LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

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-BM061515.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	2.810	16	21	25	rVV	55316	101189	4.96%	0.606%
2	2.846	25	27	30	rVV	60313	72328	3.55%	0.434%
3	2.887	30	34	40	rVV	1628977	2038320	100.00%	12.217%
4	2.934	40	42	51	rVB	38392	49513	2.43%	0.297%
5	3.569	142	150	154	rVB	9540	13420	0.66%	0.080%
6	3.663	161	166	174	rVV	64822	80168	3.93%	0.480%
7	4.775	349	355	360	rBV	12435	17964	0.88%	0.108%
8	4.869	366	371	377	rBV2	18737	29774	1.46%	0.178%
9	5.681	501	509	514	rBV3	42878	76315	3.74%	0.457%
10	6.834	695	705	712	rBV	76707	136363	6.69%	0.817%
11	7.004	726	734	739	rBV	60332	92139	4.52%	0.552%
12	7.198	760	767	777	rBB	82963	131239	6.44%	0.787%
13	7.316	783	787	793	rVB3	15894	27940	1.37%	0.167%
14	7.669	837	847	853	rBV	252353	403751	19.81%	2.420%
15	8.204	931	938	947	rVB2	14554	26010	1.28%	0.156%
16	8.369	961	966	973	rVB	86744	137483	6.74%	0.824%
17	8.492	978	987	991	rBV2	11592	20459	1.00%	0.123%
18	8.822	1038	1043	1050	rVV	71131	117786	5.78%	0.706%
19	9.545	1161	1166	1176	rVV	65329	101123	4.96%	0.606%
20	10.081	1251	1257	1263	rVB	95325	154295	7.57%	0.925%
21	10.457	1310	1321	1326	rBV	313454	533135	26.16%	3.195%
22	10.504	1326	1329	1335	rVV	40484	62552	3.07%	0.375%
23	10.598	1335	1345	1351	rVV	51620	86497	4.24%	0.518%
24	11.469	1488	1493	1497	rBV2	9364	13498	0.66%	0.081%
25	11.875	1558	1562	1566	rBV	12416	16672	0.82%	0.100%
26	12.127	1599	1605	1610	rVB	50502	80406	3.94%	0.482%
27	12.351	1637	1643	1649	rVB	41298	65235	3.20%	0.391%
28	12.845	1721	1727	1732	rVB2	14702	22410	1.10%	0.134%
29	13.139	1769	1777	1783	rVV3	23539	43138	2.12%	0.259%
30	13.198	1783	1787	1794	rVV	13290	26314	1.29%	0.158%
31	13.286	1794	1802	1808	rVV9	10986	25085	1.23%	0.150%
32	13.345	1808	1812	1815	rVV2	10309	15850	0.78%	0.095%
33	13.480	1830	1835	1836	rBV2	16833	22457	1.10%	0.135%
34	13.639	1856	1862	1867	rBV	46150	79187	3.88%	0.475%

LSC Area Percent Report

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Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

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-BM061515.M
Title : SVOA CALIBRATION

35	13.692	1867	1871	1874	rBV3	30534	43369	2.13%	0.260%
36	13.733	1874	1878	1882	rVB	142373	187507	9.20%	1.124%
37	13.780	1882	1886	1893	rVB2	61723	117933	5.79%	0.707%
38	13.874	1898	1902	1906	rBV	38236	49613	2.43%	0.297%
39	13.916	1906	1909	1915	rVB4	14859	21564	1.06%	0.129%
40	14.016	1920	1926	1930	rBV	174332	284851	13.97%	1.707%
41	14.216	1954	1960	1965	rBV2	38836	52336	2.57%	0.314%
42	14.321	1967	1978	1986	rVV2	421079	693523	34.02%	4.157%
43	14.380	1986	1988	1991	rVV3	15688	21814	1.07%	0.131%
44	14.533	2009	2014	2022	rBV3	60201	110849	5.44%	0.664%
45	14.610	2022	2027	2031	rBV3	32110	50857	2.50%	0.305%
46	14.721	2042	2046	2053	rVB	37457	57109	2.80%	0.342%
47	14.798	2053	2059	2062	rVB2	15943	25750	1.26%	0.154%
48	14.945	2080	2084	2088	rVB2	21455	32827	1.61%	0.197%
49	14.992	2088	2092	2096	rVB	19215	26595	1.30%	0.159%
50	15.110	2105	2112	2116	rBV2	33505	60153	2.95%	0.361%
51	15.168	2116	2122	2128	rVB3	42747	67042	3.29%	0.402%
52	15.315	2142	2147	2152	rVV	225657	324879	15.94%	1.947%
53	15.368	2152	2156	2160	rVB3	23757	37795	1.85%	0.227%
54	15.445	2165	2169	2173	rVV	40412	53393	2.62%	0.320%
55	15.580	2186	2192	2197	rVB3	36605	62832	3.08%	0.377%
56	15.668	2202	2207	2213	rVB	37859	61515	3.02%	0.369%
57	15.739	2213	2219	2223	rBV7	8370	18066	0.89%	0.108%
58	15.792	2223	2228	2229	rBV4	14456	19458	0.95%	0.117%
59	15.815	2229	2232	2239	rVB3	21275	38712	1.90%	0.232%
60	16.057	2265	2273	2278	rVB2	133404	281790	13.82%	1.689%
61	16.186	2291	2295	2299	rVV2	13760	22028	1.08%	0.132%
62	16.610	2361	2367	2370	rBV3	36023	67949	3.33%	0.407%
63	16.721	2383	2386	2393	rVB3	26638	43351	2.13%	0.260%
64	16.798	2393	2399	2400	rBV4	21354	30317	1.49%	0.182%
65	16.827	2400	2404	2407	rVV	70768	101012	4.96%	0.605%
66	16.880	2408	2413	2423	rVB3	55467	113321	5.56%	0.679%
67	17.068	2440	2445	2449	rBV	542157	770133	37.78%	4.616%
68	17.109	2449	2452	2457	rVV	225546	325466	15.97%	1.951%
69	17.168	2457	2462	2466	rVV2	250891	377668	18.53%	2.264%
70	17.204	2466	2468	2472	rVB	61626	62129	3.05%	0.372%
71	17.257	2472	2477	2480	rBV4	14288	26907	1.32%	0.161%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

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-BM061515.M
Title : SVOA CALIBRATION

72	17.392	2489	2500	2504	rBV6	29460	88799	4.36%	0.532%
73	17.474	2509	2514	2522	rVV4	35747	78827	3.87%	0.472%
74	17.562	2525	2529	2533	rVB	58884	76182	3.74%	0.457%
75	17.651	2540	2544	2553	rVB3	25533	49095	2.41%	0.294%
76	17.951	2589	2595	2599	rBV2	69534	145405	7.13%	0.872%
77	17.992	2599	2602	2607	rVB	95543	128111	6.29%	0.768%
78	18.068	2611	2615	2620	rBV	34730	51229	2.51%	0.307%
79	18.133	2621	2626	2630	rBV2	76214	142628	7.00%	0.855%
80	18.256	2643	2647	2650	rBV2	55005	68510	3.36%	0.411%
81	18.298	2650	2654	2657	rVV5	16279	24728	1.21%	0.148%
82	18.445	2675	2679	2683	rBV3	40772	61930	3.04%	0.371%
83	18.492	2683	2687	2692	rVB4	34058	53222	2.61%	0.319%
84	18.698	2719	2722	2724	rBV2	24233	29008	1.42%	0.174%
85	18.868	2747	2751	2753	rBV	50667	81952	4.02%	0.491%
86	19.009	2772	2775	2780	rVB3	35558	52820	2.59%	0.317%
87	19.133	2791	2796	2803	rVB	426035	574589	28.19%	3.444%
88	19.409	2840	2843	2846	rVB5	22987	23705	1.16%	0.142%
89	19.468	2848	2853	2856	rBV2	364982	570229	27.98%	3.418%
90	19.498	2856	2858	2867	rVB	418877	513842	25.21%	3.080%
91	19.574	2867	2871	2876	rBV4	48920	87381	4.29%	0.524%
92	19.821	2910	2913	2914	rBV2	41475	48284	2.37%	0.289%
93	20.745	3067	3070	3077	rBV2	67120	92928	4.56%	0.557%
94	21.262	3151	3158	3162	rBV2	855690	1449679	71.12%	8.689%
95	21.297	3162	3164	3171	rVB	271543	334559	16.41%	2.005%
96	22.821	3420	3423	3428	rBV	169741	303571	14.89%	1.819%
97	23.297	3501	3504	3509	rBV	139557	208274	10.22%	1.248%
98	23.350	3509	3513	3517	rVV2	211100	374641	18.38%	2.245%
99	23.397	3517	3521	3527	rVB	261977	452413	22.20%	2.712%
100	23.497	3532	3538	3543	rBV	468460	855389	41.97%	5.127%

