LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.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	3.687	13	17	22	rBV	148499	201095	2.10%	0.135%
2	4.005	64	71	78	rVB	277194	436659	4.56%	0.292%
3	4.299	116	121	129	rVB	161115	229572	2.40%	0.154%
4	4.858	211	216	221	rBV	242453	378656	3.95%	0.253%
5	5.593	336	341	345	rBV	80759	116557	1.22%	0.078%
6	5.646	345	350	358	rVB	178316	317858	3.32%	0.213%
7	5.940	395	400	409	rVB	113907	172267	1.80%	0.115%
8	6.581	504	509	513	rBV2	85026	147769	1.54%	0.099%
9	7.004	575	581	588	rBV	482980	804546	8.40%	0.538%
10	7.687	690	697	703	rBV	502606	849737	8.87%	0.568%
11	7.804	713	717	722	rBV	100163	145597	1.52%	0.097%
12	7.869	722	728	739	rBV	1759267	2886375	30.13%	1.931%
13	8.087	758	765	772	rVB	1861726	3065369	31.99%	2.051%
14	8.569	840	847	854	rBV	2028679	3316291	34.61%	2.219%
15	8.646	854	860	871	rVB8	51714	183759	1.92%	0.123%
16	8.757	871	879	884	rBV2	66112	132284	1.38%	0.088%
17	8.951	906	912	917	rVB2	76209	151860	1.59%	0.102%
18	9.051	923	929	934	rVB3	102176	222346	2.32%	0.149%
19	9.222	952	958	959	rBV3	80556	128210	1.34%	0.086%
20	9.263	959	965	975	rVB	1477101	2578752	26.92%	1.725%
21	9.469	993	1000	1004	rBV2	63426	140047	1.46%	0.094%
22	9.516	1004	1008	1014	rVV3	63937	140166	1.46%	0.094%
23	9.593	1014	1021	1028	rVV2	345826	818404	8.54%	0.548%
24	9.687	1028	1037	1042	rVV2	391135	812105	8.48%	0.543%
25	9.751	1042	1048	1063	rVV	2273660	4561667	47.61%	3.052%
26	9.863	1063	1067	1074	rVV2	73596	162298	1.69%	0.109%
27	9.975	1078	1086	1091	rVV9	54971	201263	2.10%	0.135%
28	10.040	1091	1097	1103	rVB2	129916	296540	3.10%	0.198%
29	10.216	1121	1127	1131	rBV	312870	509888	5.32%	0.341%
30	10.392	1149	1157	1165	rVB7	143020	372375	3.89%	0.249%
31	10.481	1165	1172	1180	rBV	1811868	3148362	32.86%	2.106%
32	10.645	1197	1200	1213	rVB2	102708	298841	3.12%	0.200%
33	10.798	1213	1226	1235	rBV	1355713	2567875	26.80%	1.718%
34	10.887	1236	1241	1246	rBV6	53758	97431	1.02%	0.065%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Title : SVOA CALIBRATION

35	11.022	1257	1264	1270	rBV	2552913	4386482	45.78%	2.935%
36	11.092	1270	1276	1282	rBV7	202057	498505	5.20%	0.333%
37	11.216	1290	1297	1299	rBV4	144799	269241	2.81%	0.180%
38	11.251	1299	1303	1306	rVV	287658	525462	5.48%	0.352%
39	11.298	1307	1311	1320	rVV3	404601	825562	8.62%	0.552%
40	11.416	1321	1331	1343	rVB	2849087	5423549	56.61%	3.628%
41	11.522	1343	1349	1356	rBV4	336337	727962	7.60%	0.487%
42	11.710	1377	1381	1385	rBV3	92950	138133	1.44%	0.092%
43	11.763	1385	1390	1395	rVV6	306607	639267	6.67%	0.428%
44	11.822	1396	1400	1406	rVB4	200762	358308	3.74%	0.240%
45	11.981	1423	1427	1431	rBV6	68874	115457	1.21%	0.077%
46	12.028	1431	1435	1441	rVV4	147348	257781	2.69%	0.172%
47	12.098	1442	1447	1455	rVB6	213134	494014	5.16%	0.330%
48	12.234	1455	1470	1476	rBV8	222715	835902	8.72%	0.559%
49	12.304	1478	1482	1487	rVB6	87885	142483	1.49%	0.095%
50	12.428	1496	1503	1510	rBV2	732129	1567174	16.36%	1.048%
51	12.581	1523	1529	1534	rVB7	135763	318691	3.33%	0.213%
52	12.639	1534	1539	1543	rBV2	141971	262407	2.74%	0.176%
53	12.769	1556	1561	1568	rBV4	130399	272934	2.85%	0.183%
54	12.833	1569	1572	1576	rBV2	95352	160440	1.67%	0.107%
55	13.045	1605	1608	1613	rVB5	224439	324171	3.38%	0.217%
56	13.116	1614	1620	1629	rVB5	344717	943567	9.85%	0.631%
57	13.245	1635	1642	1647	rBV	2131324	3932126	41.04%	2.631%
58	13.333	1653	1657	1662	rVB	405546	647546	6.76%	0.433%
59	13.463	1674	1679	1682	rBV4	294213	537973	5.62%	0.360%
60	13.522	1683	1689	1694	rVV4	445596	1050034	10.96%	0.702%
61	13.581	1694	1699	1705	rVB3	424581	789356	8.24%	0.528%
62	13.680	1709	1716	1721	rVB5	182576	508404	5.31%	0.340%
63	13.728	1721	1724	1726	rBV2	101284	116264	1.21%	0.078%
64	13.863	1741	1747	1751	rBV7	225992	496797	5.19%	0.332%
65	13.975	1762	1766	1768	rBV3	292906	461088	4.81%	0.308%
66	14.116	1786	1790	1792	rBV2	274257	400044	4.18%	0.268%
67	14.357	1828	1831	1834	rBV3	168960	270223	2.82%	0.181%
68	14.451	1844	1847	1851	rVB	220223	292941	3.06%	0.196%
69	14.504	1852	1856	1859	rVV5	270219	489800	5.11%	0.328%
70	14.557	1860	1865	1873	rVV	4458302	7276308	75.95%	4.868%
71	14.622	1873	1876	1883	rVB5	455144	760471	7.94%	0.509%

LSC Area Percent Report

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Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Title : SVOA CALIBRATION

72	14.780	1900	1903	1907	rVB2	388093	548263	5.72%	0.367%
73	14.869	1911	1918	1926	rVV	5324631	8476550	88.47%	5.671%
74	14.957	1928	1933	1938	rBV3	385739	731725	7.64%	0.490%
75	15.063	1947	1951	1953	rBV	260737	398042	4.15%	0.266%
76	15.169	1963	1969	1982	rVB2	3868078	6654559	69.46%	4.452%
77	15.327	1992	1996	2003	rVB4	593955	1073381	11.20%	0.718%
78	15.392	2004	2007	2016	rVB2	272019	646724	6.75%	0.433%
79	15.622	2042	2046	2049	rBV3	659003	1207276	12.60%	0.808%
80	15.716	2058	2062	2066	rBV3	776550	1245205	13.00%	0.833%
81	16.069	2119	2122	2128	rVB	553264	831306	8.68%	0.556%
82	16.145	2129	2135	2145	rBV	6321850	9580950	100.00%	6.410%
83	16.239	2146	2151	2156	rVV	2227604	3229075	33.70%	2.160%
84	17.880	2425	2430	2436	rVB2	4253831	6660645	69.52%	4.456%
85	17.974	2441	2446	2457	rVB	6369625	9453955	98.67%	6.325%
86	18.251	2490	2493	2499	rVB2	578934	820214	8.56%	0.549%
87	18.345	2506	2509	2515	rBV2	426149	682399	7.12%	0.457%
88	18.521	2536	2539	2547	rVB	860816	1236128	12.90%	0.827%
89	19.086	2632	2635	2640	rBV	1115879	1697160	17.71%	1.135%
90	19.410	2687	2690	2699	rVB3	565915	1159432	12.10%	0.776%
91	19.504	2703	2706	2712	rVB	533256	765084	7.99%	0.512%
92	20.209	2821	2826	2838	rVB	6308389	8637779	90.16%	5.779%
93	21.962	3119	3124	3131	rVB	3709778	4892593	51.07%	3.273%
94	24.315	3517	3524	3535	rVB2	2876452	6398797	66.79%	4.281%
95	24.474	3545	3551	3561	rVB2	2074642	4341951	45.32%	2.905%

Sum of corrected areas: 149478881

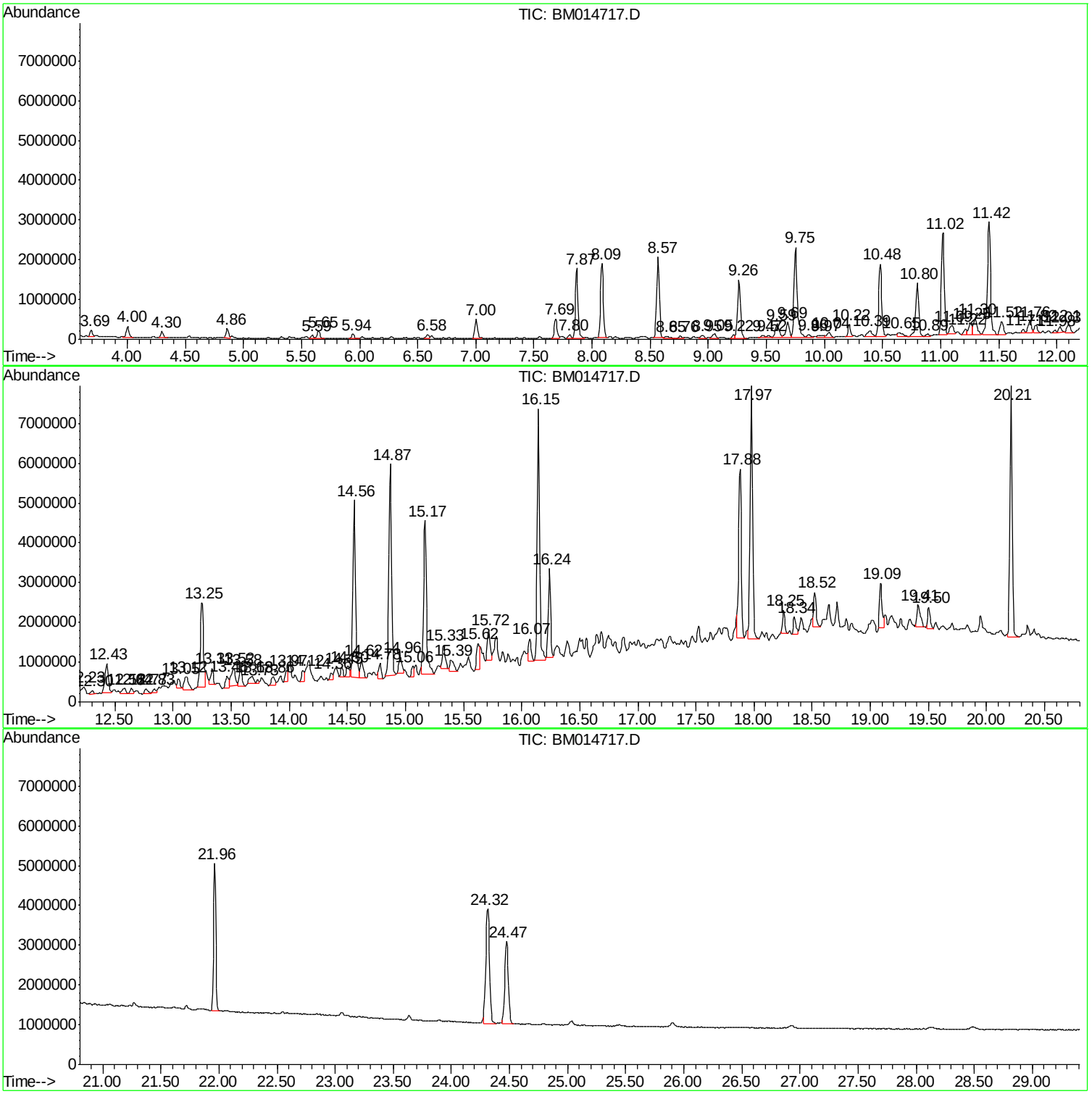
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

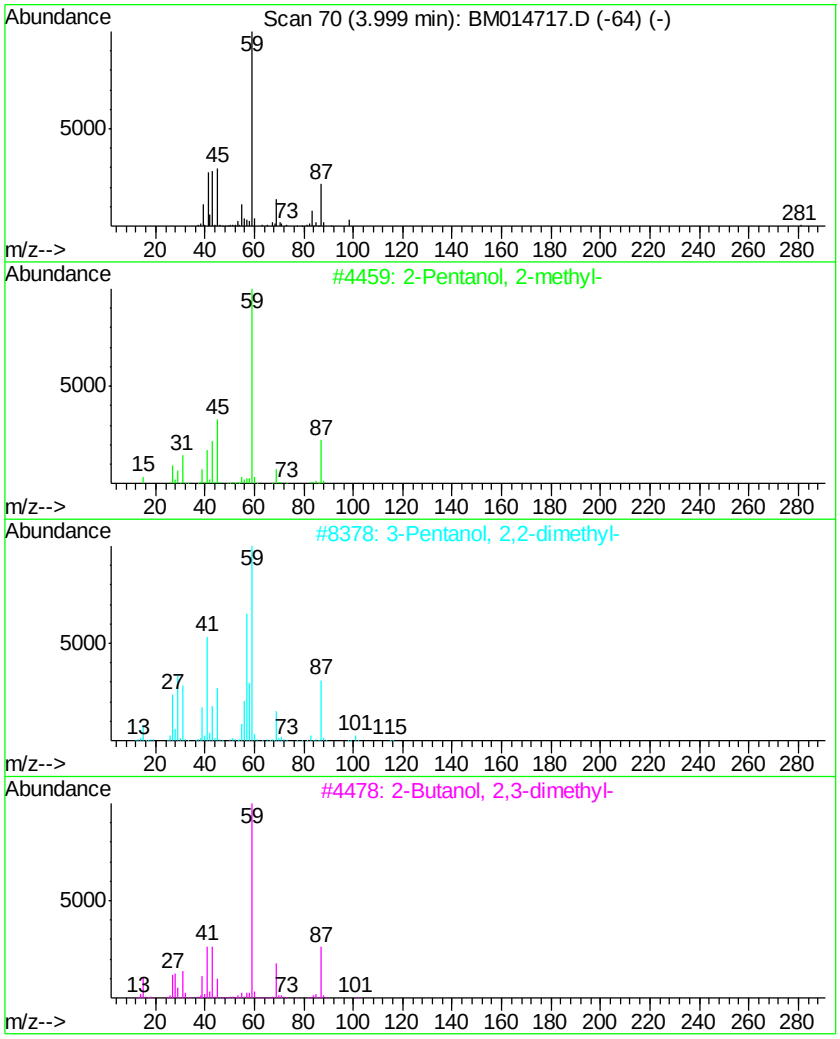
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

