LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013039.D
Acq On : 18 Nov 2017 14:33
Operator : SJ/JU
Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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-BM111617.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	5.069	330	337	348	rVB	4882784	6845917	100.00%	14.660%
2	5.192	352	358	363	rVV	58690	82878	1.21%	0.177%
3	5.257	363	369	377	rVB	192188	285342	4.17%	0.611%
4	5.387	385	391	399	rBV	502031	949907	13.88%	2.034%
5	5.463	399	404	410	rVB2	103836	160787	2.35%	0.344%
6	5.751	446	453	461	rBV	174233	265735	3.88%	0.569%
7	6.222	524	533	549	rVB	922882	1380482	20.17%	2.956%
8	6.398	555	563	568	rBV3	296084	477943	6.98%	1.024%
9	6.710	607	616	624	rVB2	98870	212458	3.10%	0.455%
10	7.057	669	675	680	rBV	113589	182046	2.66%	0.390%
11	7.110	680	684	687	rVV	58042	96202	1.41%	0.206%
12	7.145	687	690	695	rVB2	85753	124429	1.82%	0.266%
13	7.251	702	708	716	rBV2	139825	315318	4.61%	0.675%
14	7.369	723	728	732	rBV2	124188	181844	2.66%	0.389%
15	7.422	732	737	743	rVB3	181838	290034	4.24%	0.621%
16	7.716	777	787	792	rBV	701663	1193400	17.43%	2.556%
17	7.828	801	806	809	rBV	59145	84008	1.23%	0.180%
18	7.916	817	821	828	rVB	224053	324590	4.74%	0.695%
19	8.081	841	849	860	rVB3	85336	216232	3.16%	0.463%
20	8.416	900	906	912	rVB2	106312	191087	2.79%	0.409%
21	8.622	935	941	945	rBV4	50232	85540	1.25%	0.183%
22	8.698	949	954	967	rVB5	77606	190470	2.78%	0.408%
23	8.816	967	974	978	rBV2	150630	246570	3.60%	0.528%
24	8.863	978	982	990	rVV	148135	289872	4.23%	0.621%
25	8.945	990	996	1007	rVB2	201891	424058	6.19%	0.908%
26	9.333	1054	1062	1068	rVB5	60014	118324	1.73%	0.253%
27	9.498	1086	1090	1099	rBV2	98692	169428	2.47%	0.363%
28	9.580	1099	1104	1110	rBV3	119523	214936	3.14%	0.460%
29	9.680	1115	1121	1125	rVV	57425	88725	1.30%	0.190%
30	9.745	1125	1132	1140	rVB10	58009	134266	1.96%	0.288%
31	9.869	1148	1153	1157	rBV	145772	268296	3.92%	0.575%
32	9.916	1157	1161	1168	rVV4	235294	435565	6.36%	0.933%
33	9.980	1168	1172	1177	rVV3	57210	89606	1.31%	0.192%
34	10.051	1179	1184	1189	rVB4	55009	94004	1.37%	0.201%

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Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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-BM111617.M
Title : SVOA CALIBRATION

