LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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-BM072715.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	3.322	103	108	116	rBV	96185	118377	2.31%	0.160%
2	5.163	416	421	431	rBB	31155	67960	1.33%	0.092%
3	5.534	479	484	489	rBB	21204	29839	0.58%	0.040%
4	6.722	681	686	696	rVB	118892	203029	3.96%	0.274%
5	6.869	704	711	717	rBV	87116	130662	2.55%	0.176%
6	7.063	739	744	753	rVB	126705	197273	3.85%	0.266%
7	7.169	759	762	768	rVB	26235	38103	0.74%	0.051%
8	7.528	817	823	831	rVB	407130	621036	12.11%	0.837%
9	8.069	908	915	919	rVV6	17443	32717	0.64%	0.044%
10	8.257	940	947	954	rBV	157282	256248	5.00%	0.345%
11	8.616	995	1008	1014	rBV10	16341	47060	0.92%	0.063%
12	8.692	1014	1021	1027	rBV	123157	203497	3.97%	0.274%
13	8.869	1046	1051	1058	rVB8	13673	33507	0.65%	0.045%
14	8.969	1058	1068	1075	rBV8	8305	28923	0.56%	0.039%
15	9.169	1094	1102	1106	rBV4	17433	42244	0.82%	0.057%
16	9.228	1106	1112	1117	rVB5	15536	32306	0.63%	0.044%
17	9.410	1133	1143	1150	rVB2	114032	231808	4.52%	0.312%
18	9.486	1150	1156	1163	rBV4	31777	83215	1.62%	0.112%
19	9.545	1163	1166	1171	rVB2	33792	51129	1.00%	0.069%
20	9.957	1230	1236	1242	rBV	173540	290231	5.66%	0.391%
21	10.086	1256	1258	1268	rVB7	17266	38901	0.76%	0.052%
22	10.181	1269	1274	1278	rBV4	20069	32415	0.63%	0.044%
23	10.322	1291	1298	1304	rVV	568572	965368	18.82%	1.301%
24	10.369	1304	1306	1312	rVB	25000	34845	0.68%	0.047%
25	10.469	1319	1323	1331	rVB2	84853	147208	2.87%	0.198%
26	10.710	1357	1364	1368	rBV8	22273	47731	0.93%	0.064%
27	10.792	1374	1378	1382	rVB2	34313	47493	0.93%	0.064%
28	10.851	1383	1388	1396	rBV3	19783	51291	1.00%	0.069%
29	10.998	1409	1413	1418	rVB4	39966	74422	1.45%	0.100%
30	11.139	1432	1437	1441	rBV8	14910	29187	0.57%	0.039%
31	11.210	1446	1449	1457	rVB9	19374	42762	0.83%	0.058%
32	11.333	1465	1470	1477	rBV3	68122	166272	3.24%	0.224%
33	11.498	1493	1498	1502	rBV3	27691	46591	0.91%	0.063%
34	11.592	1510	1514	1519	rVB4	39986	59608	1.16%	0.080%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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-BM072715.M
Title : SVOA CALIBRATION

35	11.998	1580	1583	1587	rVB	59798	85717	1.67%	0.116%
36	12.057	1588	1593	1600	rBV3	60317	119225	2.32%	0.161%
37	12.386	1645	1649	1653	rBV4	29626	47927	0.93%	0.065%
38	12.533	1670	1674	1680	rBV6	43907	76118	1.48%	0.103%
39	12.610	1683	1687	1693	rVB3	101784	158174	3.08%	0.213%
40	12.680	1694	1699	1702	rBV7	40175	85169	1.66%	0.115%
41	12.722	1702	1706	1710	rVB	126145	178218	3.47%	0.240%
42	12.780	1711	1716	1722	rBV5	76510	156945	3.06%	0.211%
43	12.957	1742	1746	1749	rBV	122978	182690	3.56%	0.246%
44	13.610	1852	1857	1863	rVB2	580022	974267	19.00%	1.313%
45	13.680	1863	1869	1873	rVV2	256018	476037	9.28%	0.641%
46	13.727	1873	1877	1886	rVB3	105484	234519	4.57%	0.316%
47	13.898	1901	1906	1909	rBV	359303	573661	11.19%	0.773%
48	13.927	1909	1911	1918	rVB	258610	376917	7.35%	0.508%
49	14.021	1923	1927	1934	rVB	419628	660213	12.87%	0.890%
50	14.098	1936	1940	1945	rBV3	77961	141867	2.77%	0.191%
51	14.157	1946	1950	1954	rVV2	150245	268742	5.24%	0.362%
52	14.210	1954	1959	1965	rVB2	905635	1402681	27.35%	1.890%
53	14.274	1966	1970	1977	rBV4	131156	287987	5.62%	0.388%
54	14.610	2024	2027	2031	rVB	88892	101883	1.99%	0.137%
55	14.727	2044	2047	2054	rVB3	104994	169169	3.30%	0.228%
56	14.916	2076	2079	2086	rVB4	104509	181845	3.55%	0.245%
57	14.986	2087	2091	2097	rBV2	242812	364959	7.12%	0.492%
58	15.204	2124	2128	2133	rVB	420321	595884	11.62%	0.803%
59	15.263	2135	2138	2142	rVB	121359	161325	3.15%	0.217%
60	15.468	2169	2173	2184	rVB	212454	367939	7.17%	0.496%
61	15.945	2248	2254	2267	rVB2	565152	1034361	20.17%	1.394%
62	16.768	2390	2394	2406	rVB2	357015	695990	13.57%	0.938%
63	16.968	2422	2428	2431	rBV	1105757	1669558	32.55%	2.250%
64	17.009	2431	2435	2440	rVV	1702497	2262049	44.10%	3.048%
65	17.062	2440	2444	2447	rVV	517197	719659	14.03%	0.970%
66	17.098	2447	2450	2454	rVB	342396	431490	8.41%	0.581%
67	17.839	2572	2576	2580	rBV	335286	510766	9.96%	0.688%
68	17.886	2581	2584	2589	rVB	461044	616031	12.01%	0.830%
69	18.033	2604	2609	2613	rBV2	520610	873252	17.03%	1.177%
70	18.068	2613	2615	2624	rVB	280582	402245	7.84%	0.542%
71	18.239	2641	2644	2650	rBV2	164363	238277	4.65%	0.321%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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-BM072715.M
Title : SVOA CALIBRATION

72	18.345	2658	2662	2665	rBV	214703	265662	5.18%	0.358%
73	18.398	2667	2671	2674	rVB	173807	232314	4.53%	0.313%
74	18.580	2699	2702	2710	rVB2	367060	530721	10.35%	0.715%
75	18.768	2731	2734	2740	rBV	177284	311000	6.06%	0.419%
76	19.039	2775	2780	2785	rBV	2633272	3465176	67.56%	4.670%
77	19.092	2785	2789	2794	rVV2	268590	368872	7.19%	0.497%
78	19.180	2801	2804	2809	rVB3	191267	271803	5.30%	0.366%
79	19.280	2819	2821	2825	rVB	144967	148179	2.89%	0.200%
80	19.374	2833	2837	2839	rBV3	909387	1272835	24.82%	1.715%
81	19.409	2839	2843	2850	rVB	2751032	3755401	73.22%	5.061%
82	20.639	3049	3052	3054	rBV	464136	522586	10.19%	0.704%
83	21.086	3125	3128	3133	rVB	800973	862592	16.82%	1.162%
84	21.174	3137	3143	3148	rVV2	1775740	3934134	76.71%	5.301%
85	21.215	3148	3150	3159	rVB	1283418	1589223	30.99%	2.142%
86	21.674	3225	3228	3231	rBV2	565937	632575	12.33%	0.852%
87	21.821	3249	3253	3258	rBV4	922826	1230843	24.00%	1.659%
88	21.968	3275	3278	3281	rBV3	480068	673440	13.13%	0.908%
89	22.286	3328	3332	3338	rBV2	812255	1628934	31.76%	2.195%
90	22.374	3340	3347	3352	rVB2	1685618	3927299	76.57%	5.292%
91	22.480	3360	3365	3371	rBV4	1613752	3390081	66.10%	4.568%
92	22.544	3371	3376	3379	rBV	1811028	3438220	67.04%	4.633%
93	22.627	3386	3390	3393	rBV3	841624	1211879	23.63%	1.633%
94	22.680	3393	3399	3403	rBV3	1947680	3804602	74.18%	5.127%
95	22.739	3403	3409	3413	rBV2	2360376	5128813	100.00%	6.911%
96	22.815	3419	3422	3429	rVB2	1346655	1968535	38.38%	2.653%
97	22.886	3429	3434	3441	rBV3	1013475	2087016	40.69%	2.812%
98	22.950	3441	3445	3449	rBV2	987350	1574426	30.70%	2.122%
99	23.027	3455	3458	3466	rVB3	1314305	2594553	50.59%	3.496%
100	23.391	3516	3520	3524	rVB2	621545	979454	19.10%	1.320%

Sum of corrected areas: 74208182

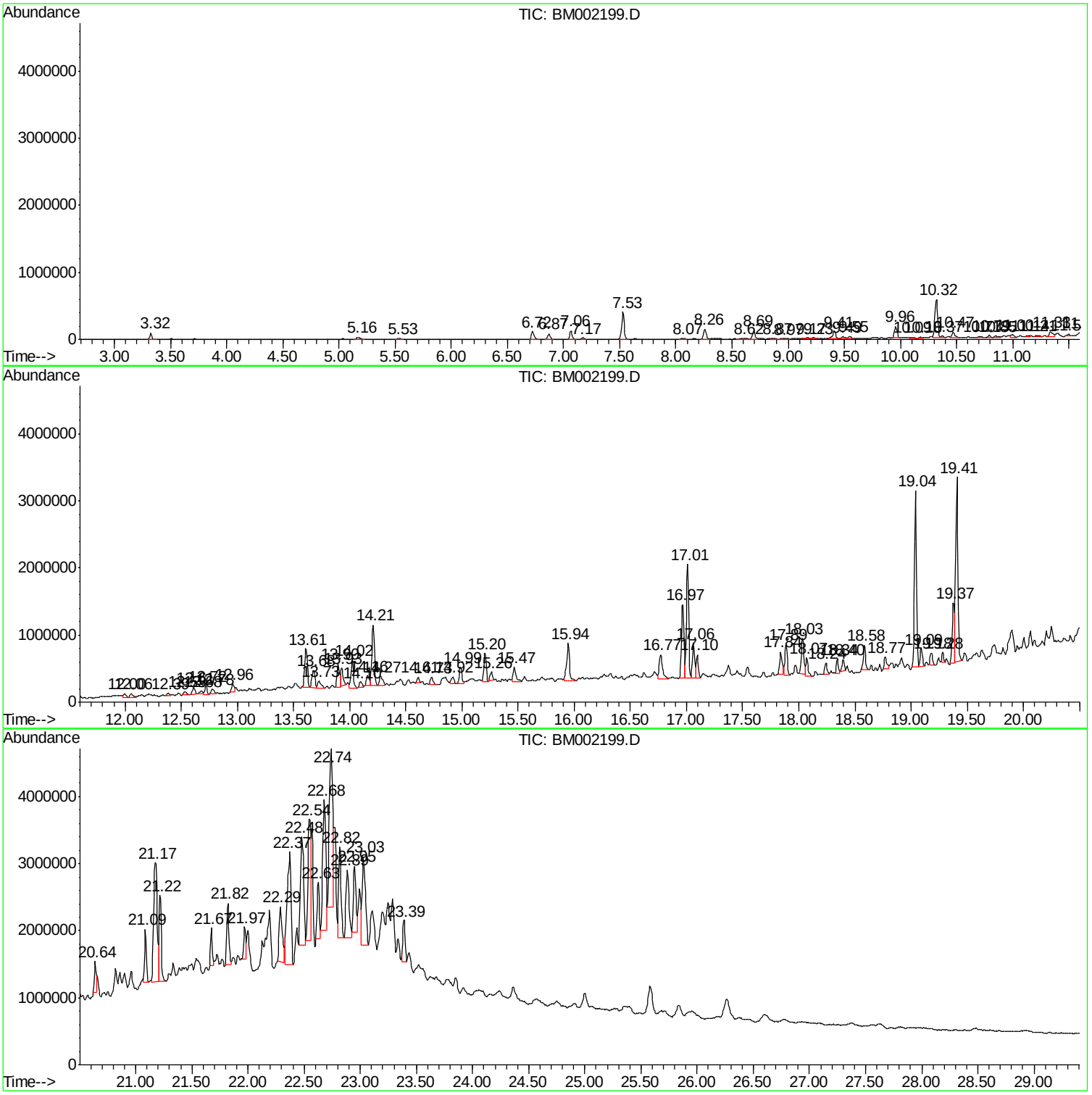
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

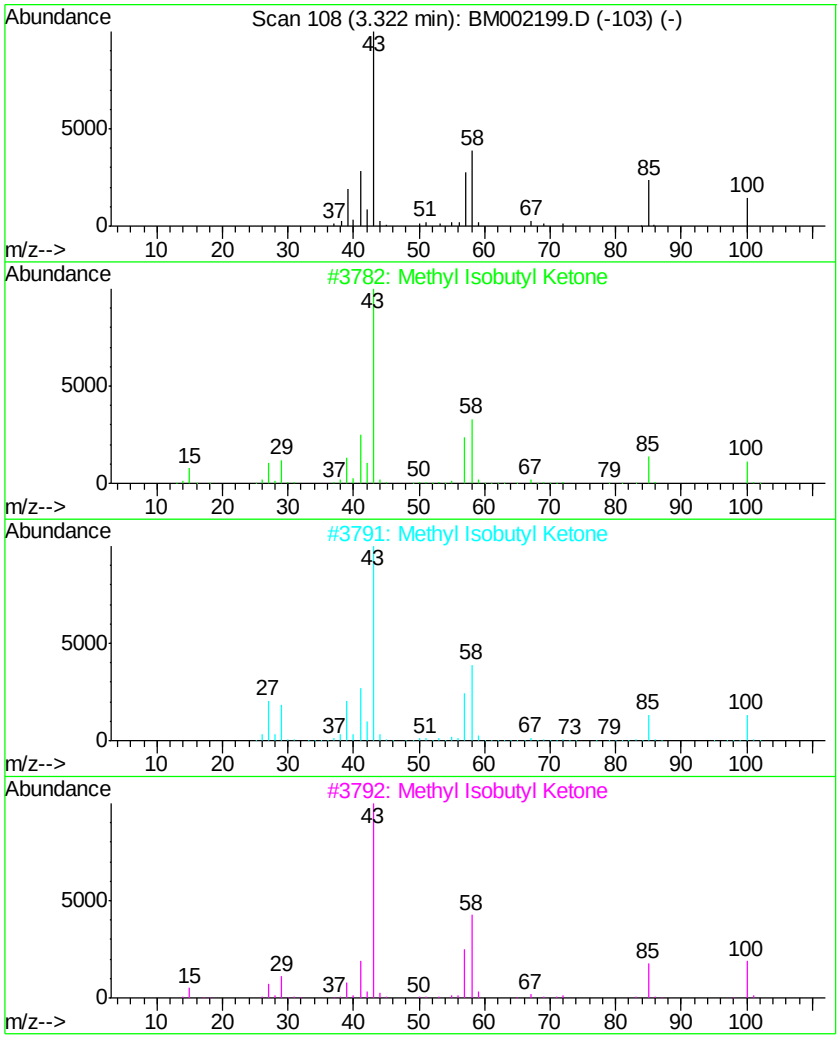
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

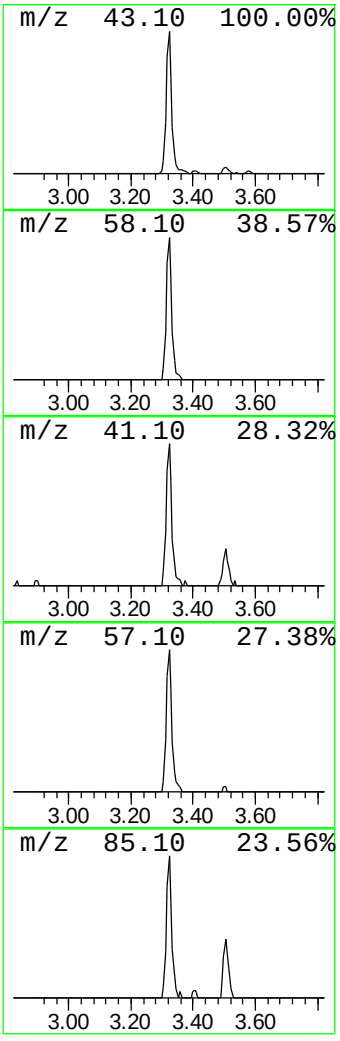
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	3.81 ng/ul	118377	1,4-Dichlorobenzene-d4	7.53

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	64
4	2-Hexanone	100	C6H12O	000591-78-6	53
5	2,4-Pentanedione	100	C5H8O2	000123-54-6	46





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

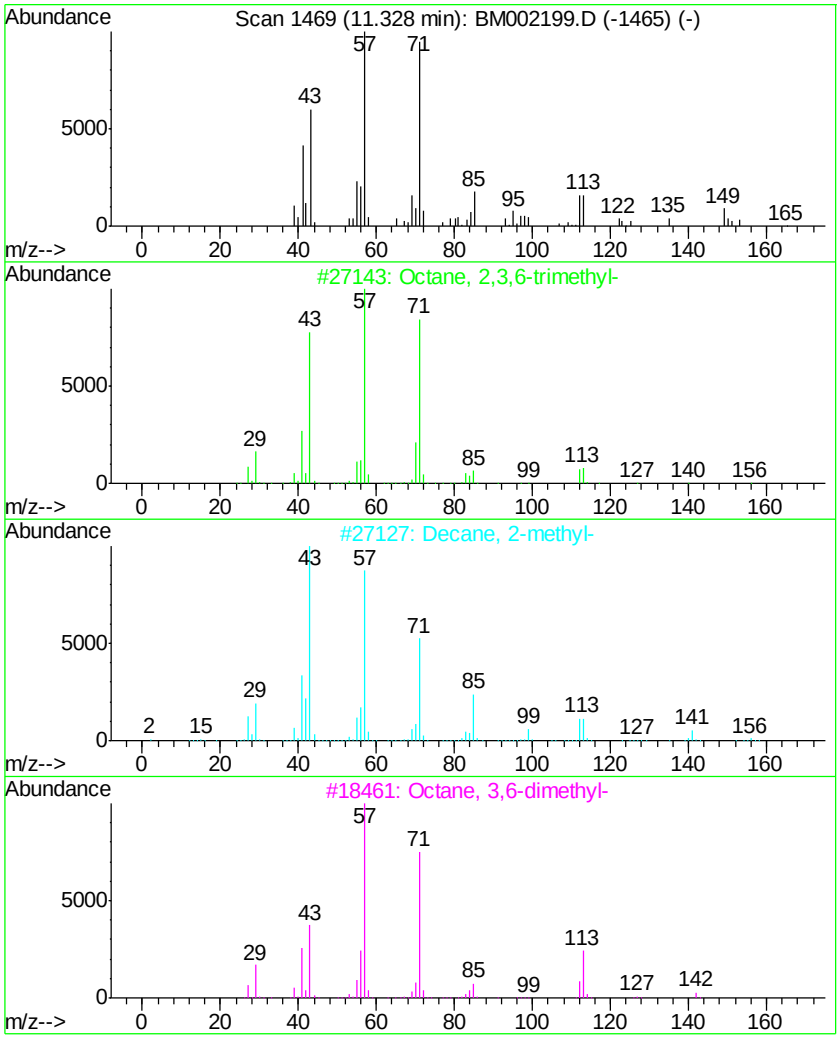
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

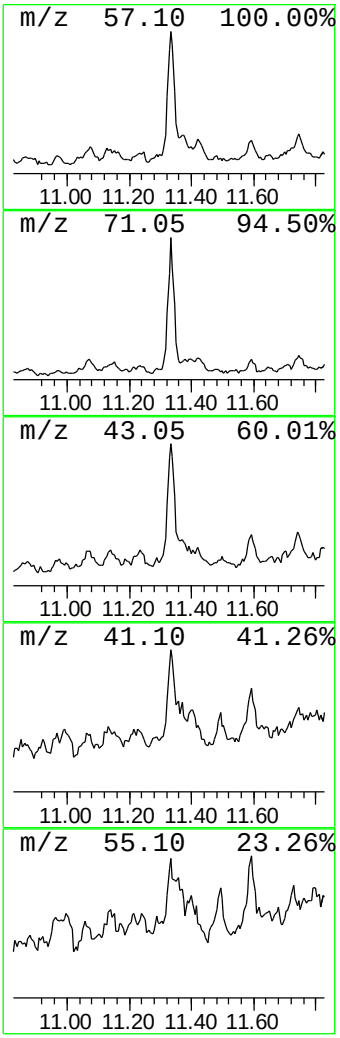
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.44 ng/ul	166272	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