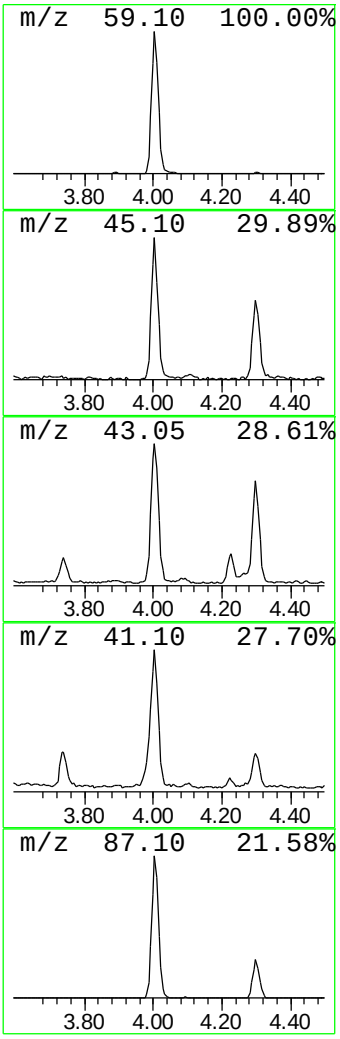
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	2.63 ng/ul	436659	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	64
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

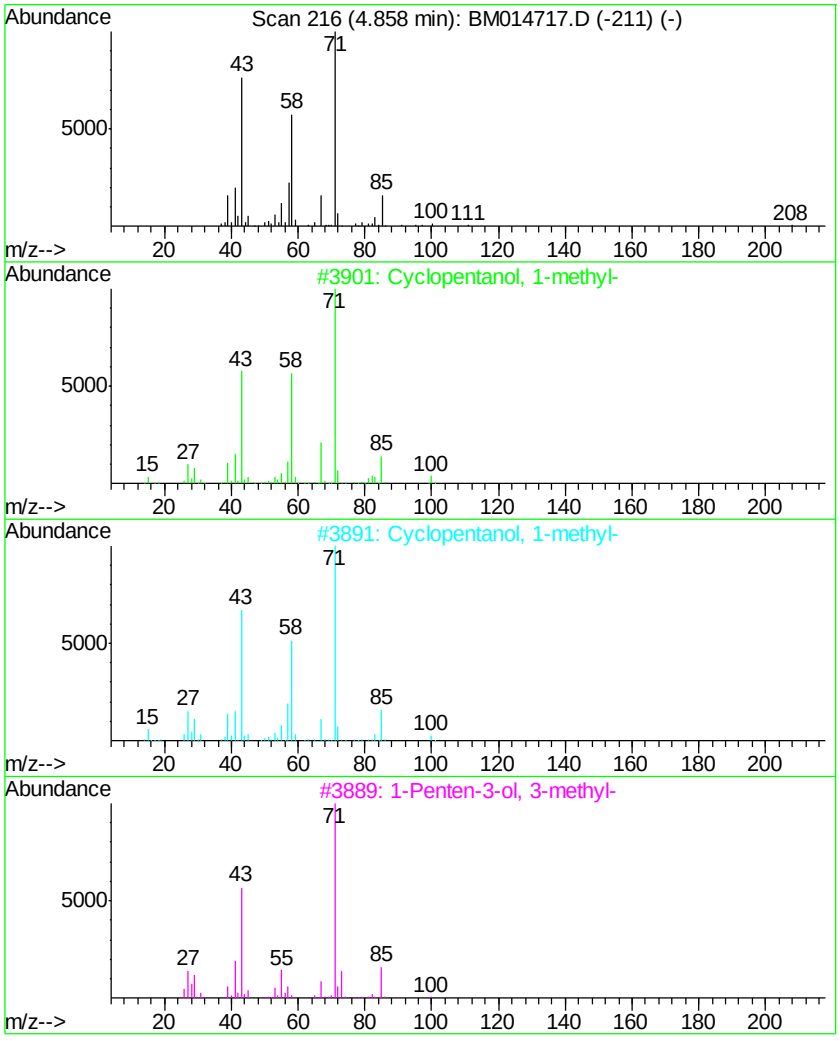
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

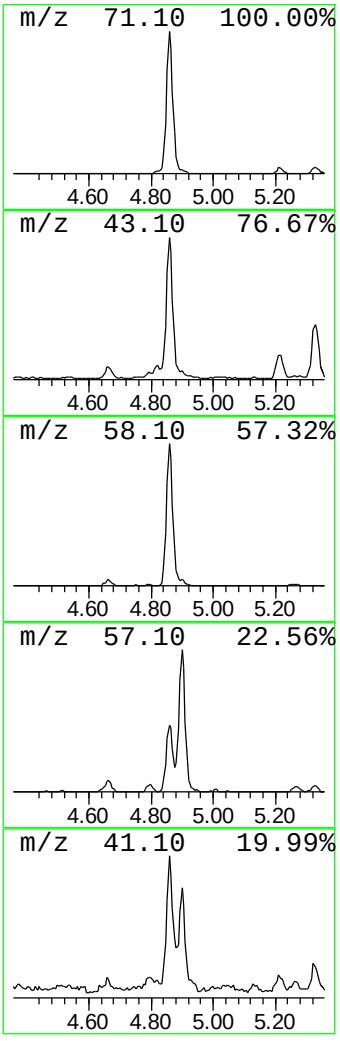
****

Peak Number 2 Cyclopentanol, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	2.28 ng/ul	378656	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	90
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	83
3	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	58
4	Butane, 2-iodo-3-methyl-	198	C5H11I	018295-27-7	47
5	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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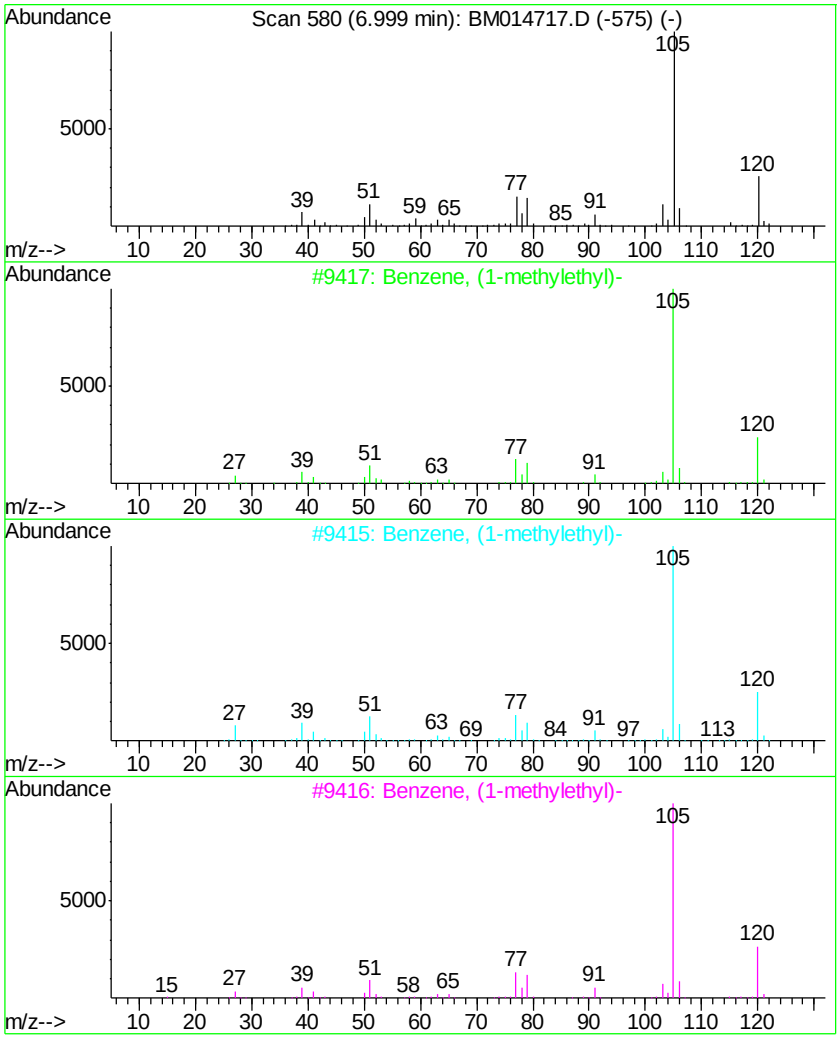
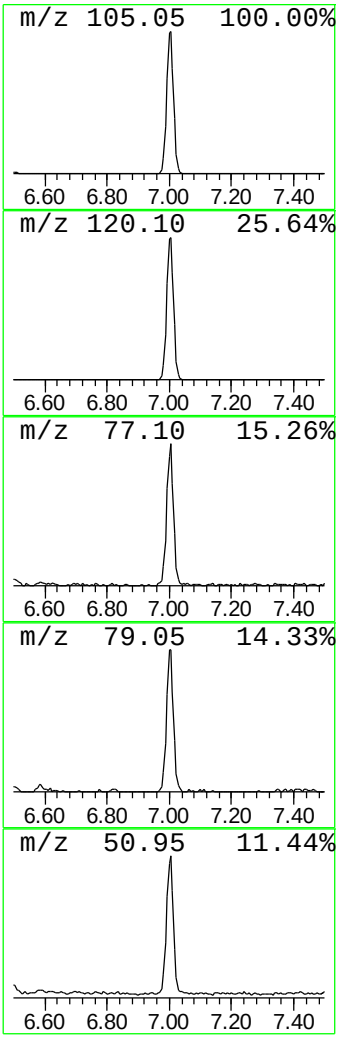
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	4.85 ng/ul	804546	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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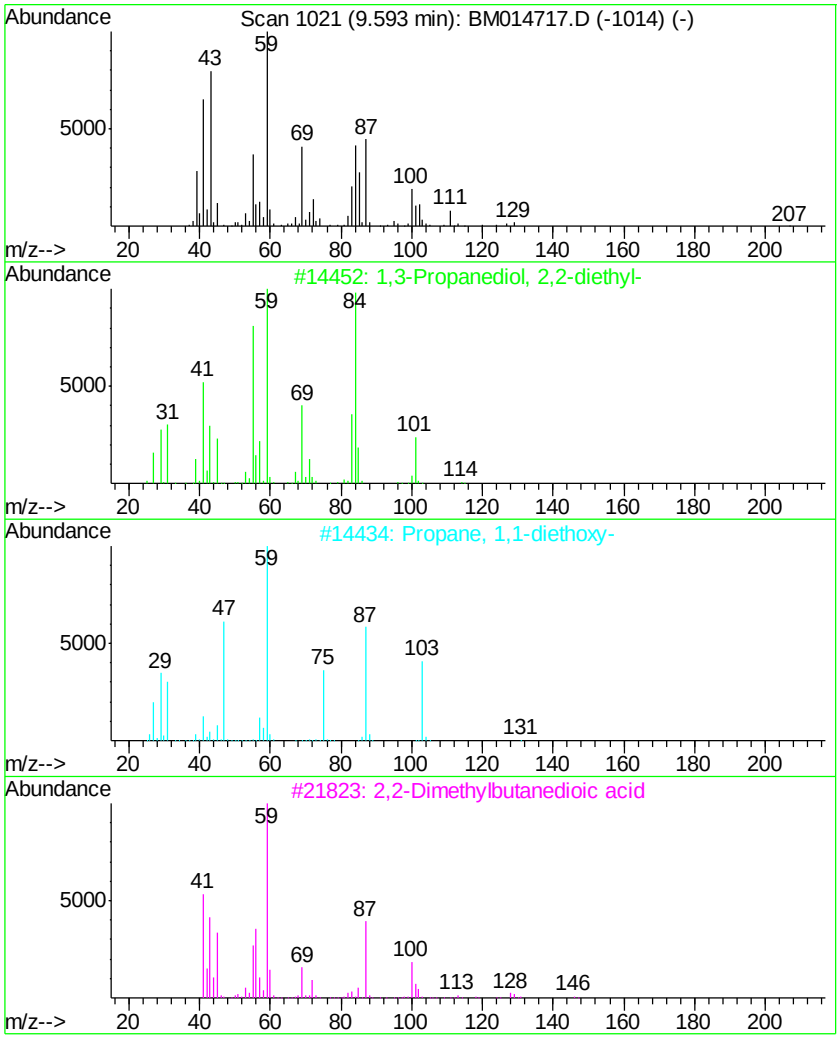
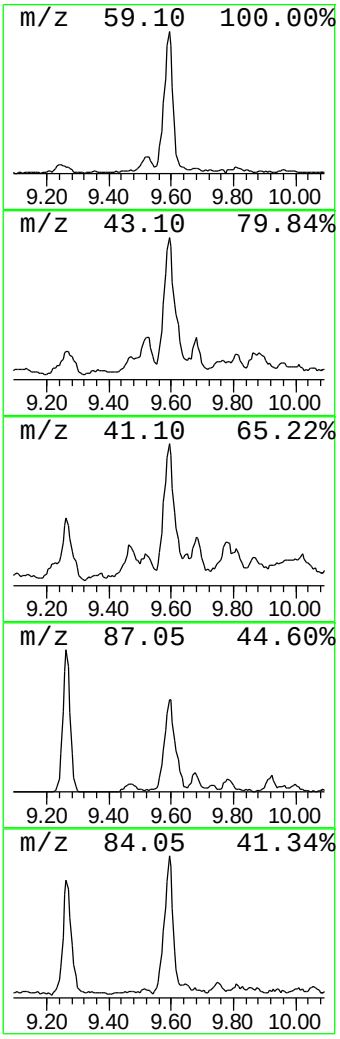
Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.94 ng/ul	818404	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Propanediol, 2,2-diethyl-	132	C7H16O2	000115-76-4	35
2	Propane, 1,1-diethoxy-	132	C7H16O2	004744-08-5	35
3	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	32
4	Allyldimethylsilane	100	C5H12Si	003937-30-2	32
5	Acetaldehyde N-formyl-N-methylhy...	100	C4H8N2O	016568-02-8	32