Sum of corrected areas: 16684358

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
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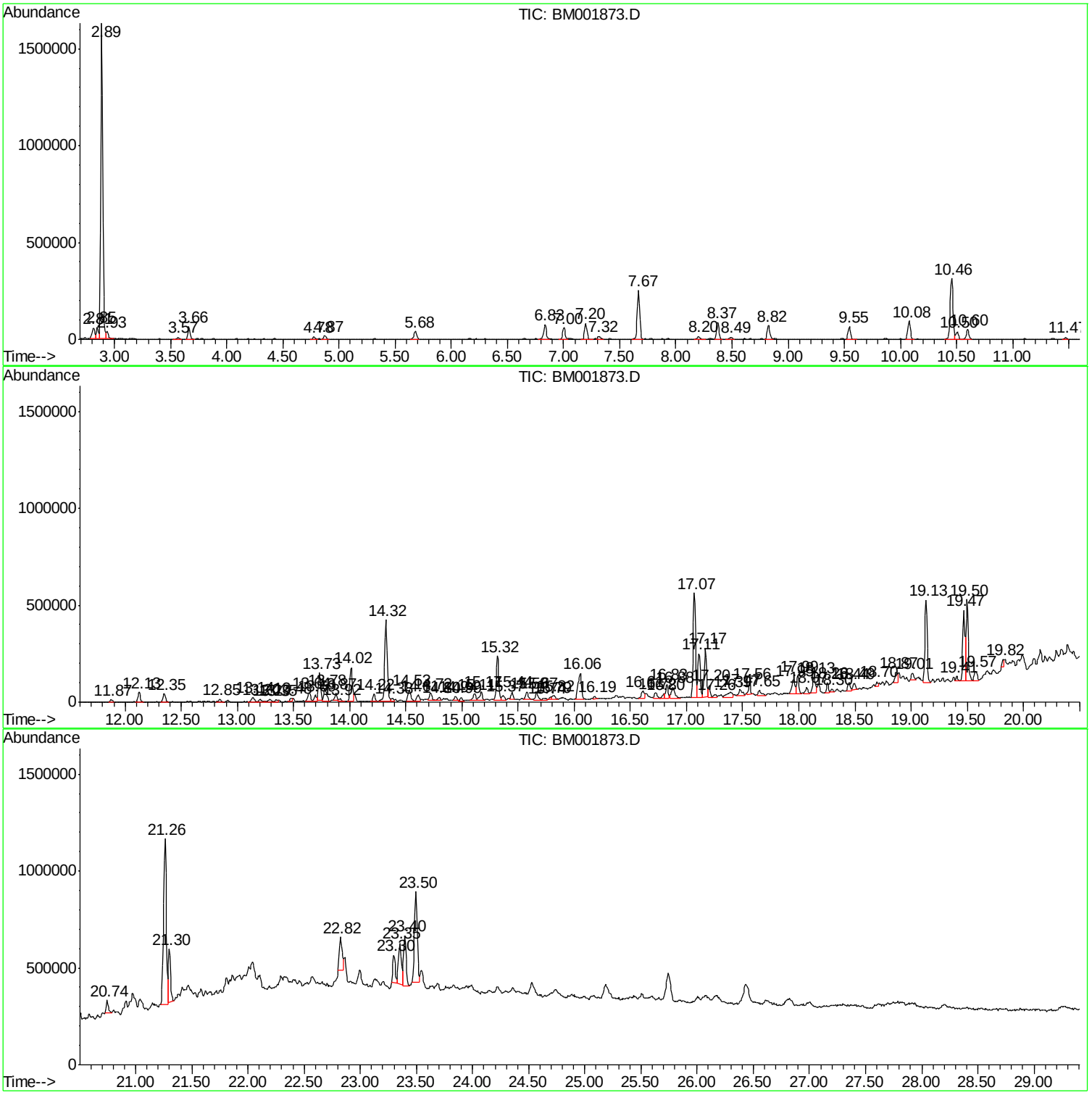
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
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Operator : TP/UM
Sample : G2861-03
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

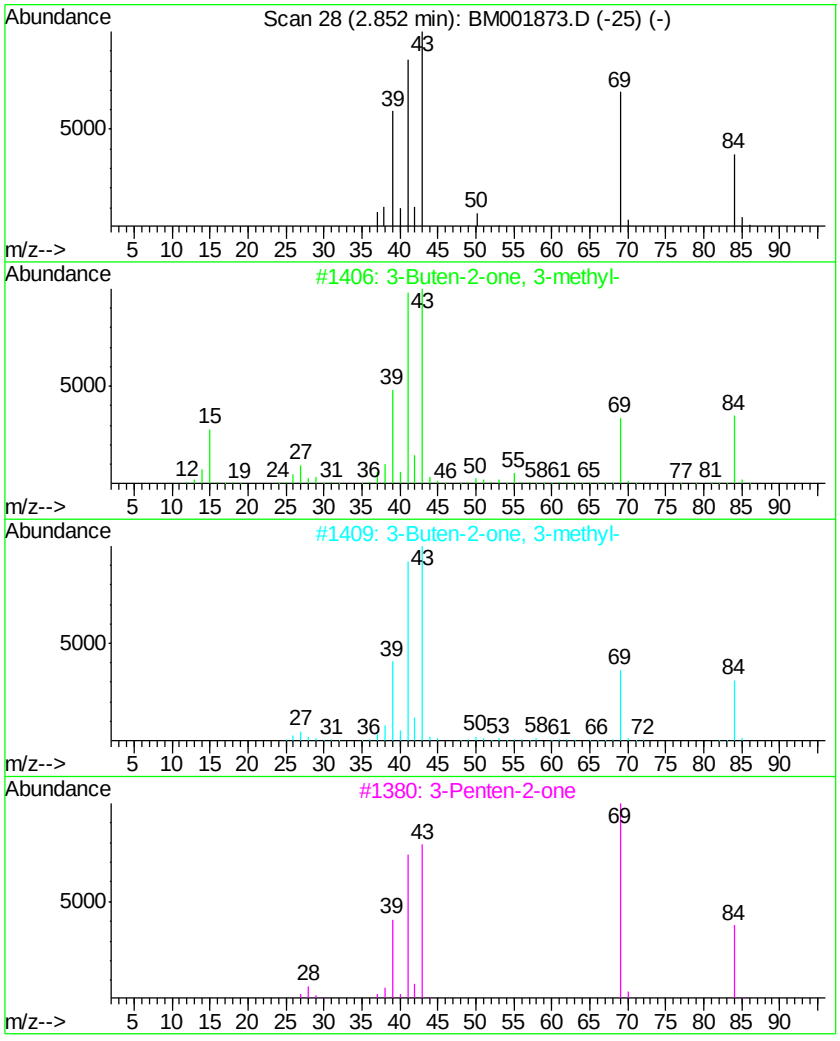
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

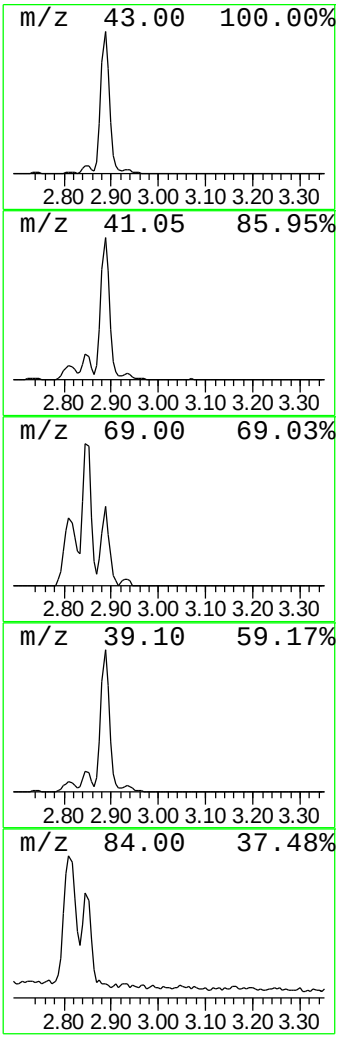
****

Peak Number 2 3-Buten-2-one, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	3.58 ng/ul	72328	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	86
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	78
3	3-Penten-2-one	84	C5H8O	000625-33-2	78
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	59
5	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

