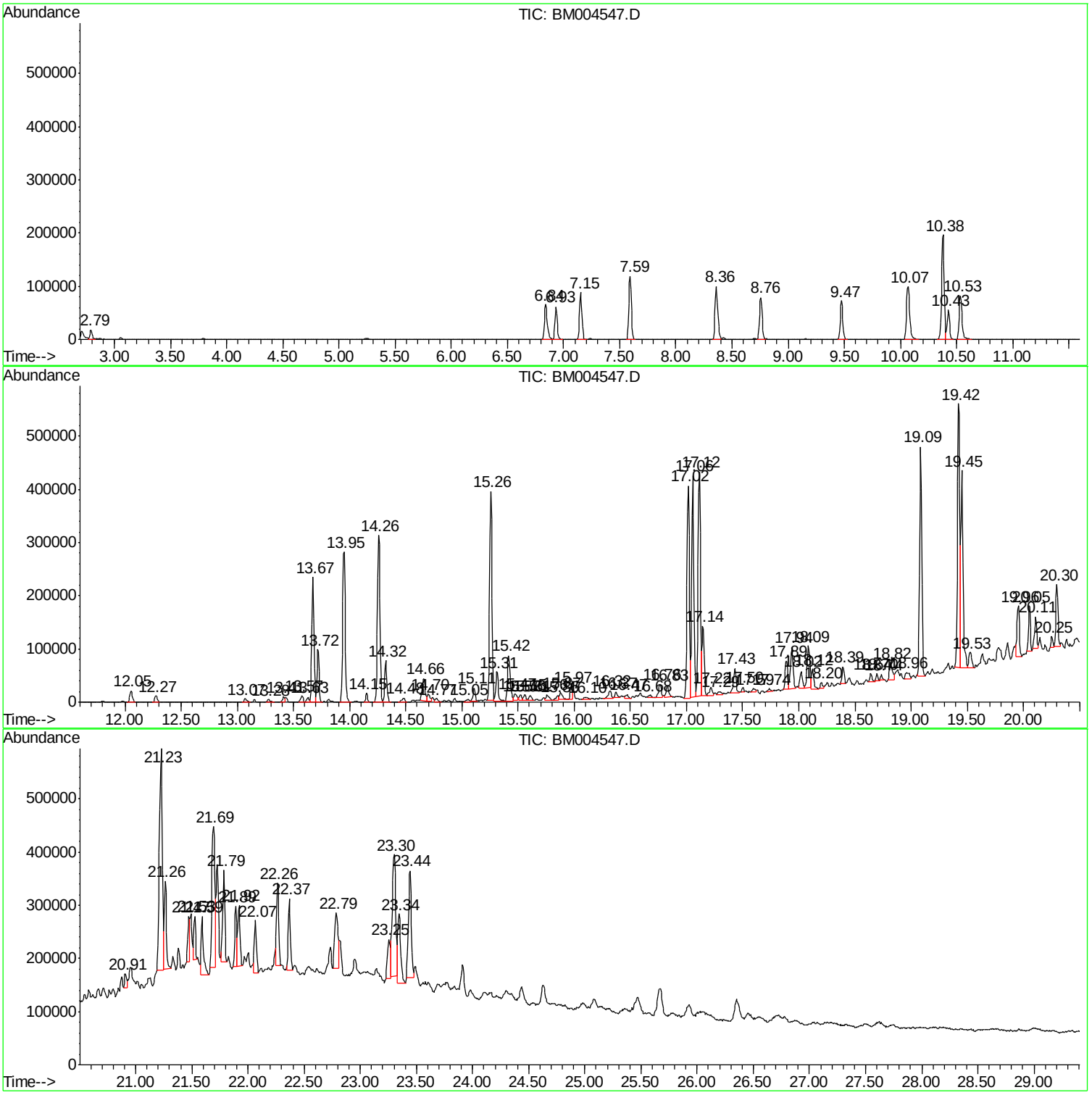
Sum of corrected areas: 13969212

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

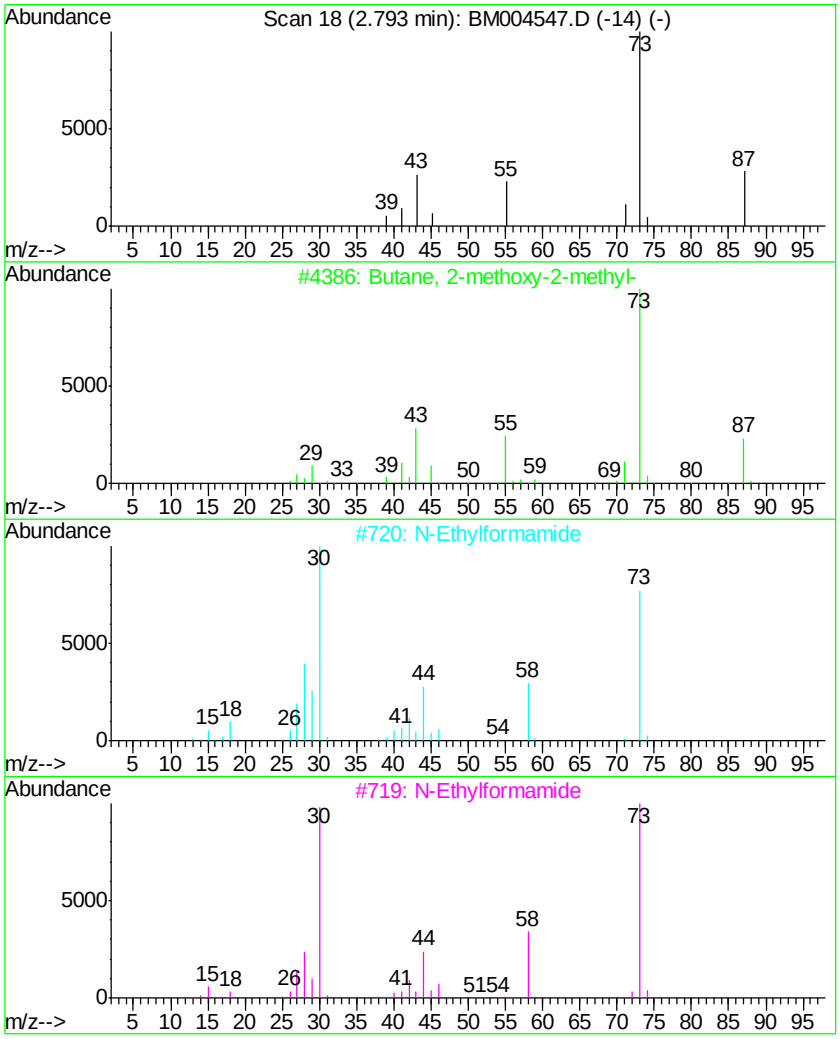
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

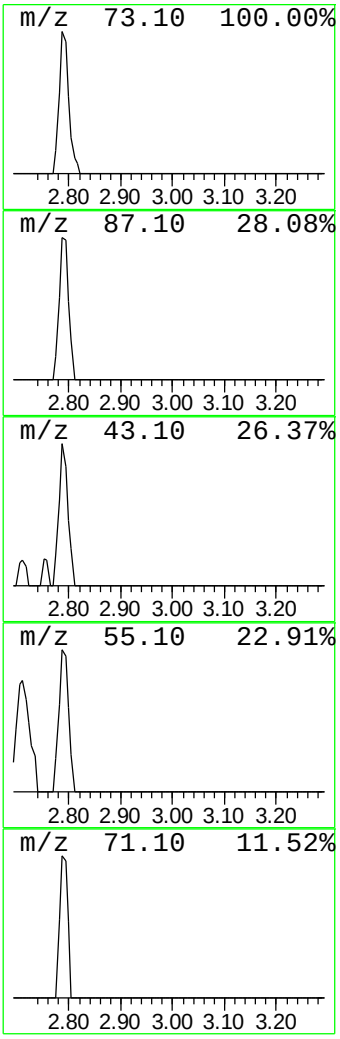
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	2.39 ng/ul	21667	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	N-Ethylformamide	73	C3H7NO	000627-45-2	4
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	4