35	10.122	1189	1196	1203	rBV3	187768	339195	4.95%	0.726%
36	10.233	1203	1215	1224	rBV5	91557	262425	3.83%	0.562%
37	10.310	1224	1228	1233	rBV2	75599	112786	1.65%	0.242%
38	10.498	1253	1260	1265	rBV	870590	1444888	21.11%	3.094%
39	10.551	1265	1269	1273	rVV	68392	102289	1.49%	0.219%
40	10.910	1325	1330	1337	rVB3	73558	128460	1.88%	0.275%
41	11.510	1427	1432	1440	rVB4	44009	93983	1.37%	0.201%
42	11.633	1444	1453	1457	rBV4	46359	101701	1.49%	0.218%
43	11.710	1457	1466	1472	rBV4	38675	114770	1.68%	0.246%
44	11.845	1479	1489	1494	rBV	544876	979390	14.31%	2.097%
45	12.327	1565	1571	1576	rBV7	43152	109353	1.60%	0.234%
46	12.604	1614	1618	1629	rVB2	47427	85938	1.26%	0.184%
47	12.833	1653	1657	1662	rBV	56966	81292	1.19%	0.174%
48	12.886	1662	1666	1671	rVV	198422	260262	3.80%	0.557%
49	12.998	1679	1685	1691	rVB	388872	529440	7.73%	1.134%
50	13.410	1751	1755	1762	rBV4	66313	113709	1.66%	0.244%
51	13.633	1788	1793	1801	rVB3	89592	172701	2.52%	0.370%
52	13.768	1806	1816	1823	rBV3	389536	788723	11.52%	1.689%
53	13.839	1823	1828	1835	rVV3	282812	527380	7.70%	1.129%
54	13.898	1835	1838	1844	rVB2	84028	116466	1.70%	0.249%
55	14.045	1858	1863	1870	rVB	394943	585612	8.55%	1.254%
56	14.139	1873	1879	1889	rVB	146328	269246	3.93%	0.577%
57	14.357	1909	1916	1921	rBV2	1249360	1982039	28.95%	4.245%
58	14.562	1944	1951	1954	rBV7	42799	82487	1.20%	0.177%
59	15.104	2039	2043	2047	rBV	131064	173024	2.53%	0.371%
60	15.257	2065	2069	2073	rVB3	67534	99117	1.45%	0.212%
61	15.351	2079	2085	2093	rVB	441902	665094	9.72%	1.424%
62	15.462	2098	2104	2111	rBV4	116059	196530	2.87%	0.421%
63	15.592	2121	2126	2130	rBV	52298	85894	1.25%	0.184%
64	15.645	2132	2135	2143	rVB5	59294	105921	1.55%	0.227%
65	15.862	2166	2172	2182	rVB3	174479	369782	5.40%	0.792%
66	15.980	2182	2192	2195	rBV10	58968	138492	2.02%	0.297%
67	16.033	2195	2201	2206	rVV2	301571	537915	7.86%	1.152%
68	16.086	2206	2210	2222	rVB5	134269	258811	3.78%	0.554%
69	16.409	2261	2265	2273	rVB2	275083	391319	5.72%	0.838%
70	16.627	2299	2302	2310	rVB5	54833	97945	1.43%	0.210%
71	17.068	2372	2377	2379	rBV	364623	543516	7.94%	1.164%

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Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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-BM111617.M
Title : SVOA CALIBRATION

72	17.104	2379	2383	2391	rVV	1571056	2263651	33.07%	4.848%
73	17.198	2393	2399	2405	rVV2	522156	755810	11.04%	1.619%
74	17.274	2408	2412	2416	rVV3	105545	140117	2.05%	0.300%
75	17.351	2420	2425	2432	rVB7	52390	105063	1.53%	0.225%
76	17.774	2492	2497	2502	rBV	311502	438160	6.40%	0.938%
77	18.145	2554	2560	2566	rVB	338945	483885	7.07%	1.036%
78	18.245	2571	2577	2580	rBV	291791	435024	6.35%	0.932%
79	18.292	2580	2585	2594	rVB	513700	935026	13.66%	2.002%
80	18.698	2649	2654	2659	rBV5	75375	132429	1.93%	0.284%
81	18.833	2673	2677	2683	rBV2	85641	113460	1.66%	0.243%
82	19.103	2717	2723	2732	rVB7	85432	189598	2.77%	0.406%
83	19.221	2736	2743	2750	rBV10	85469	217326	3.17%	0.465%
84	19.492	2781	2789	2794	rBV	623398	875177	12.78%	1.874%
85	19.550	2794	2799	2805	rVB	871310	1089402	15.91%	2.333%
86	19.715	2823	2827	2829	rBV	90483	110229	1.61%	0.236%
87	19.744	2829	2832	2837	rVB	171099	207539	3.03%	0.444%
88	19.792	2837	2840	2845	rVB	111487	133076	1.94%	0.285%
89	19.903	2855	2859	2863	rBV	126129	168182	2.46%	0.360%
90	19.944	2863	2866	2872	rVB	220388	281790	4.12%	0.603%
91	20.003	2872	2876	2880	rBV6	65958	91328	1.33%	0.196%
92	20.227	2910	2914	2919	rVB2	101555	129187	1.89%	0.277%
93	21.286	3089	3094	3101	rVB	2212902	2764639	40.38%	5.920%
94	21.409	3111	3115	3121	rBV	292494	355064	5.19%	0.760%
95	22.868	3361	3363	3372	rVB2	152333	210218	3.07%	0.450%
96	23.374	3443	3449	3456	rBV2	451102	831970	12.15%	1.782%
97	23.444	3456	3461	3466	rVV	187401	312662	4.57%	0.670%
98	23.521	3467	3474	3480	rVB	1366212	2633600	38.47%	5.640%
99	24.091	3567	3571	3577	rVB2	158536	270339	3.95%	0.579%
100	24.844	3696	3699	3708	rVB6	132961	264478	3.86%	0.566%