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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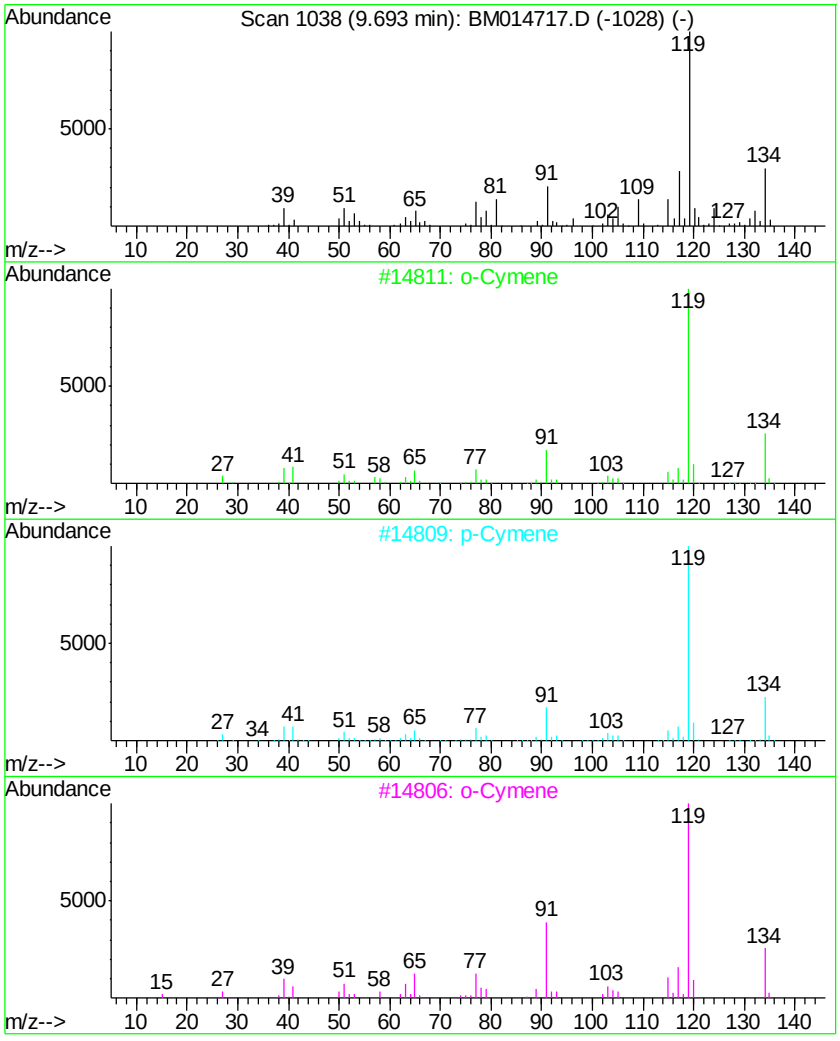
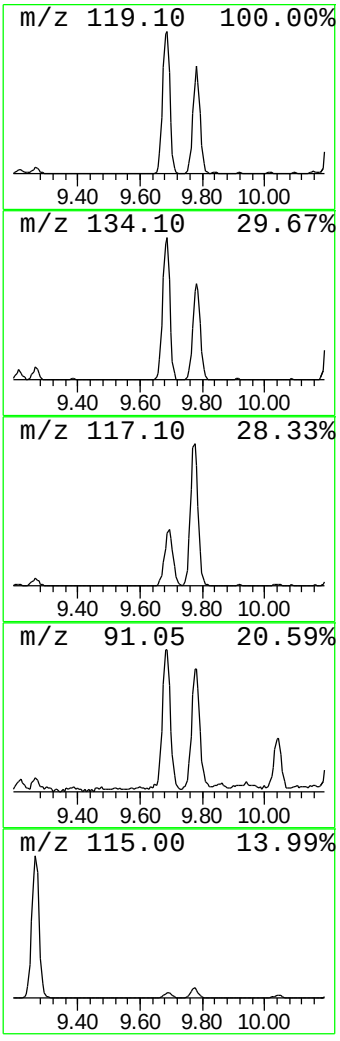
Peak Number 5 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	4.90 ng/ul	812105	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	p-Cymene	134	C10H14	000099-87-6	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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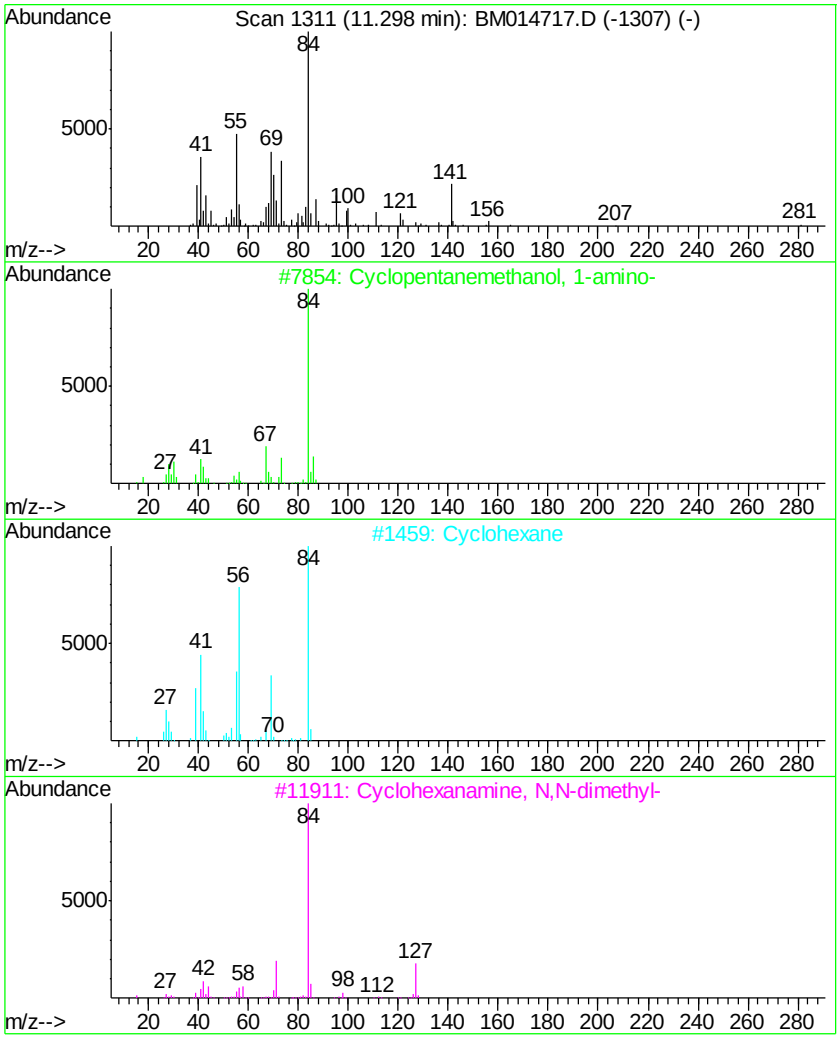
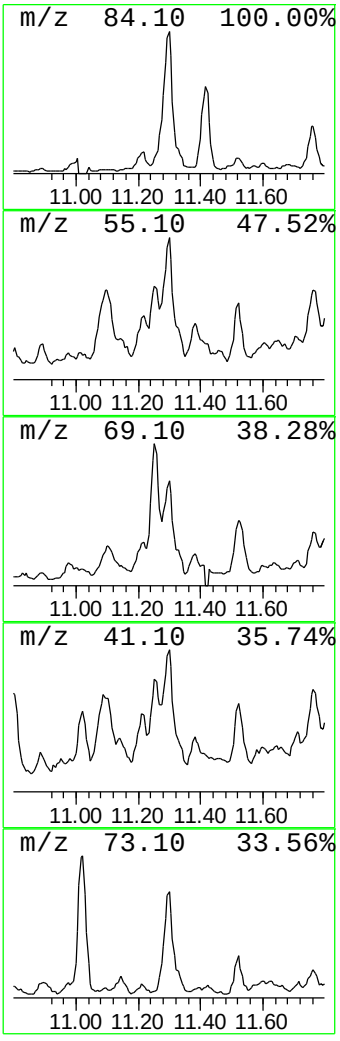
Peak Number 7 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.04 ng/ul	825562	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanemethanol, 1-amino-	115	C6H13NO	010316-79-7	38
2	Cyclohexane	84	C6H12	000110-82-7	38
3	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	38
4	2-(2-Hydroxyethyl)piperidine	129	C7H15NO	001484-84-0	35
5	2-(2-Hydroxyethyl)piperidine	129	C7H15NO	001484-84-0	35





Library Search Compound Report

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Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

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Quant Title : SVOA CALIBRATION

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

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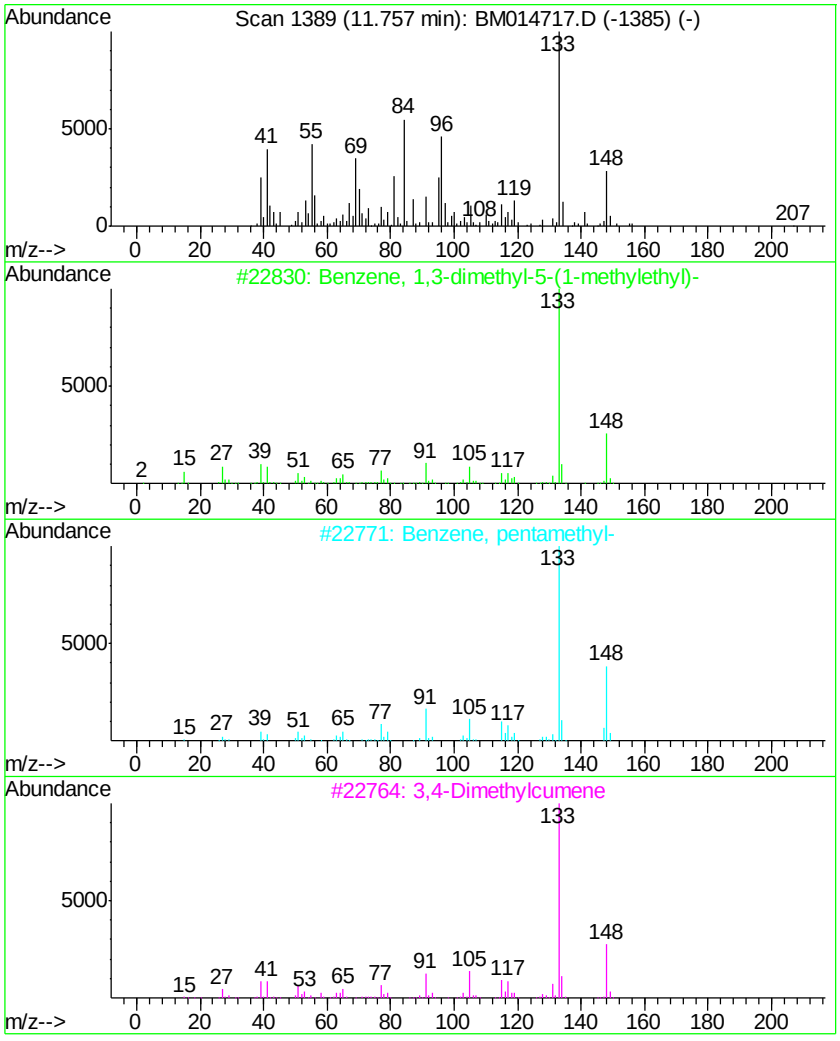
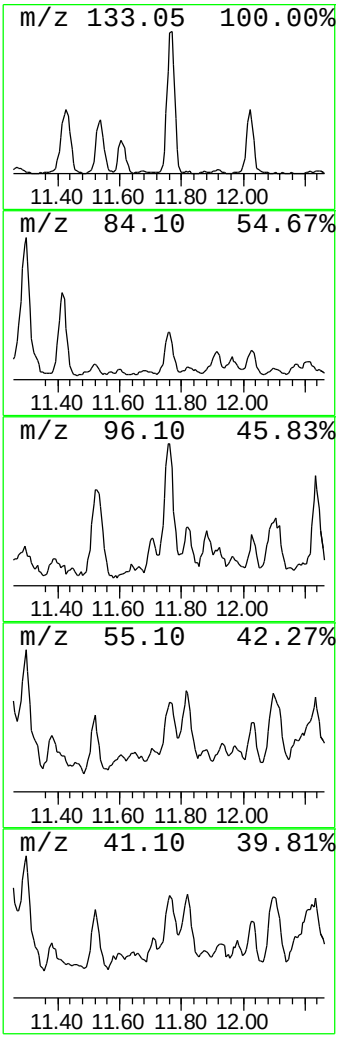
Peak Number 8 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.36 ng/ul	639267	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	86
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	86
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	50
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	50
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	50