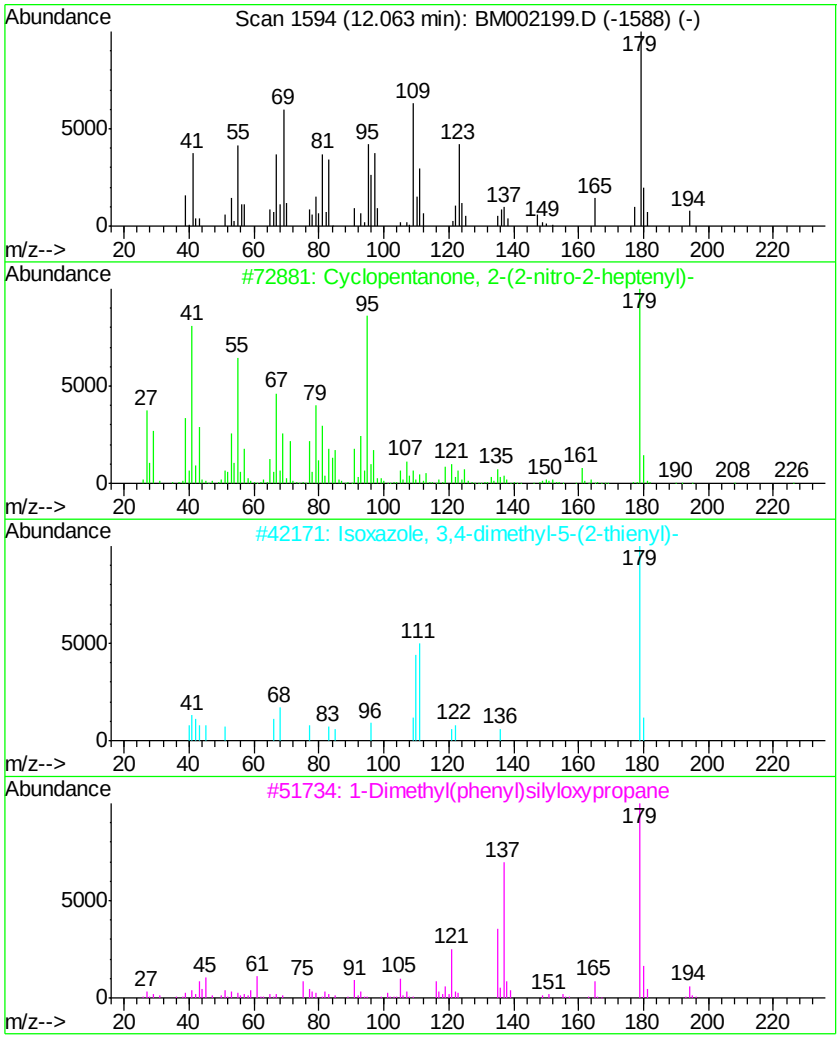
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

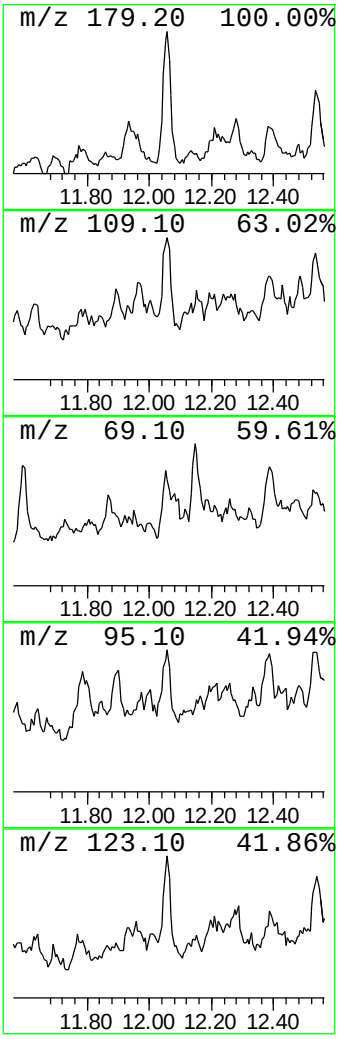
****

Peak Number 4 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.47 ng/ul	119225	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-(2-nitro-2-hep...	225	C12H19NO3	104313-57-7	25
2	Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	22
3	1-Dimethyl(phenyl)silyloxypropane	194	C11H18OSi	013360-21-9	22
4	Benzoic acid, 2-acetyl-3-methoxy-	194	C10H10O4	120714-42-3	14
5	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

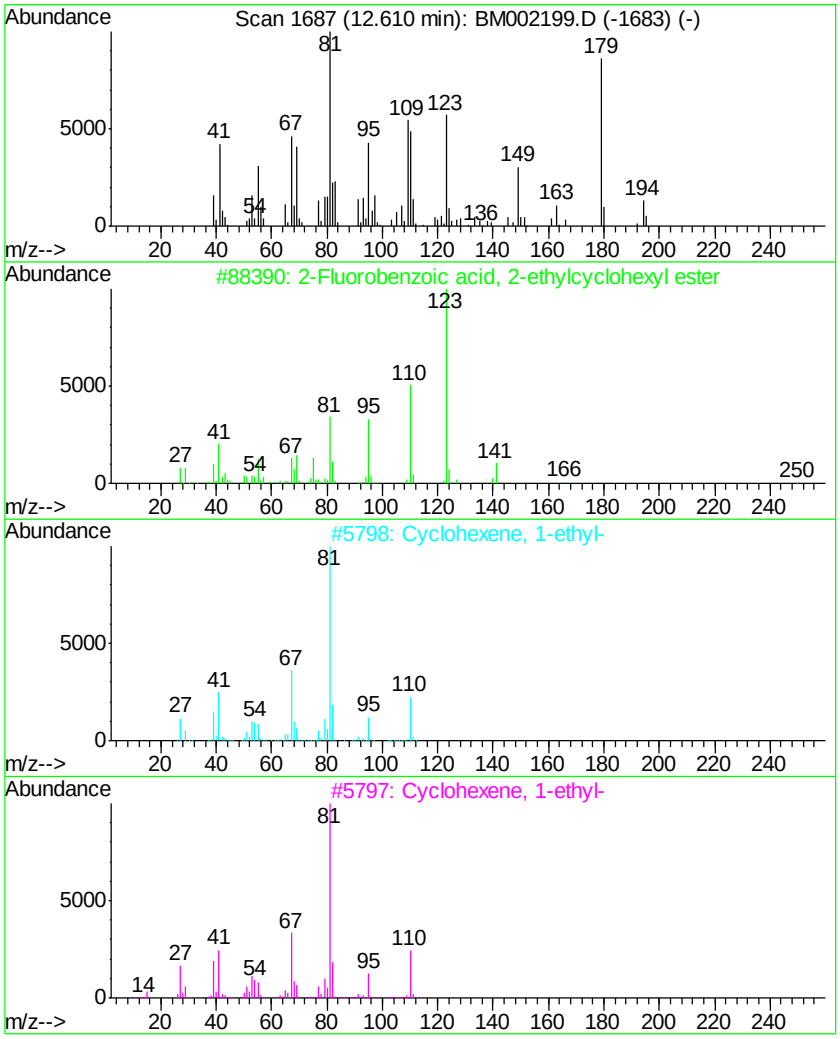
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

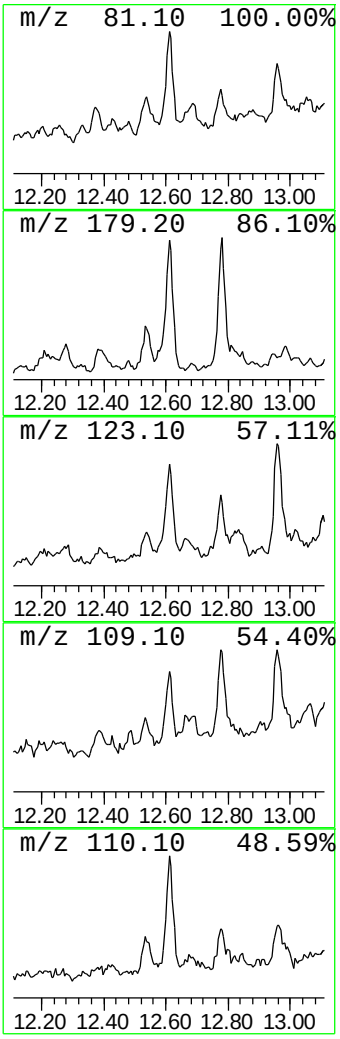
****

Peak Number 5 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.26 ng/ul	158174	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	22
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22
5	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	20





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

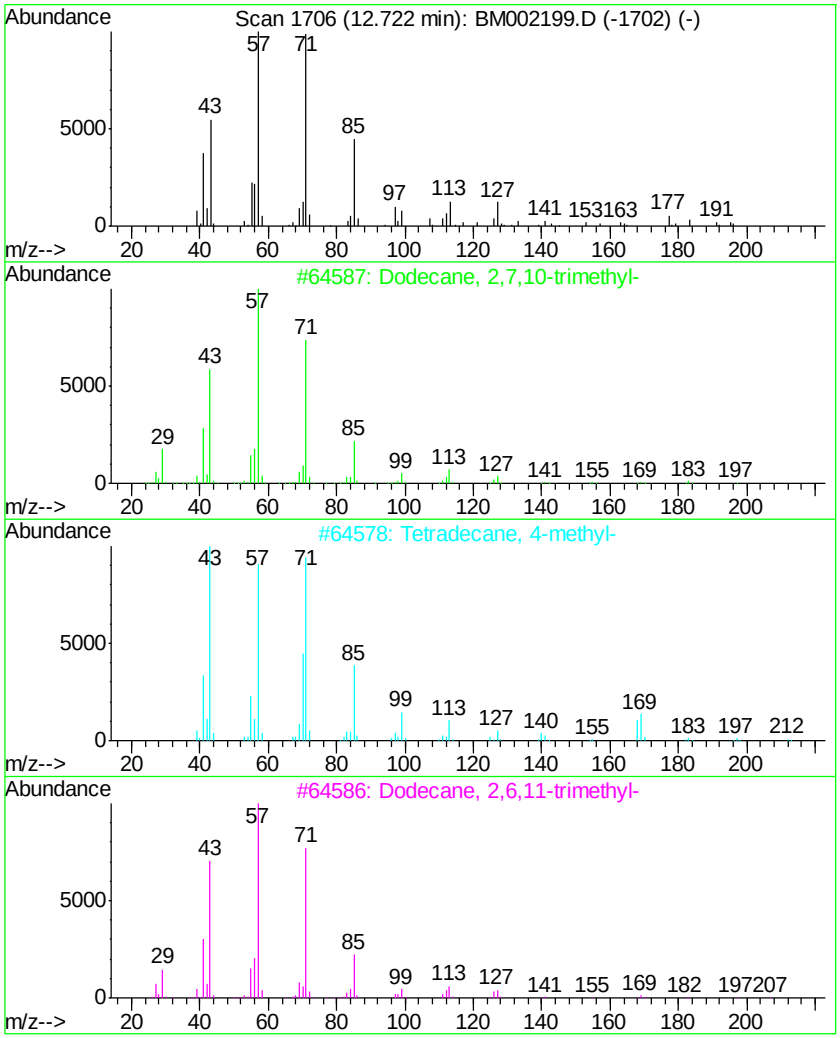
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

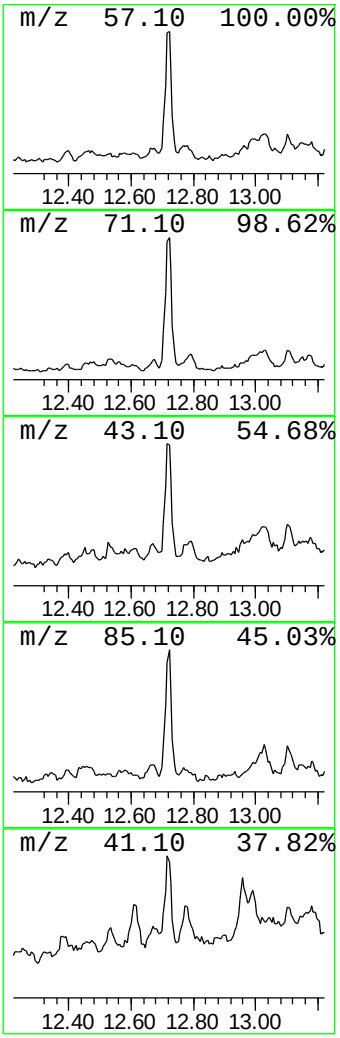
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.54 ng/ul	178218	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Library Search Compound Report

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Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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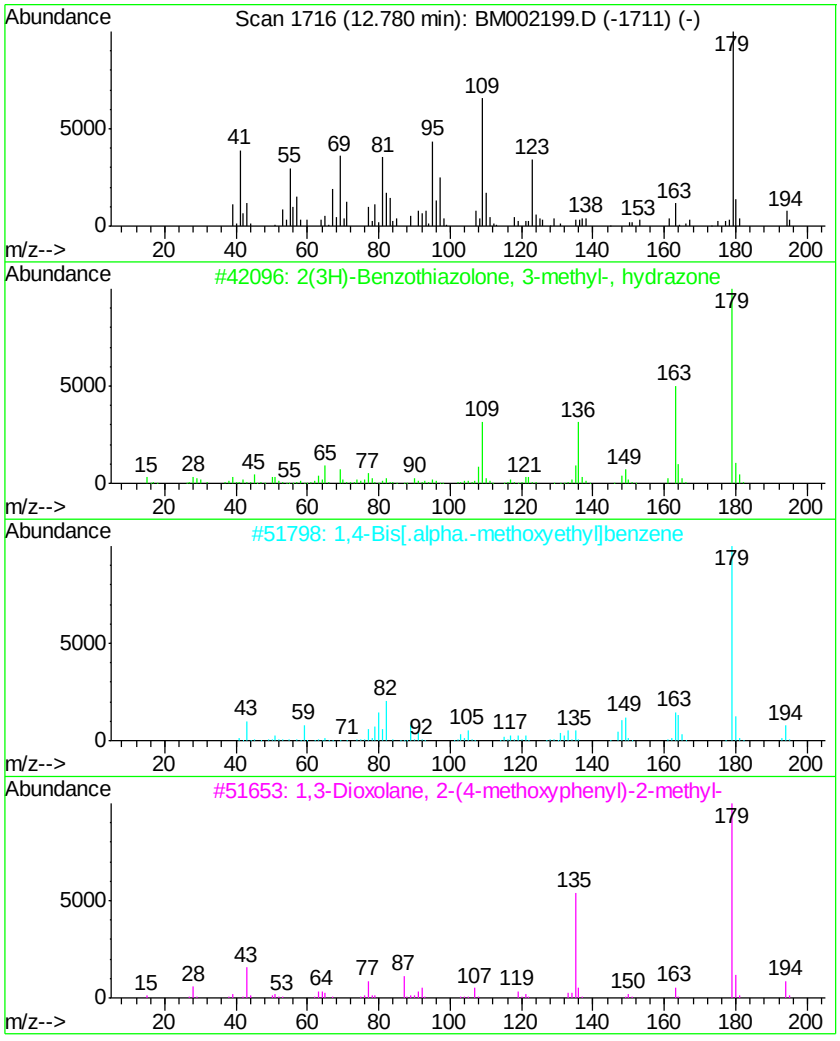
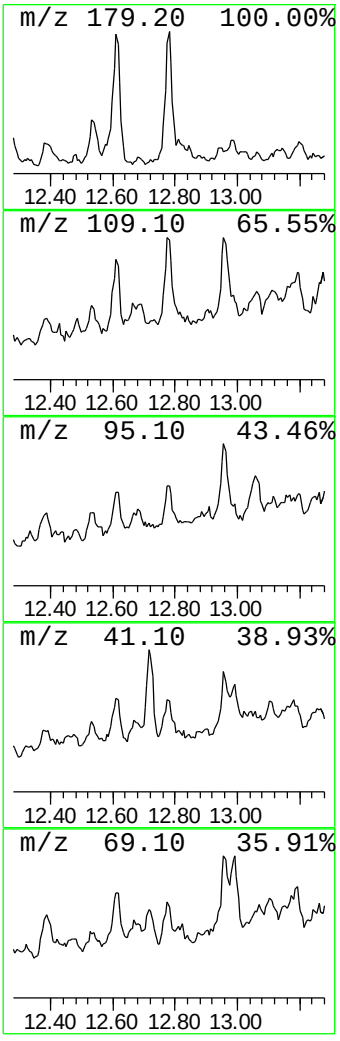
Peak Number 7 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.24 ng/ul	156945	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	43
2	1,4-Bis[.alpha.-methoxyethyl]ben...	194	C12H18O2	129770-42-9	30
3	1,3-Dioxolane, 2-(4-methoxyphenyl...	194	C11H14O3	036881-00-2	27
4	Benzofuroxan-5-carboxamide	179	C7H5N3O3	036389-09-0	27
5	Acridine	179	C13H9N	000260-94-6	25





Library Search Compound Report

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Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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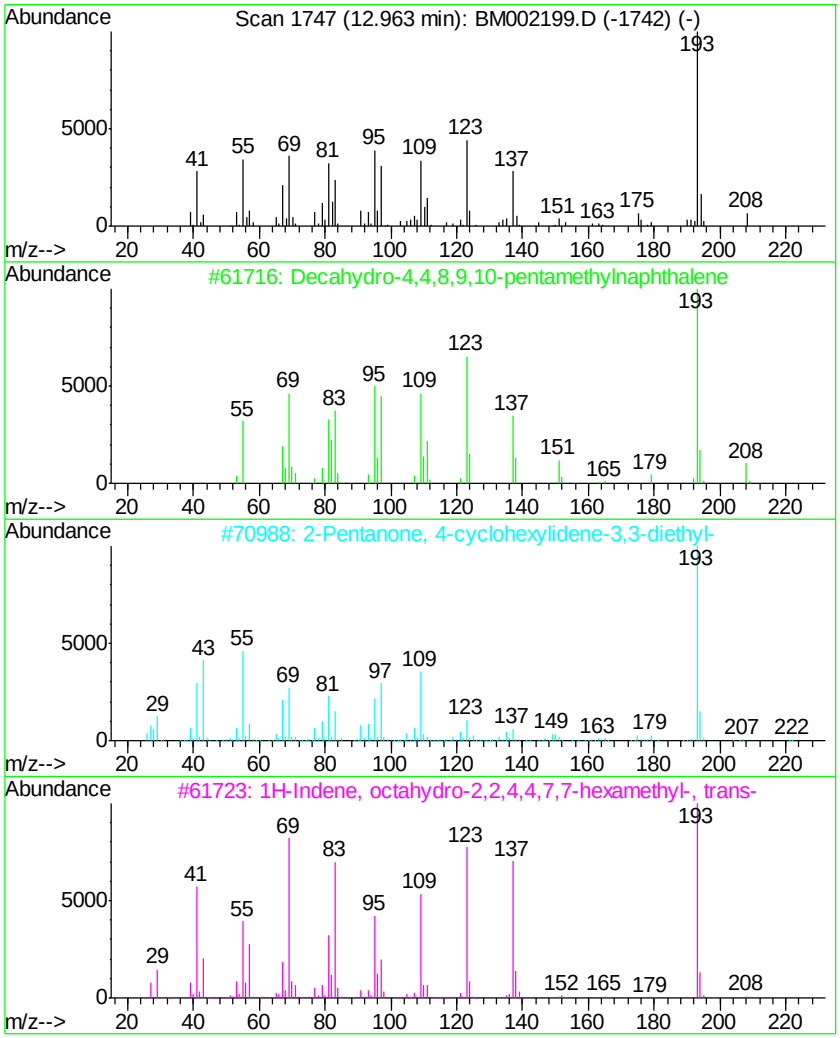
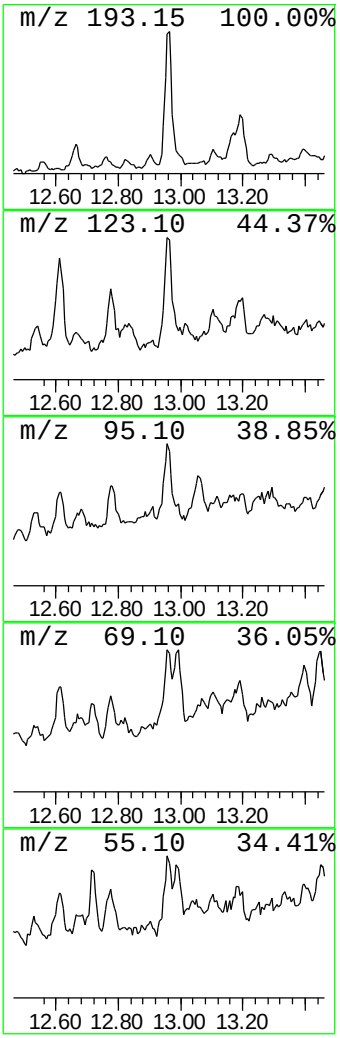
Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.60 ng/ul	182690	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	93
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
4	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	38
5	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	37