Sum of corrected areas: 46696623

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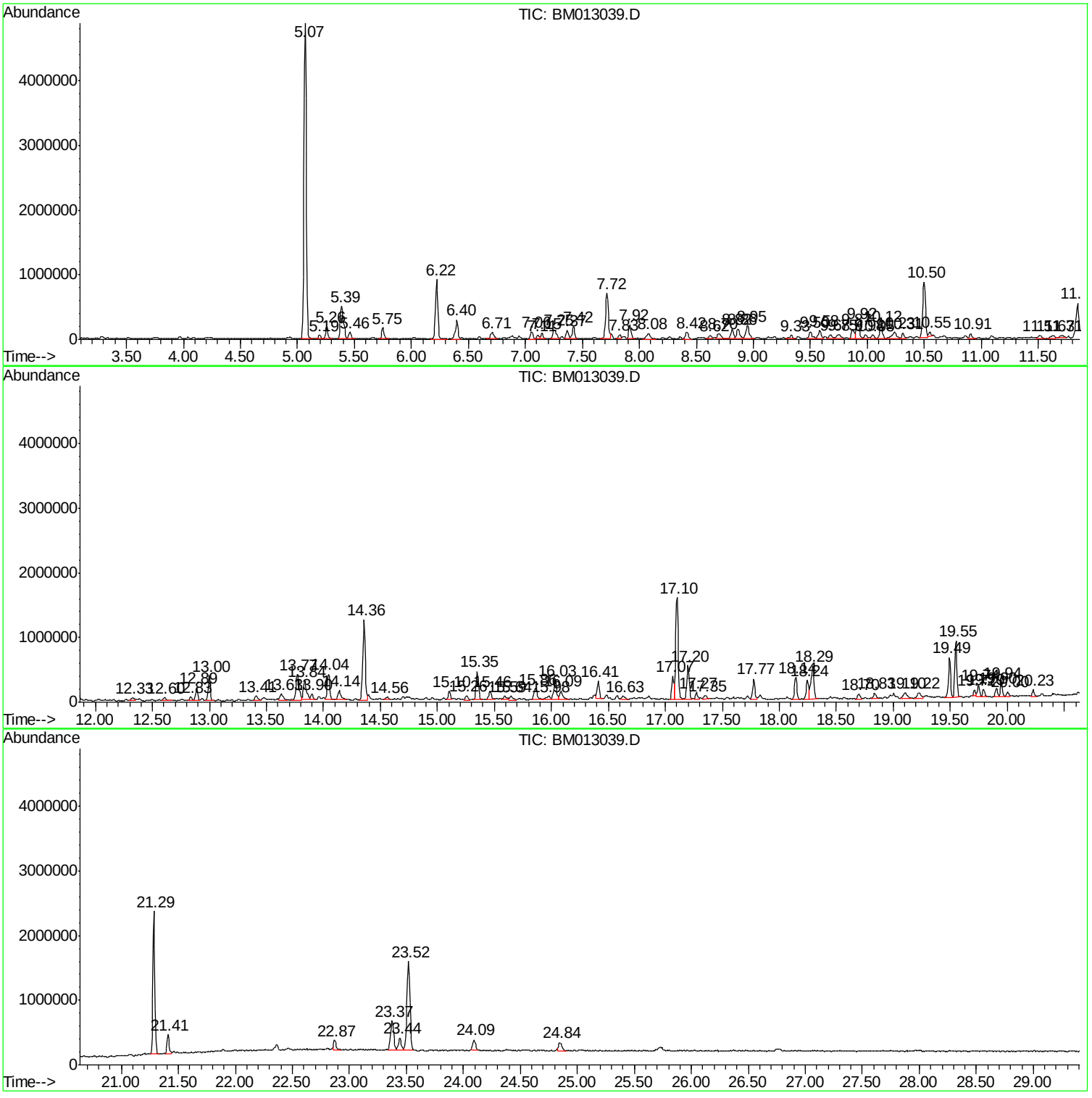
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