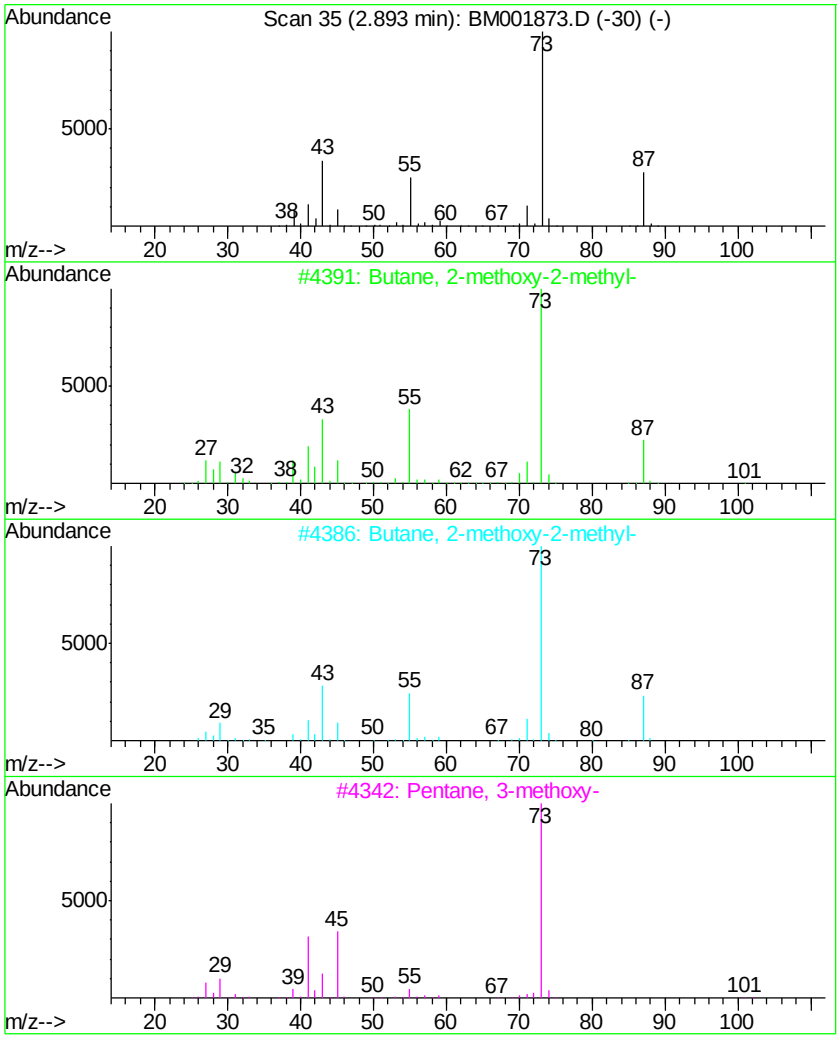
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

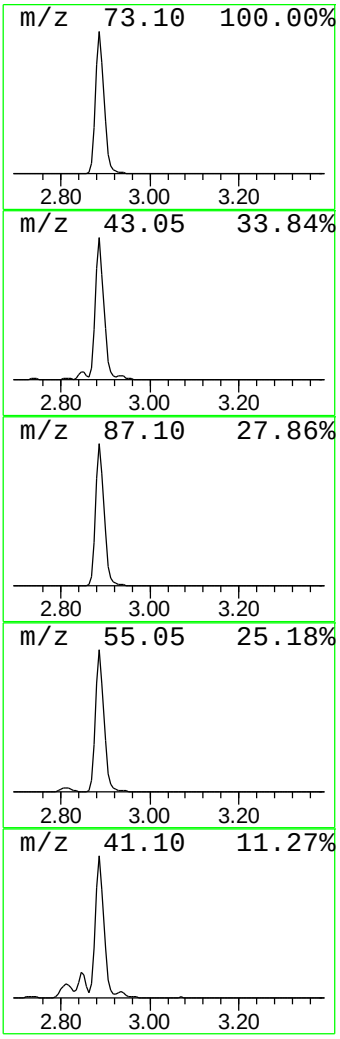
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	100.97 ng/ul	2038320	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Sample : G2861-03
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Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

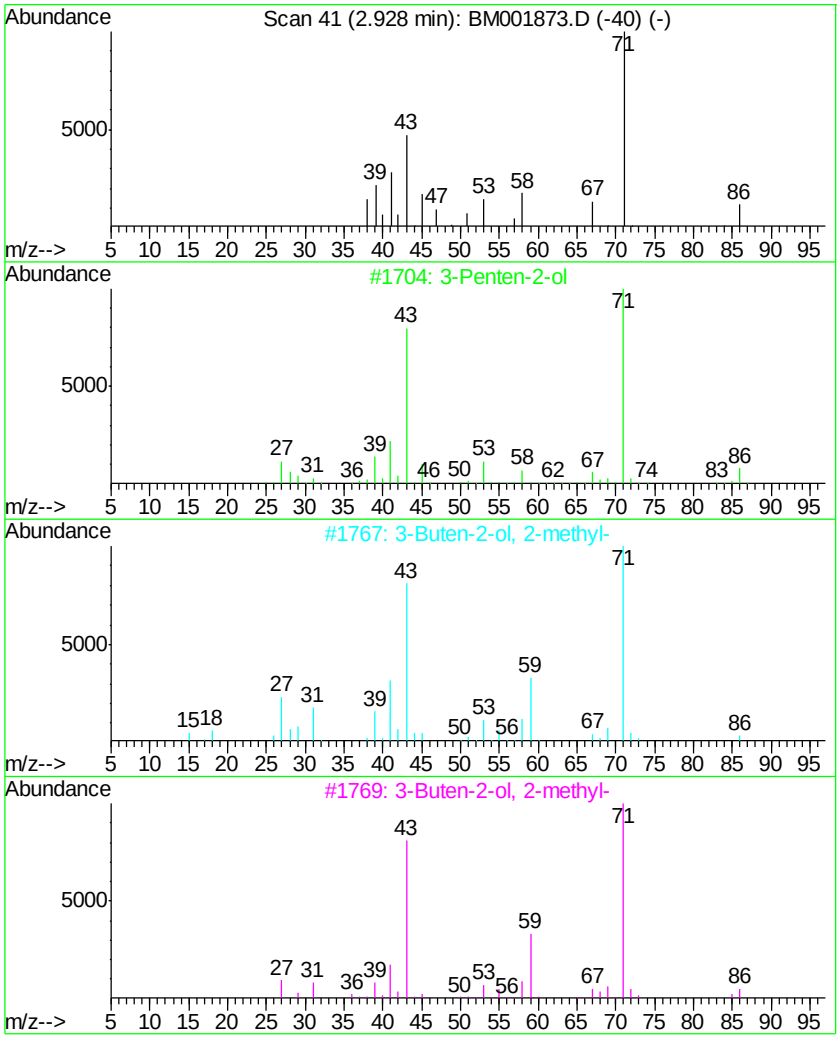
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

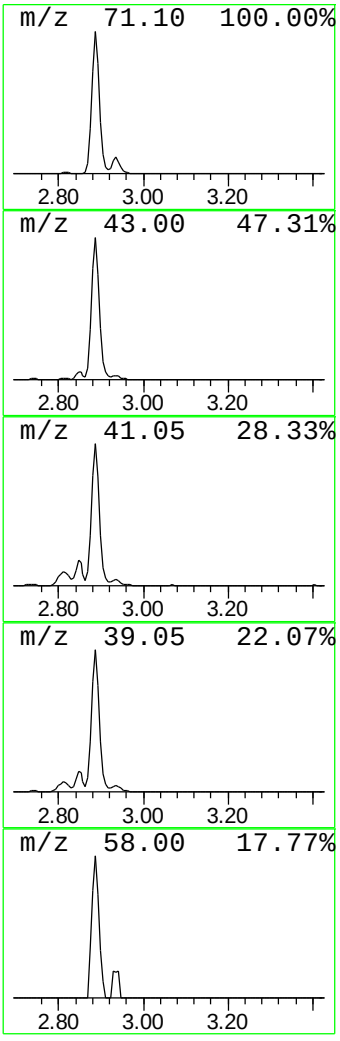
****

Peak Number 4 3-Penten-2-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	2.45 ng/ul	49513	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	64
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	38
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	36
4	3-Penten-2-ol	86	C5H10O	001569-50-2	22
5	3-Penten-2-ol	86	C5H10O	001569-50-2	12





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

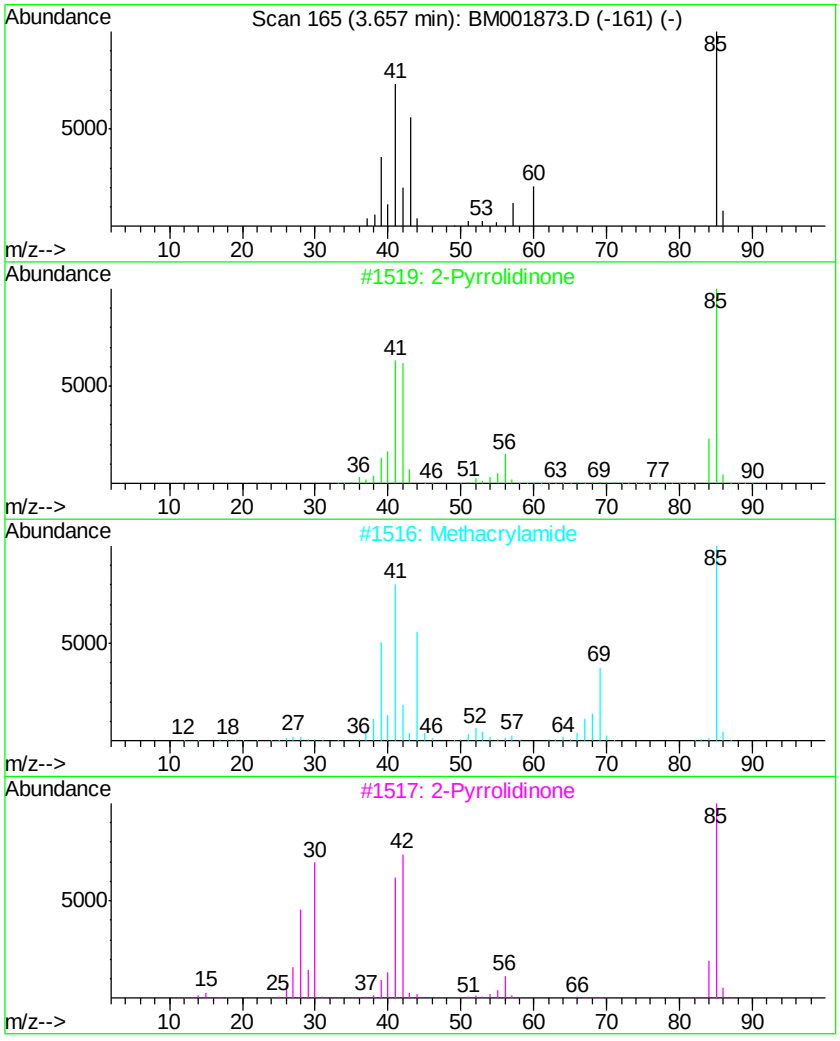
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