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

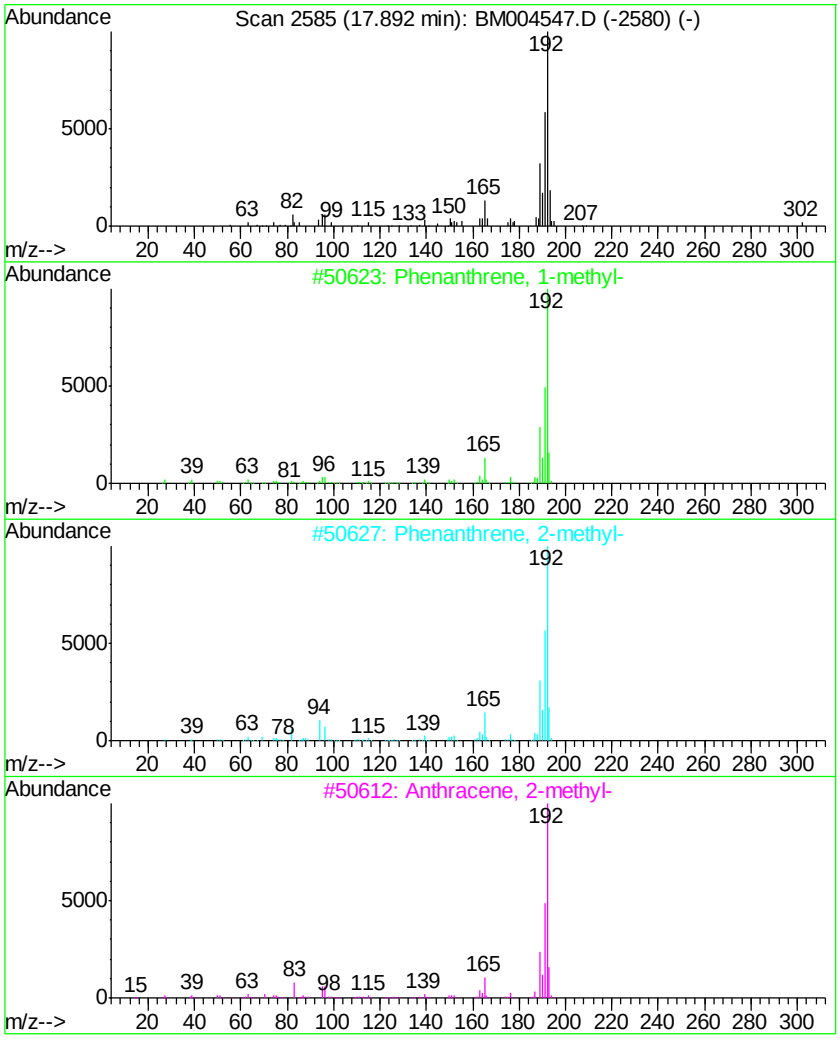
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

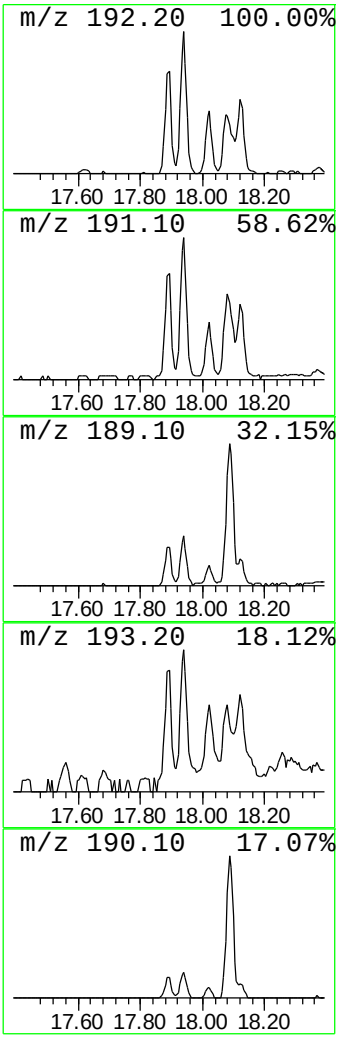
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.77 ng/ul	79134	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

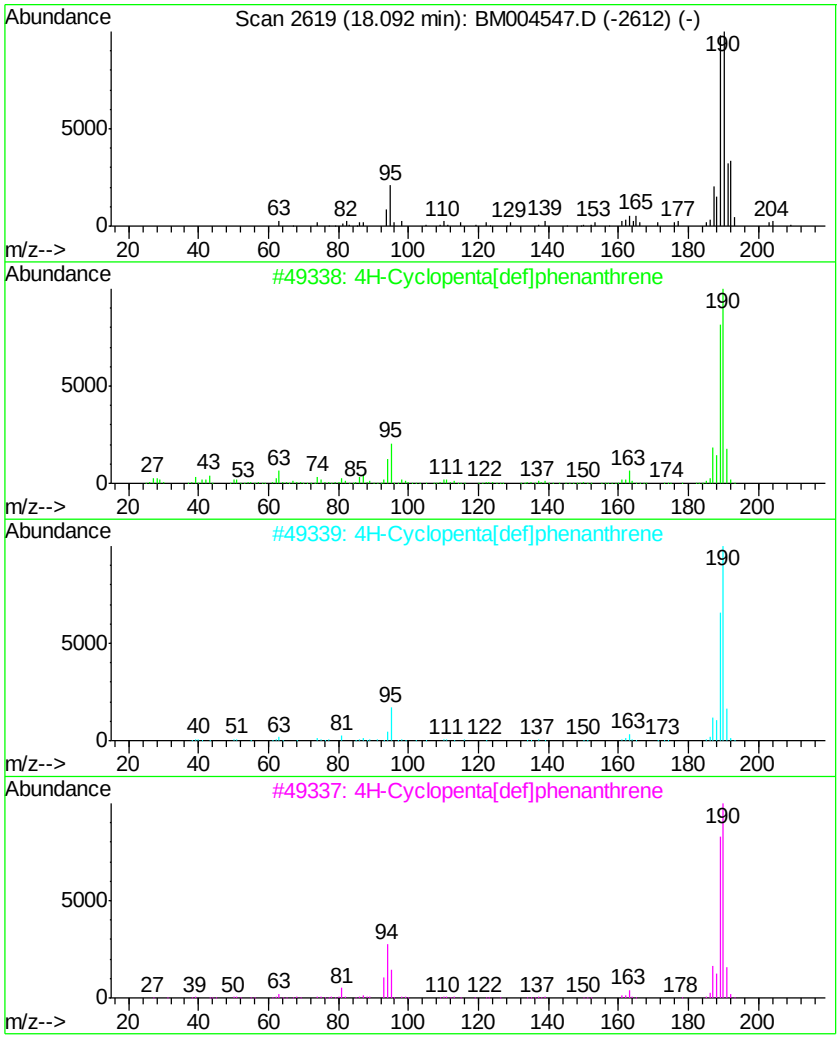
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

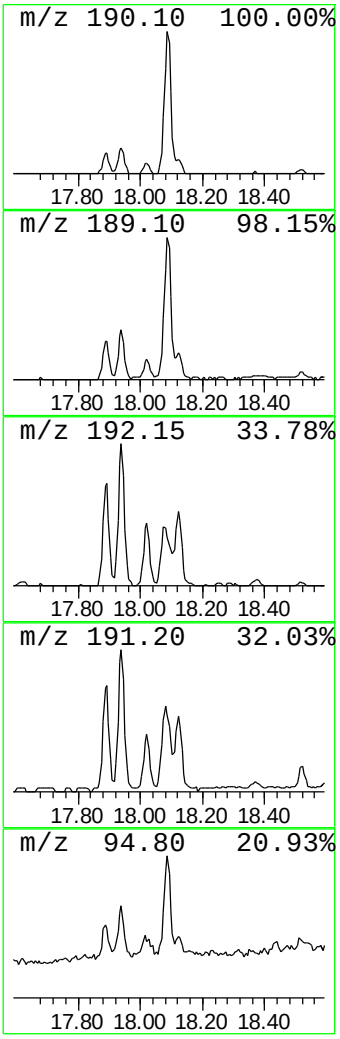
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.92 ng/ul	140490	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