Library Search Compound Report

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Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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Quant Title : SVOA CALIBRATION

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

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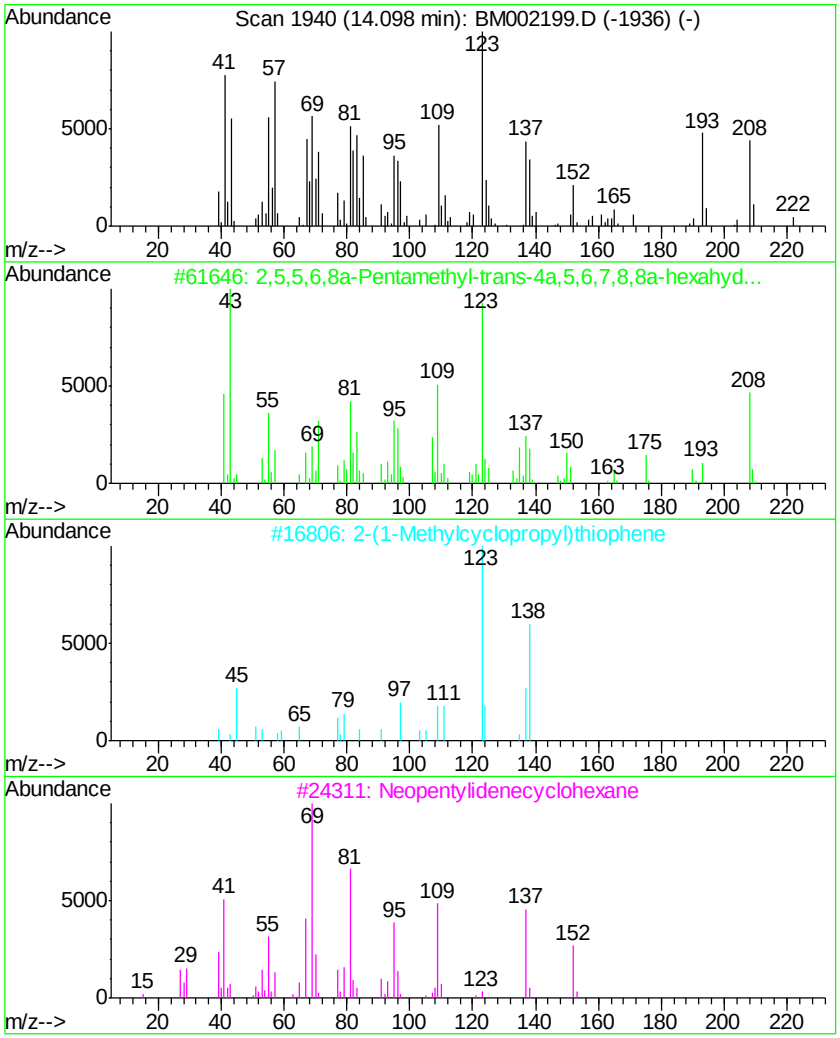
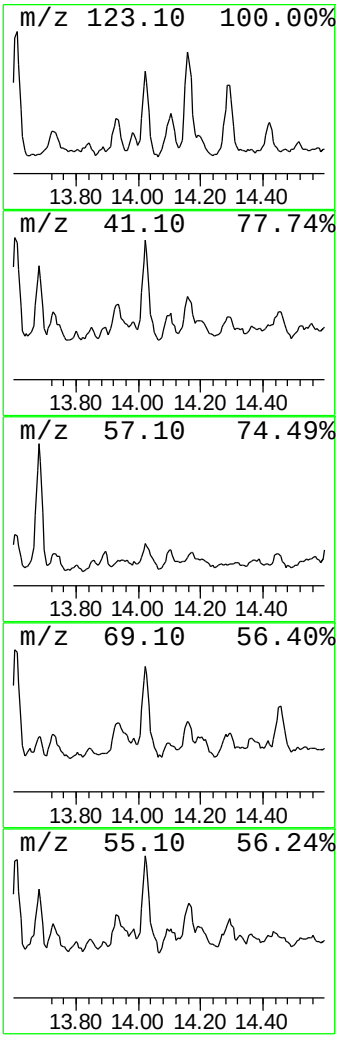
Peak Number 11 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.02 ng/ul	141867	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,6,8a-Pentamethyl-trans-4a,...	208	C14H24O	1000215-77-8	47
2	2-(1-Methylcyclopropyl)thiophene	138	C8H10S	1000100-02-7	35
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	35
4	3,7-Dimethyl-6-nonen-1-ol acetate	212	C13H24O2	1000131-34-9	27
5	2-(2-Methylcyclopropyl)thiophene	138	C8H10S	087688-54-8	27





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Data File : BM002199.D
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Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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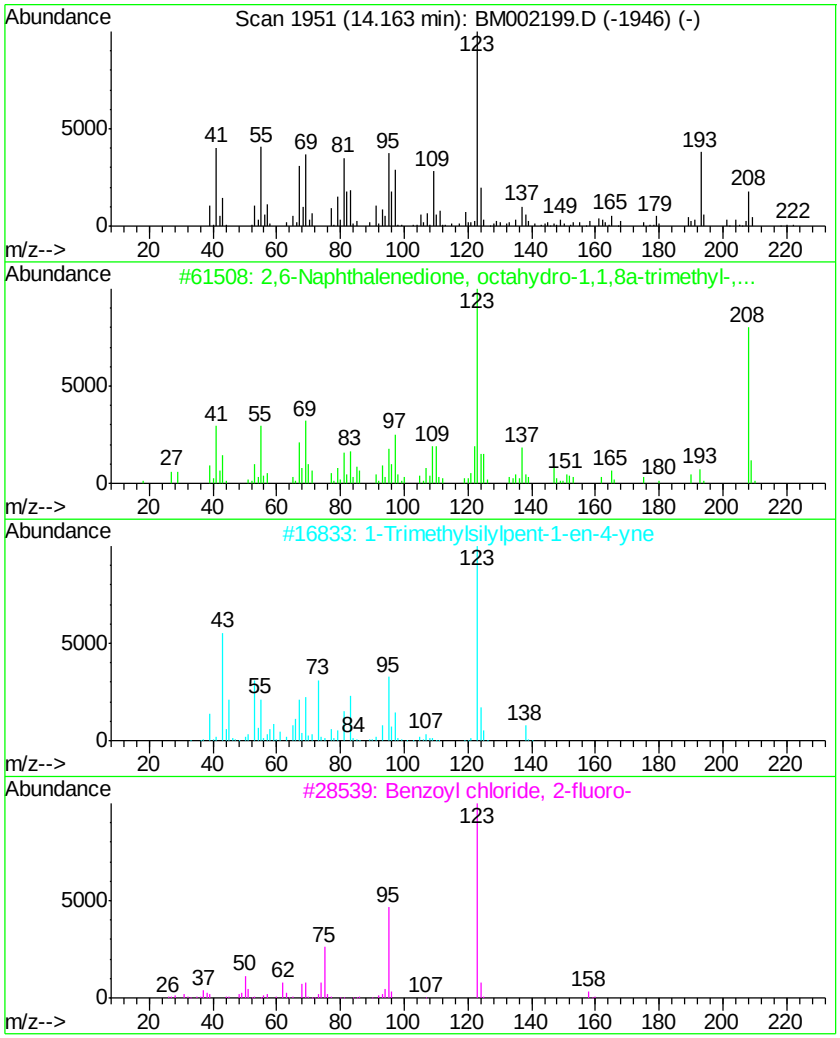
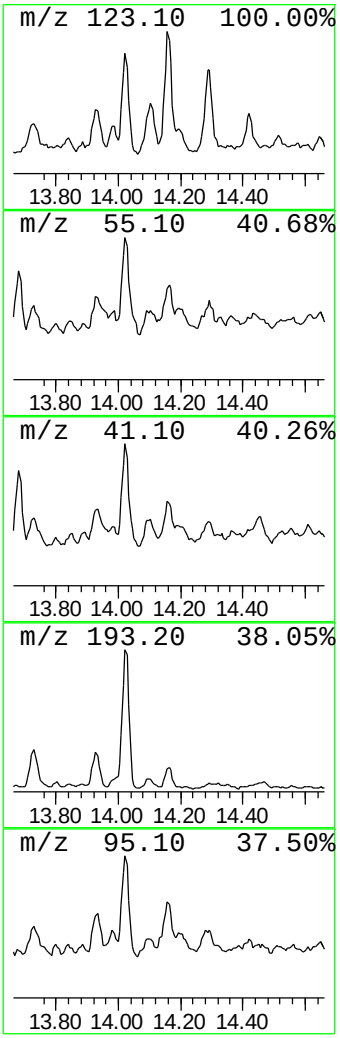
Peak Number 12 2,6-Naphthalenedione, octah... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	3.83 ng/ul	268742	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	50
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38
3	Benzoyl chloride, 2-fluoro-	158	C7H4ClFO	000393-52-2	38
4	Benzoyl chloride, 2-fluoro-	158	C7H4ClFO	000393-52-2	38
5	4-Chloro-2-isopropyl-5-methylphe...	306	C18H23ClO2	321918-37-0	38





Library Search Compound Report

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Data File : BM002199.D
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Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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Quant Title : SVOA CALIBRATION

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

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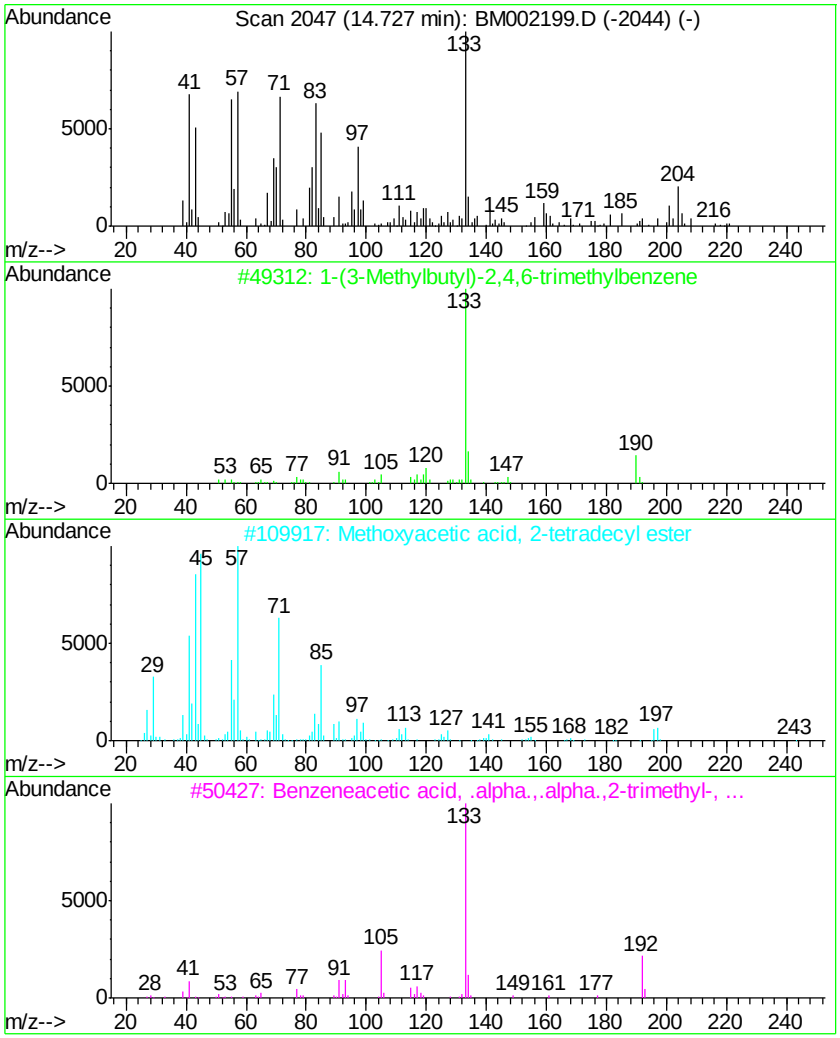
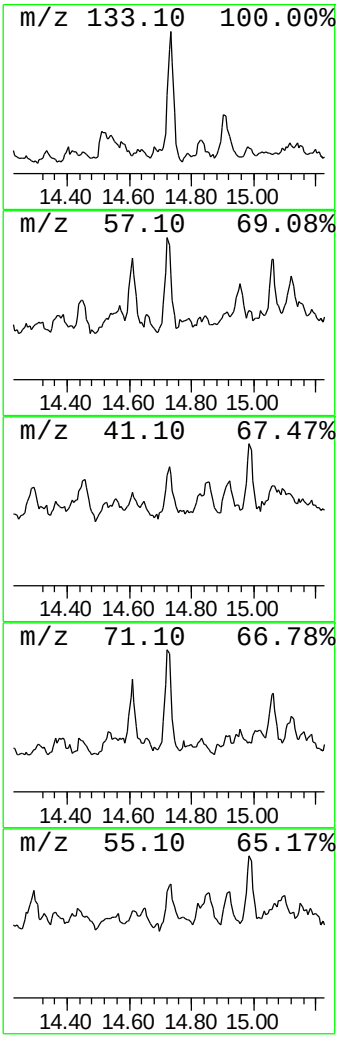
Peak Number 13 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.41 ng/ul	169169	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	25
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	22
3	Benzeneacetic acid, .alpha.,.alp...	192	C12H16O2	077846-89-0	18
4	1-Dodecene	168	C12H24	000112-41-4	14
5	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	14





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Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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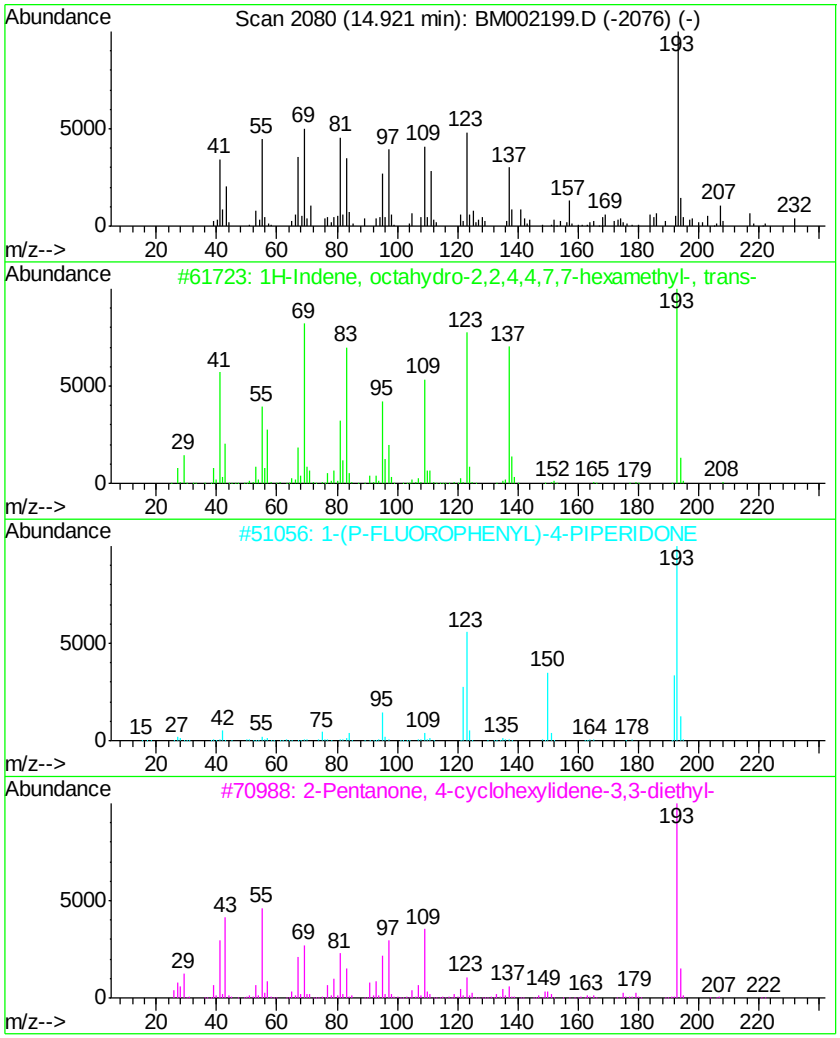
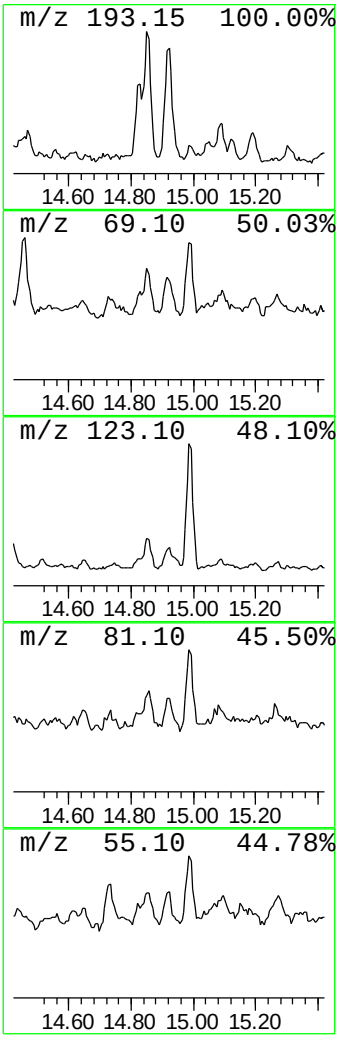
Peak Number 14 1H-Indene, octahydro-2,2,4,... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.59 ng/ul	181845	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	62
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4	1H-Pyrazole, 3,5-bis(1,1-dimethy...	208	C13H24N2	125281-21-2	25
5	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25





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Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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Quant Title : SVOA CALIBRATION

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

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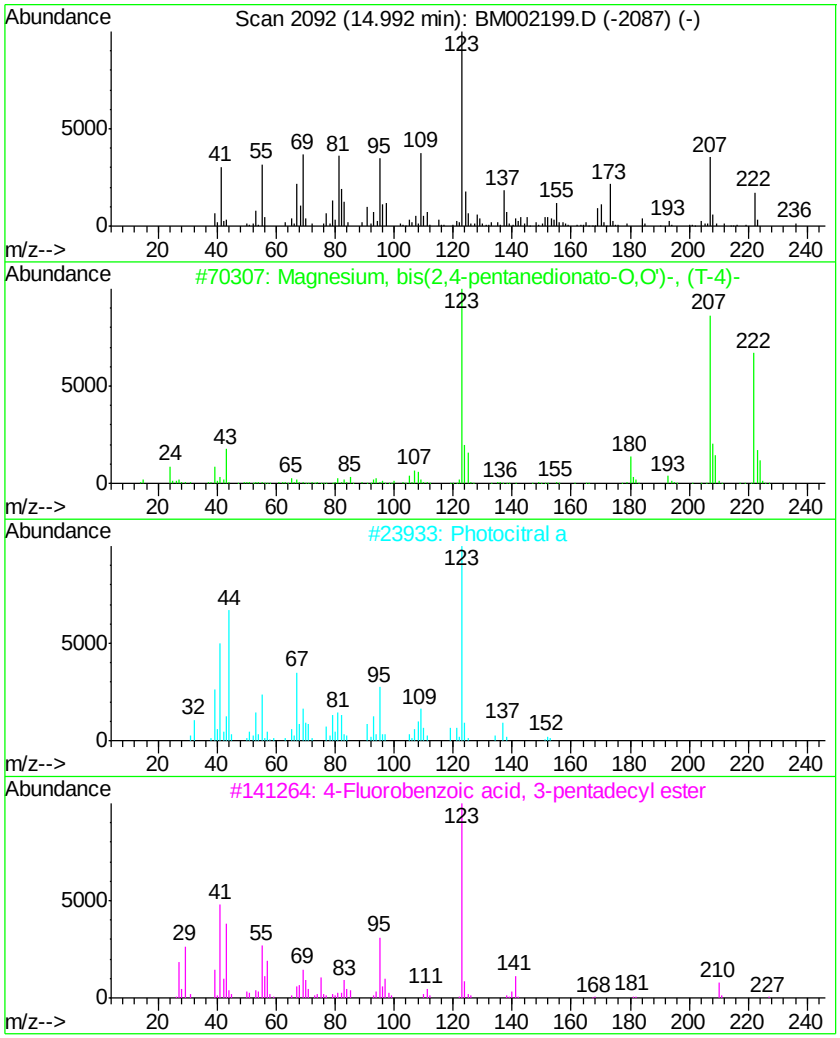
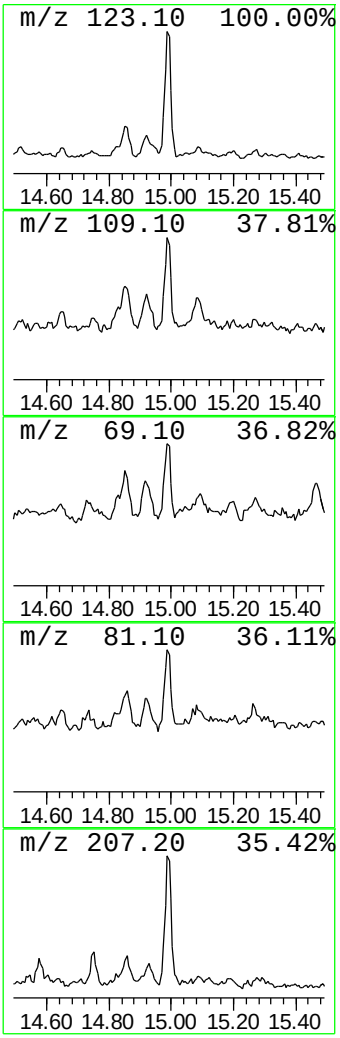
Peak Number 15 unknown-06 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.20 ng/ul	364959	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Magnesium, bis(2,4-pentanedionat...	222	C10H14MgO4	014024-56-7	43
2	Photocitral a	152	C10H16O	1000292-85-0	38
3	4-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-68-4	35
4	.alpha.-Chloro-4'-fluoropropioph...	186	C9H8ClFO	081112-09-6	35
5	2-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-61-4	35