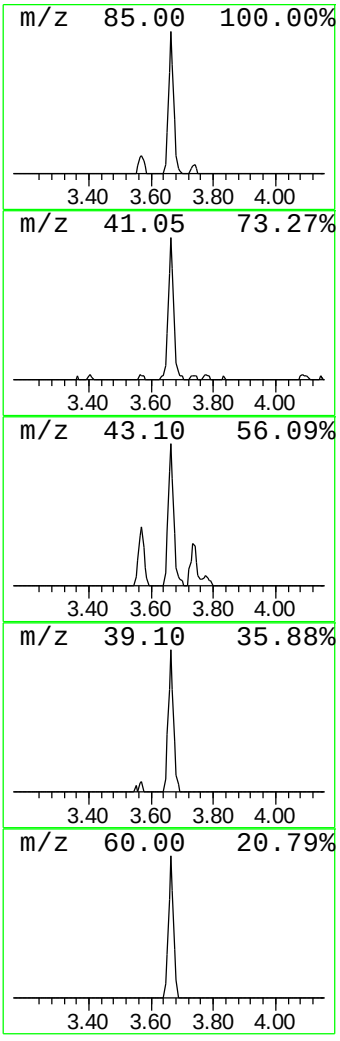
****

Peak Number 5 2-Pyrrolidinone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	3.97 ng/ul	80168	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	53
2	Methacrylamide	85	C4H7NO	000079-39-0	42
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
4	Methacrylamide	85	C4H7NO	000079-39-0	25
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

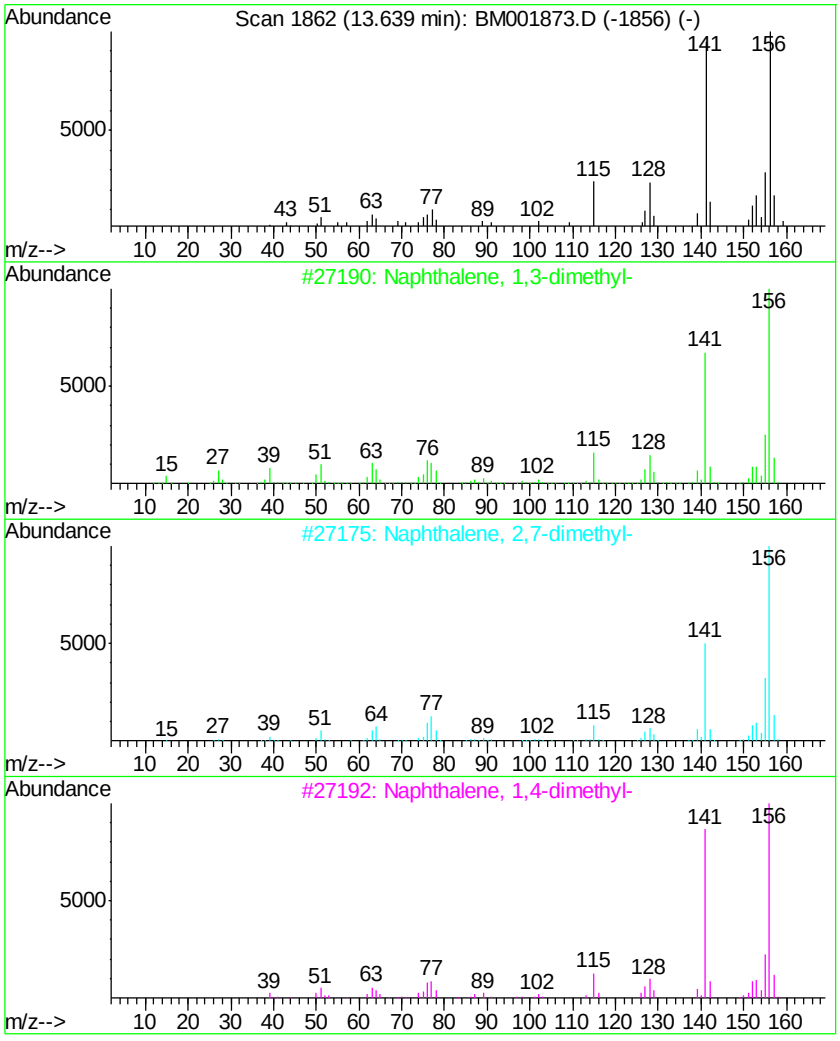
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

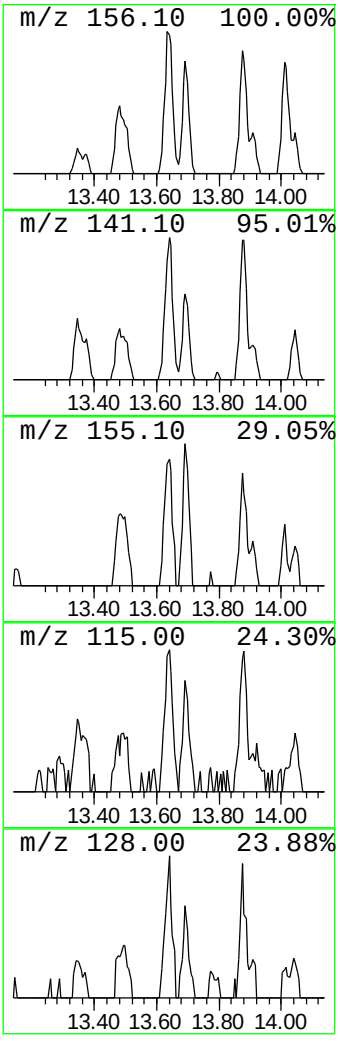
****

Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.28 ng/ul	79187	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

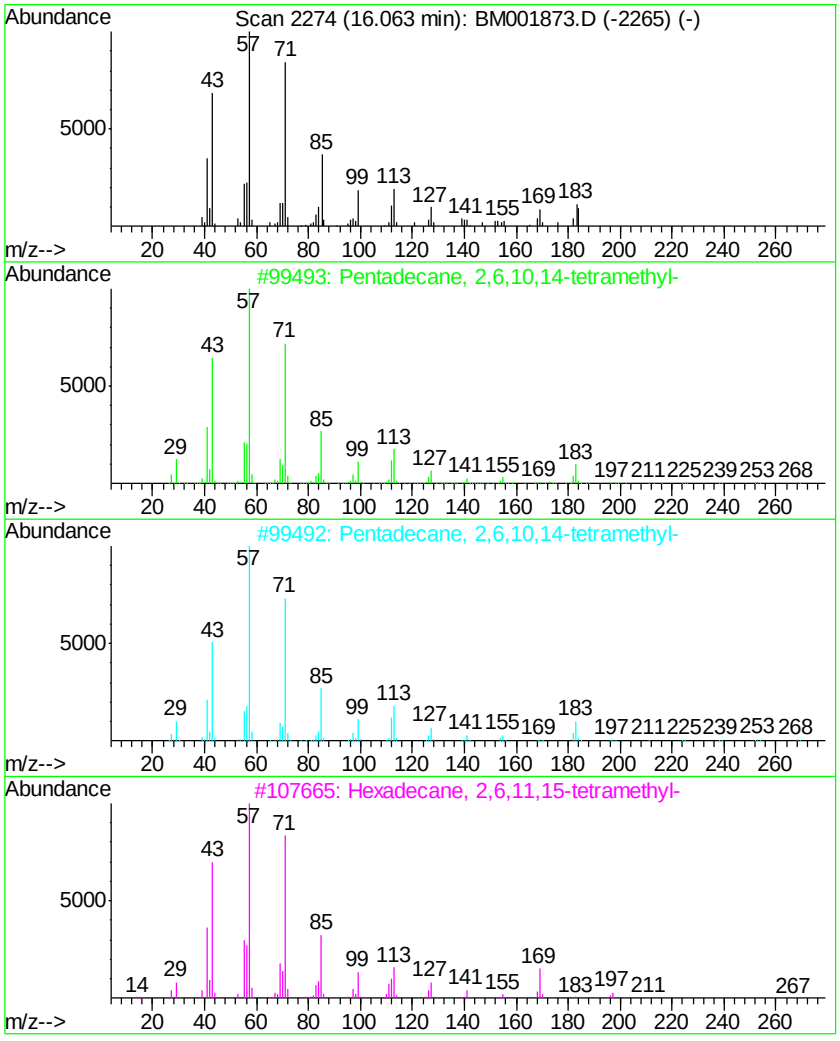
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