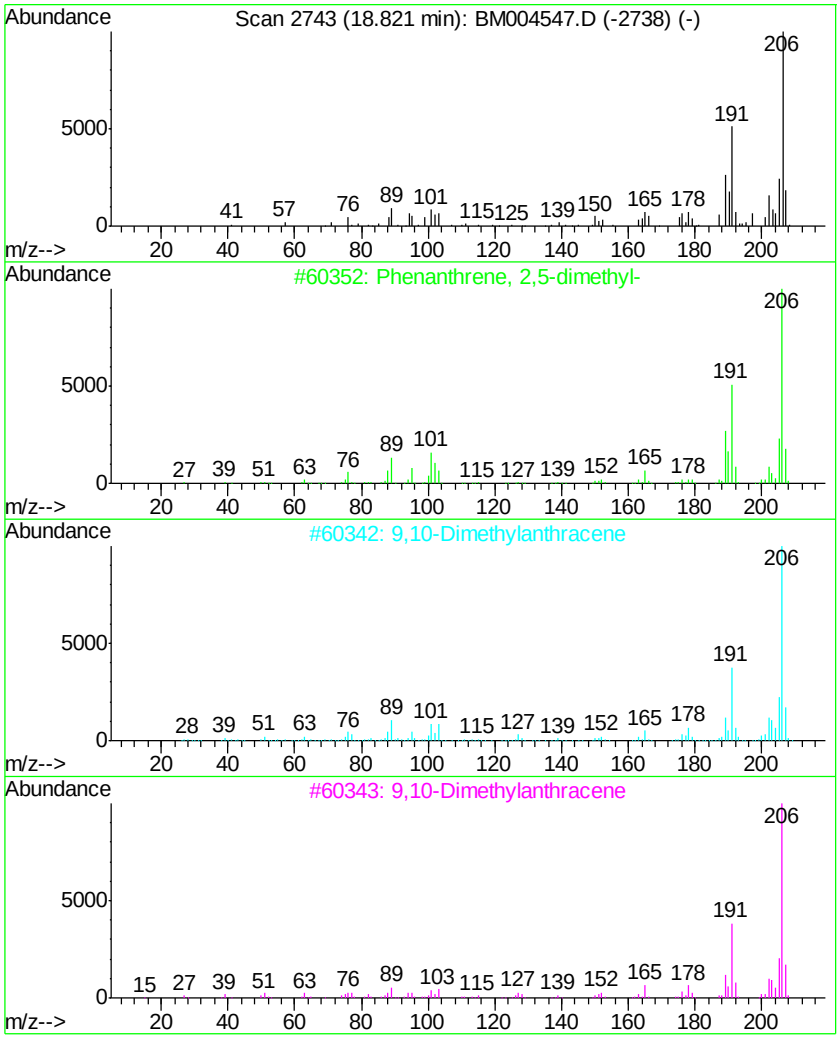
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

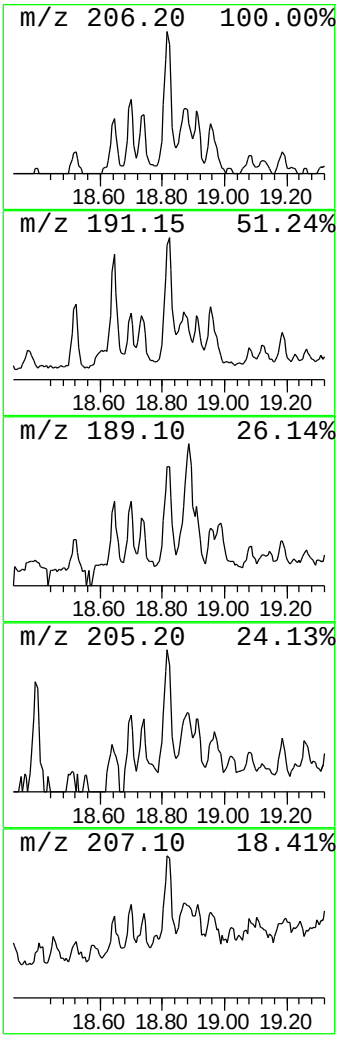
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.24 ng/ul	64030	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

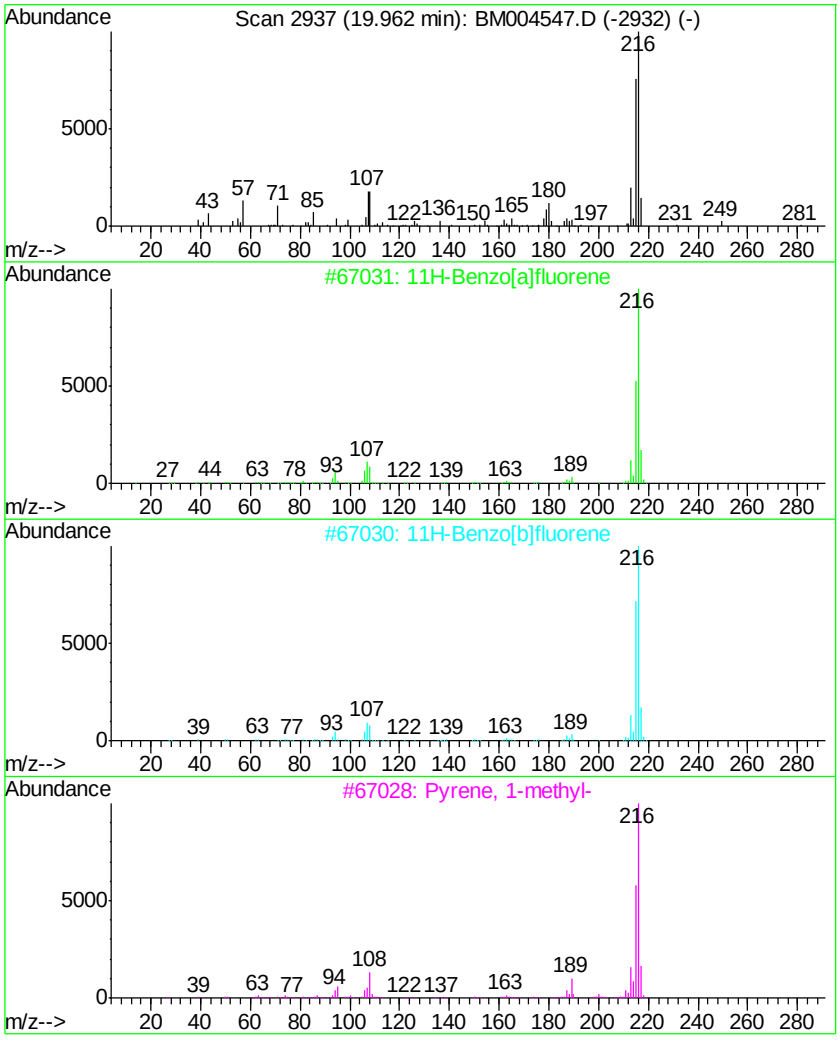
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

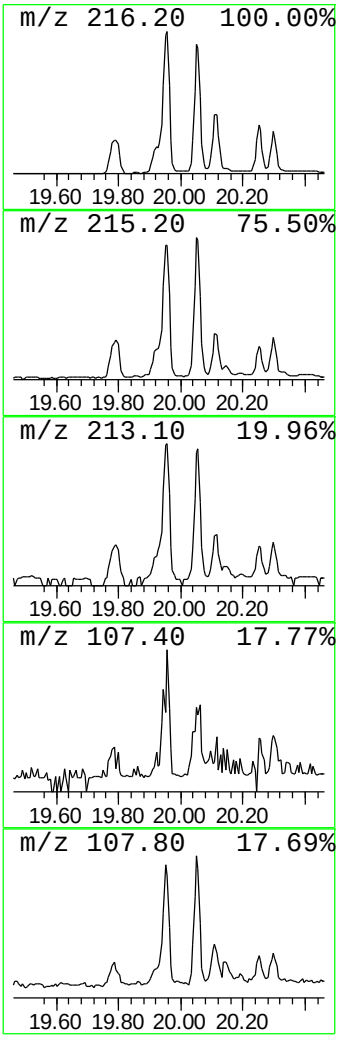
****

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	3.41 ng/ul	133001	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