Library Search Compound Report

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Sample : G3095-02
Misc :
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Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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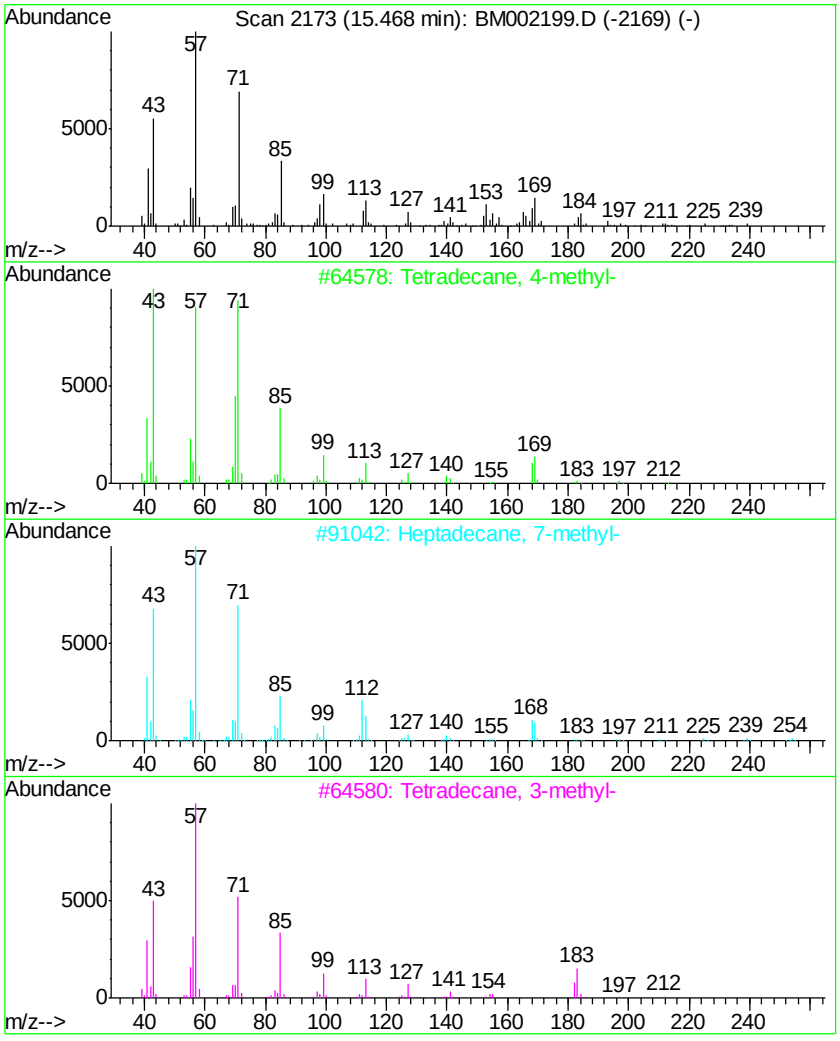
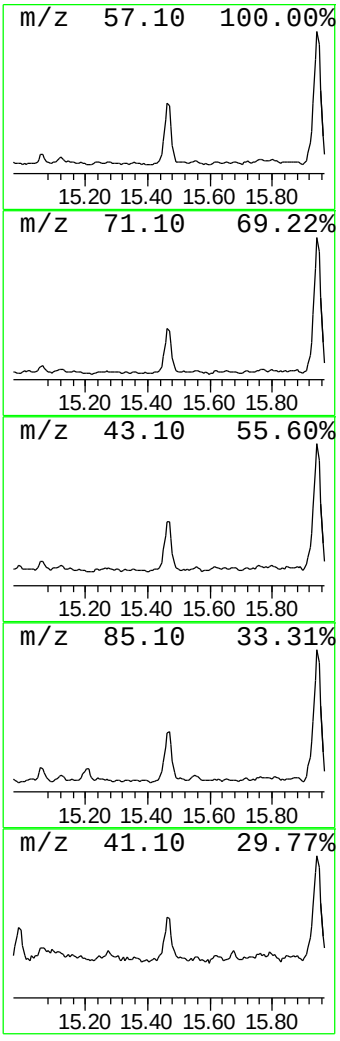
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.25 ng/ul	367939	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	89
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	70
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	62





Library Search Compound Report

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Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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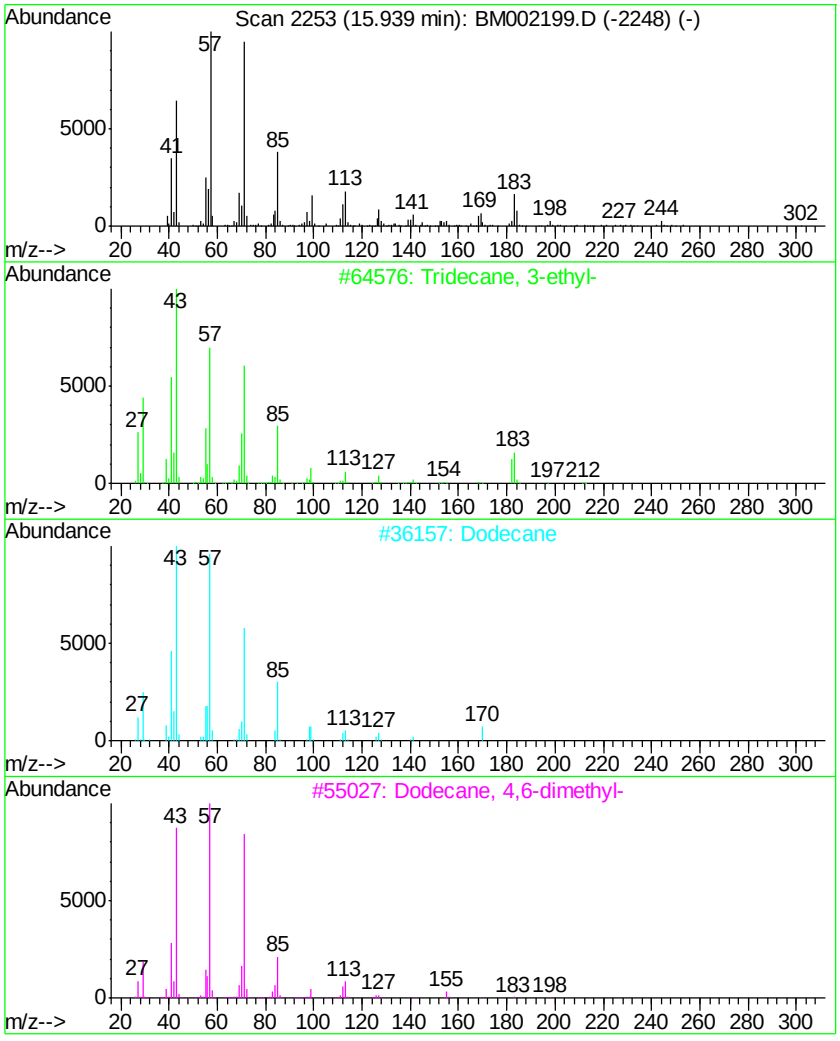
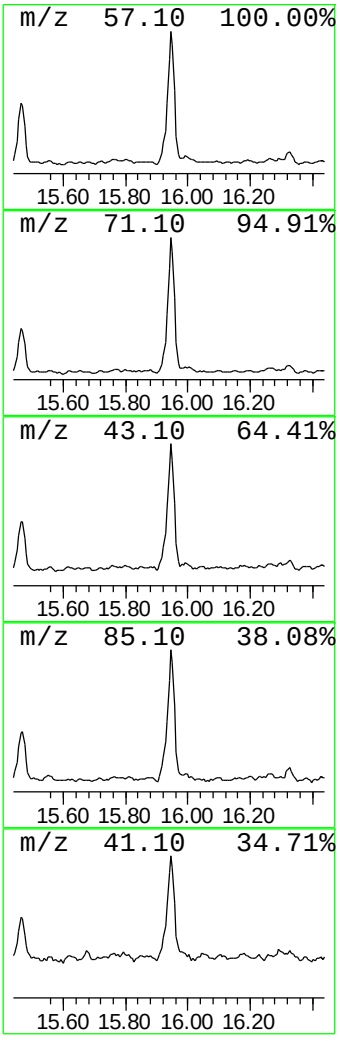
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	12.39 ng/ul	1034360	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	87
2	Dodecane	170	C12H26	000112-40-3	87
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72





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Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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Quant Title : SVOA CALIBRATION

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

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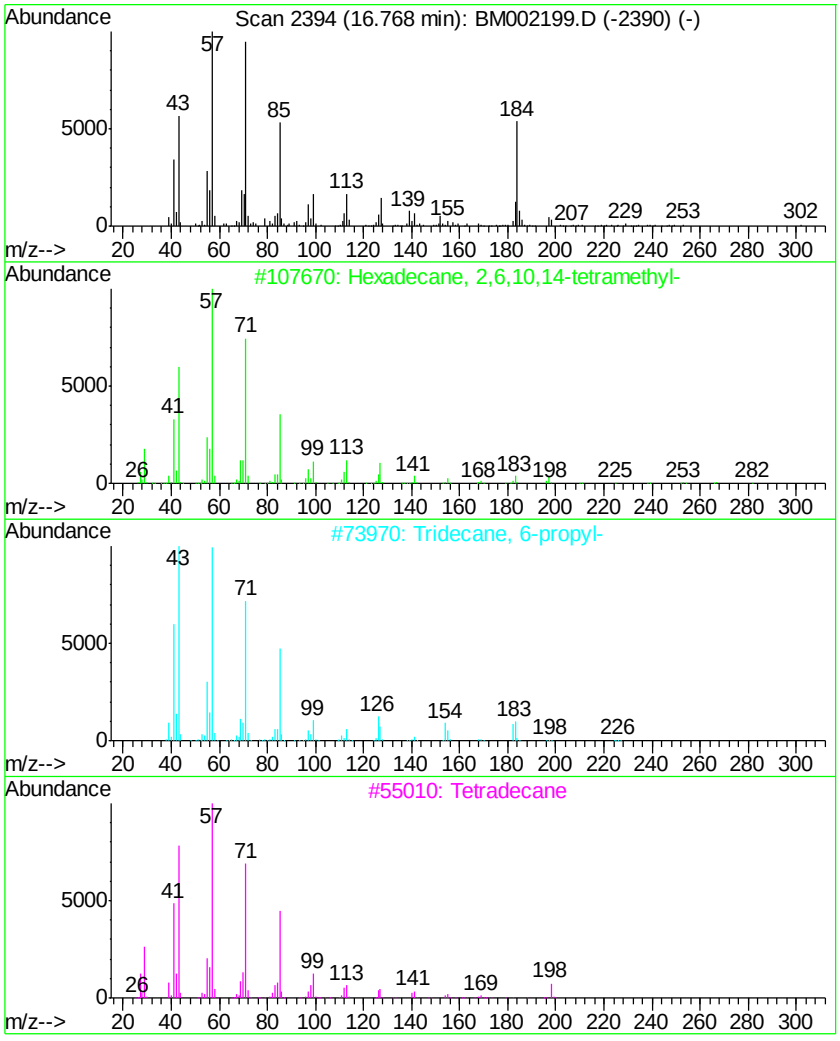
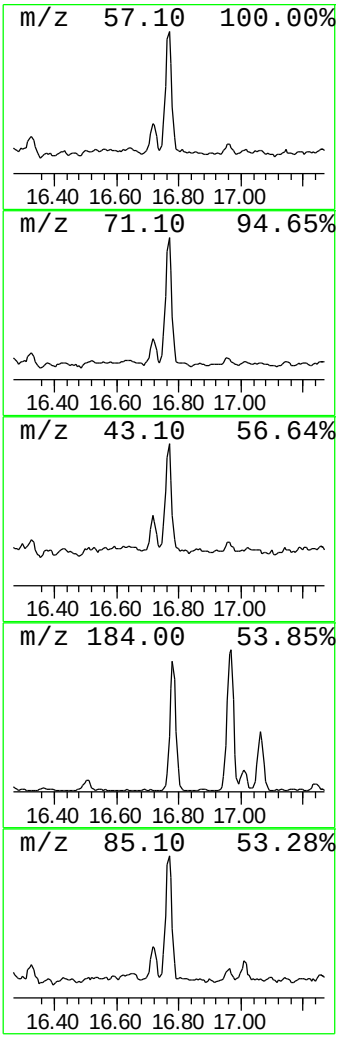
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	8.34 ng/ul	695990	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
3	Tetradecane	198	C14H30	000629-59-4	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tridecane	184	C13H28	000629-50-5	58





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Operator : TP/UM
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : C01Q6

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Quant Title : SVOA CALIBRATION

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

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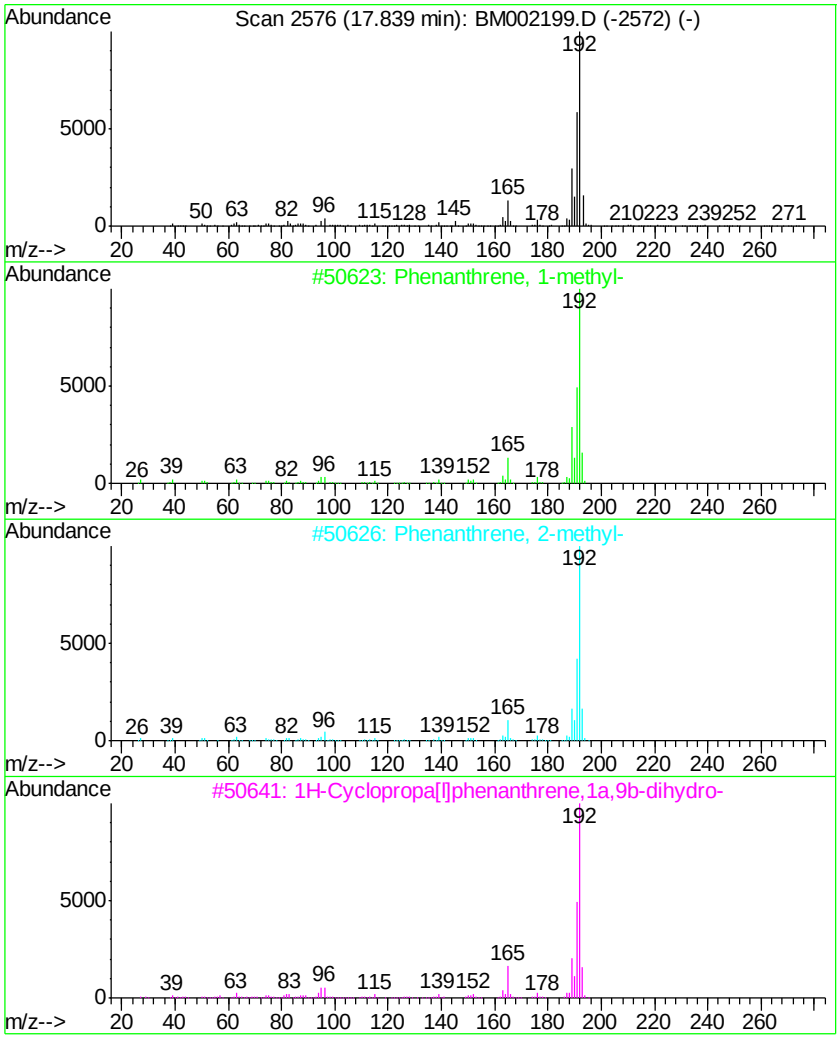
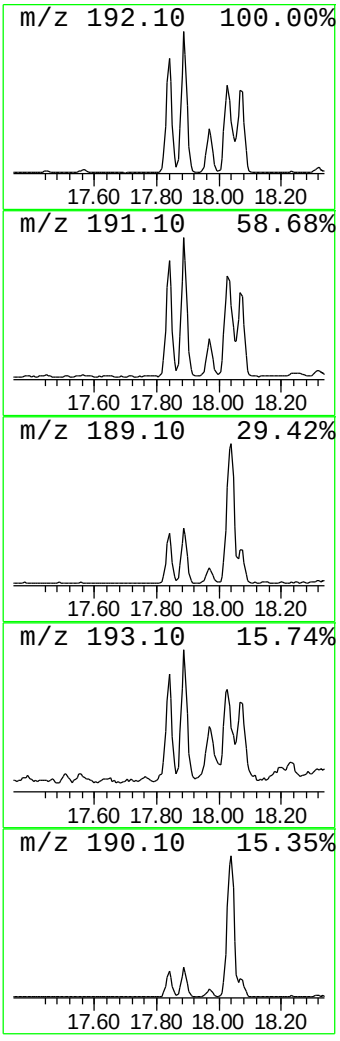
Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	6.12 ng/ul	510766	Phenanthrene-d10	16.97

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





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Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

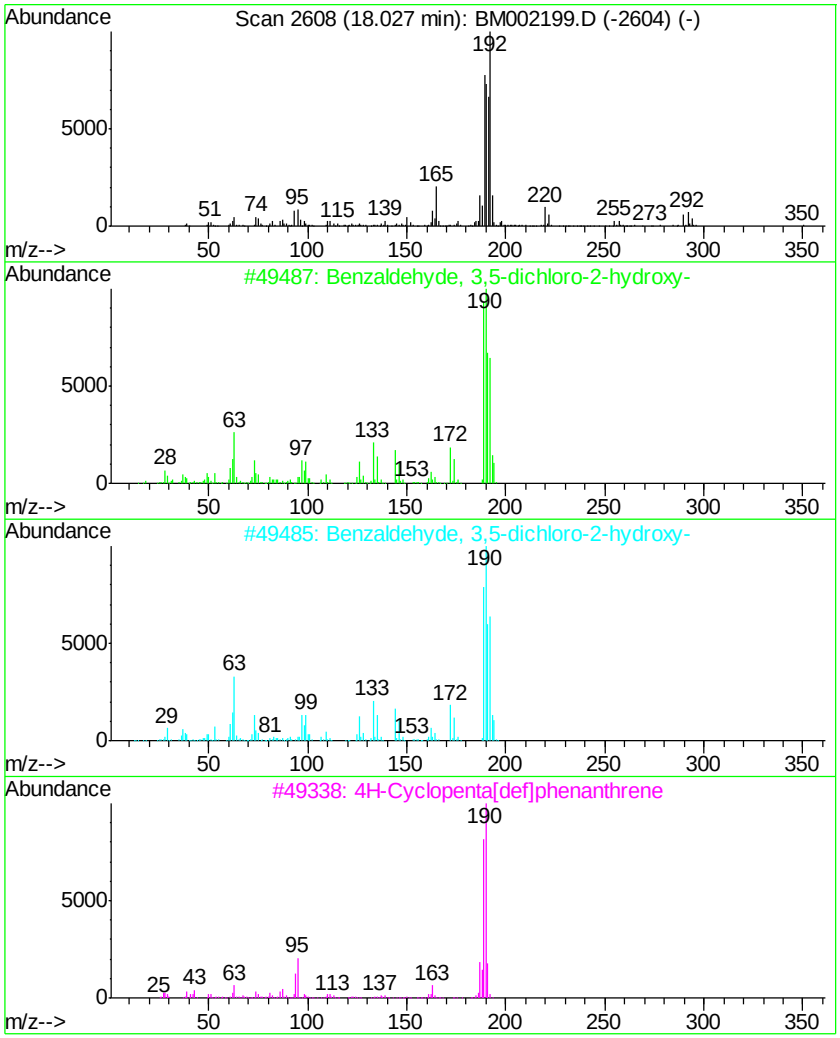
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