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ClientSampleId : F1A54

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Quant Title : SVOA CALIBRATION

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

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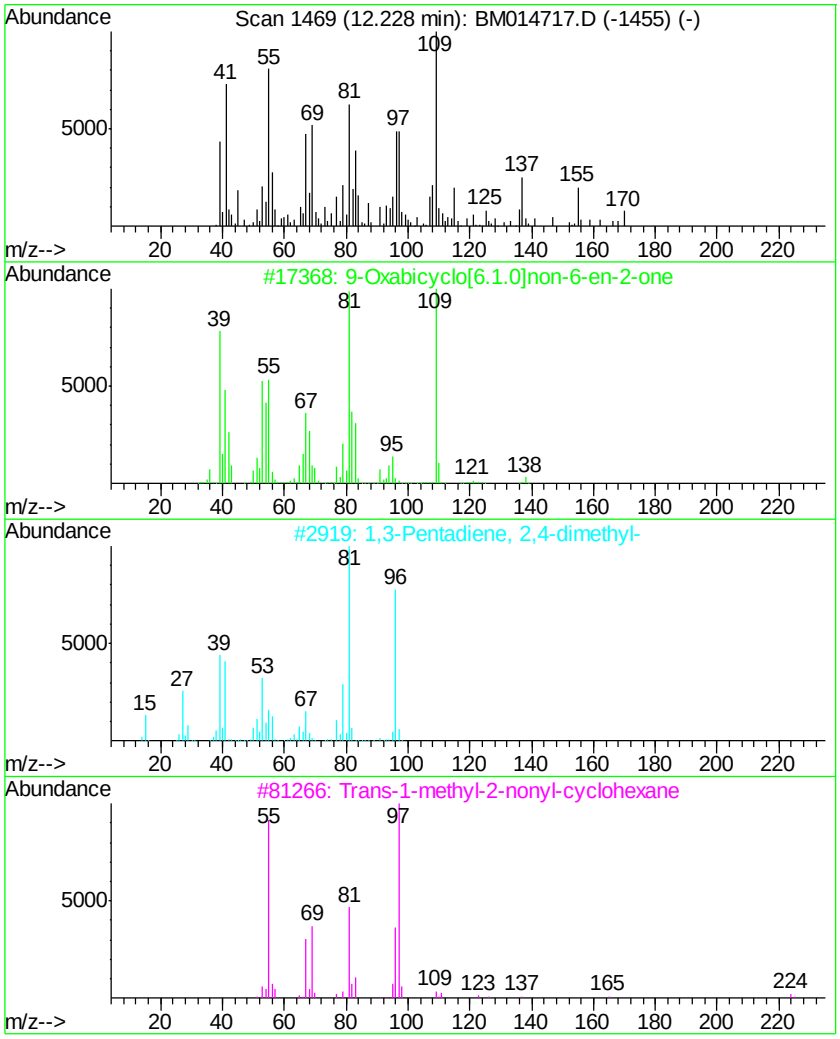
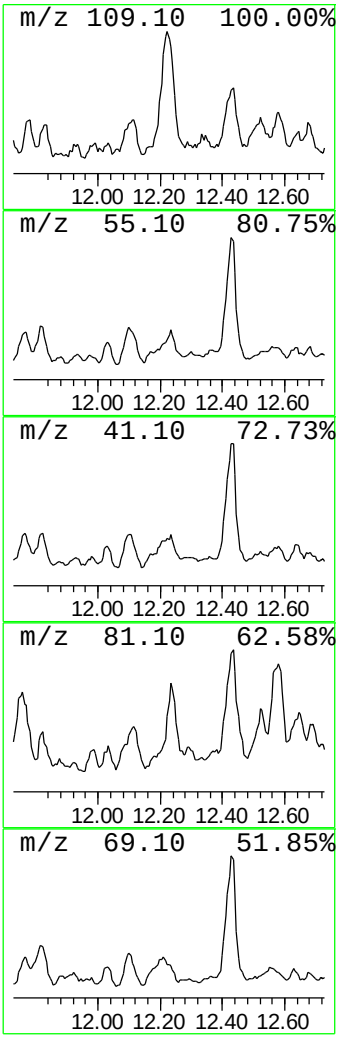
Peak Number 9 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.08 ng/ul	835902	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	43
2	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	38
3	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	35
4	4-Triethylsilylbut-1-en-3-yne	166	C10H18Si	001693-70-5	27
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	25





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Quant Title : SVOA CALIBRATION

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

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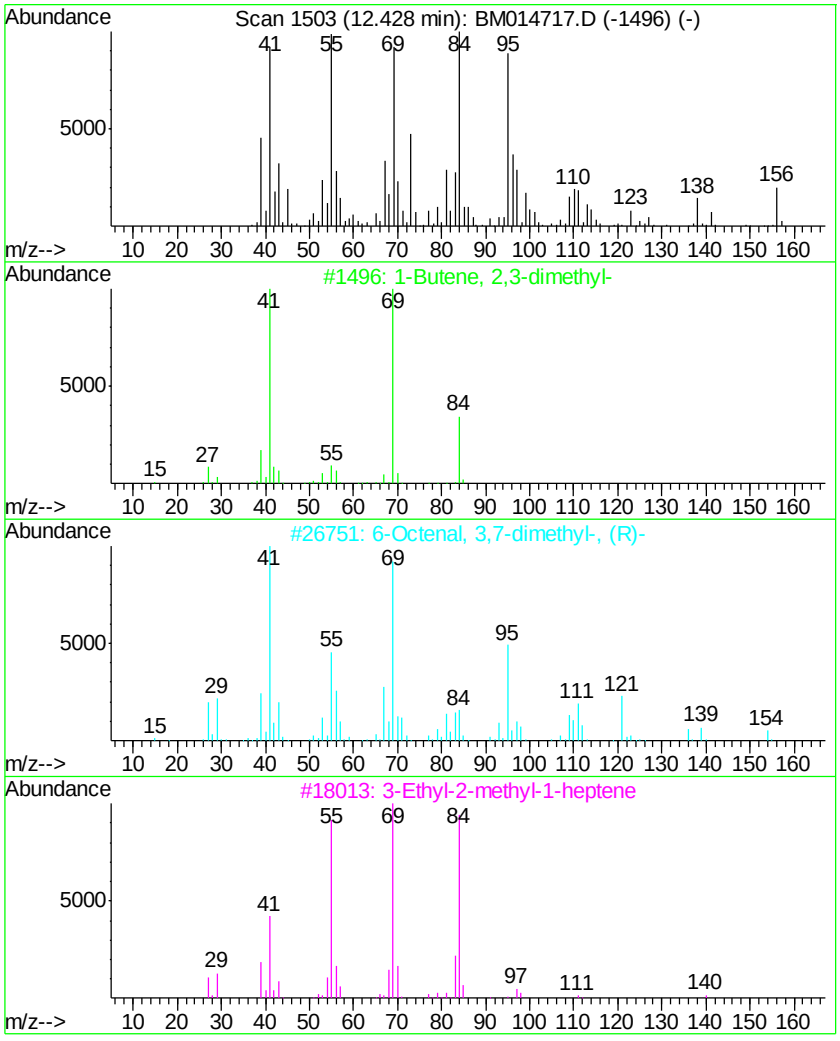
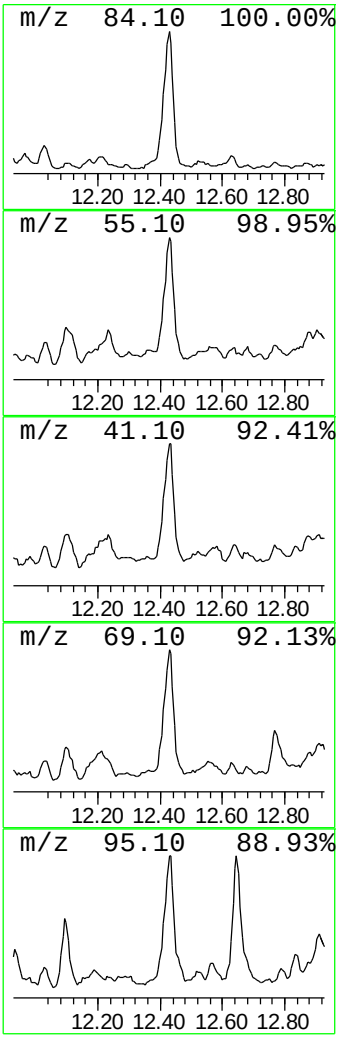
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	5.78 ng/ul	1567170	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	38
2	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	38
3	3-Ethyl-2-methyl-1-heptene	140	C10H20	019780-60-0	38
4	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	38
5	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	25





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Quant Title : SVOA CALIBRATION

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

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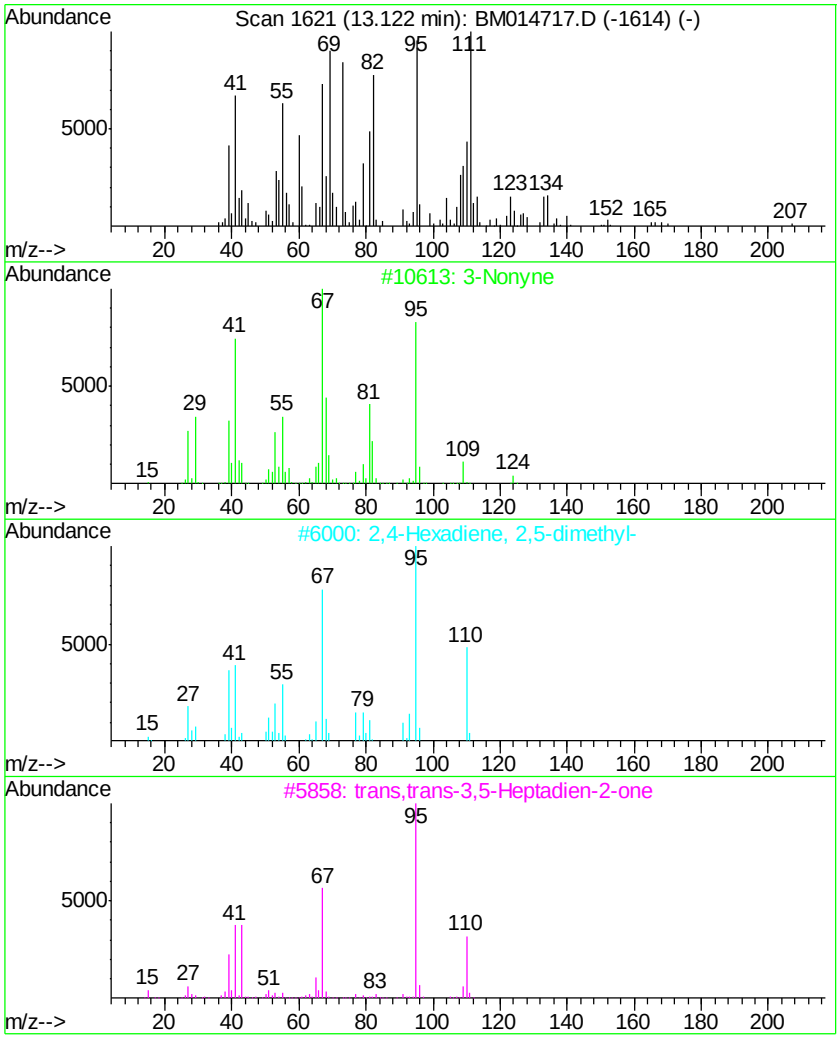
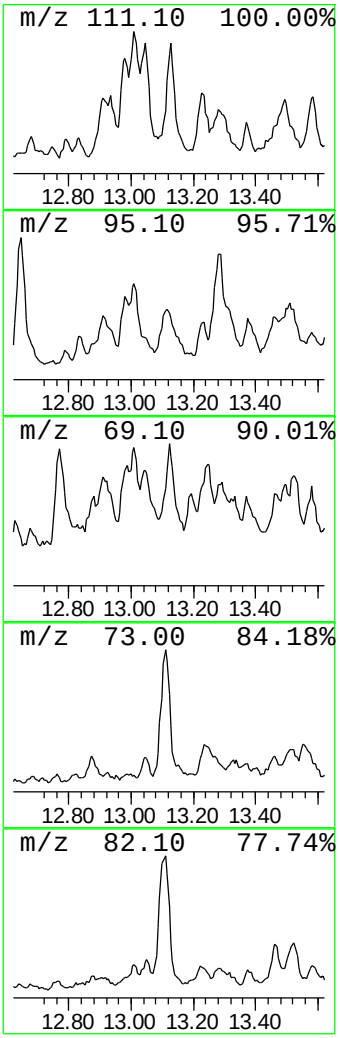
Peak Number 11 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.48 ng/ul	943567	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonyne	124	C9H16	020184-89-8	41
2	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	41
3	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	38
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
5	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	38





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Quant Title : SVOA CALIBRATION