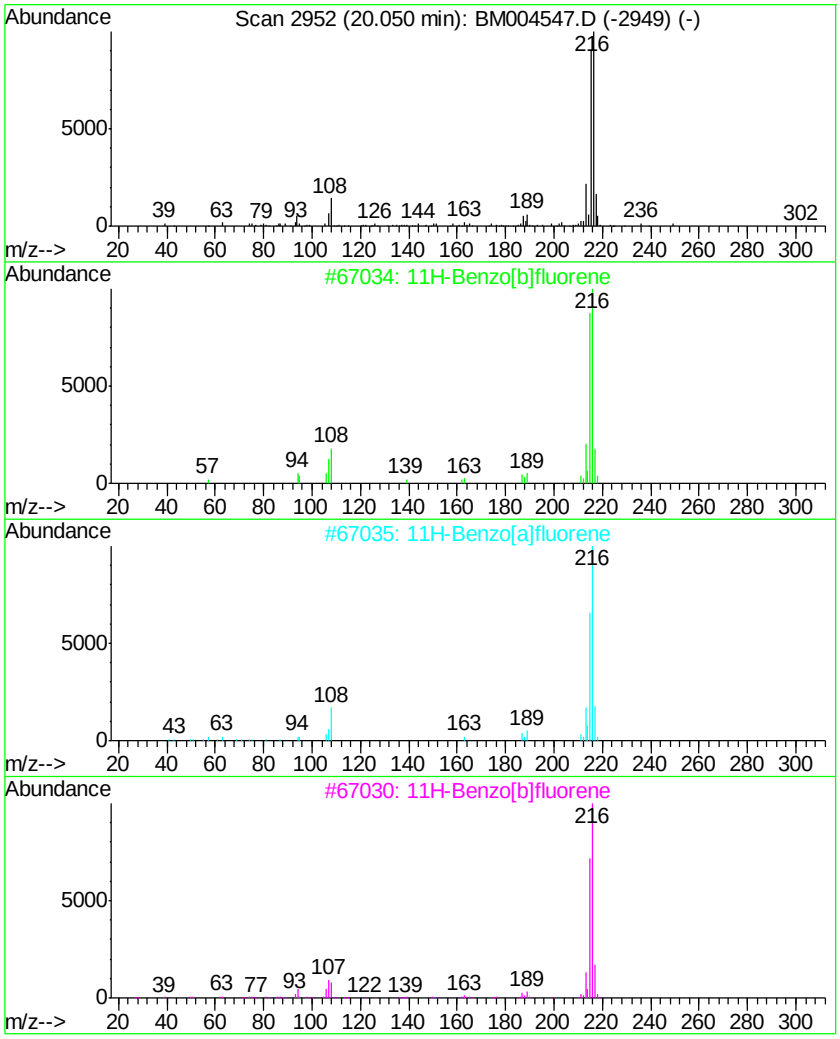
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

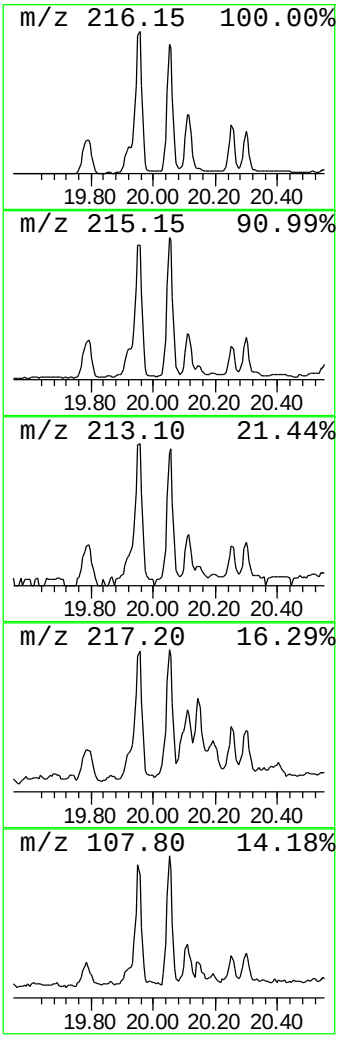
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.70 ng/ul	105461	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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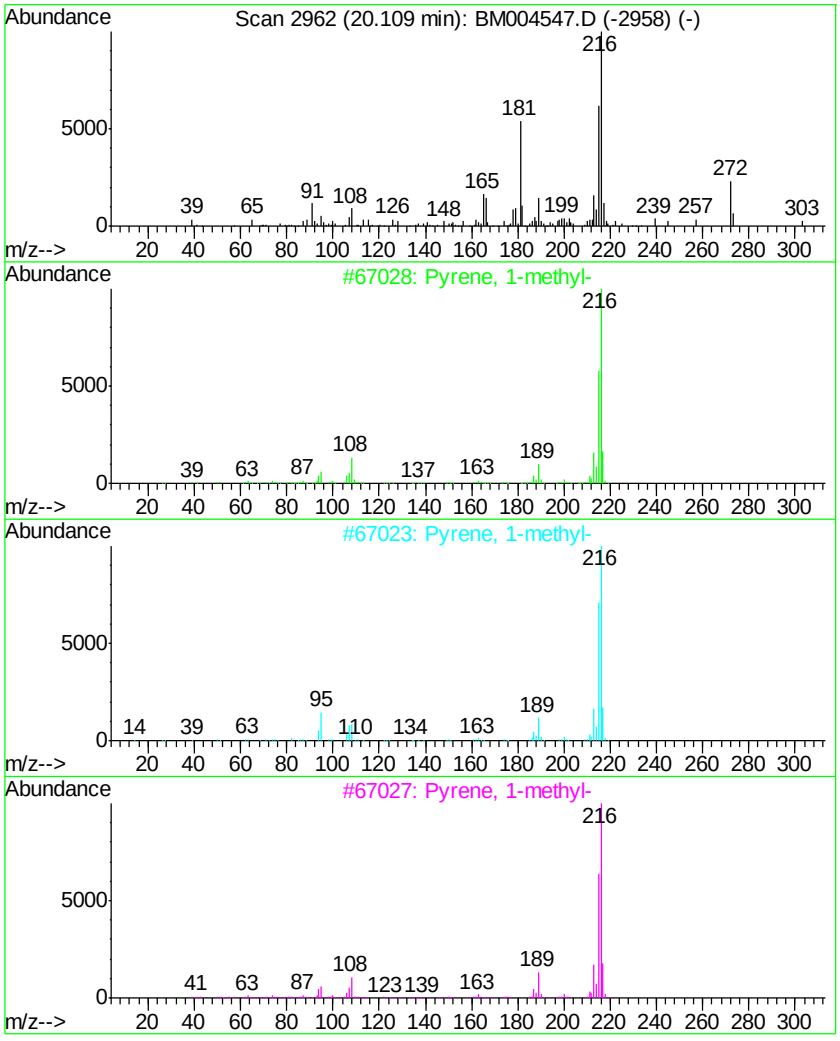
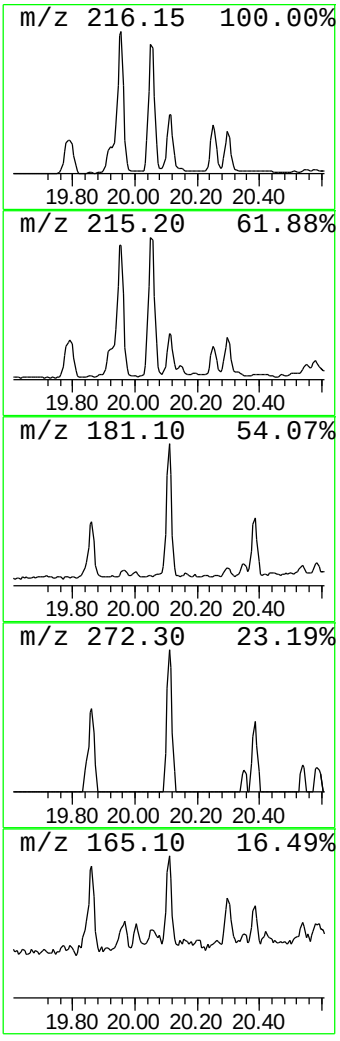
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.09 ng/ul	81726	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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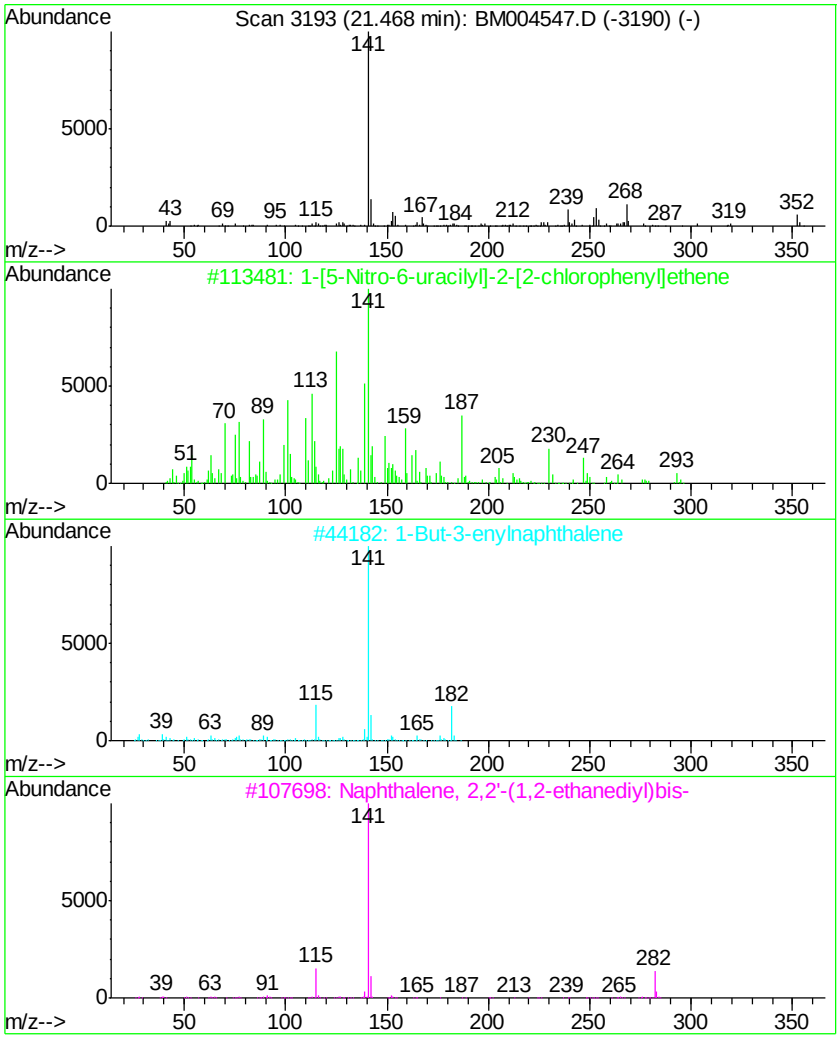
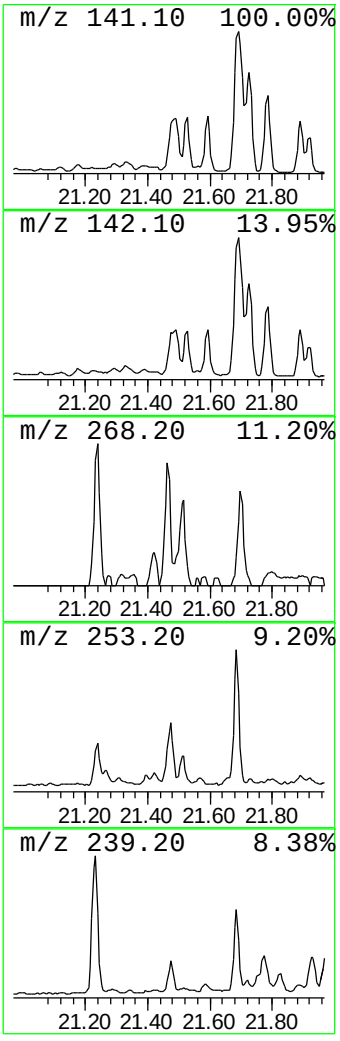
Peak Number 10 1-[5-Nitro-6-uracilyl]-2-[2... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.65 ng/ul	103224	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	53
2	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	45
3	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	45
4	Razoxane	268	C11H16N4O4	021416-87-5	39
5	Benzeneethanamine, N-trifluoroac...	267	C10H9F4NO3	059043-77-5	38