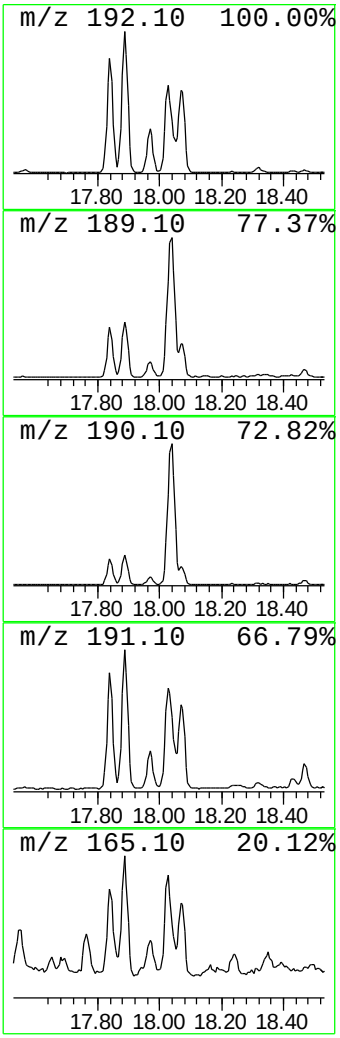
****

Peak Number 21 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	10.46 ng/ul	873252	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49





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Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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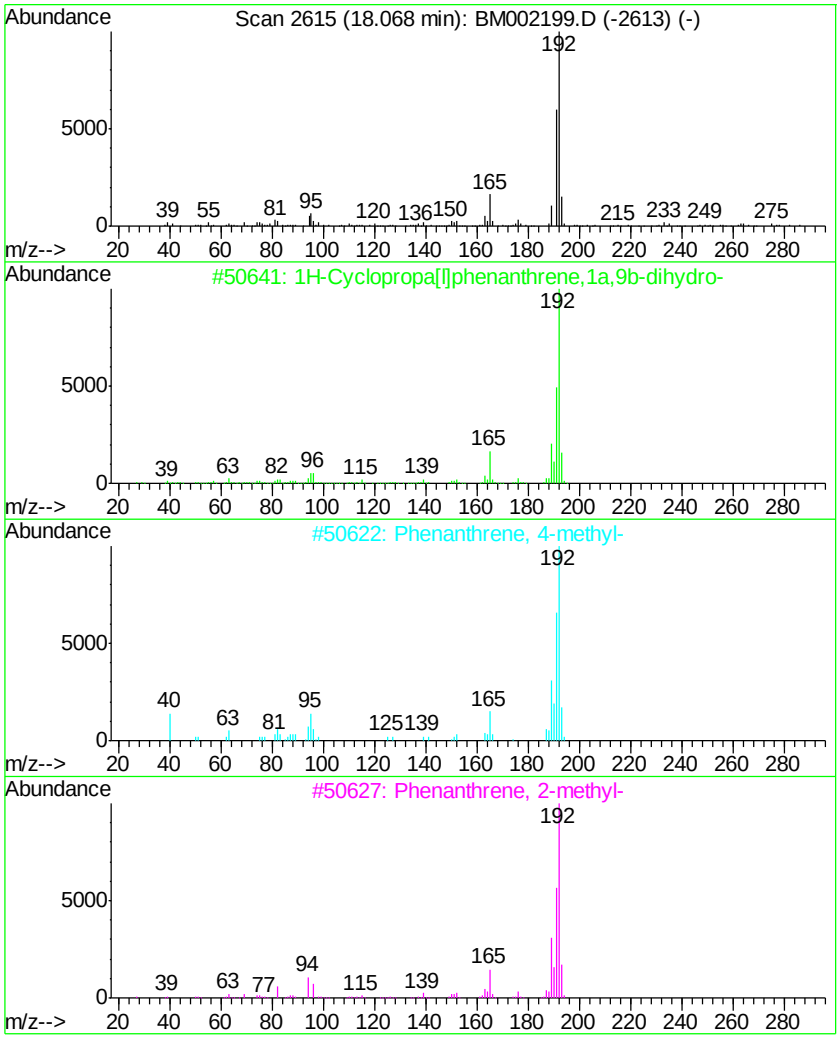
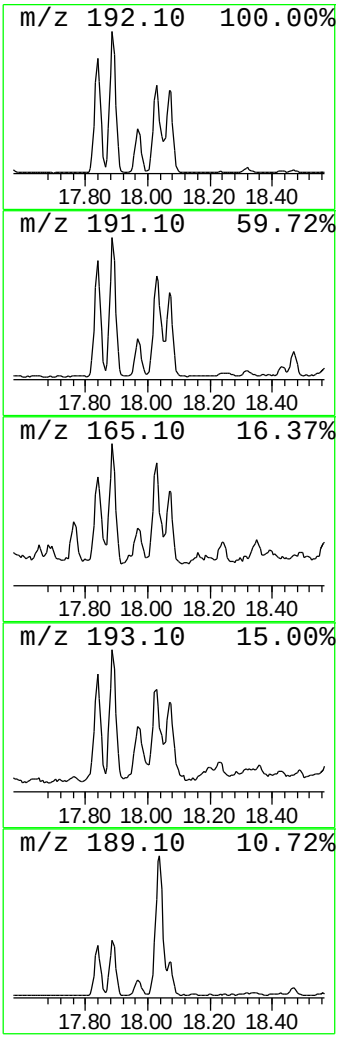
Peak Number 22 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.82 ng/ul	402245	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





Library Search Compound Report

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Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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Quant Title : SVOA CALIBRATION

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

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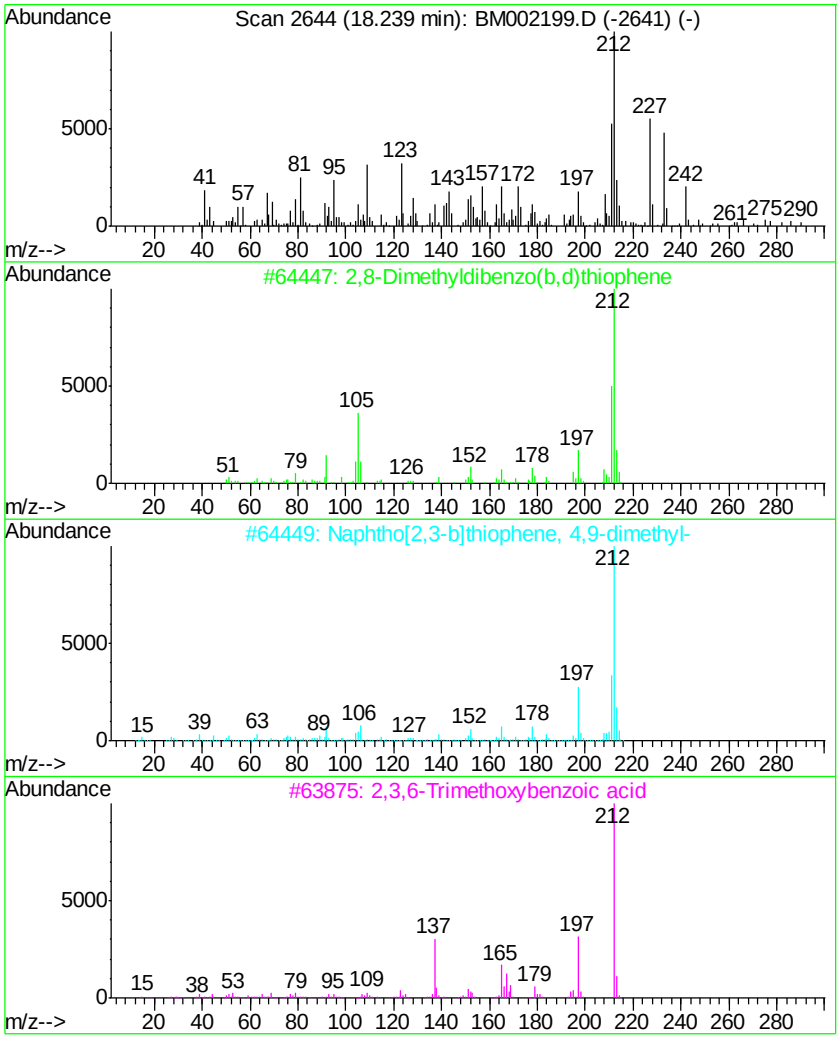
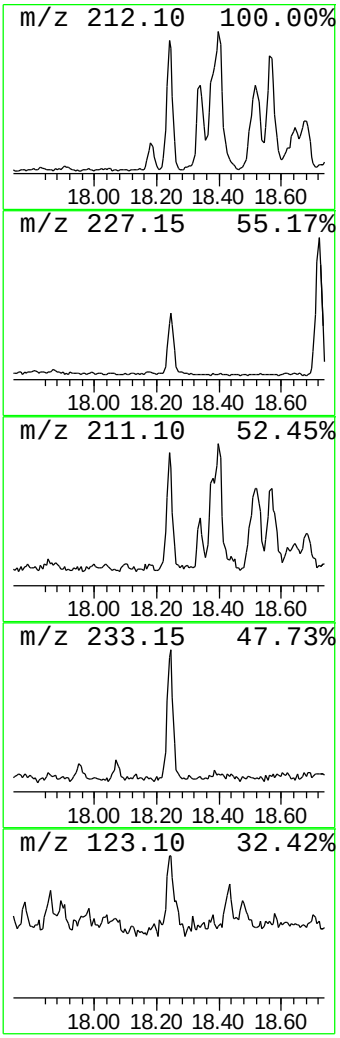
Peak Number 23 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.85 ng/ul	238277	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	64
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	41
3	2,3,6-Trimethoxybenzoic acid	212	C10H12O5	060241-74-9	35
4	(E)-2-Fluoro-3-(4-fluorophenyl)-...	212	C11H10F2O2	111055-87-9	35
5	2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	25





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Instrument : BNA_M
ClientSampleId : C01Q6

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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 24 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.18 ng/ul	265662	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	62
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
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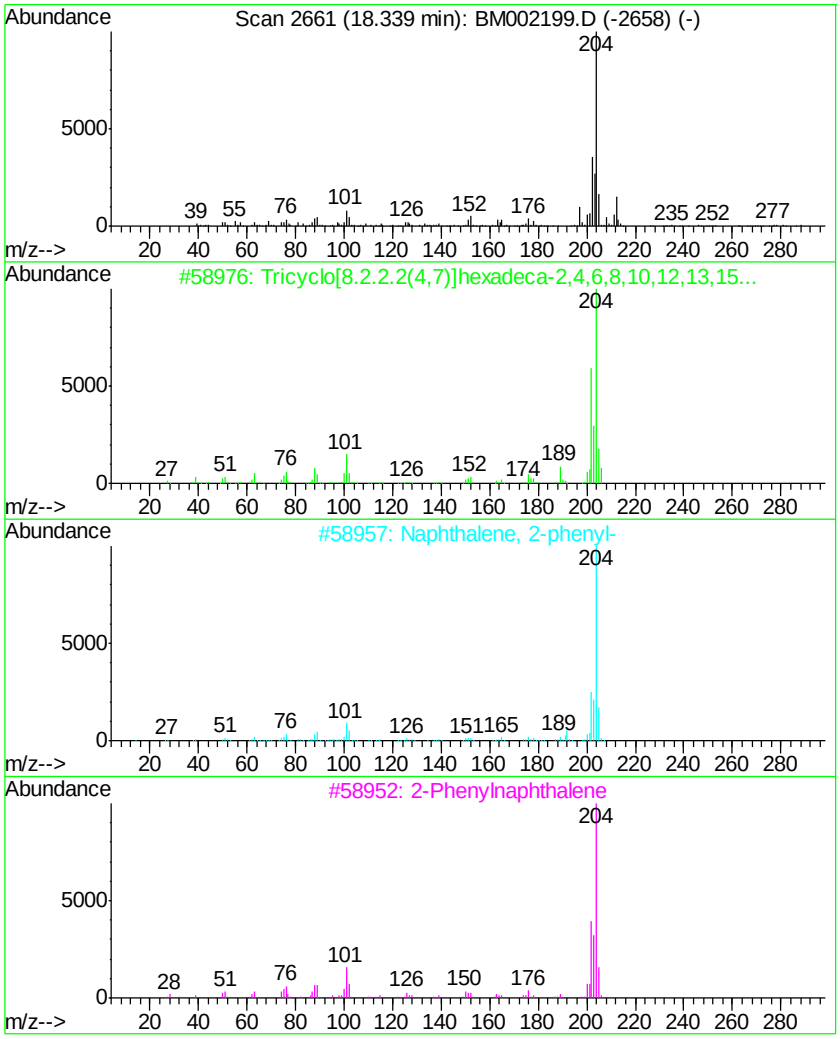

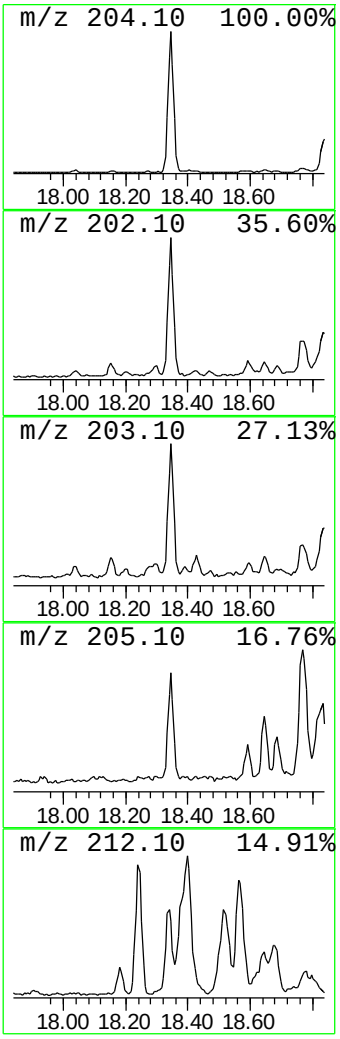

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Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

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Quant Title : SVOA CALIBRATION

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

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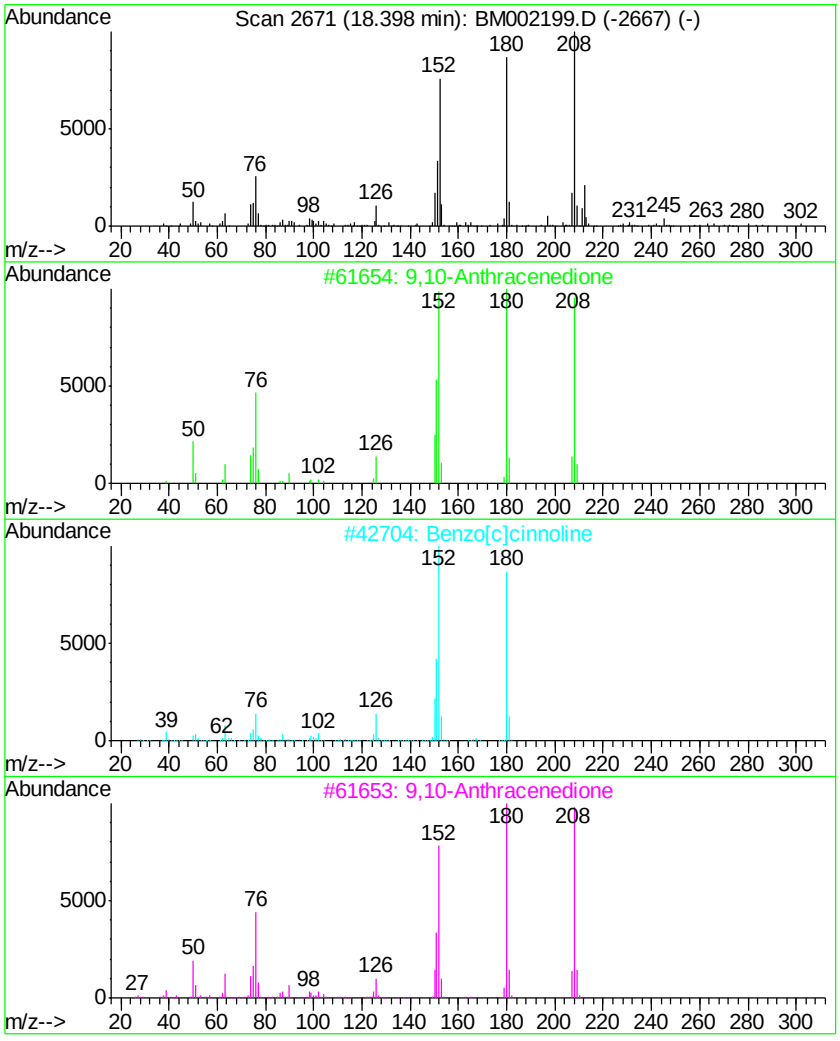
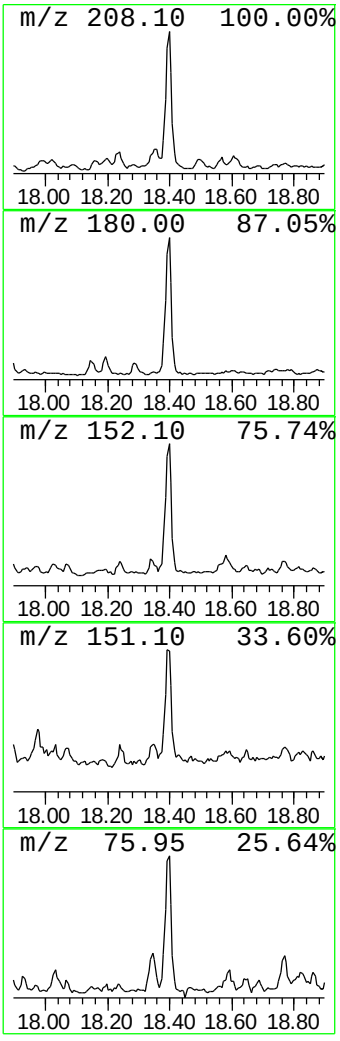
Peak Number 25 9,10-Anthracenedione Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.78 ng/ul	232314	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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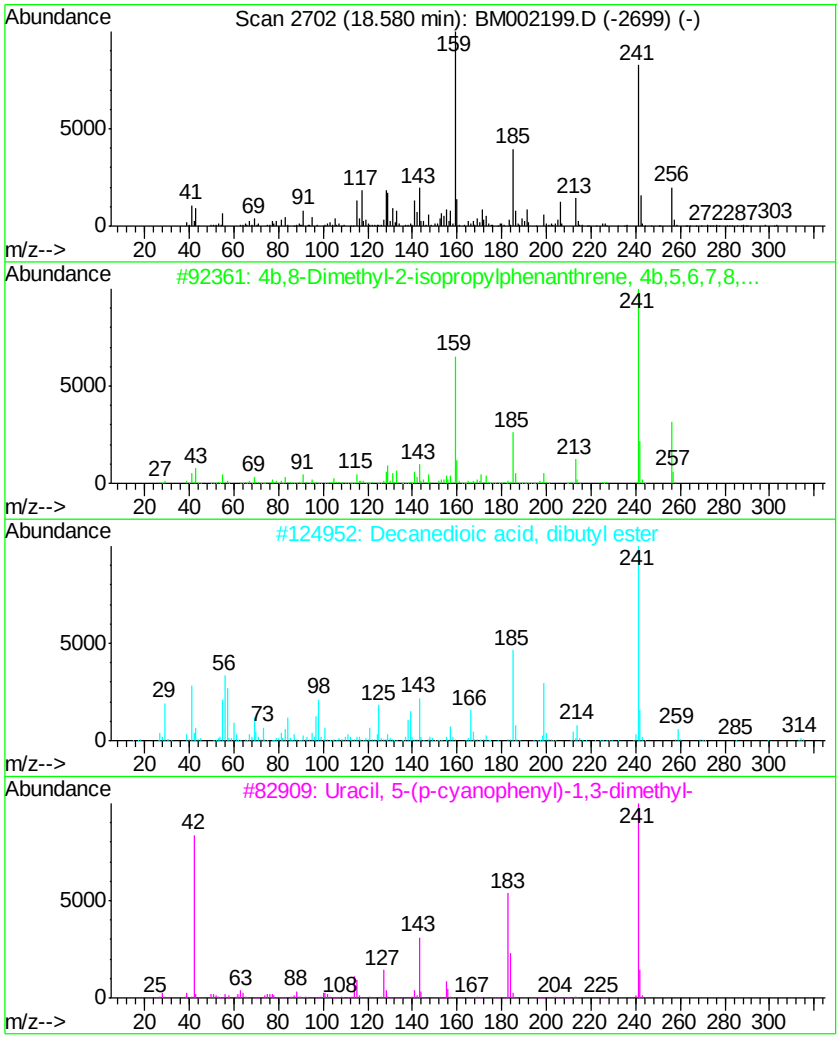
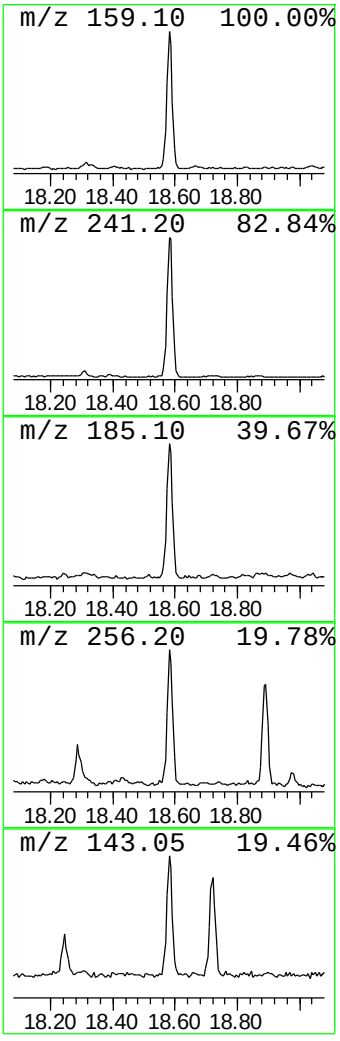
Peak Number 26 4b,8-Dimethyl-2-isopropylph... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	6.36 ng/ul	530721	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	37
3	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	30
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	27
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	27