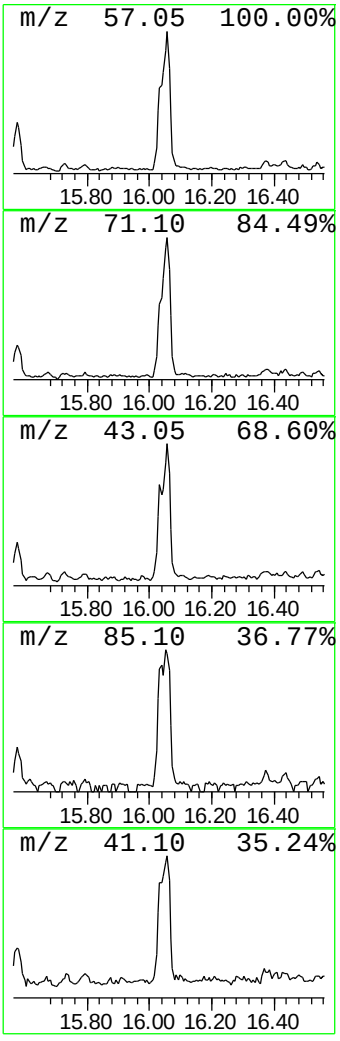
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	7.32 ng/ul	281790	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80





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Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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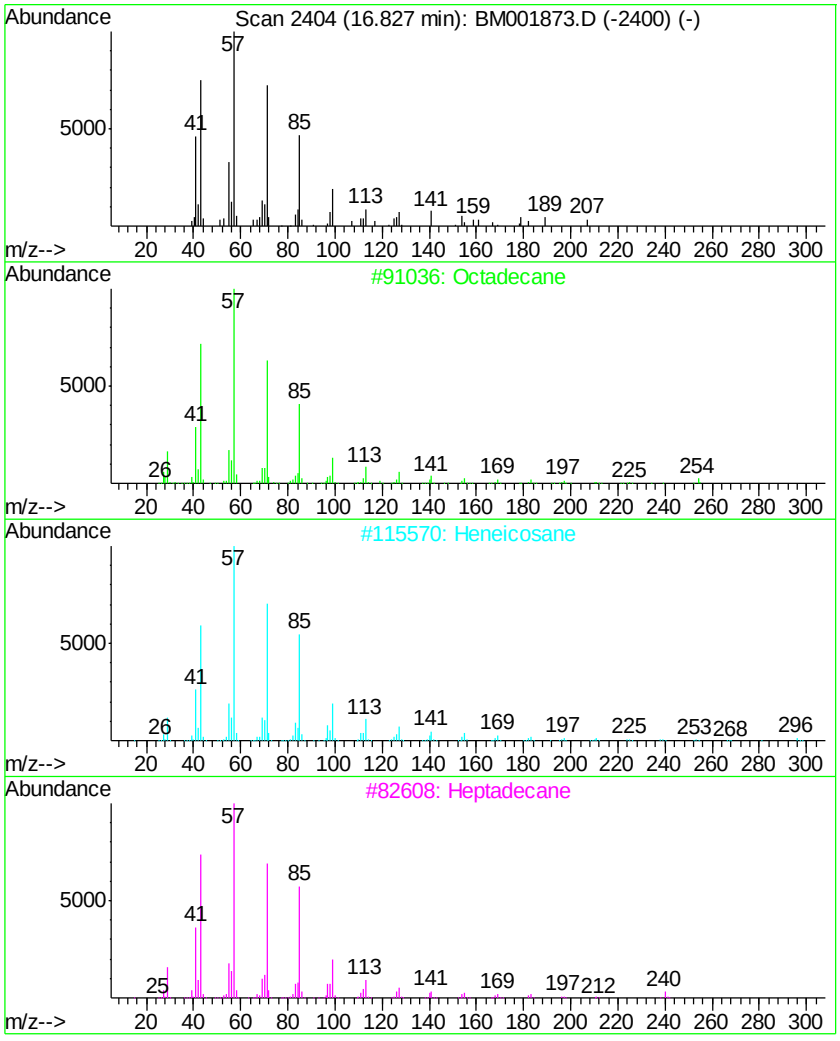
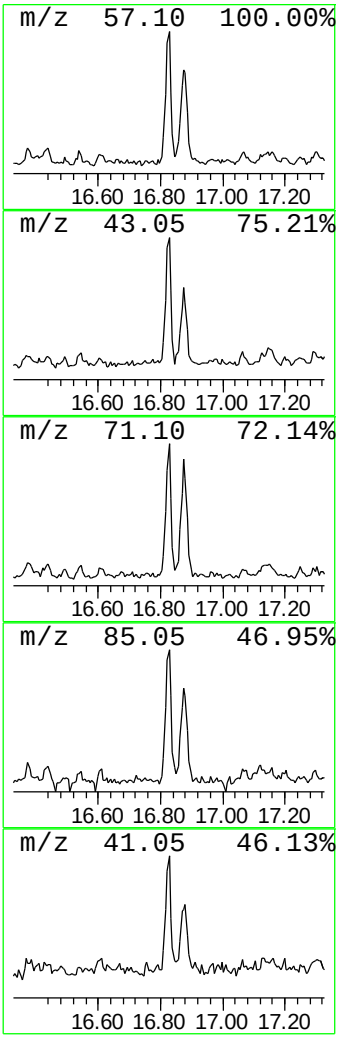
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.62 ng/ul	101012	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Heneicosane	296	C21H44	000629-94-7	74
3	Heptadecane	240	C17H36	000629-78-7	74
4	Hexacosane	366	C26H54	000630-01-3	72
5	Tetratriacontane	479	C34H70	014167-59-0	72





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Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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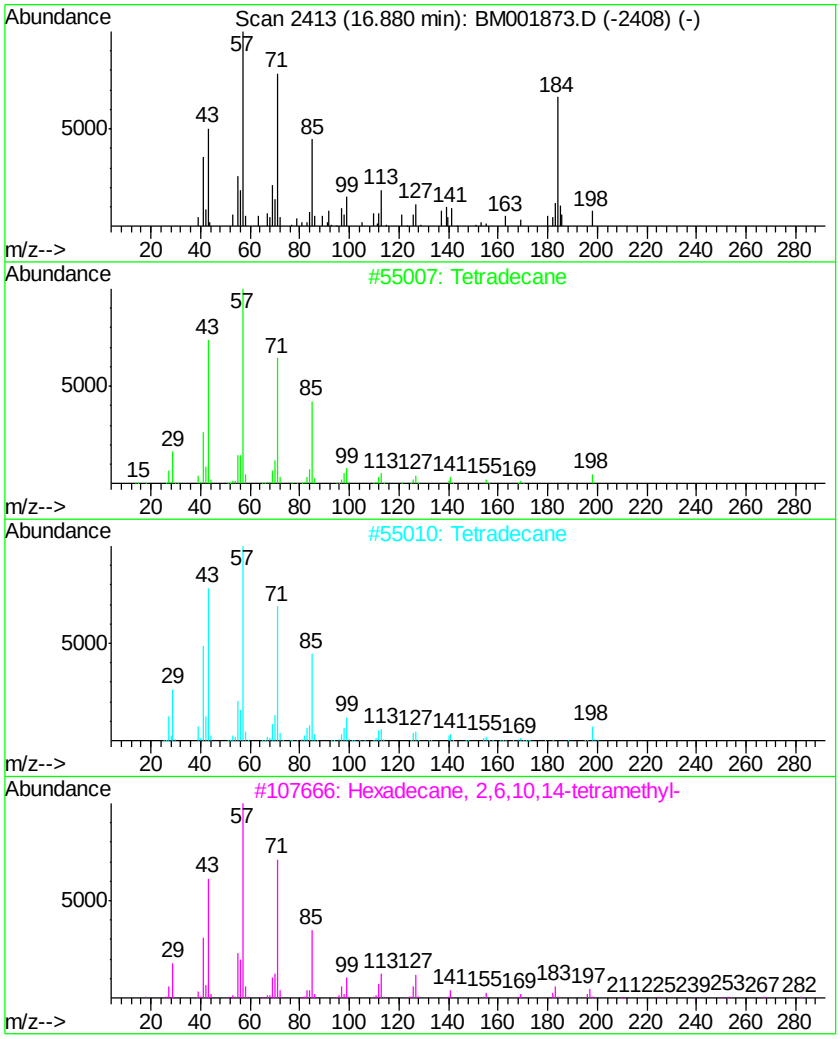
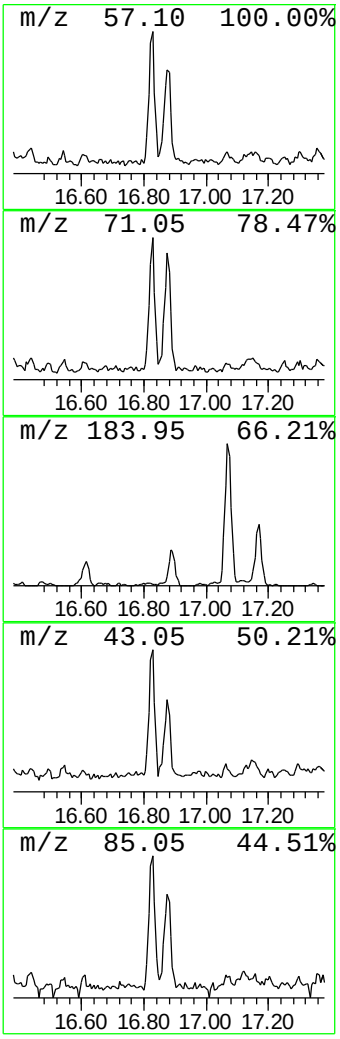
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	2.94 ng/ul	113321	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Tetradecane	198	C14H30	000629-59-4	53
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
4	Hexacosane	366	C26H54	000630-01-3	50
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50