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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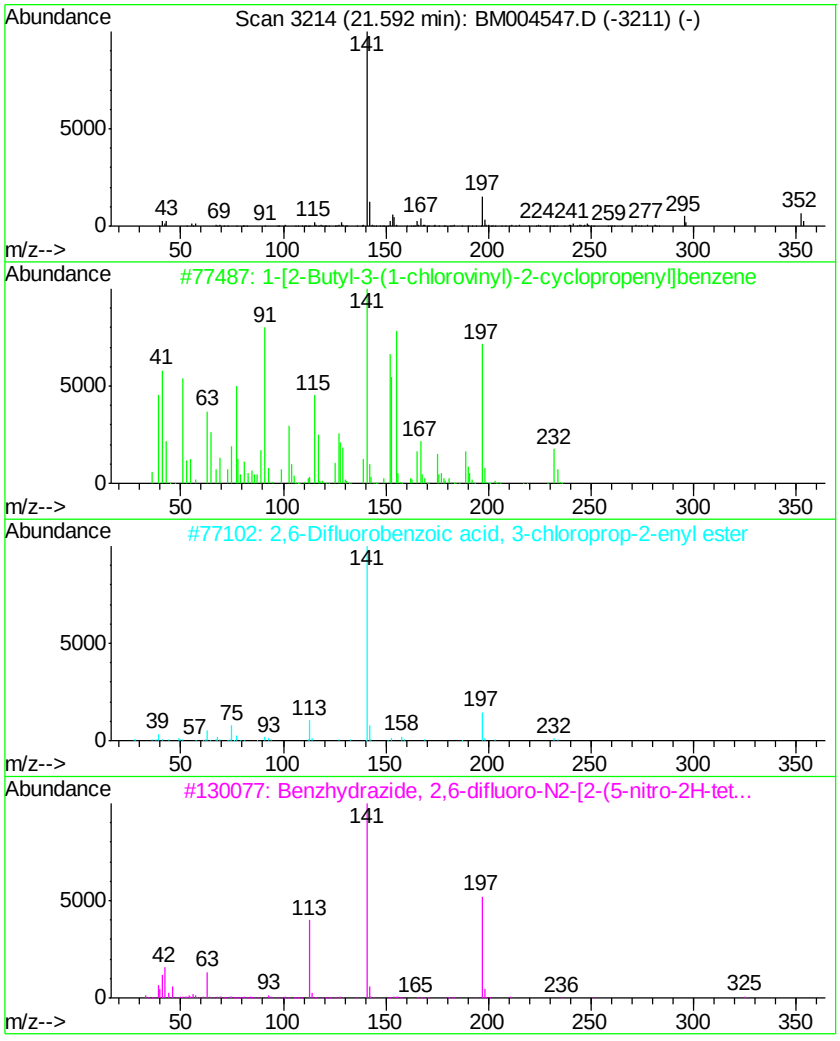
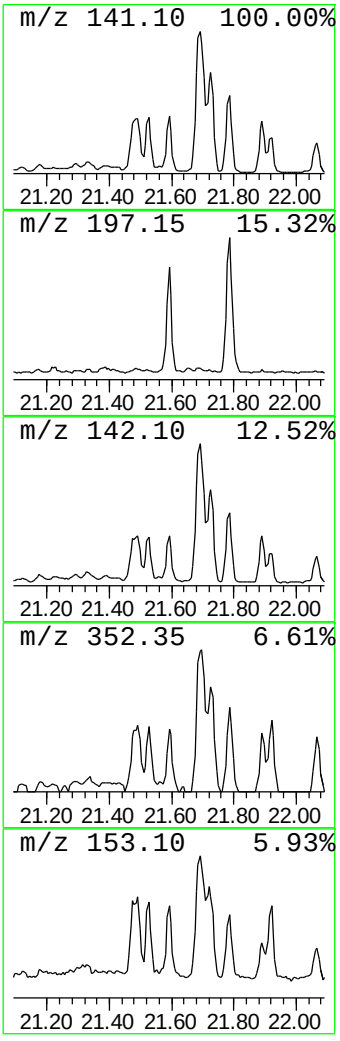
Peak Number 12 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	4.09 ng/ul	159420	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[2-Butyl-3-(1-chlorovinyl)-2-c...	232	C15H17Cl	1000261-30-1	45
2	2,6-Difluorobenzoic acid, 3-chlo...	232	C10H7ClF2O2	1000292-59-0	9
3	Benzhydrazide, 2,6-difluoro-N2-[...	325	C11H9F2N7O3	350700-25-3	9
4	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	001953-33-9	9
5	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9