Library Search Compound Report

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Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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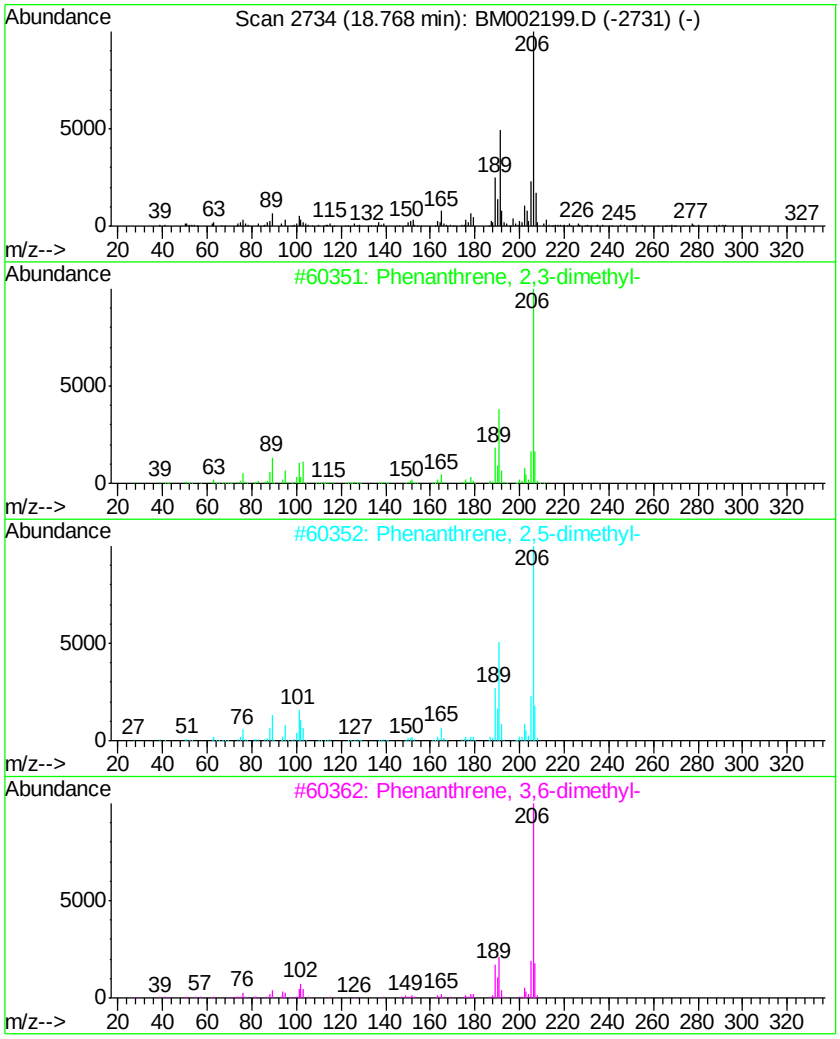
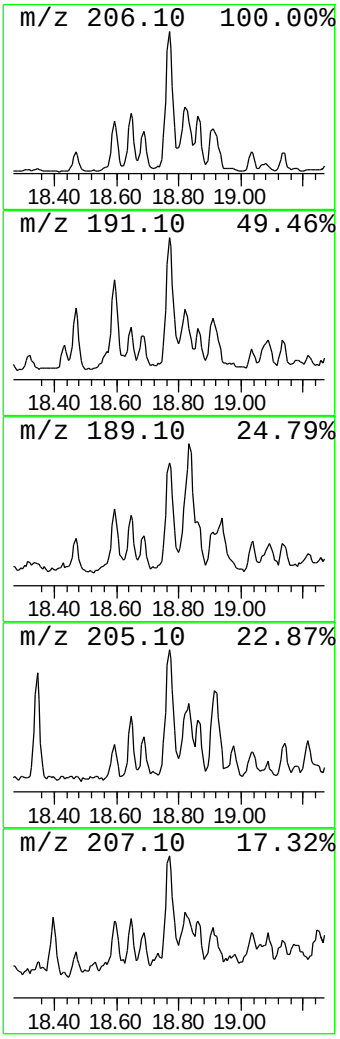
Peak Number 27 Phenanthrene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.73 ng/ul	311000	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





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Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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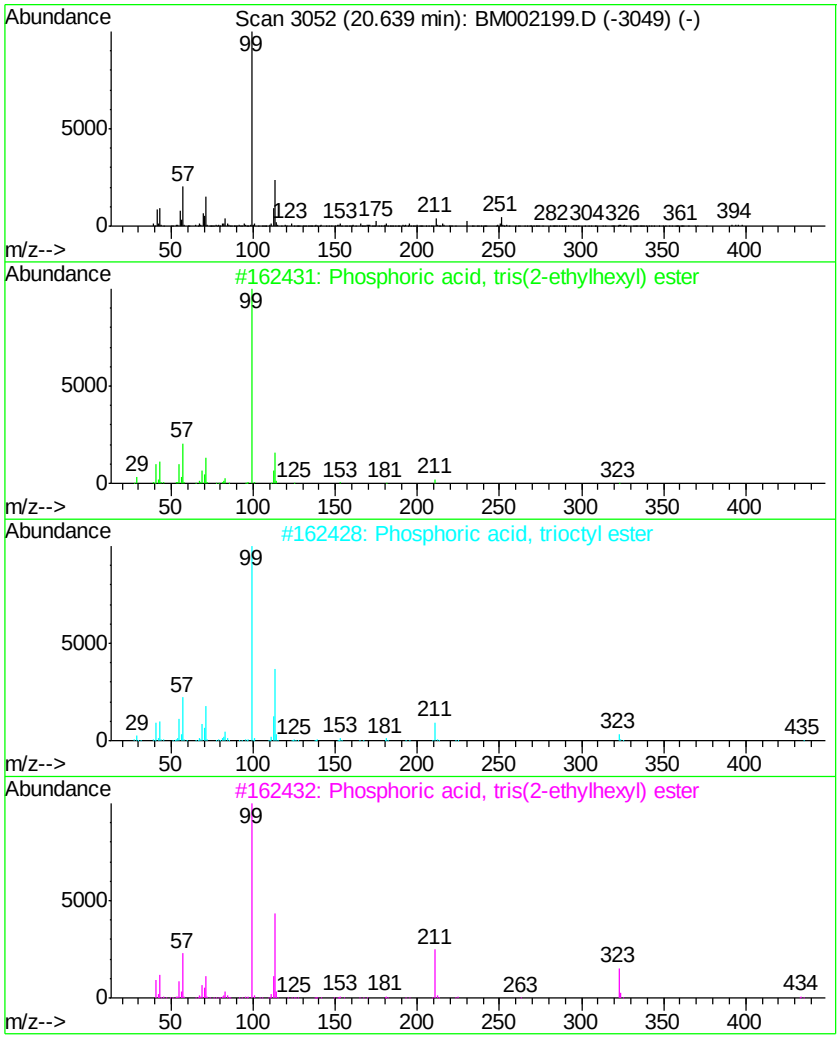
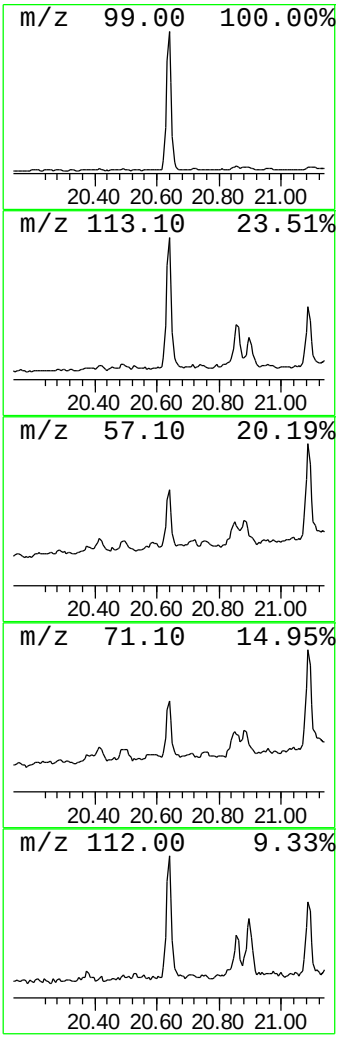
Peak Number 28 Phosphoric acid, tris(2-eth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	2.66 ng/ul	522586	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	72
2	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	49
3	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	47
4	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	45
5	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	38





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Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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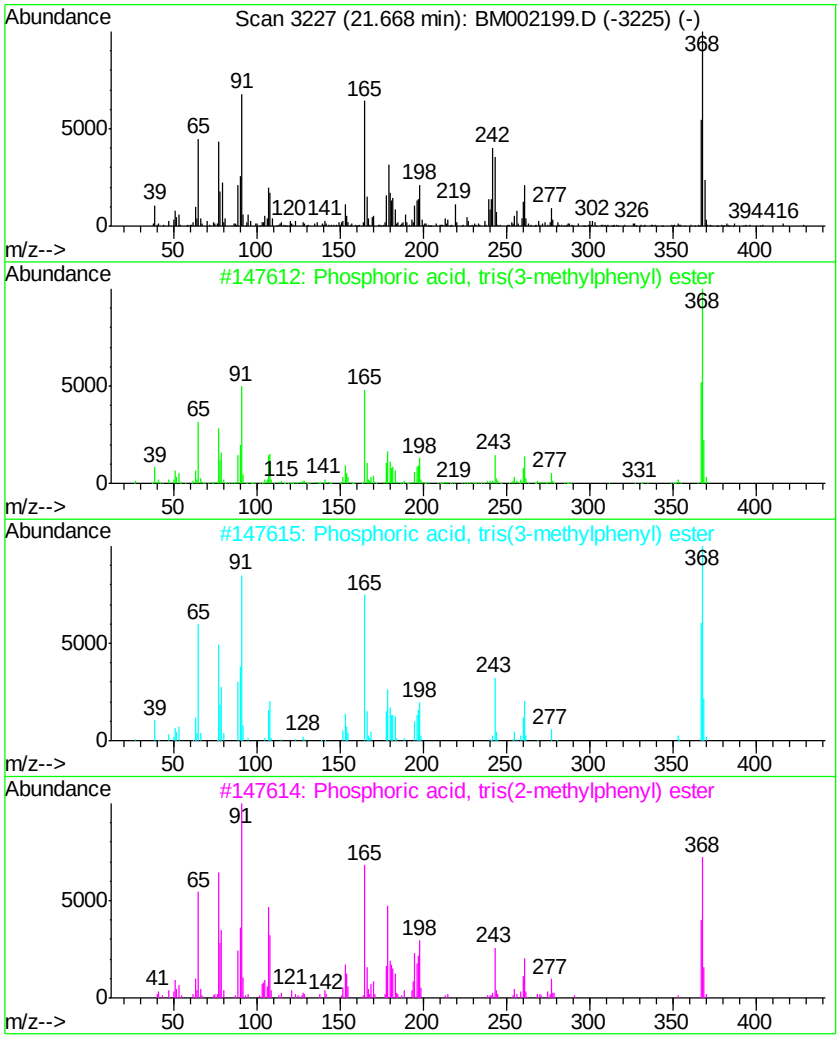
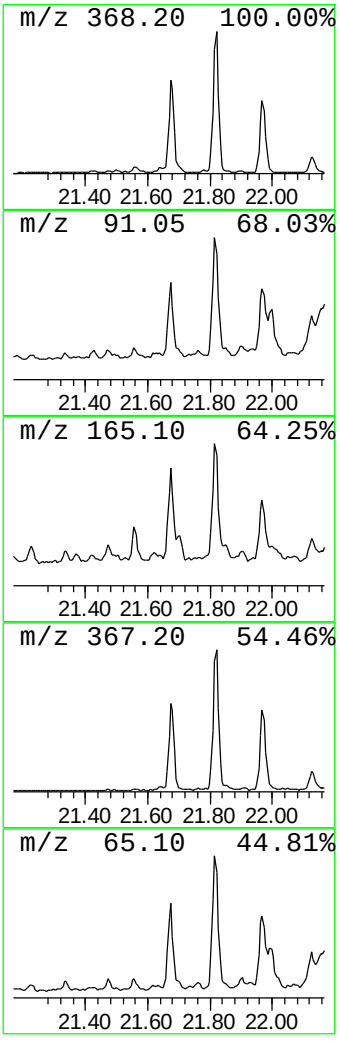
Peak Number 29 Phosphoric acid, tris(3-met... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	3.22 ng/ul	632575	Chrysene-d12	21.18

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	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	93
4	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	78
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	76





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Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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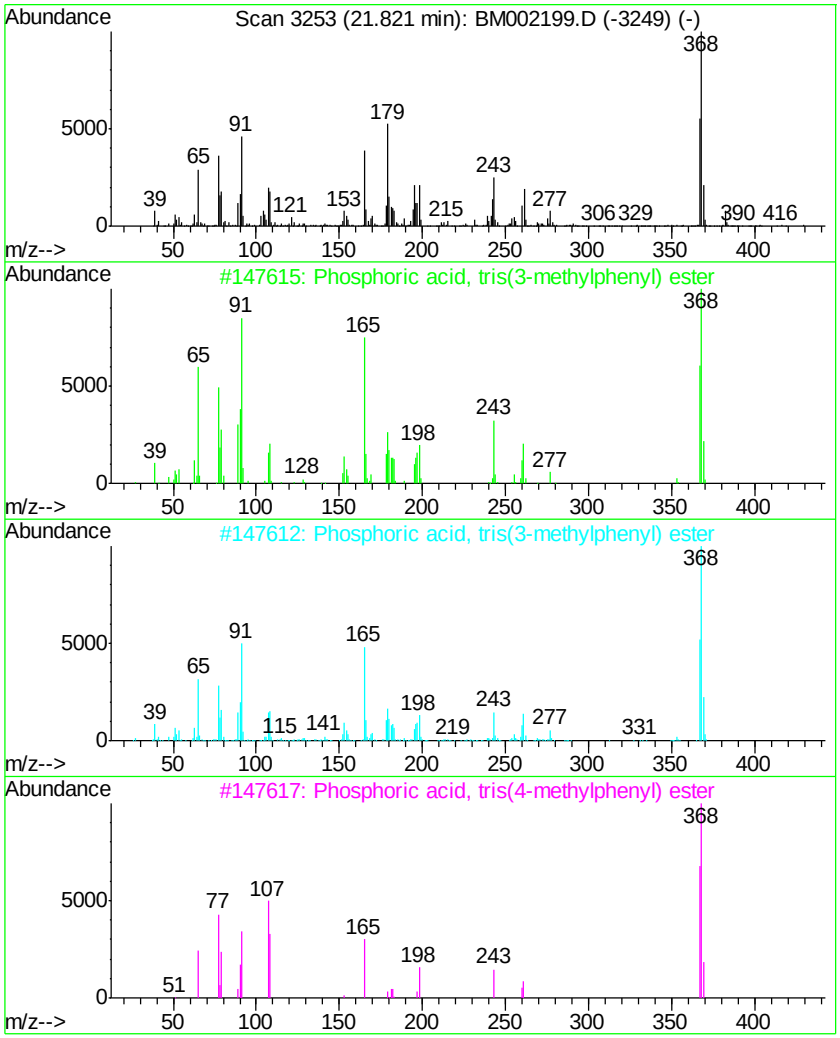
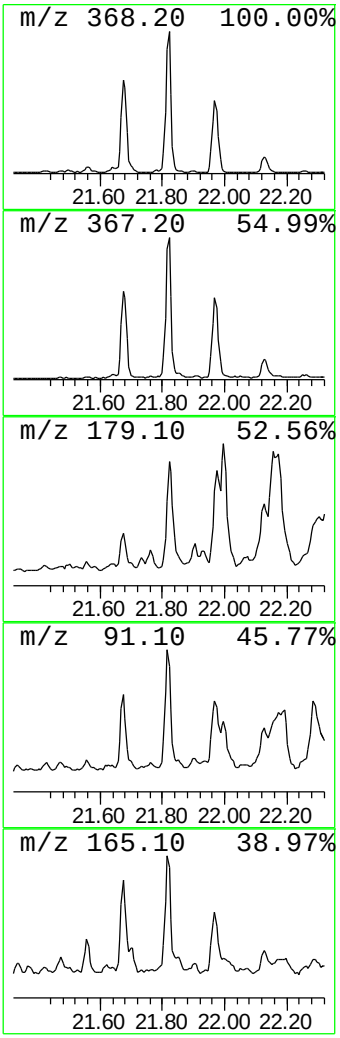
Peak Number 30 Phosphoric acid, tris(4-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	6.26 ng/ul	1230840	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
3	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	90
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	86
5	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	49





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Quant Title : SVOA CALIBRATION