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Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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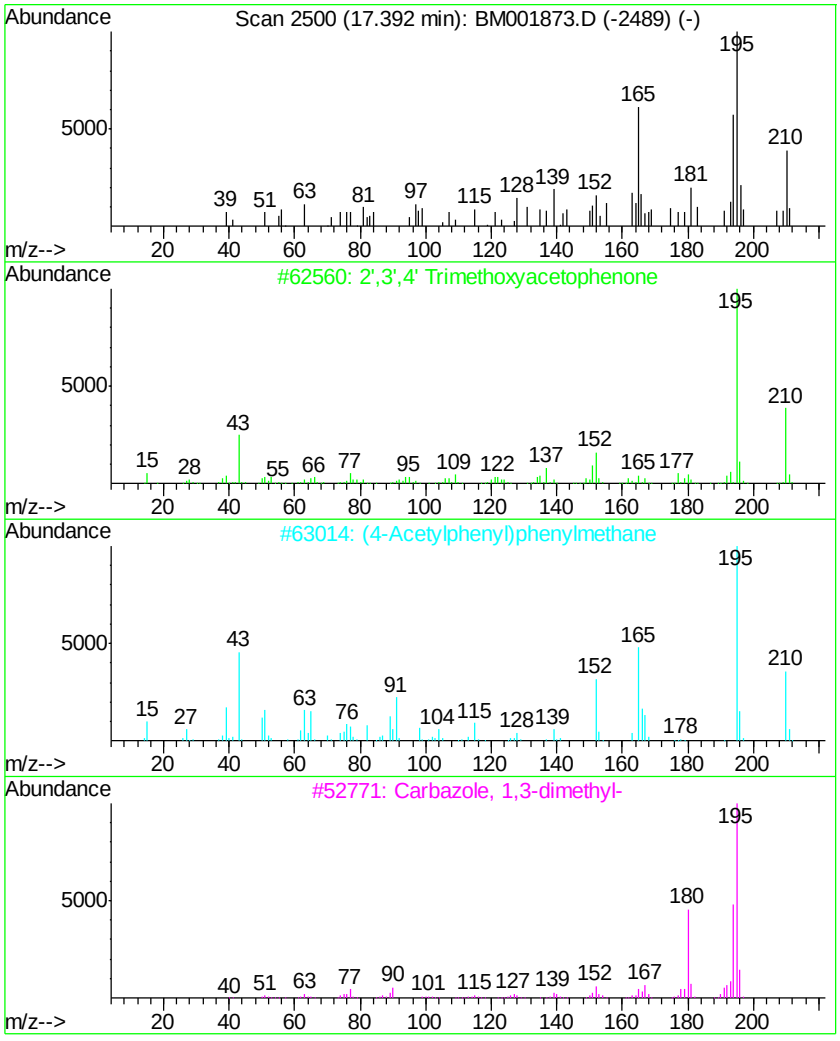
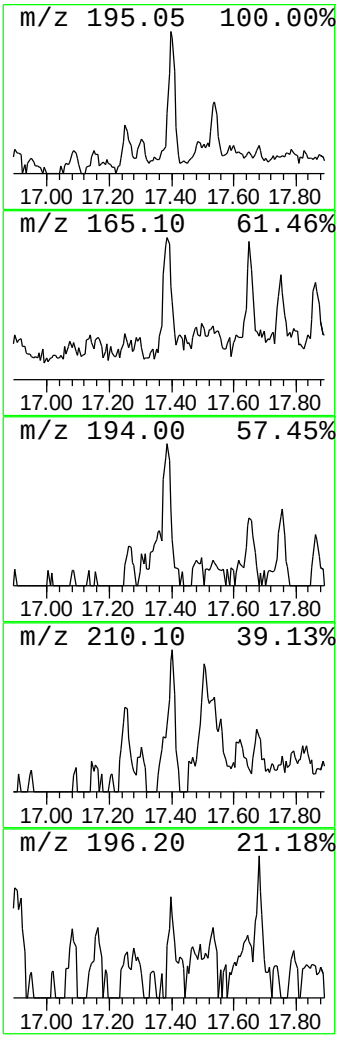
Peak Number 12 2',3',4' Trimethoxyacetophe... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	2.31 ng/ul	88799	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	55
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	49
3	Carbazole, 1,3-dimethyl-	195	C14H13N	018992-68-2	46
4	Carbazole, 3,4-dimethyl-	195	C14H13N	018992-72-8	46
5	Carbazole, 2,3-dimethyl-	195	C14H13N	018992-70-6	43





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Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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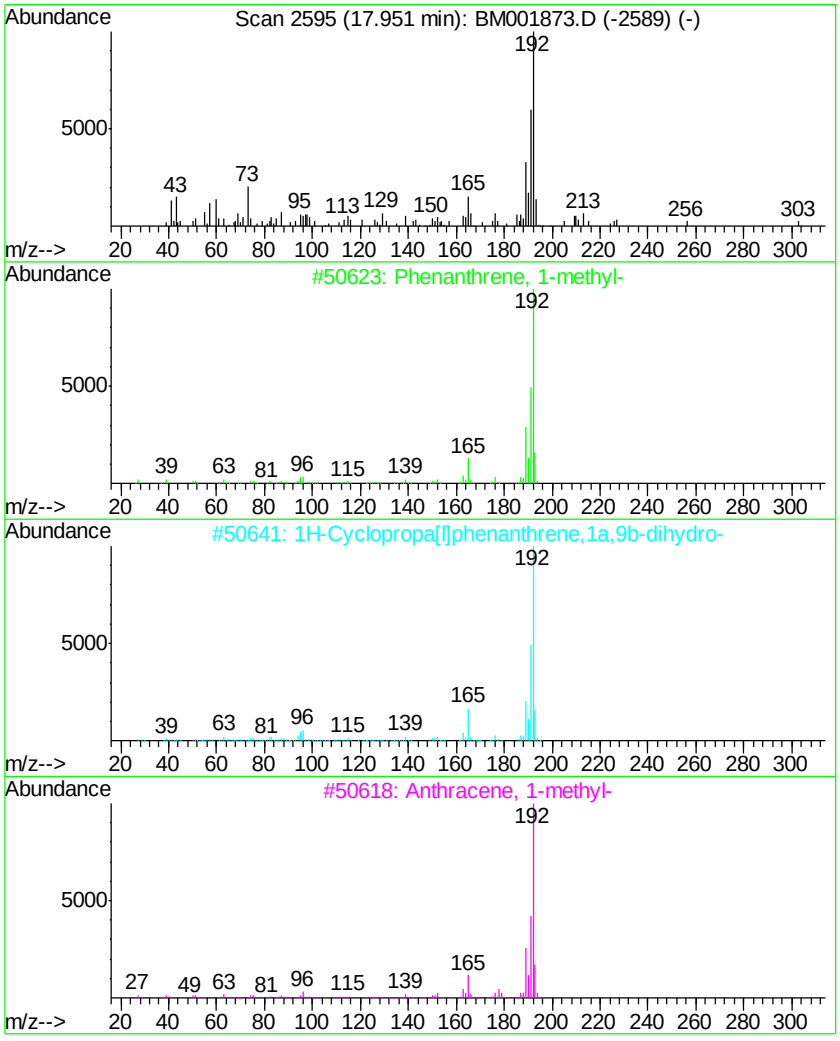
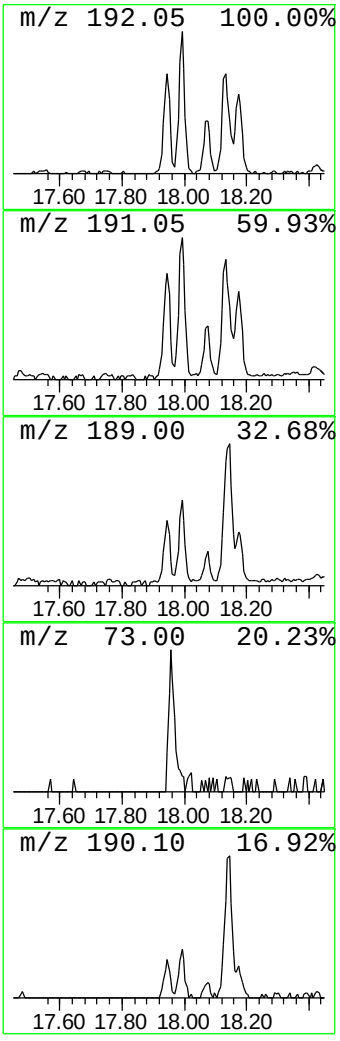
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.78 ng/ul	145405	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70