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

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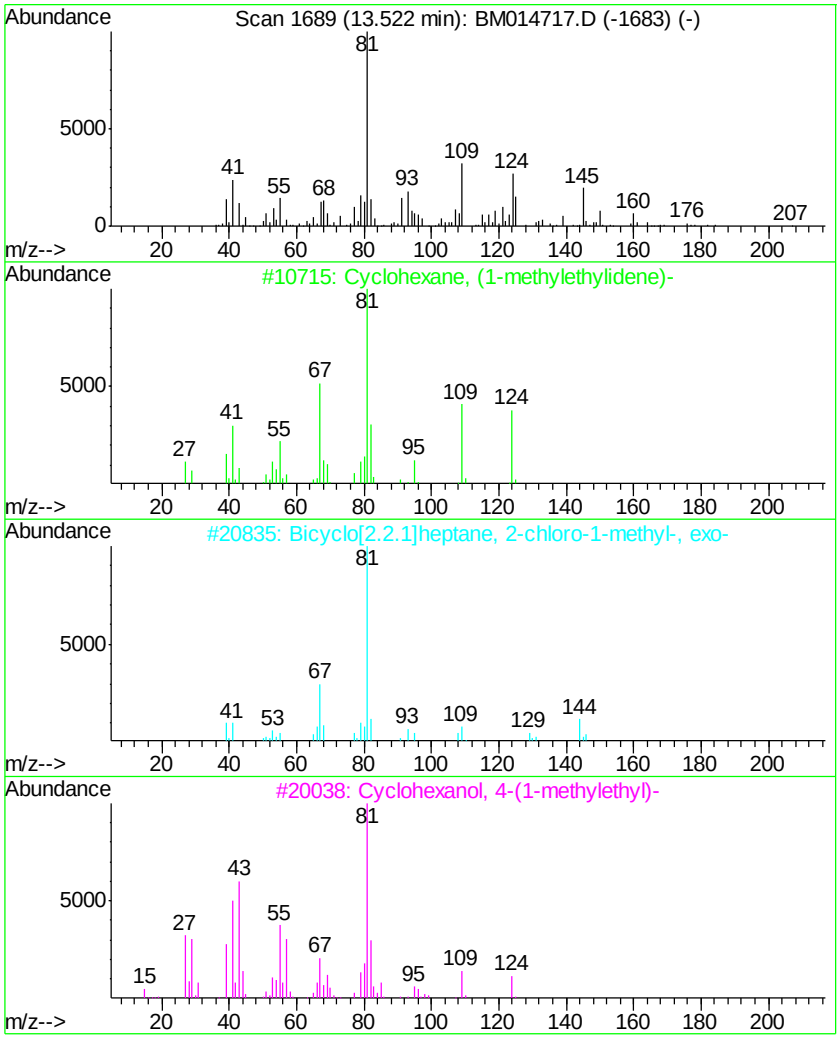
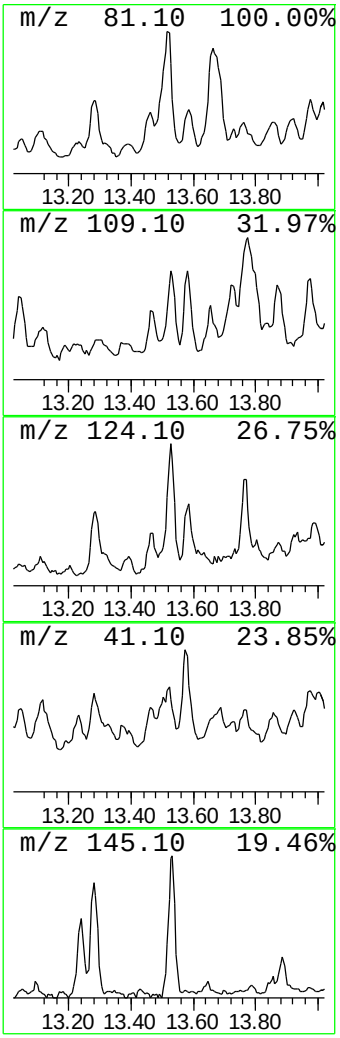
Peak Number 13 Cyclohexane, (1-methylethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.16 ng/ul	1050030	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	53
2	Bicyclo[2.2.1]heptane, 2-chloro-...	144	C8H13Cl	022768-96-3	43
3	Cyclohexanol, 4-(1-methylethyl)-	142	C9H18O	004621-04-9	42
4	Cyclohexanol, 4-(1-methylethyl)-	142	C9H18O	004621-04-9	40
5	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	38





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Quant Title : SVOA CALIBRATION

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

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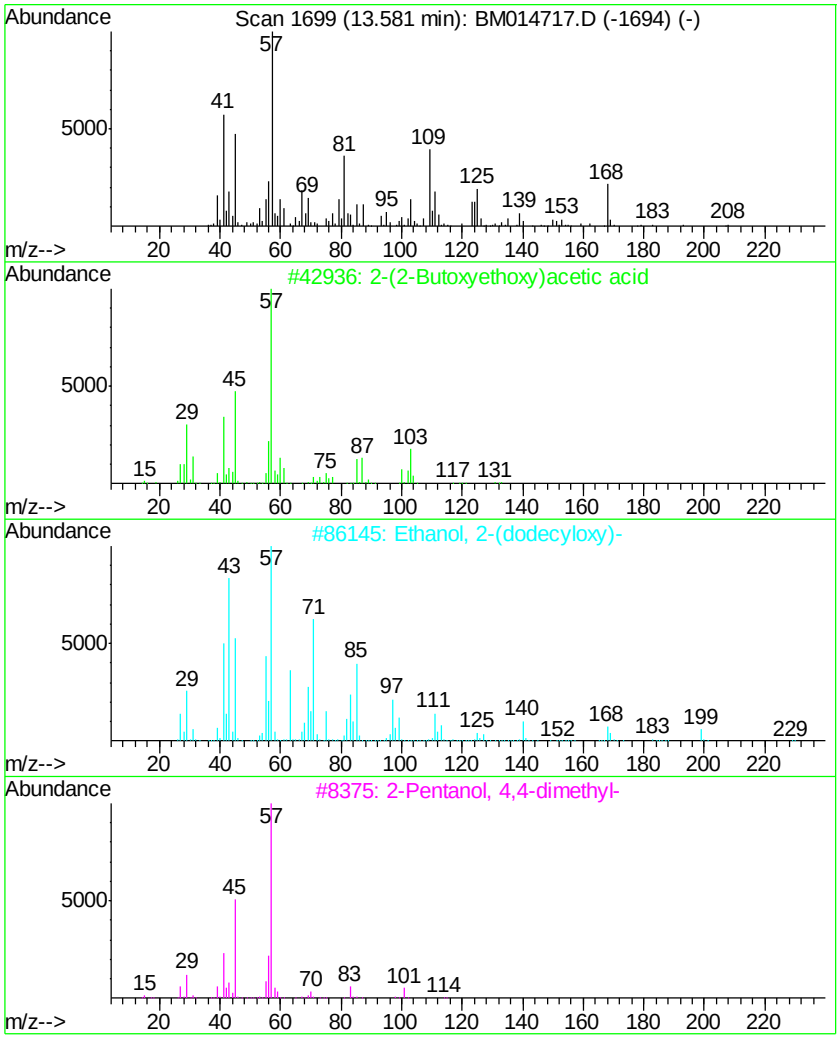
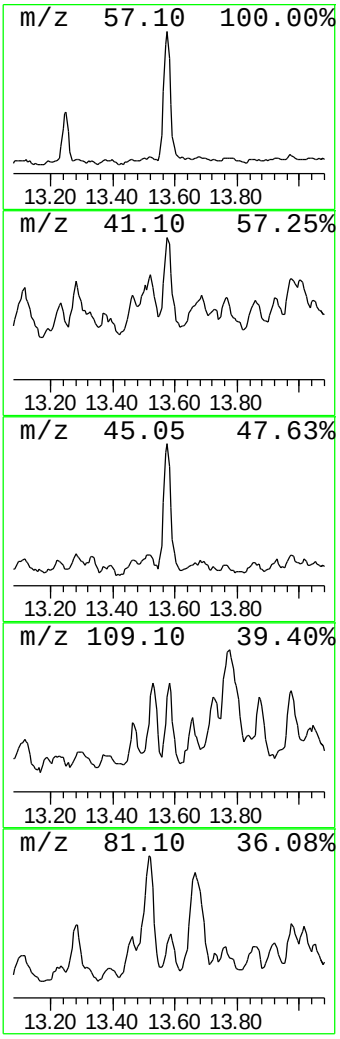
Peak Number 14 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.37 ng/ul	789356	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Butoxyethoxy)acetic acid	176	C8H16O4	082941-26-2	25
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	10
3	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	10
4	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	10
5	Chrysanthemic acid	168	C10H16O2	010453-89-1	10





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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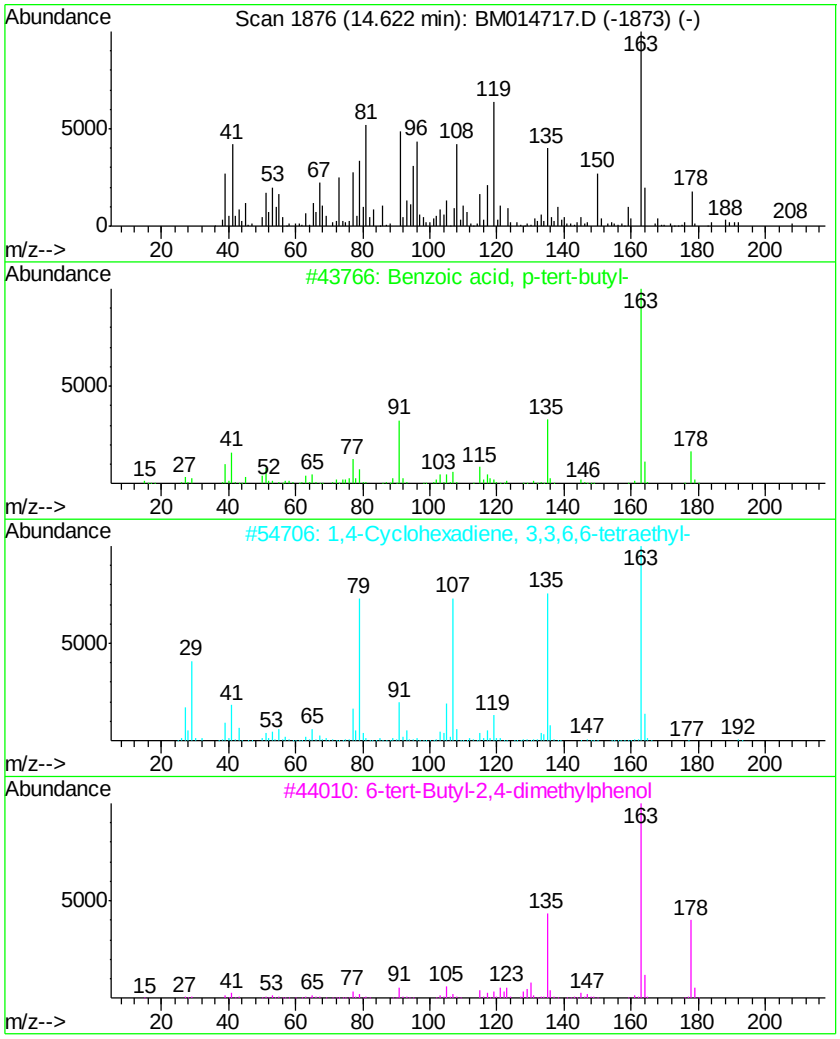
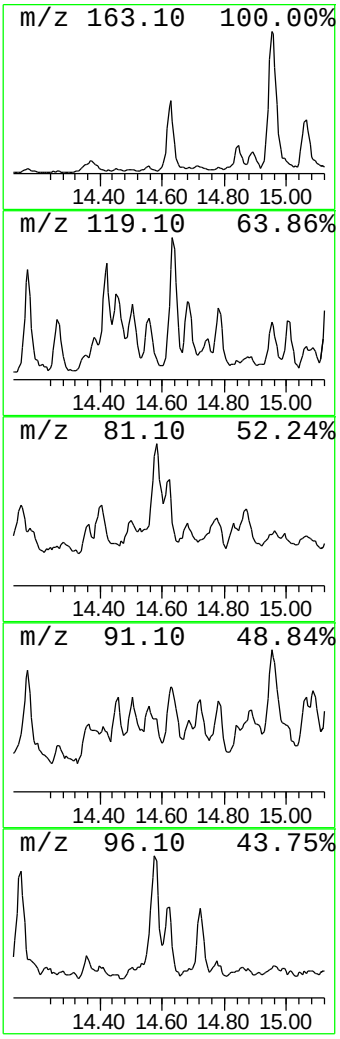
Peak Number 15 unknown-06 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.29 ng/ul	760471	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	38
2	1,4-Cyclohexadiene, 3,3,6,6-tetr...	192	C14H24	078578-89-9	35
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	25
4	Terephthalaldehyde mono-(diethyl...	208	C12H16O3	081172-89-6	22
5	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	22