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

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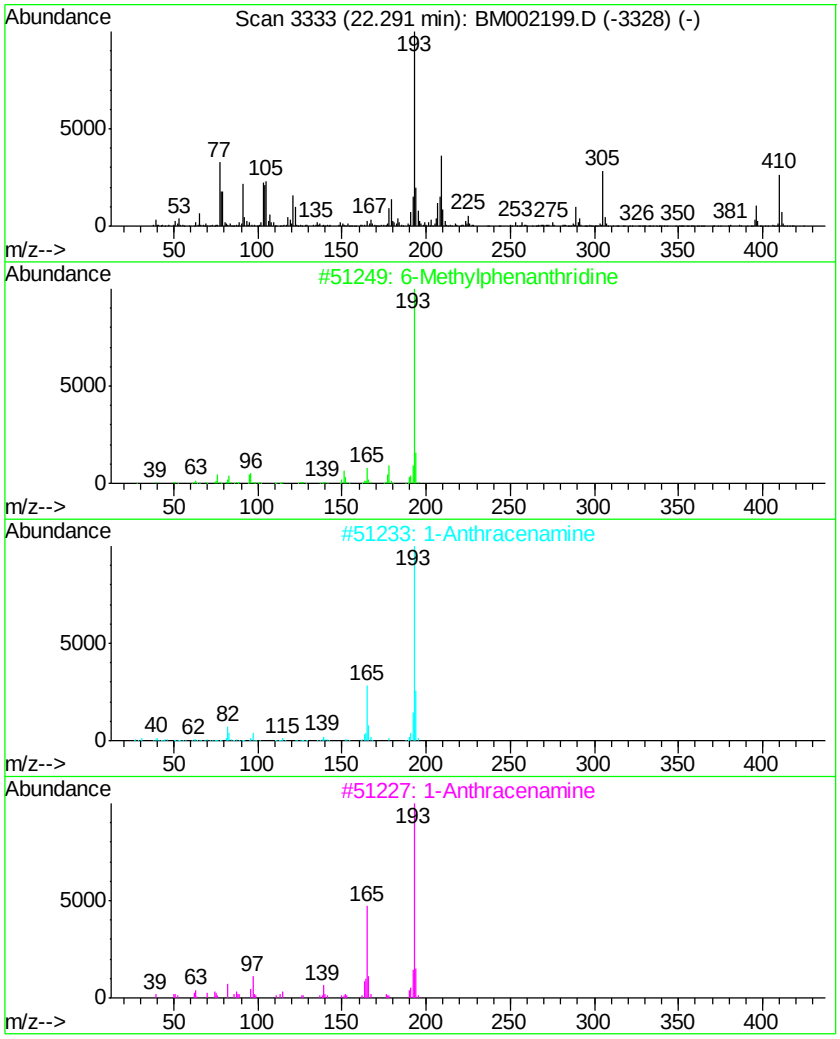
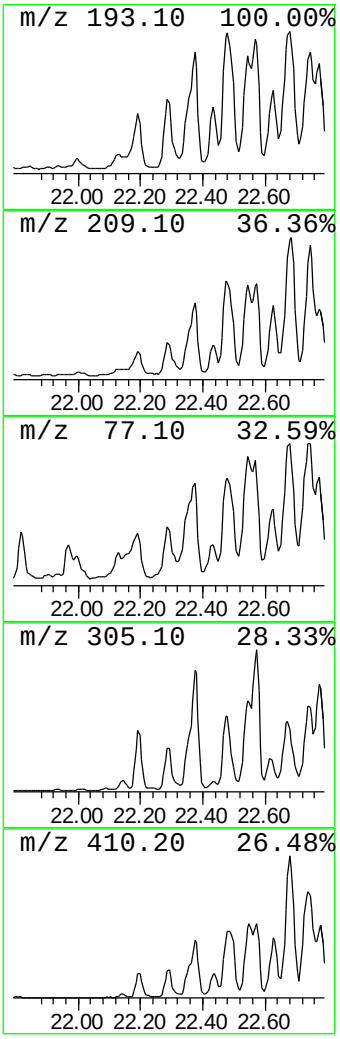
Peak Number 32 unknown-07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	33.26 ng/ul	1628930	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methylphenanthridine	193	C14H11N	003955-65-5	43
2	1-Anthracenamine	193	C14H11N	000610-49-1	38
3	1-Anthracenamine	193	C14H11N	000610-49-1	38
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38
5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38





Library Search Compound Report

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Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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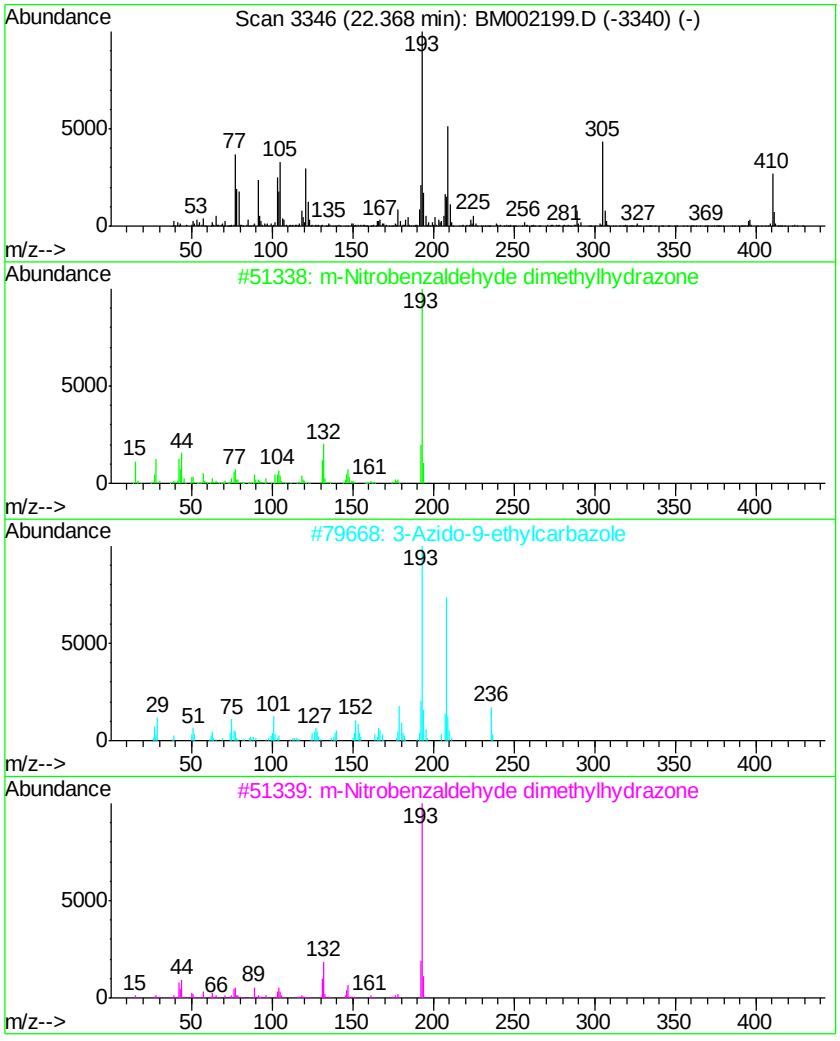
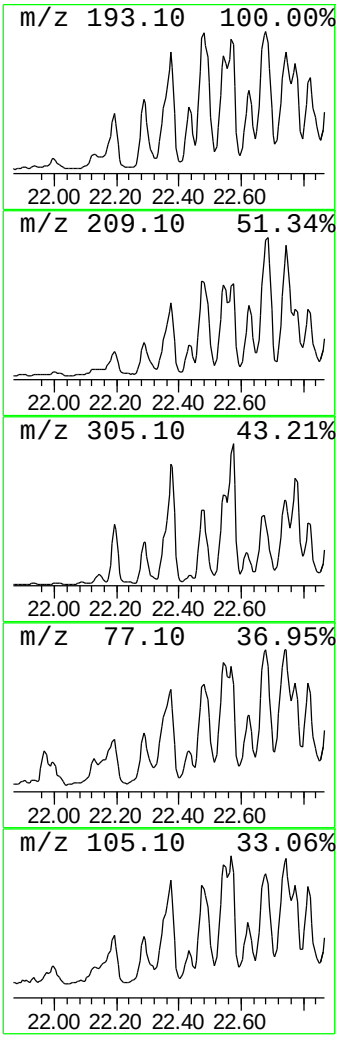
Peak Number 33 unknown-08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	80.19 ng/ul	3927300	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Nitrobenzaldehyde dimethylhydr...	193	C9H11N3O2	032787-76-1	35
2	3-Azido-9-ethylcarbazole	236	C14H12N4	1000099-64-0	32
3	m-Nitrobenzaldehyde dimethylhydr...	193	C9H11N3O2	032787-76-1	30
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	27
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

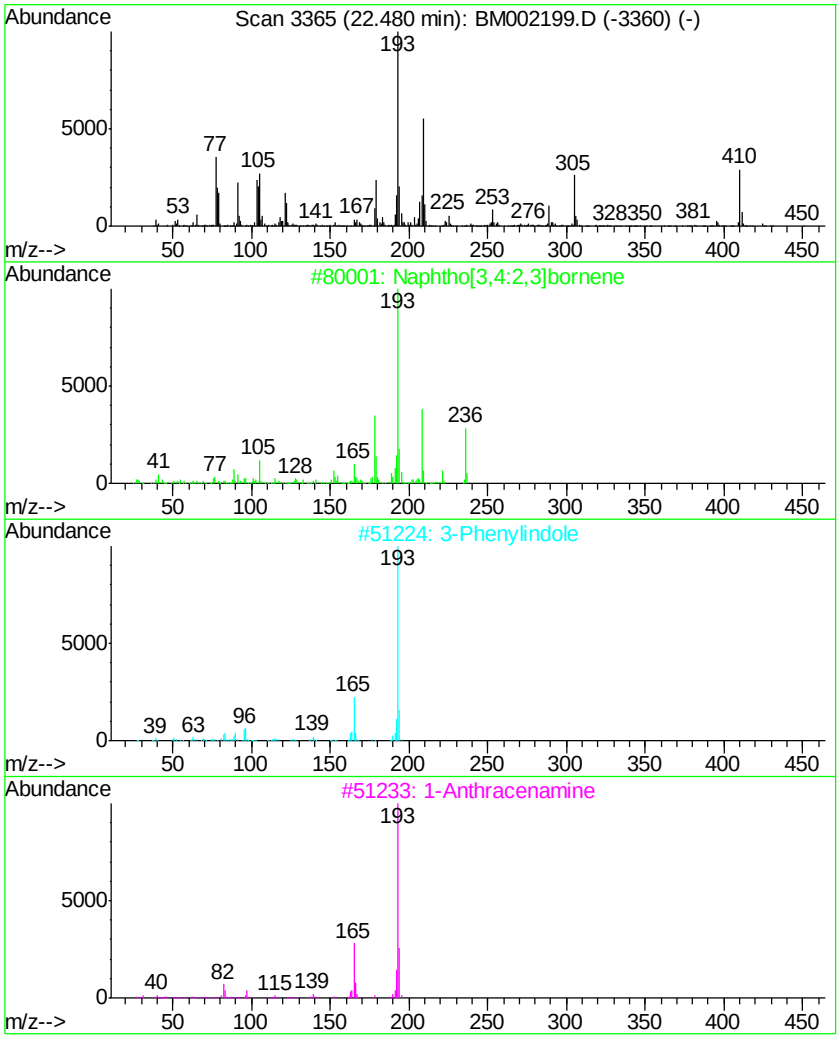
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

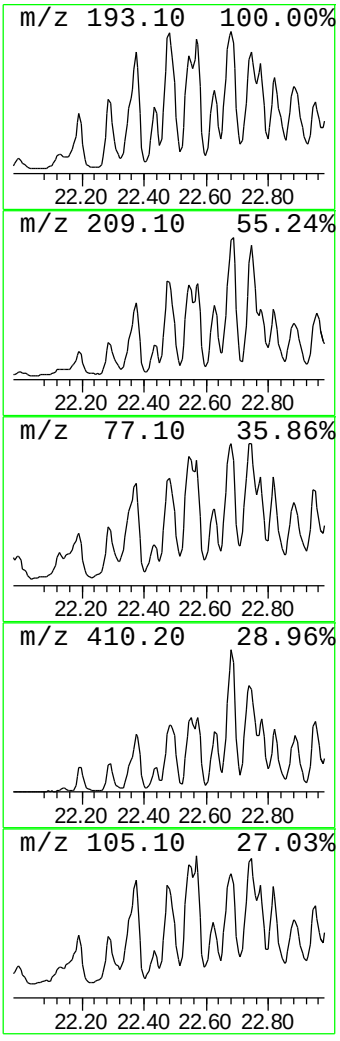
****

Peak Number 34 unknown-09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	69.22 ng/ul	3390080	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[3,4:2,3]bornene	236	C18H20	1000210-68-3	38
2	3-Phenylindole	193	C14H11N	001504-16-1	38
3	1-Anthracenamine	193	C14H11N	000610-49-1	35
4	2-Phenylindolizine	193	C14H11N	025379-20-8	35
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	35





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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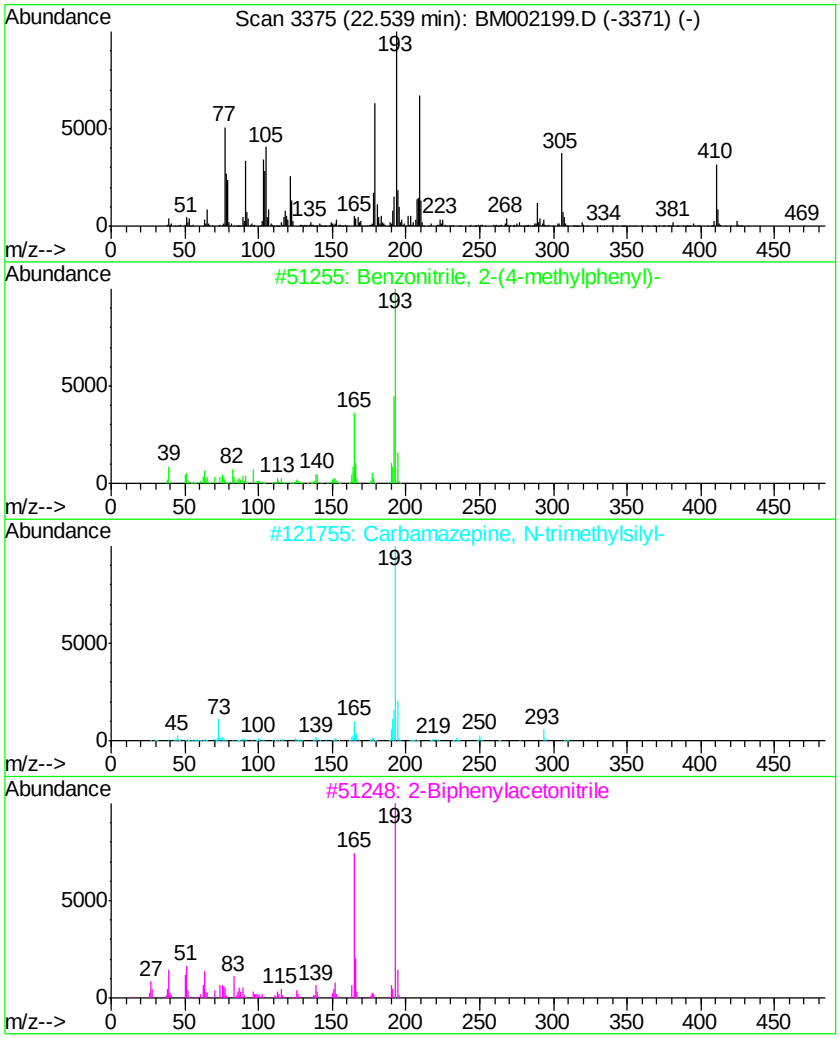
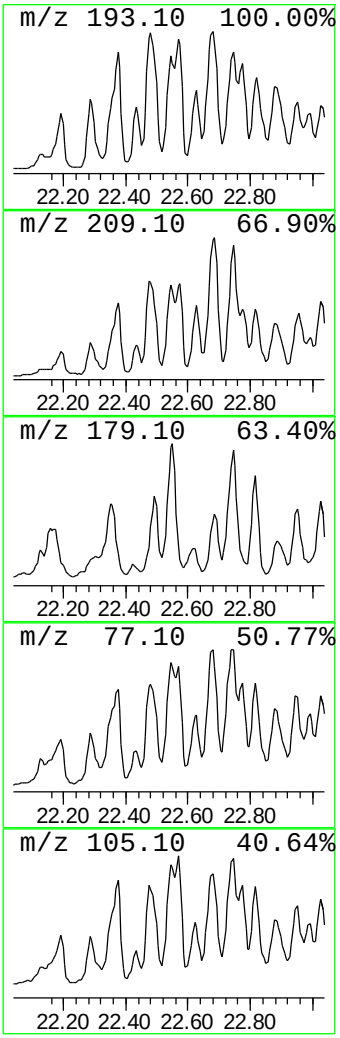
Peak Number 35 unknown-10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	70.21 ng/ul	3438220	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-(4-methylphenyl)-	193	C14H11N	114772-53-1	25
2	Carbamazepine, N-trimethylsilyl-	308	C18H20N2OSi	1000297-91-7	25
3	2-Biphenylacetonitrile	193	C14H11N	019853-10-2	22
4	Benzeneacetonitrile, .alpha.-phe...	193	C14H11N	000086-29-3	22
5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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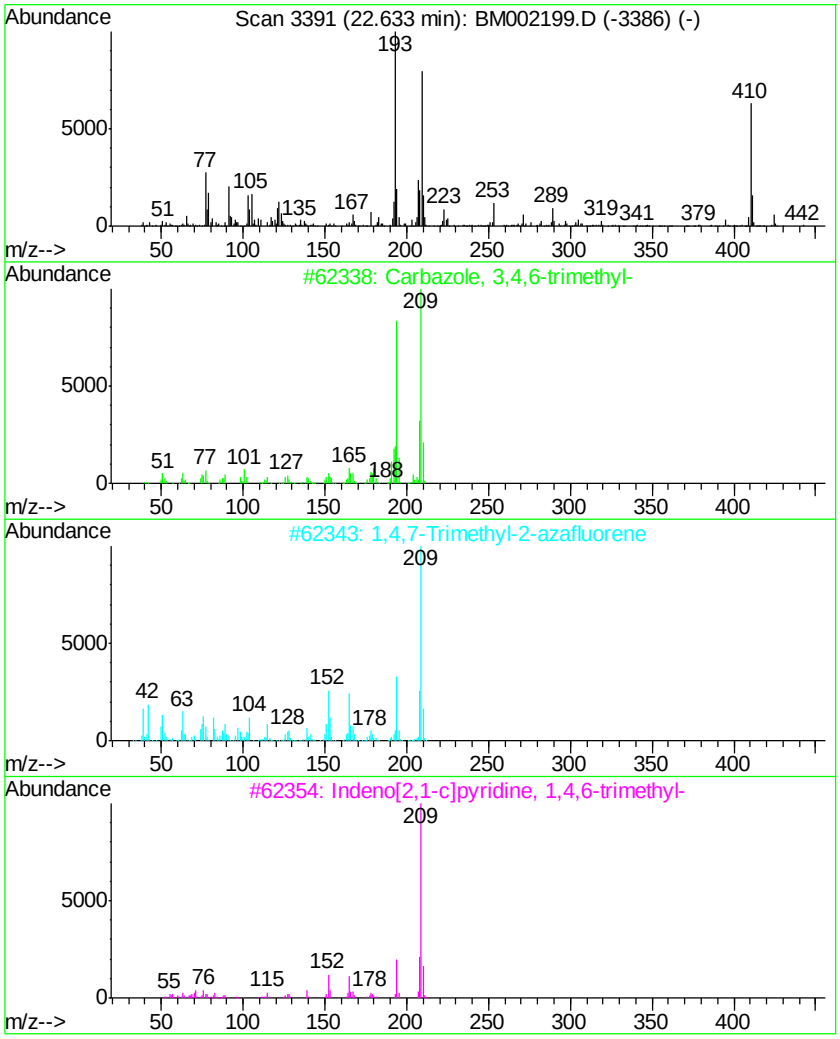
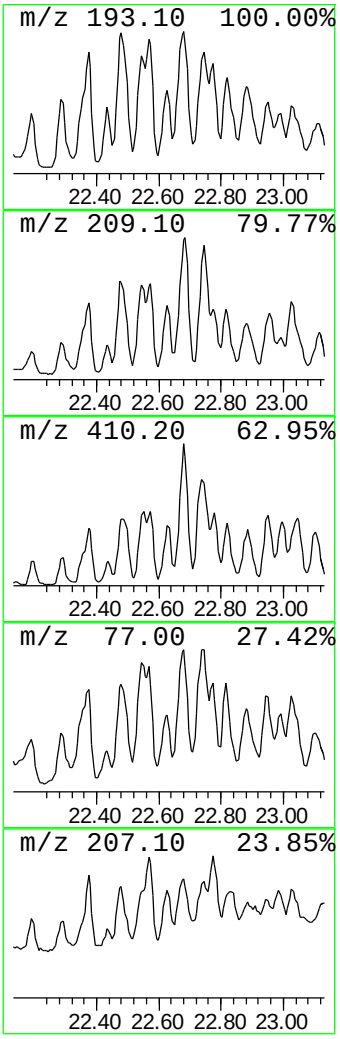
Peak Number 36 unknown-11 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	24.75 ng/ul	1211880	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 3,4,6-trimethyl-	209	C15H15N	078787-90-3	38
2	1,4,7-Trimethyl-2-azafluorene	209	C15H15N	062736-78-1	35
3	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	35
4	Carbazole, 1,3,4-trimethyl-	209	C15H15N	078787-82-3	30
5	3-Phenyl-5-methyl-2,1-benzisoxazole	209	C14H11NO	114623-37-9	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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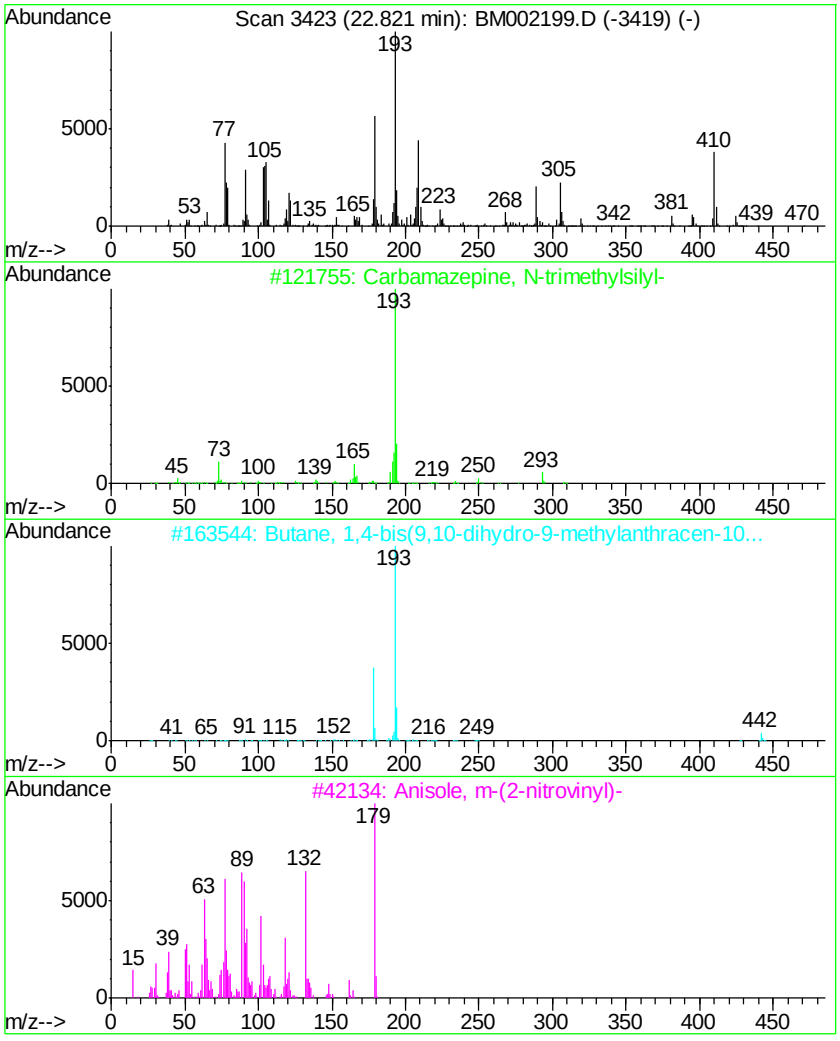
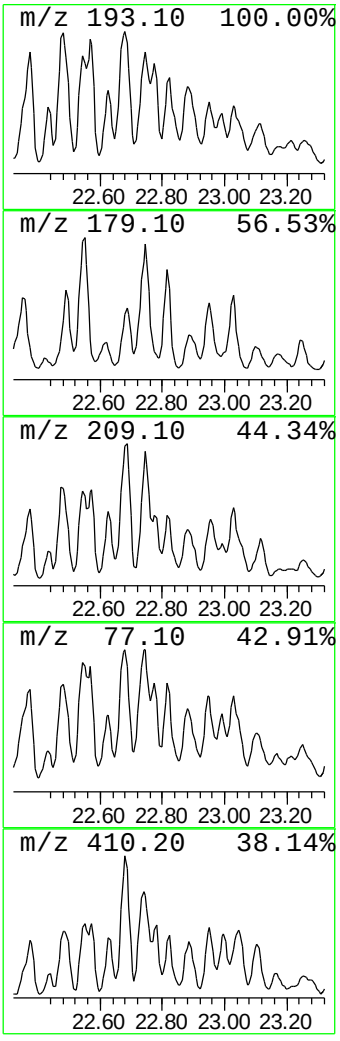
Peak Number 37 unknown-12 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	40.20 ng/ul	1968540	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamazepine, N-trimethylsilyl-	308	C18H20N2OSi	1000297-91-7	25
2	Butane, 1,4-bis(9,10-dihydro-9-m...	442	C34H34	1000153-85-3	14
3	Anisole, m-(2-nitrovinyl)-	179	C9H9NO3	003179-09-7	11
4	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	11
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	11