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Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

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Quant Title : SVOA CALIBRATION

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

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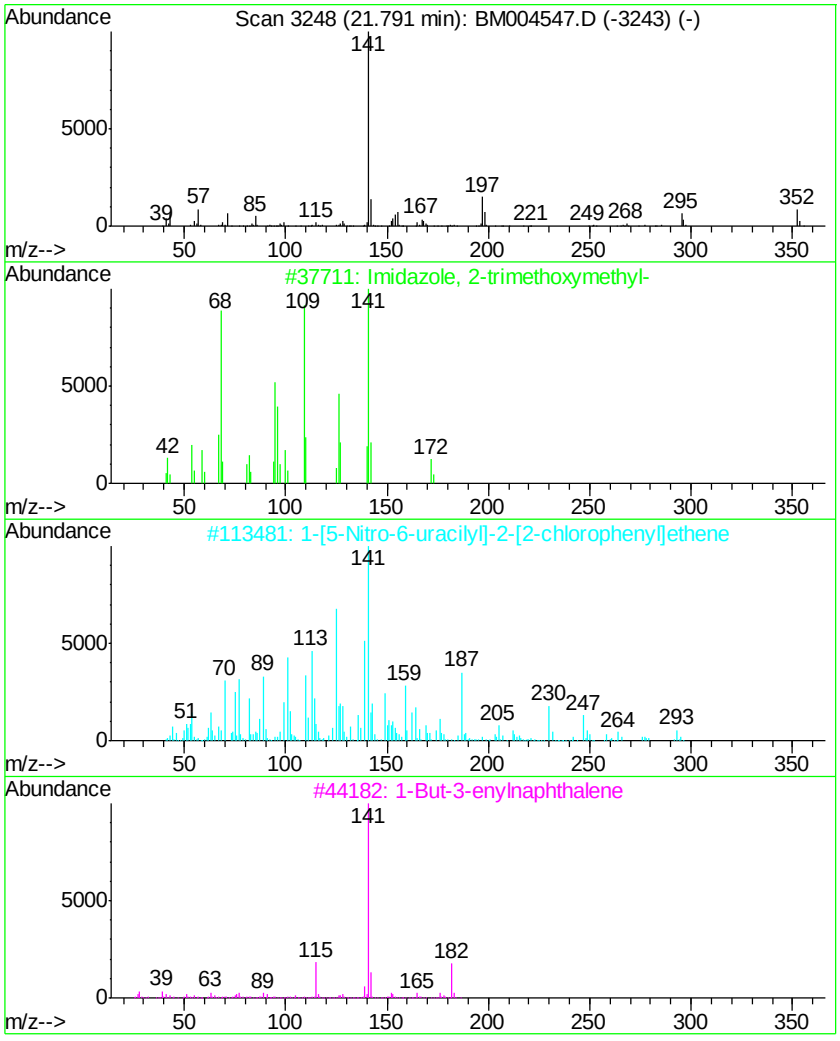
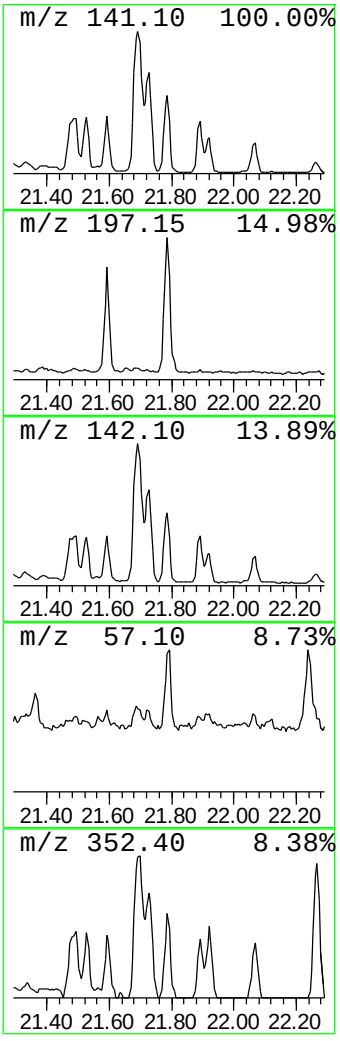
Peak Number 14 Imidazole, 2-trimethoxymethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	5.83 ng/ul	227619	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2-trimethoxymethyl-	172	C7H12N2O3	070631-96-8	53
2	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	47
3	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	42
4	2,6-Difluorobenzoic acid, 4-meth...	242	C13H16F2O2	1000293-47-8	36
5	2-Amino-3-naphthalen-2-ylpropion...	215	C13H13NO2	099631-78-4	28





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Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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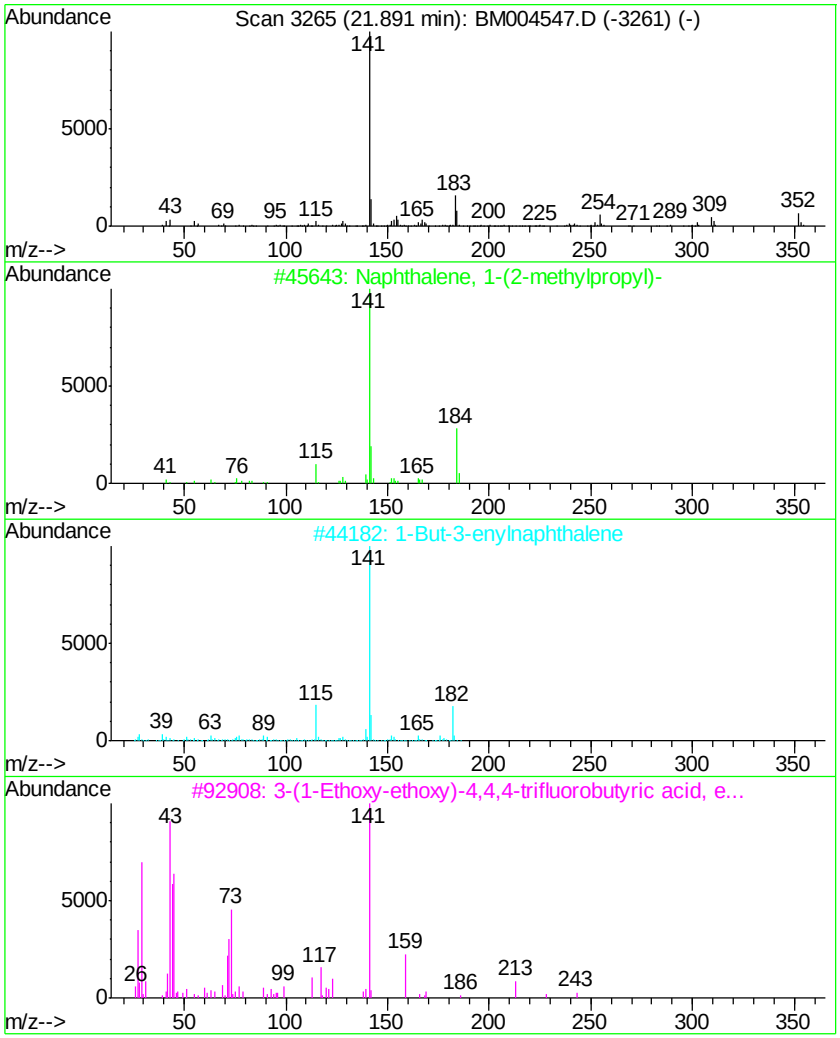
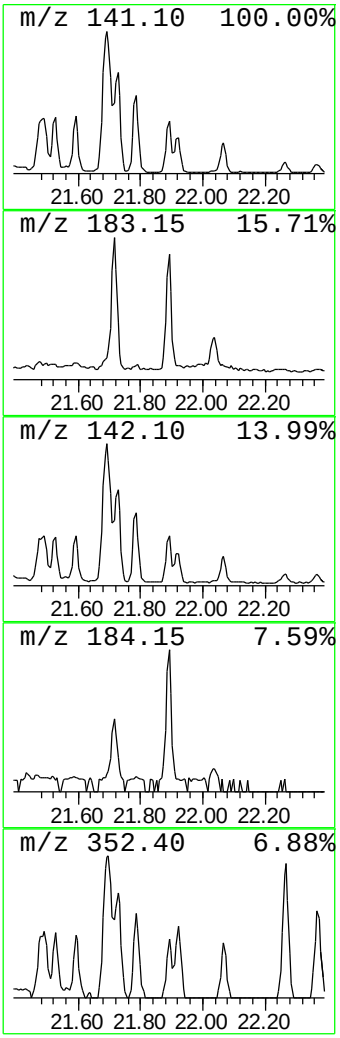
Peak Number 15 Naphthalene, 1-(2-methylpro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	3.74 ng/ul	145853	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	64
2	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	53
3	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	47
4	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	47
5	Pyrazol-4-amine, 3,5-dimethyl-1-...	251	C16H17N3	1000273-77-6	36