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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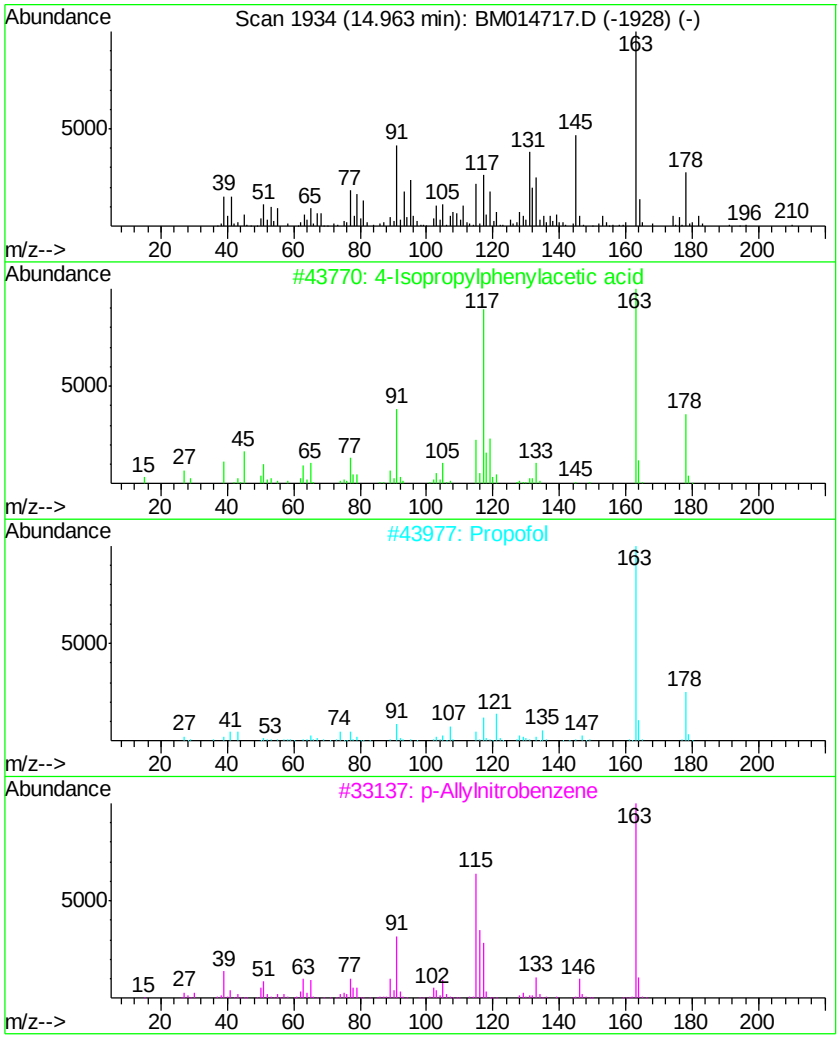
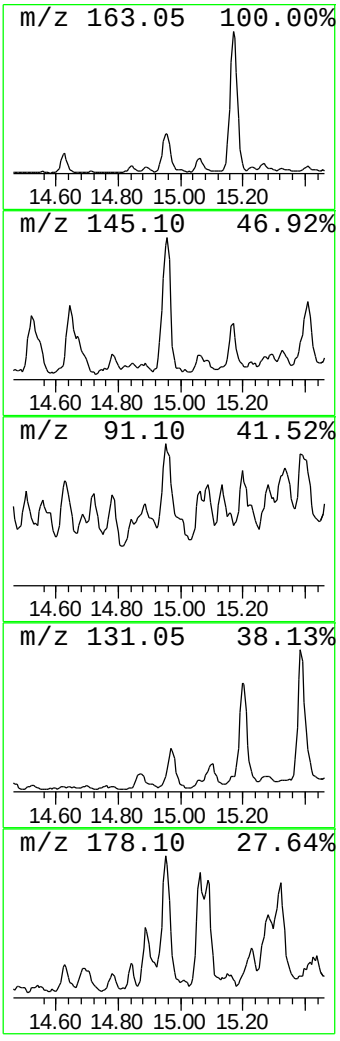
Peak Number 16 4-Isopropylphenylacetic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.20 ng/ul	731725	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	78
2	Propofol	178	C12H18O	002078-54-8	46
3	p-Allylnitrobenzene	163	C9H9NO2	053483-17-3	43
4	7-Nitroindazole	163	C7H5N3O2	002942-42-9	43
5	Propofol	178	C12H18O	002078-54-8	38





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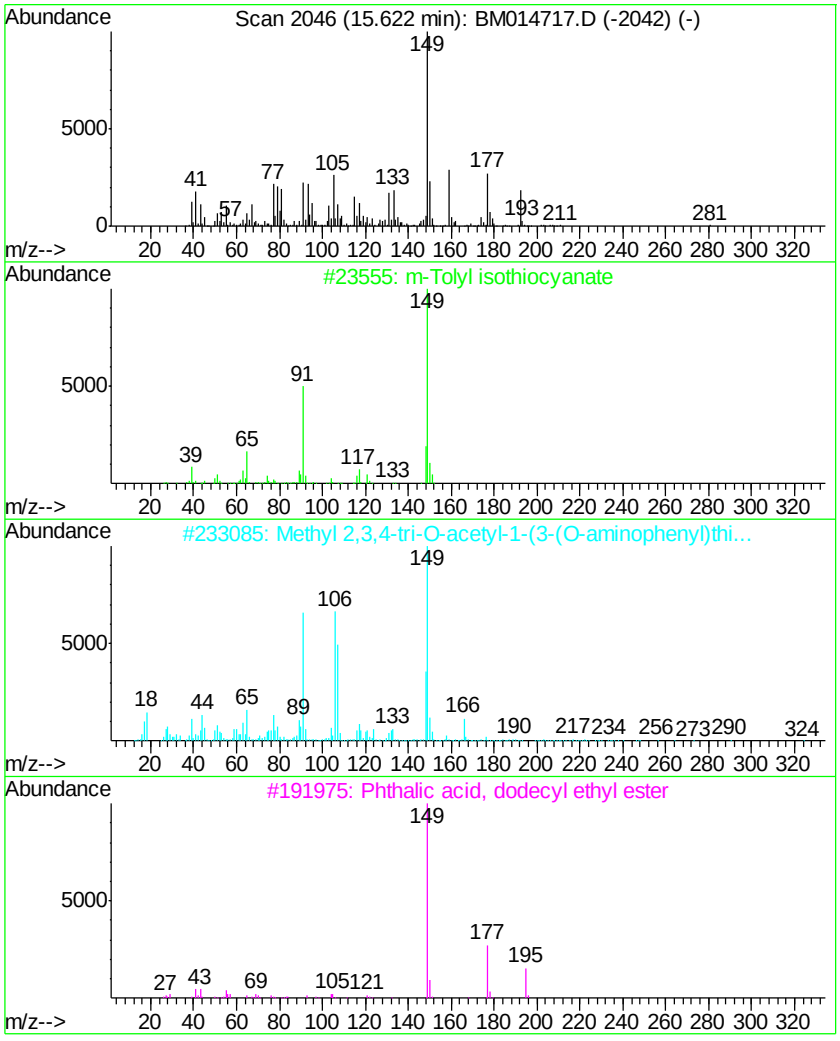
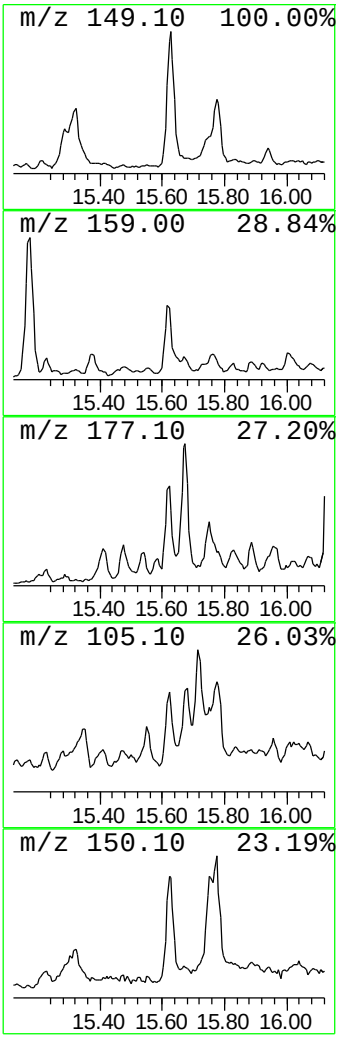
Peak Number 17 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	3.63 ng/ul	1207280	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	38
2	Methyl 2,3,4-tri-O-acetyl-1-(3-(...	483	C20H25N3O9S	1000242-58-9	38
3	Phthalic acid, dodecyl ethyl ester	362	C22H34O4	1000308-93-4	38
4	Phthalic acid, ethyl 2-(2-nitrop...	343	C18H17NO6	1000377-99-1	38
5	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	35





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Quant Title : SVOA CALIBRATION

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

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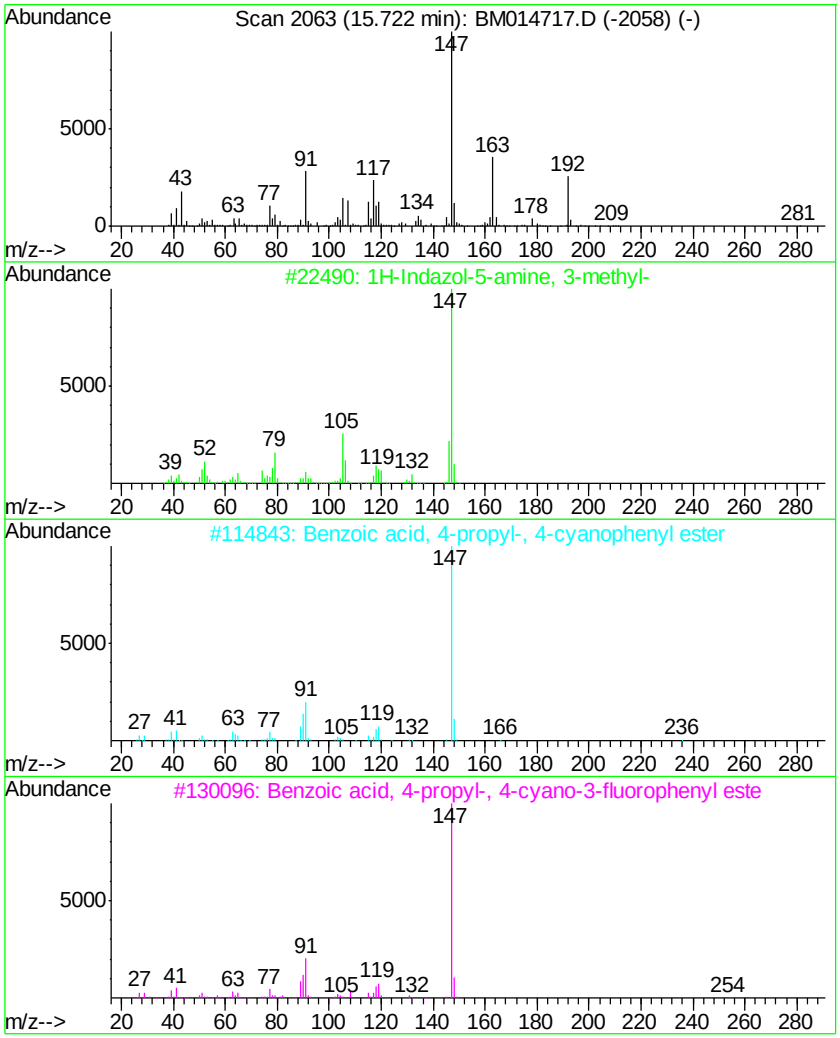
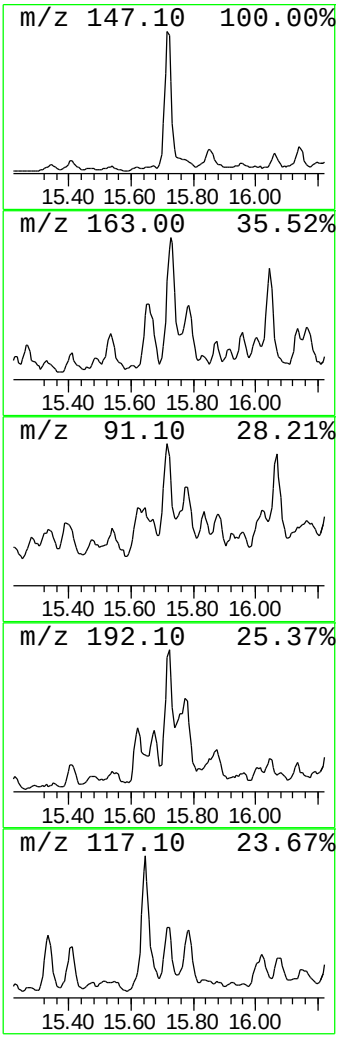
Peak Number 18 unknown-08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.74 ng/ul	1245210	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	43
2	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
3	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	43
5	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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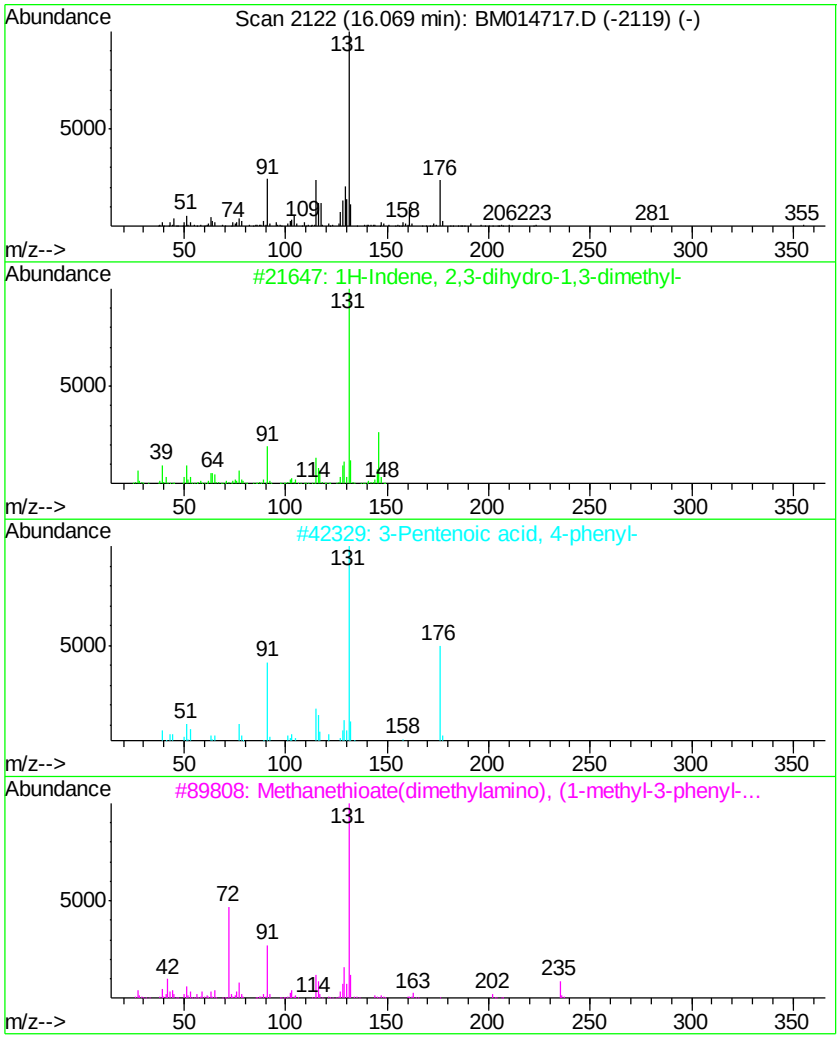
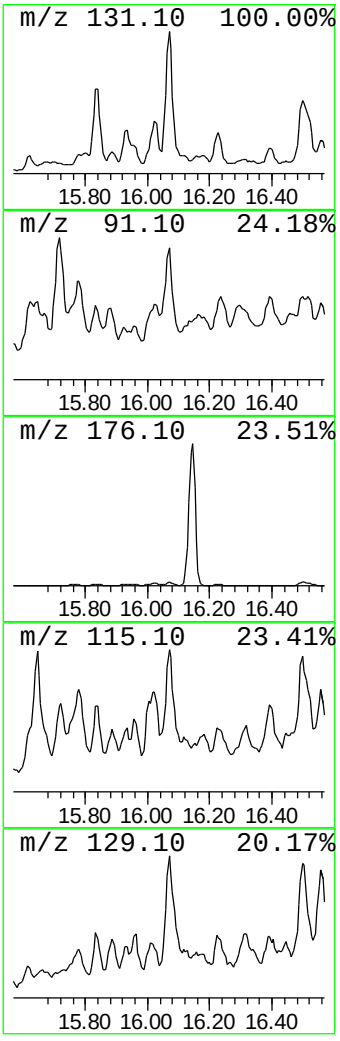
Peak Number 19 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.50 ng/ul	831306	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	68
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	59
3	Methanethioate(dimethylamino), (...	235	C13H17NOS	1000197-43-0	59
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53
5	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