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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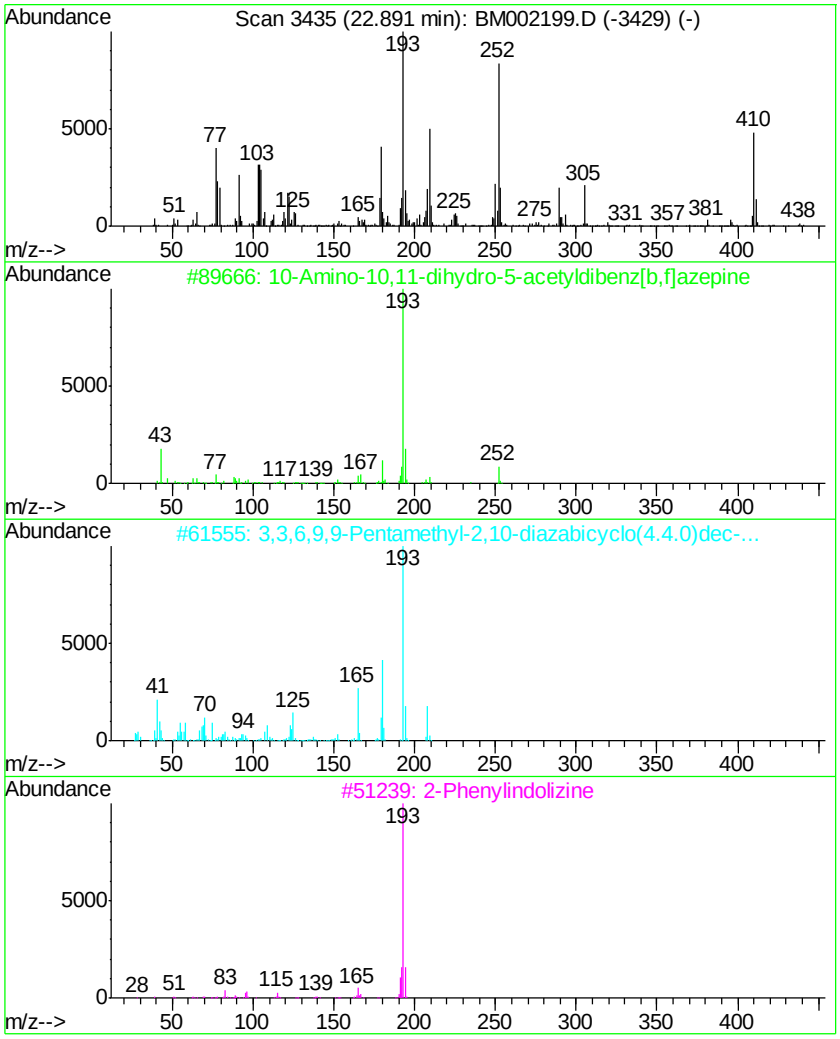
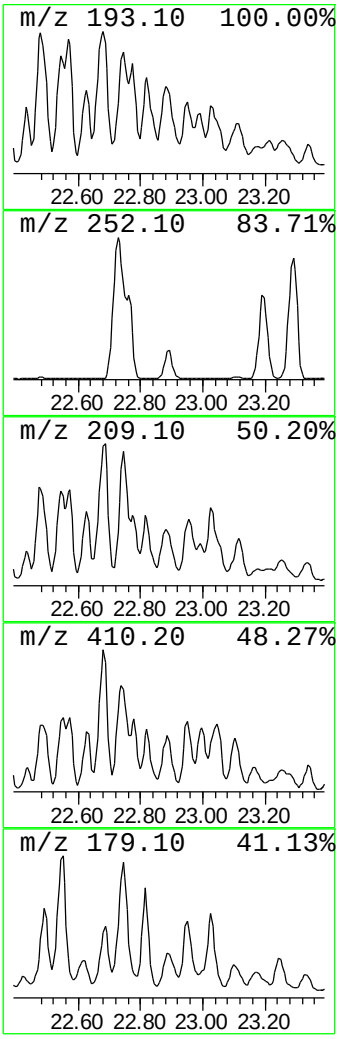
Peak Number 38 unknown-13 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	42.62 ng/ul	2087020	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Amino-10,11-dihydro-5-acetyld...	252	C16H16N2O	028291-57-8	38
2	3,3,6,9,9-Pentamethyl-2,10-diaza...	208	C13H24N2	069340-58-5	22
3	2-Phenylindolizine	193	C14H11N	025379-20-8	18
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	18
5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	14





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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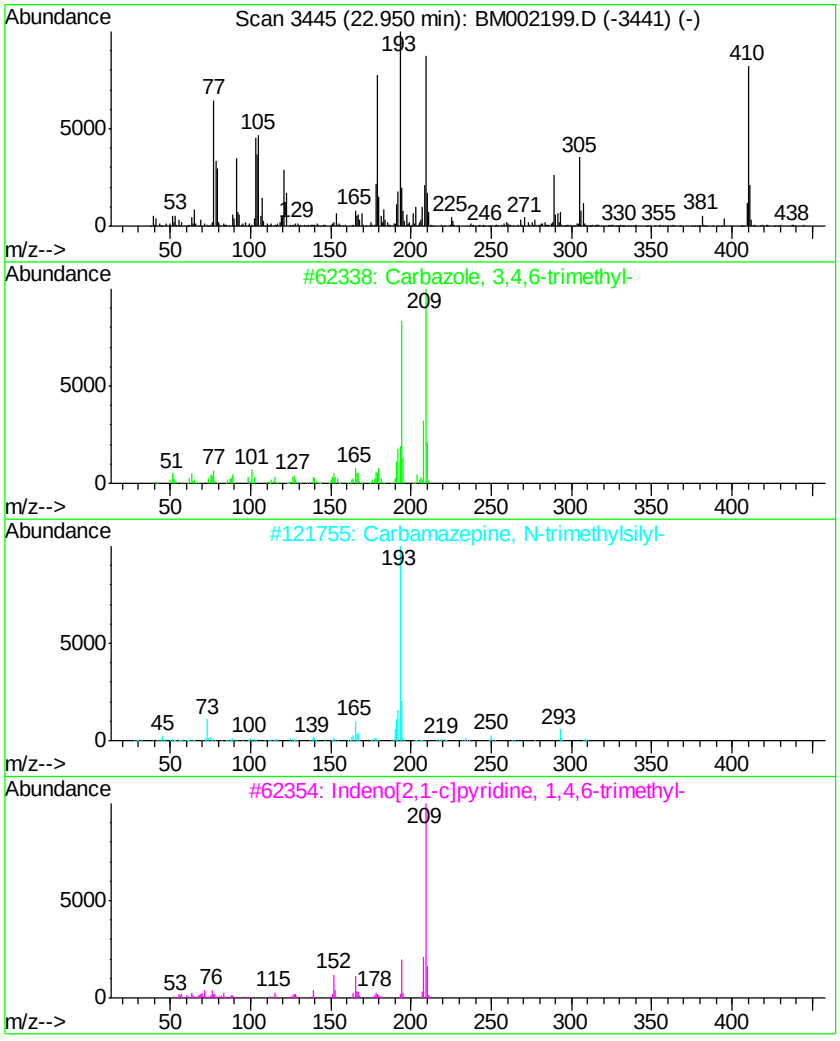
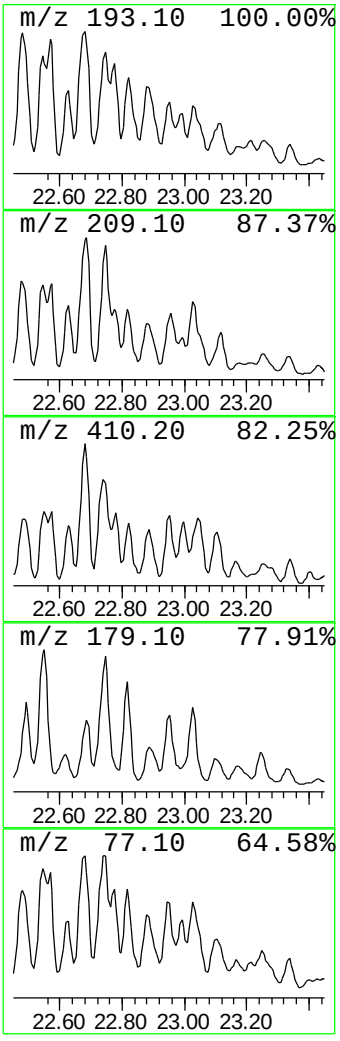
Peak Number 39 unknown-14 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	32.15 ng/ul	1574430	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 3,4,6-trimethyl-	209	C15H15N	078787-90-3	25
2	Carbamazepine, N-trimethylsilyl-	308	C18H20N2OSi	1000297-91-7	15
3	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	14
4	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	11
5	6-Methoxyphenanthridine	209	C14H11NO	107624-46-4	11





Data Path : Z:\HPCHEM1\BNA M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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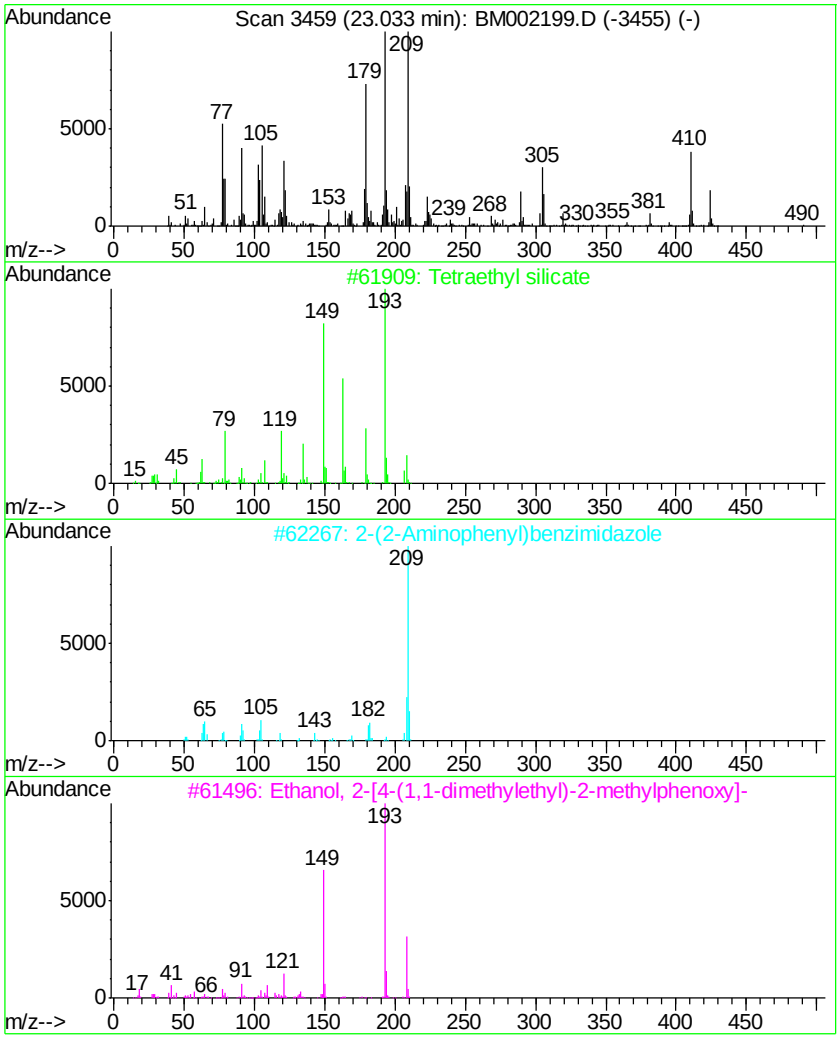
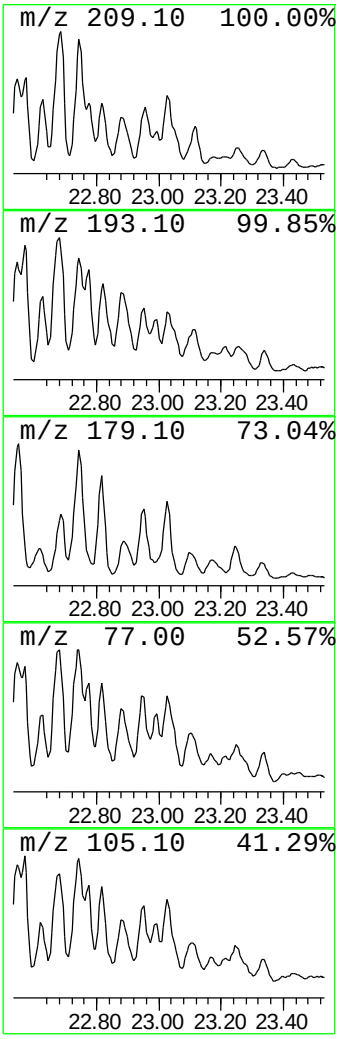
Peak Number 40 unknown-15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	52.98 ng/ul	2594550	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraethyl silicate	208	C8H20O4Si	000078-10-4	25
2	2-(2-Aminophenyl)benzimidazole	209	C13H11N3	005805-39-0	14
3	Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	14
4	10359	209	C13H11N3	002963-77-1	14
5	5-(5-Chloro-3,4-dimethyl-pyrrol-...	259	C14H14ClN3	1000192-25-0	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002199.D
Acq On : 03 Aug 2015 16:07
Operator : TP/UM
Sample : G3095-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Q6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
Methyl Isobutyl K...	3.32	3.8	ng/ul	118377	1	7.53	621036	20.0
(DEL) Alkane: Str...	11.33	3.4	ng/ul	166272	2	10.32	965368	20.0
unknown-01	12.06	2.5	ng/ul	119225	2	10.32	965368	20.0
unknown-02	12.61	2.3	ng/ul	158174	3	14.21	1402680	20.0
(DEL) Alkane: Str...	12.72	2.5	ng/ul	178218	3	14.21	1402680	20.0
unknown-03	12.78	2.2	ng/ul	156945	3	14.21	1402680	20.0
Decahydro-4,4,8,9...	12.96	2.6	ng/ul	182690	3	14.21	1402680	20.0
unknown-04	14.10	2.0	ng/ul	141867	3	14.21	1402680	20.0
2,6-Naphthalenedi...	14.16	3.8	ng/ul	268742	3	14.21	1402680	20.0
unknown-05	14.73	2.4	ng/ul	169169	3	14.21	1402680	20.0
1H-Indene, octahy...	14.92	2.6	ng/ul	181845	3	14.21	1402680	20.0
unknown-06	14.99	5.2	ng/ul	364959	3	14.21	1402680	20.0
(DEL) Alkane: Str...	15.47	5.3	ng/ul	367939	3	14.21	1402680	20.0
(DEL) Alkane: Str...	15.94	12.4	ng/ul	1034360	4	16.97	1669560	20.0
(DEL) Alkane: Str...	16.77	8.3	ng/ul	695990	4	16.97	1669560	20.0
Phenanthrene, 1-m...	17.84	6.1	ng/ul	510766	4	16.97	1669560	20.0
Benzaldehyde, 3,5...	18.03	10.5	ng/ul	873252	4	16.97	1669560	20.0
1H-Cyclopropa[l]p...	18.07	4.8	ng/ul	402245	4	16.97	1669560	20.0
2,8-Dimethyldiben...	18.24	2.9	ng/ul	238277	4	16.97	1669560	20.0
Tricyclo[8.2.2.2(...	18.34	3.2	ng/ul	265662	4	16.97	1669560	20.0
9,10-Anthracenedione	18.40	2.8	ng/ul	232314	4	16.97	1669560	20.0
4b,8-Dimethyl-2-i...	18.58	6.4	ng/ul	530721	4	16.97	1669560	20.0
Phenanthrene, 2,3...	18.77	3.7	ng/ul	311000	4	16.97	1669560	20.0
Phosphoric acid, ...	20.64	2.7	ng/ul	522586	5	21.18	3934130	20.0
Phosphoric acid, ...	21.67	3.2	ng/ul	632575	5	21.18	3934130	20.0
Phosphoric acid, ...	21.82	6.3	ng/ul	1230840	5	21.18	3934130	20.0
unknown-07	22.29	33.3	ng/ul	1628930	6	23.39	979454	20.0
unknown-08	22.37	80.2	ng/ul	3927300	6	23.39	979454	20.0
unknown-09	22.48	69.2	ng/ul	3390080	6	23.39	979454	20.0
unknown-10	22.54	70.2	ng/ul	3438220	6	23.39	979454	20.0
unknown-11	22.63	24.8	ng/ul	1211880	6	23.39	979454	20.0
unknown-12	22.82	40.2	ng/ul	1968540	6	23.39	979454	20.0
unknown-13	22.89	42.6	ng/ul	2087020	6	23.39	979454	20.0
unknown-14	22.95	32.1	ng/ul	1574430	6	23.39	979454	20.0
unknown-15	23.03	53.0	ng/ul	2594550	6	23.39	979454	20.0