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Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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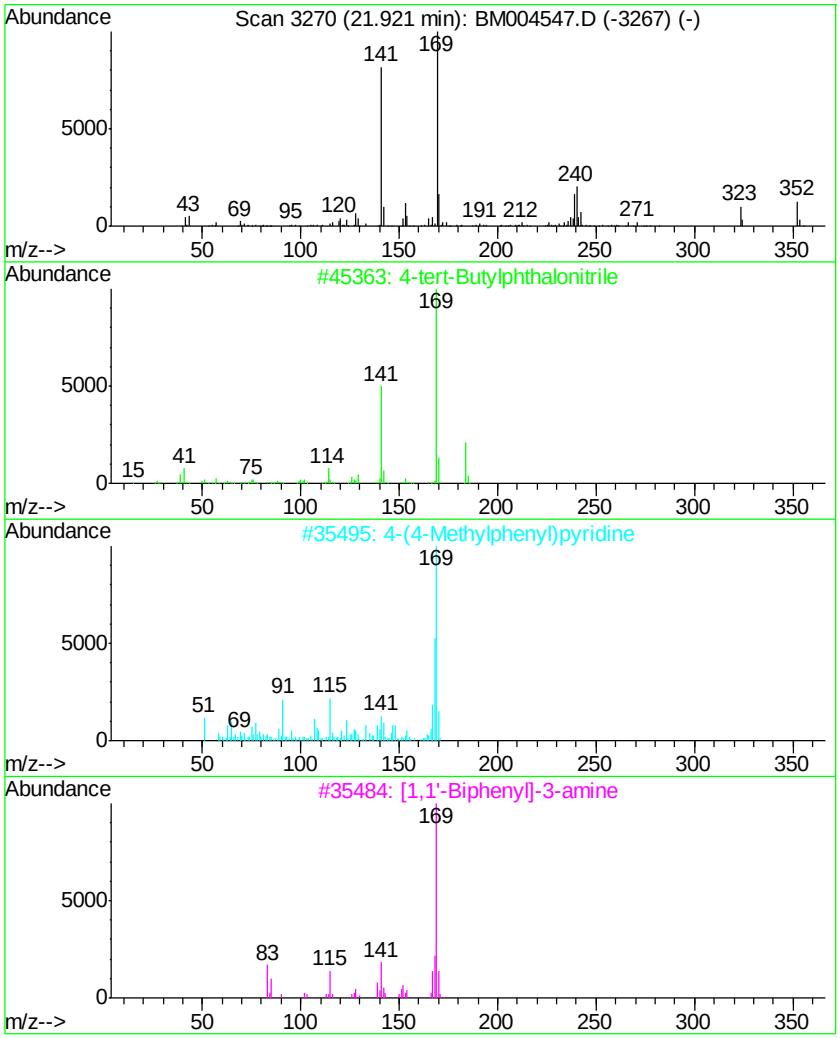
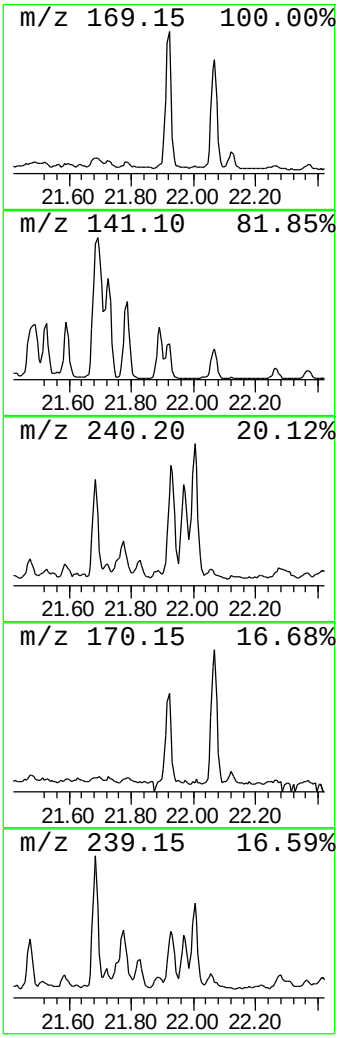
Peak Number 16 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	3.86 ng/ul	150775	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphthalonitrile	184	C12H12N2	032703-80-3	42
2	4-(4-Methylphenyl)pyridine	169	C12H11N	004423-10-3	27
3	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	27
4	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	25
5	o,o'-Bis[diphenylcarbamyl]tereph...	586	C34H26N4O6	040069-03-2	22





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Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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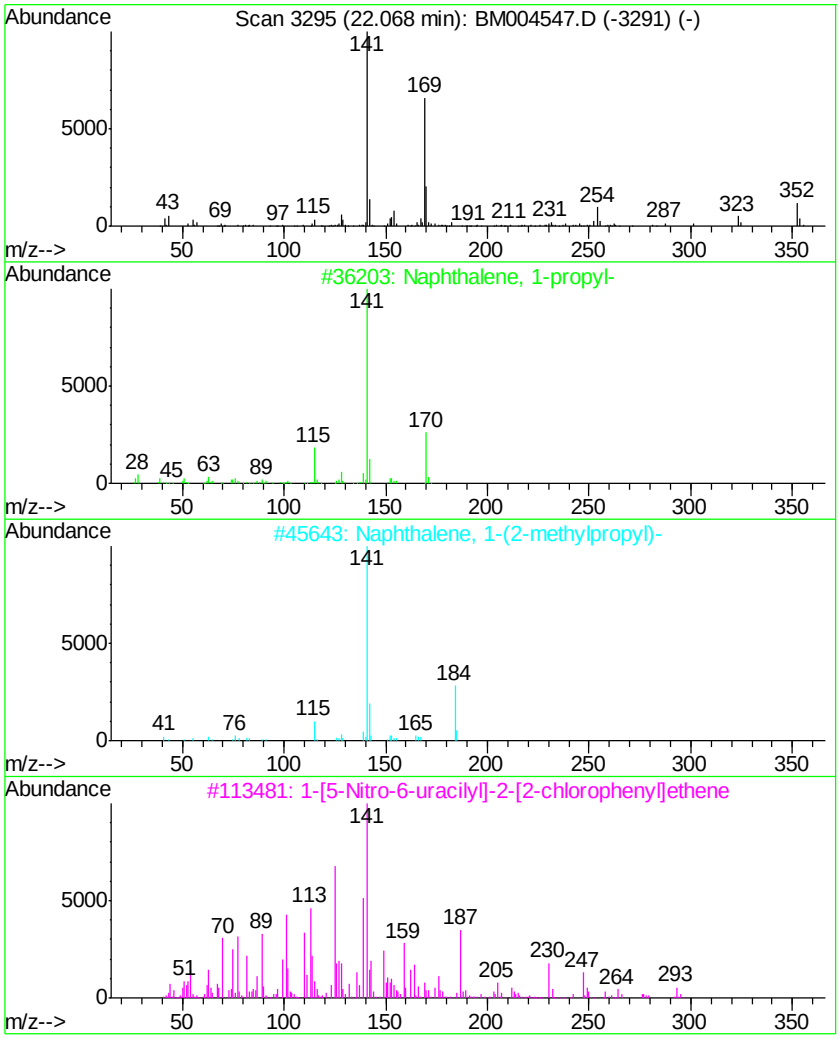
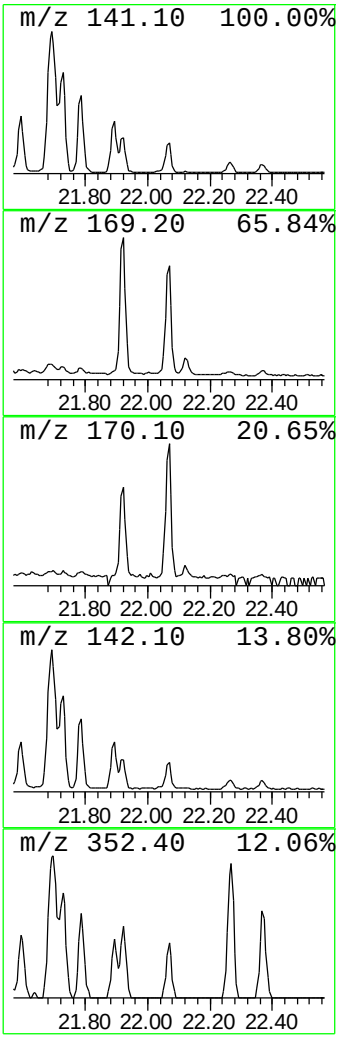
Peak Number 17 Naphthalene, 1-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	3.48 ng/ul	135666	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	60
2	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	35
3	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	27
4	1-Chloro-3-naphthalen-1-yl-propa...	218	C13H11ClO	154023-17-3	16
5	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	16