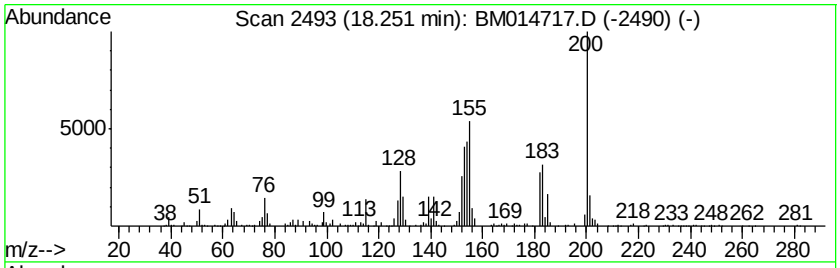
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

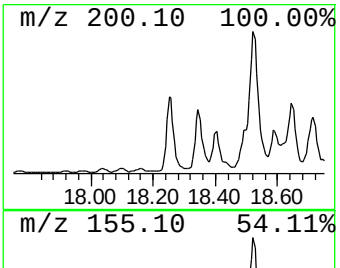
****

Peak Number 20 1-Naphthaleneacetic acid, 2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.46 ng/ul	820214	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	53
2	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	43
3	1H-Indene-1,3(2H)-dione, 2-(2-me...	200	C13H12O2	022123-54-2	27
4	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	27
5	Benzenemethanol, 3-phenoxy-	200	C13H12O2	013826-35-2	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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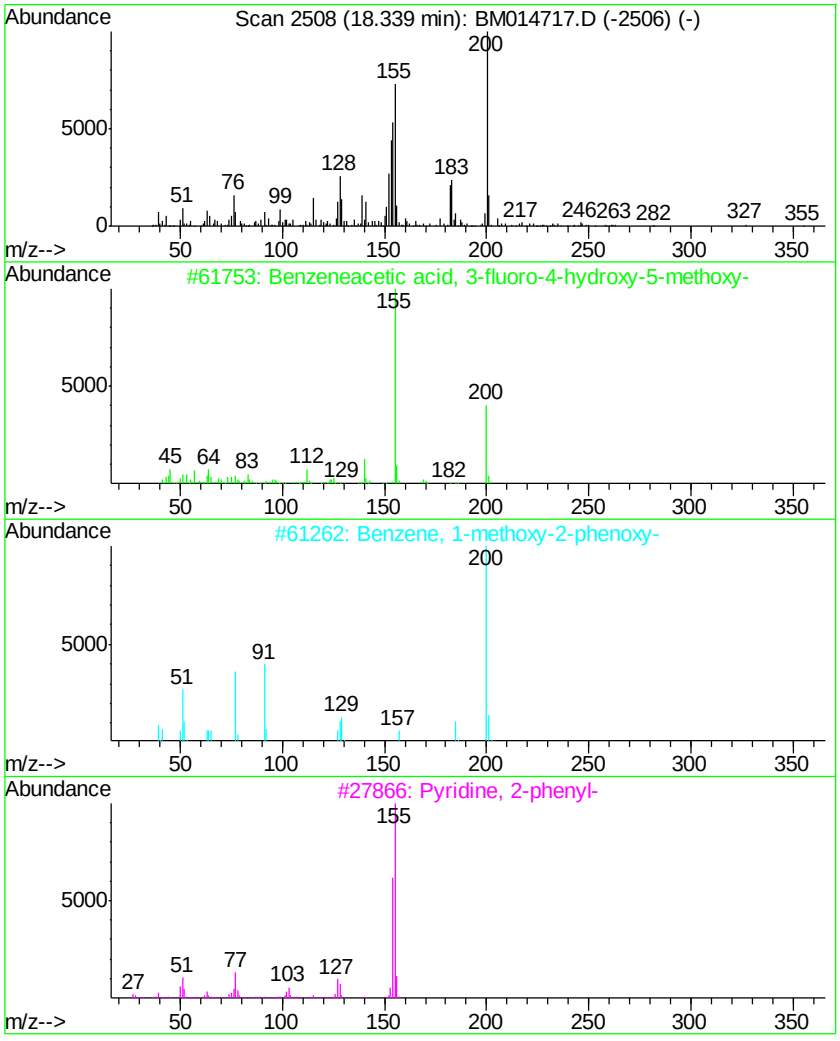
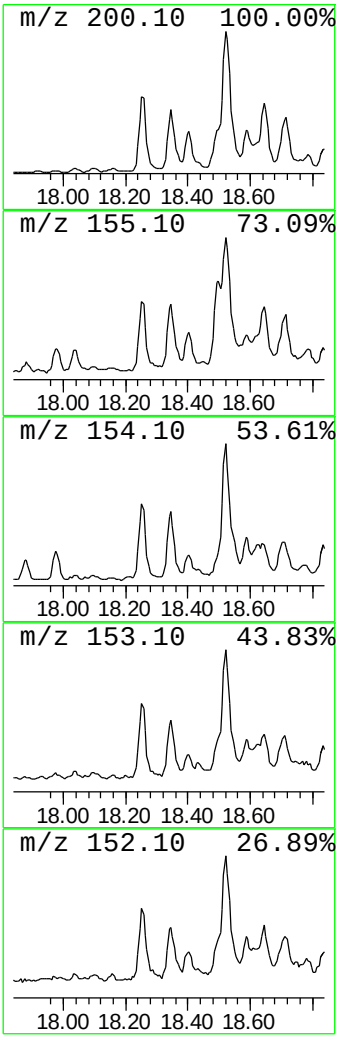
Peak Number 21 unknown-09 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.05 ng/ul	682399	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 3-fluoro-4-h...	200	C9H9FO4	114669-81-7	35
2	Benzene, 1-methoxy-2-phenoxy-	200	C13H12O2	001695-04-1	18
3	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	18
4	Quinoline, 2-ethenyl-	155	C11H9N	000772-03-2	18
5	Cyclobuta[b]quinoline, 1,2-dihydro-	155	C11H9N	013353-49-6	15