Library Search Compound Report

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Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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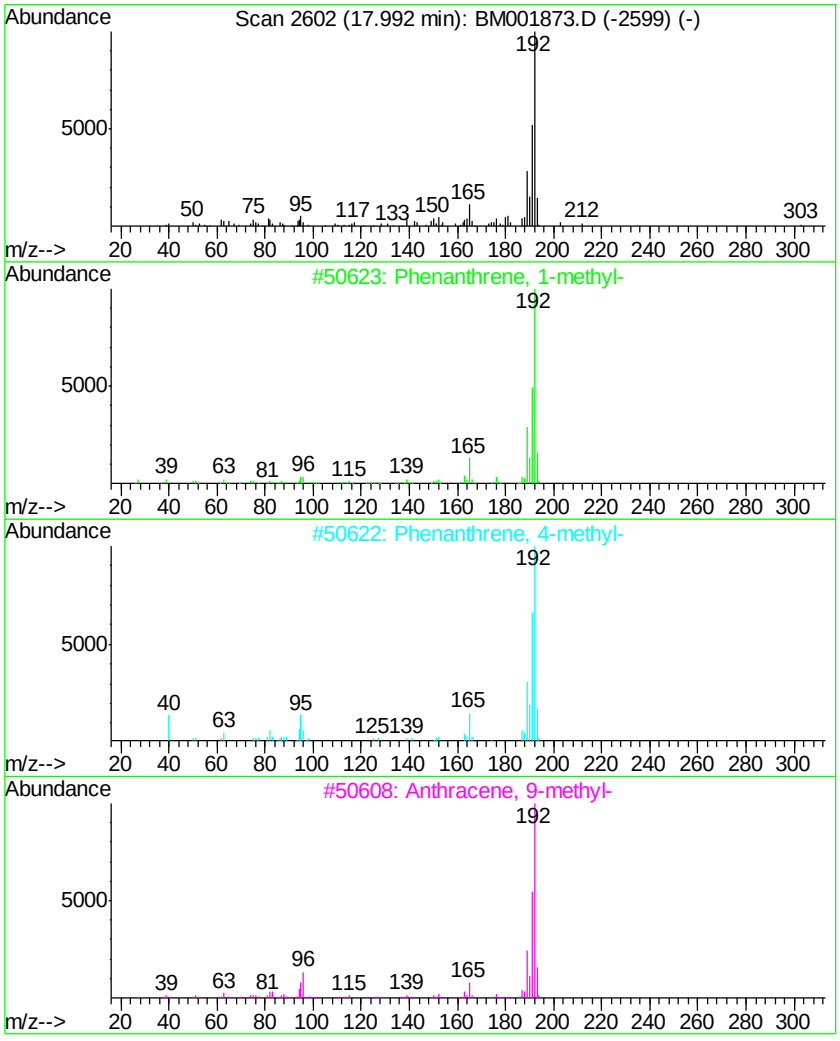
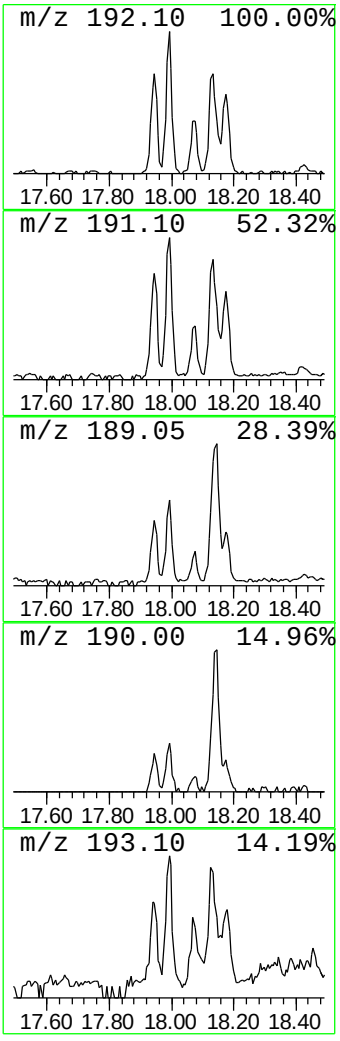
Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.33 ng/ul	128111	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

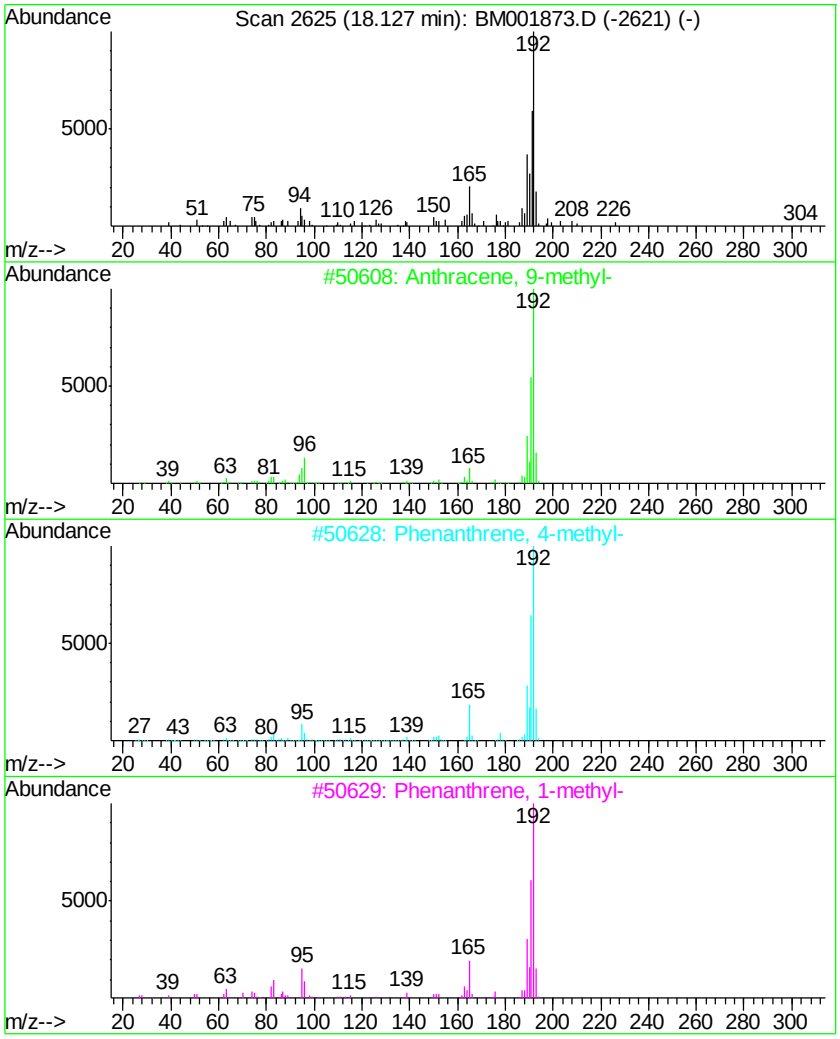
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