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Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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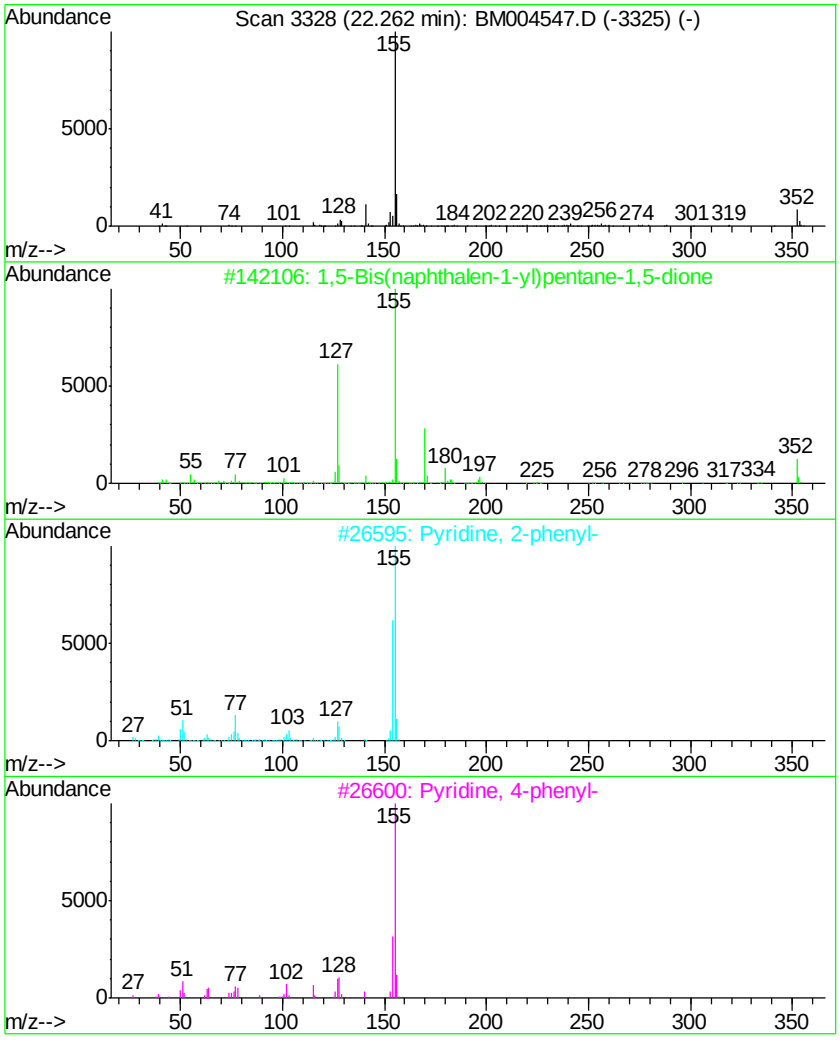
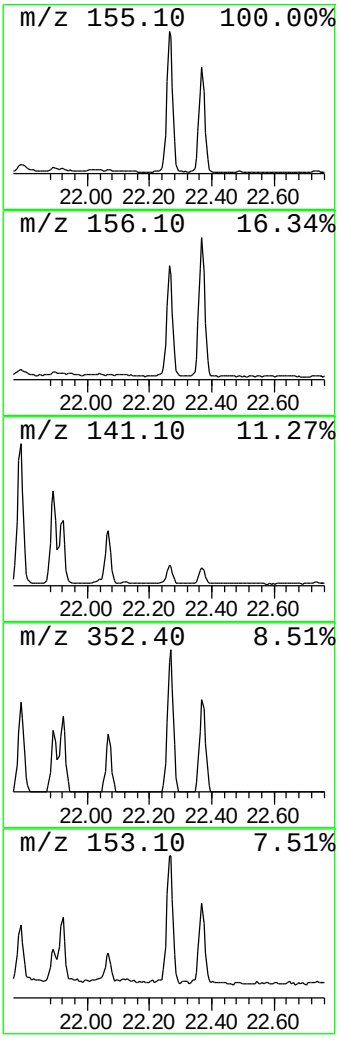
Peak Number 18 1,5-Bis(naphthalen-1-yl)pen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	5.35 ng/ul	208830	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Bis(naphthalen-1-yl)pentane-...	352	C25H20O2	1000210-52-9	72
2	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	59
3	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	38
4	Phenylpropionic acid, .alpha.-am...	229	C10H12FNO4	1000126-07-3	36
5	Pyridine, 3-phenyl-	155	C11H9N	001008-88-4	9





Tentatively Identified Compound (LSC) summary

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Data File : BM004547.D
Acq On : 04 Mar 2016 00:25
Operator : SJ/UM
Sample : H1616-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.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...	2.79	2.4	ng/ul	21667	1	7.59	181607	20.0
Phenanthrene, 1-m...	17.89	2.8	ng/ul	79134	4	17.02	571282	20.0
4H-Cyclopenta[def...	18.09	4.9	ng/ul	140490	4	17.02	571282	20.0
Phenanthrene, 2,5...	18.82	2.2	ng/ul	64030	4	17.02	571282	20.0
11H-Benzo[a]fluorene	19.96	3.4	ng/ul	133001	5	21.23	780511	20.0
11H-Benzo[b]fluorene	20.05	2.7	ng/ul	105461	5	21.23	780511	20.0
Pyrene, 1-methyl-	20.11	2.1	ng/ul	81726	5	21.23	780511	20.0
1-[5-Nitro-6-urac...	21.47	2.6	ng/ul	103224	5	21.23	780511	20.0
unknown-01	21.59	4.1	ng/ul	159420	5	21.23	780511	20.0
Imidazole, 2-trim...	21.79	5.8	ng/ul	227619	5	21.23	780511	20.0
Naphthalene, 1-(2...	21.89	3.7	ng/ul	145853	5	21.23	780511	20.0
unknown-02	21.92	3.9	ng/ul	150775	5	21.23	780511	20.0
Naphthalene, 1-pr...	22.07	3.5	ng/ul	135666	5	21.23	780511	20.0
1,5-Bis(naphthale...	22.26	5.3	ng/ul	208830	5	21.23	780511	20.0