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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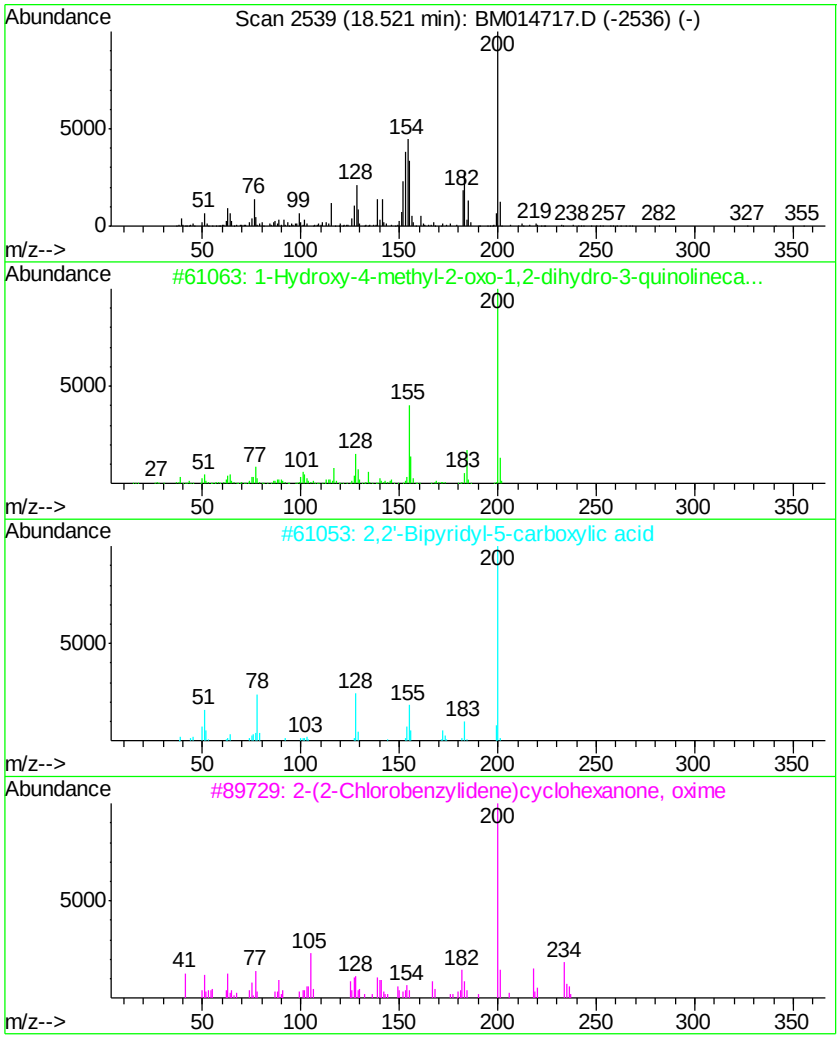
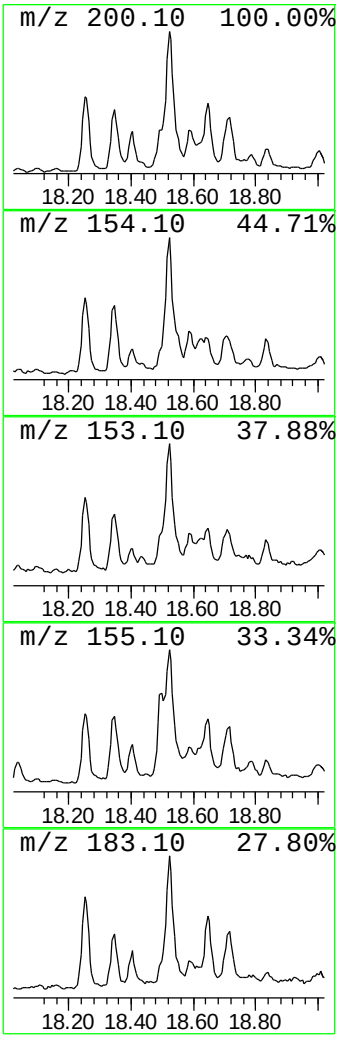
Peak Number 22 unknown-10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.71 ng/ul	1236130	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	32
2	2,2'-Bipyridyl-5-carboxylic acid	200	C11H8N2O2	001970-80-5	32
3	2-(2-Chlorobenzylidene)cyclohexa...	235	C13H14ClNO	041338-72-1	27
4	2-Phenyl-3,5-dimethyl-4-nitrosop...	200	C12H12N2O	075096-71-8	27
5	Benzenemethanol, 3-phenoxy-	200	C13H12O2	013826-35-2	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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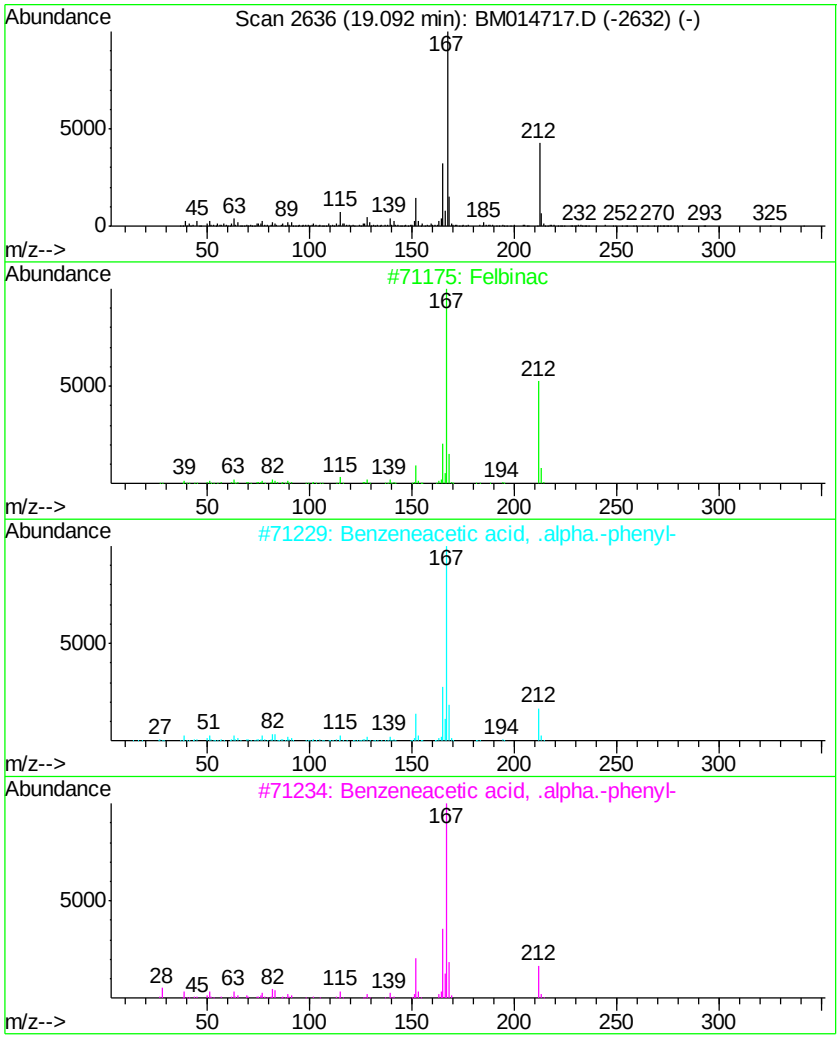
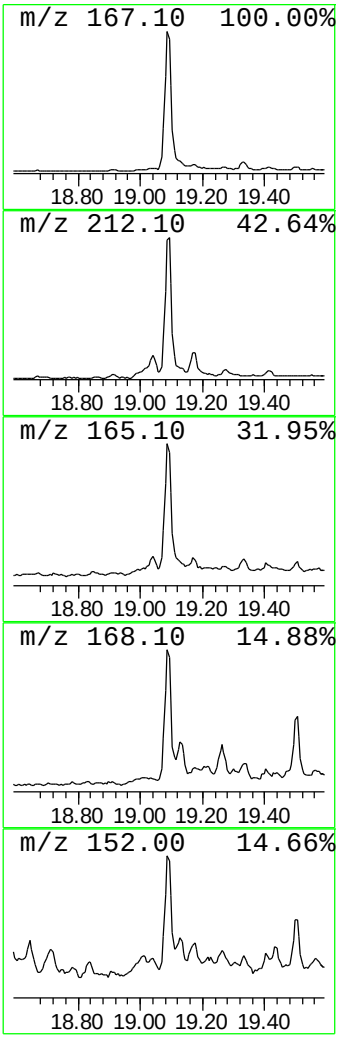
Peak Number 23 Felbinac Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	5.10 ng/ul	1697160	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Felbinac	212	C14H12O2	005728-52-9	91
2	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	91
3	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	90
4	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	64
5	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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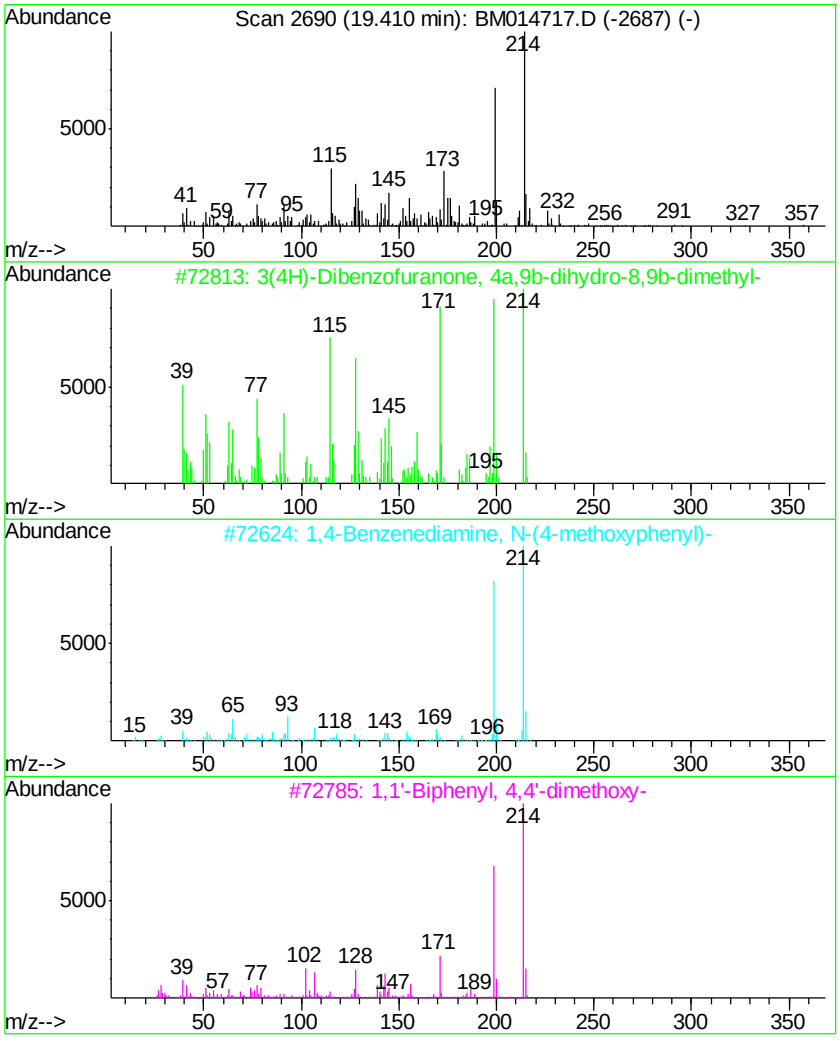
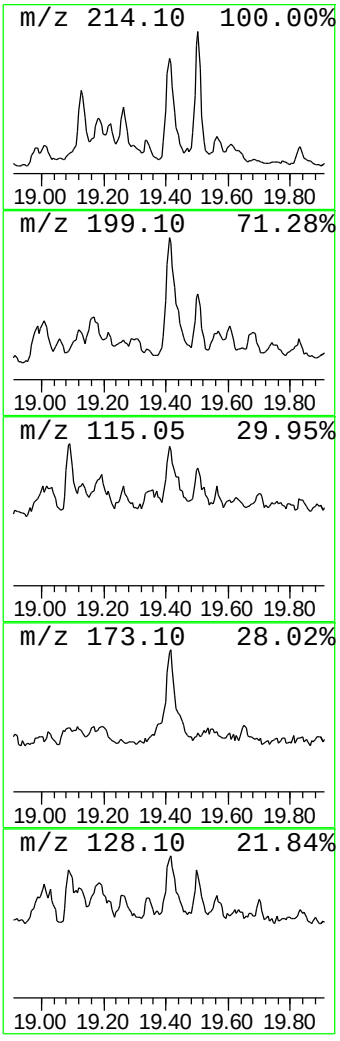
Peak Number 24 3(4H)-Dibenzofuranone, 4a,9... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	3.48 ng/ul	1159430	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(4H)-Dibenzofuranone, 4a,9b-dih...	214	C14H14O2	000546-24-7	64
2	1,4-Benzenediamine, N-(4-methoxy...	214	C13H14N2O	000101-64-4	64
3	1,1'-Biphenyl, 4,4'-dimethoxy-	214	C14H14O2	002132-80-1	64
4	Benzene, 1-methoxy-4-(4-methylph...	214	C14H14O2	003402-85-5	58
5	Ferrocene, ethyl-	214	C12H14Fe	001273-89-8	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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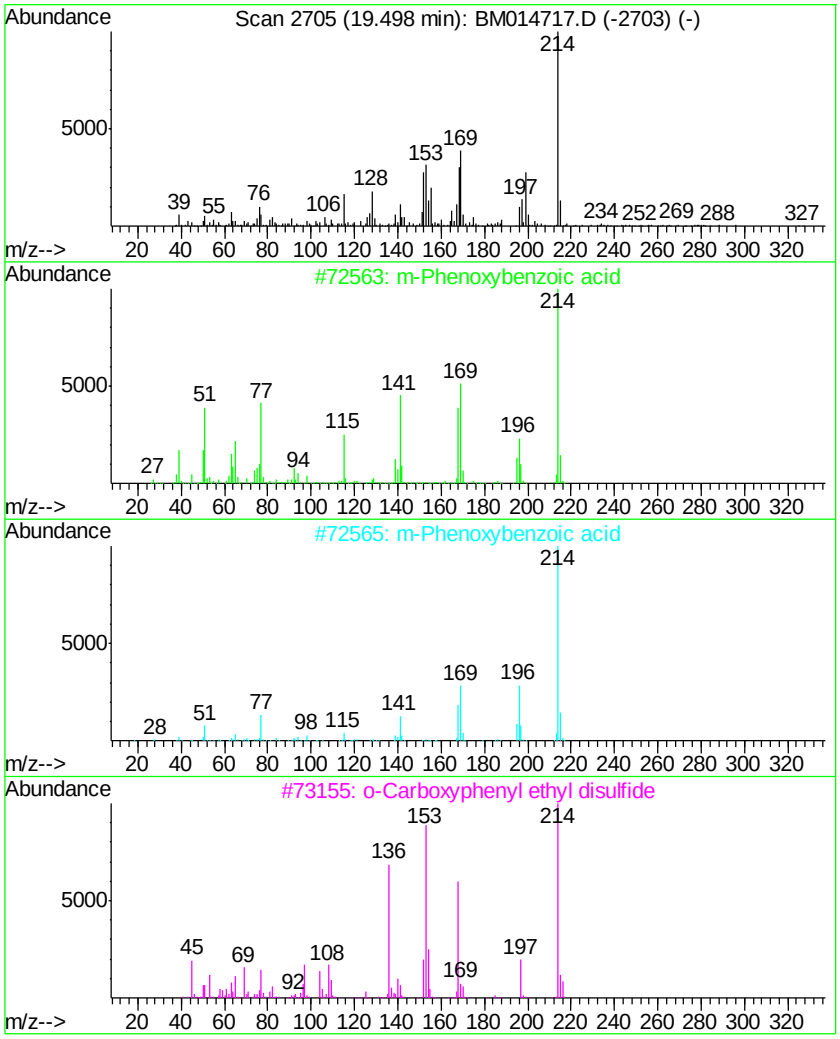
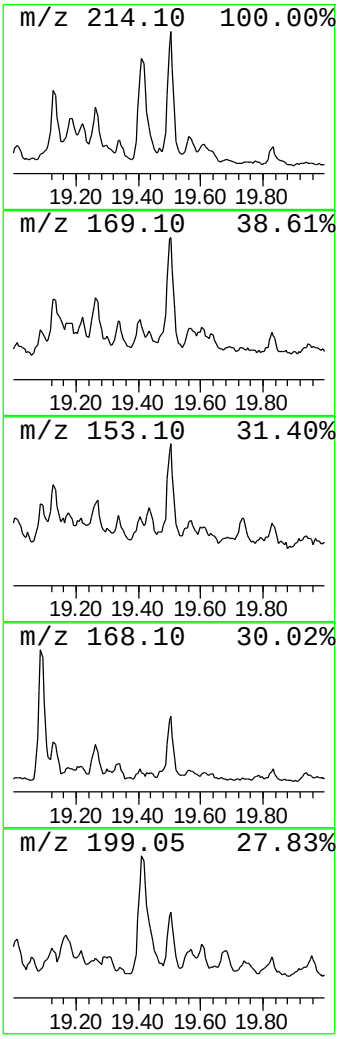
Peak Number 25 m-Phenoxybenzoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.30 ng/ul	765084	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Phenoxybenzoic acid	214	C13H10O3	003739-38-6	70
2	m-Phenoxybenzoic acid	214	C13H10O3	003739-38-6	62
3	o-Carboxyphenyl ethyl disulfide	214	C9H10O2S2	026929-63-5	58
4	m-Phenoxybenzoic acid	214	C13H10O3	003739-38-6	52
5	1,1'-Biphenyl, 3,4'-dimethoxy-	214	C14H14O2	084591-12-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041718\
Data File : BM014717.D
Acq On : 17 Apr 2018 11:23
Operator : SJ/JU
Sample : J2313-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanol, 2-met...	4.00	2.6	ng/ul	436659	1	8.57	3316290	20.0
Cyclopentanol, 1-...	4.86	2.3	ng/ul	378656	1	8.57	3316290	20.0
Benzene, (1-methy...	7.00	4.8	ng/ul	804546	1	8.57	3316290	20.0
unknown-01	9.59	4.9	ng/ul	818404	1	8.57	3316290	20.0
o-Cymene	9.69	4.9	ng/ul	812105	1	8.57	3316290	20.0
unknown-02	11.30	3.0	ng/ul	825562	2	11.42	5423550	20.0
Benzene, 1,3-dime...	11.76	2.4	ng/ul	639267	2	11.42	5423550	20.0
unknown-03	12.23	3.1	ng/ul	835902	2	11.42	5423550	20.0
(DEL) Alkane: Str...	12.43	5.8	ng/ul	1567170	2	11.42	5423550	20.0
unknown-04	13.12	3.5	ng/ul	943567	2	11.42	5423550	20.0
Cyclohexane, (1-m...	13.52	3.2	ng/ul	1050030	3	15.17	6654560	20.0
unknown-05	13.58	2.4	ng/ul	789356	3	15.17	6654560	20.0
unknown-06	14.62	2.3	ng/ul	760471	3	15.17	6654560	20.0
4-Isopropylphenyl...	14.96	2.2	ng/ul	731725	3	15.17	6654560	20.0
unknown-07	15.62	3.6	ng/ul	1207280	3	15.17	6654560	20.0
unknown-08	15.72	3.7	ng/ul	1245210	3	15.17	6654560	20.0
1H-Indene, 2,3-di...	16.07	2.5	ng/ul	831306	3	15.17	6654560	20.0
1-Naphthaleneacet...	18.25	2.5	ng/ul	820214	4	17.88	6660650	20.0
unknown-09	18.34	2.0	ng/ul	682399	4	17.88	6660650	20.0
unknown-10	18.52	3.7	ng/ul	1236130	4	17.88	6660650	20.0
Felbinac	19.09	5.1	ng/ul	1697160	4	17.88	6660650	20.0
3(4H)-Dibenzofura...	19.41	3.5	ng/ul	1159430	4	17.88	6660650	20.0
m-Phenoxybenzoic ...	19.50	2.3	ng/ul	765084	4	17.88	6660650	20.0