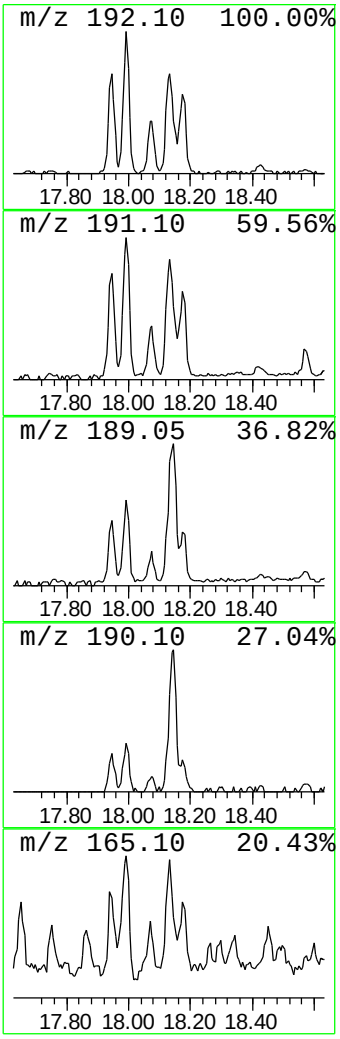
****

Peak Number 16 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	3.70 ng/ul	142628	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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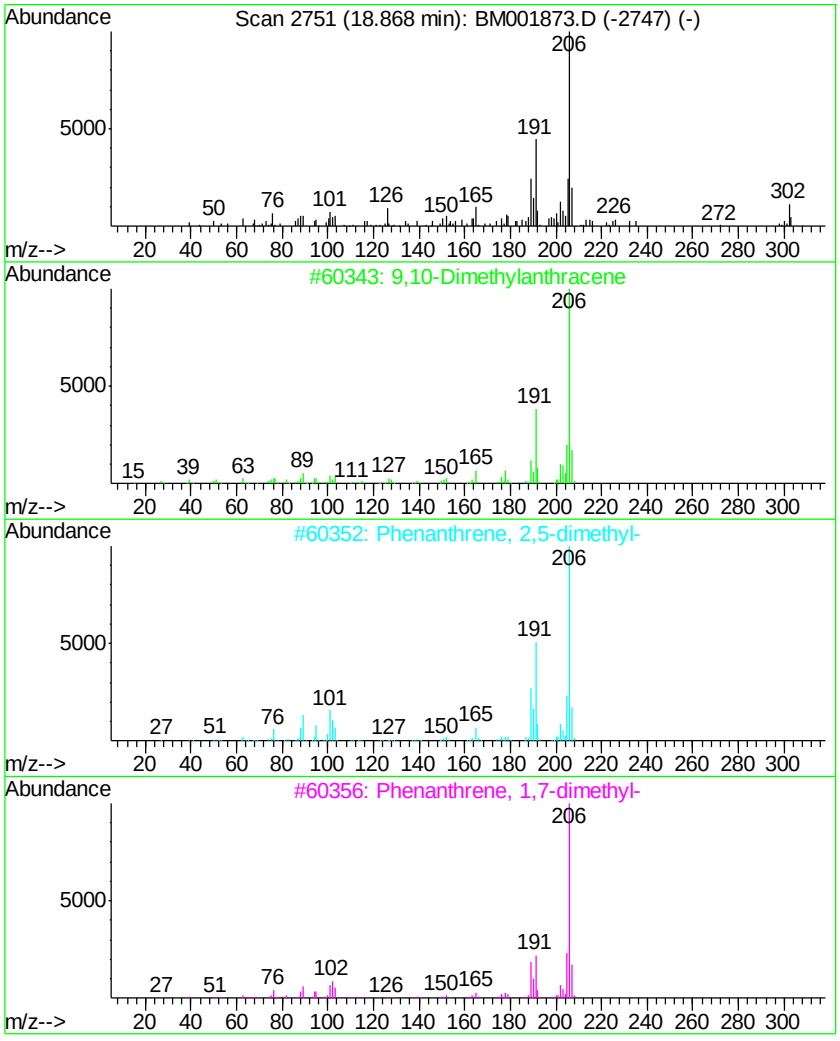
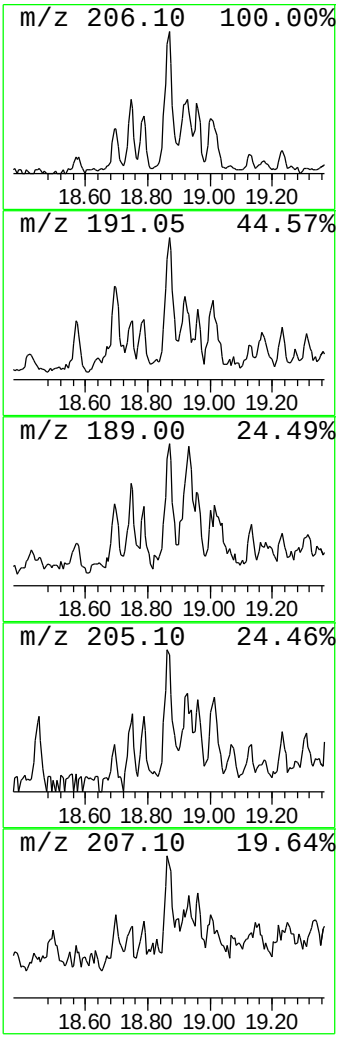
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.13 ng/ul	81952	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76





Library Search Compound Report

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Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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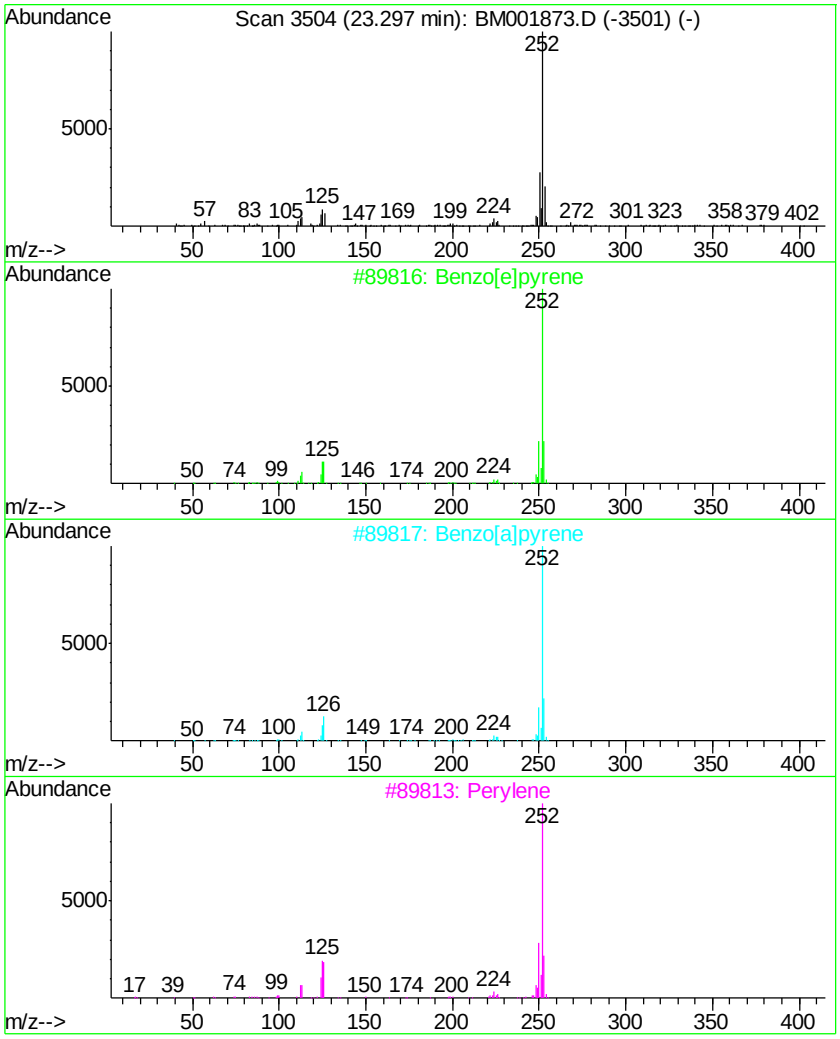
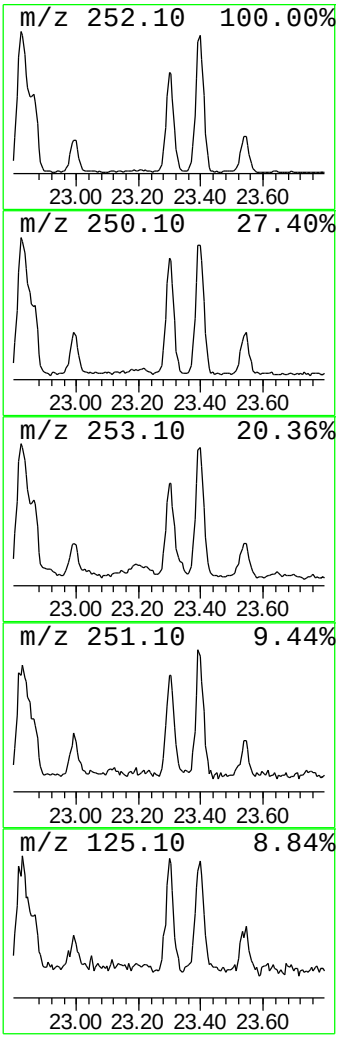
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	4.87 ng/ul	208274	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

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Data File : BM001873.D
Acq On : 07 Jul 2015 20:58
Operator : TP/UM
Sample : G2861-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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
3-Buten-2-one, 3-...	2.85	3.6	ng/ul	72328	1	7.67	403751	20.0
Butane, 2-methoxy...	2.89	101.0	ng/ul	2038320	1	7.67	403751	20.0
3-Penten-2-ol	2.93	2.5	ng/ul	49513	1	7.67	403751	20.0
2-Pyrrolidinone	3.66	4.0	ng/ul	80168	1	7.67	403751	20.0
Naphthalene, 1,3-...	13.64	2.3	ng/ul	79187	3	14.32	693523	20.0
(DEL) Alkane: Str...	16.06	7.3	ng/ul	281790	4	17.07	770133	20.0
(DEL) Alkane: Str...	16.83	2.6	ng/ul	101012	4	17.07	770133	20.0
(DEL) Alkane: Str...	16.88	2.9	ng/ul	113321	4	17.07	770133	20.0
2',3',4' Trimetho...	17.39	2.3	ng/ul	88799	4	17.07	770133	20.0
Phenanthrene, 1-m...	17.95	3.8	ng/ul	145405	4	17.07	770133	20.0
Phenanthrene, 4-m...	17.99	3.3	ng/ul	128111	4	17.07	770133	20.0
Anthracene, 9-met...	18.13	3.7	ng/ul	142628	4	17.07	770133	20.0
9,10-Dimethylanth...	18.87	2.1	ng/ul	81952	4	17.07	770133	20.0
Benzo[e]pyrene	23.30	4.9	ng/ul	208274	6	23.50	855389	20.0