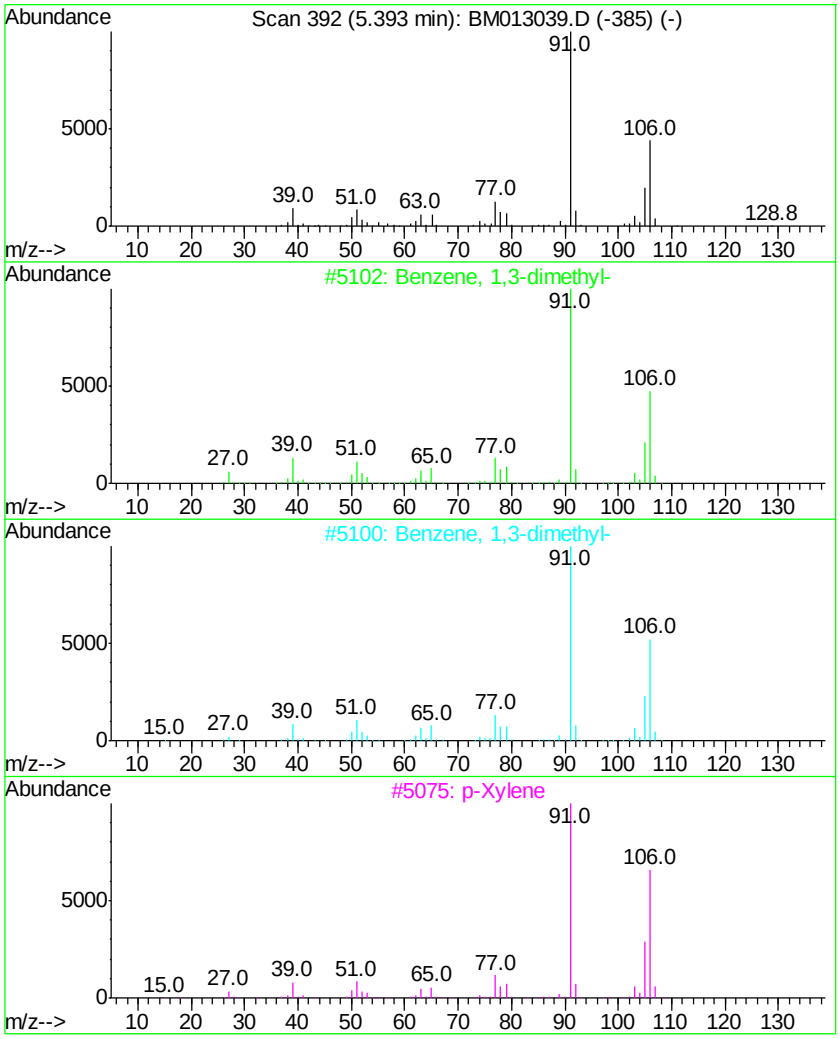
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

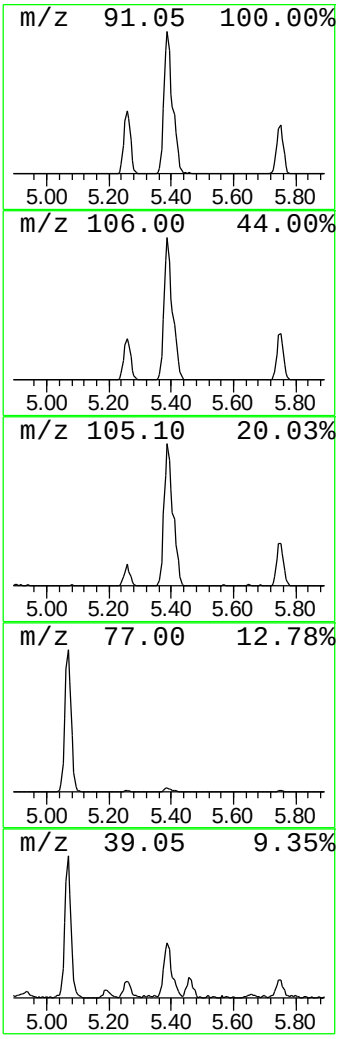
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	15.92 ng/ul	949907	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013039.D
Acq On : 18 Nov 2017 14:33
Operator : SJ/JU
Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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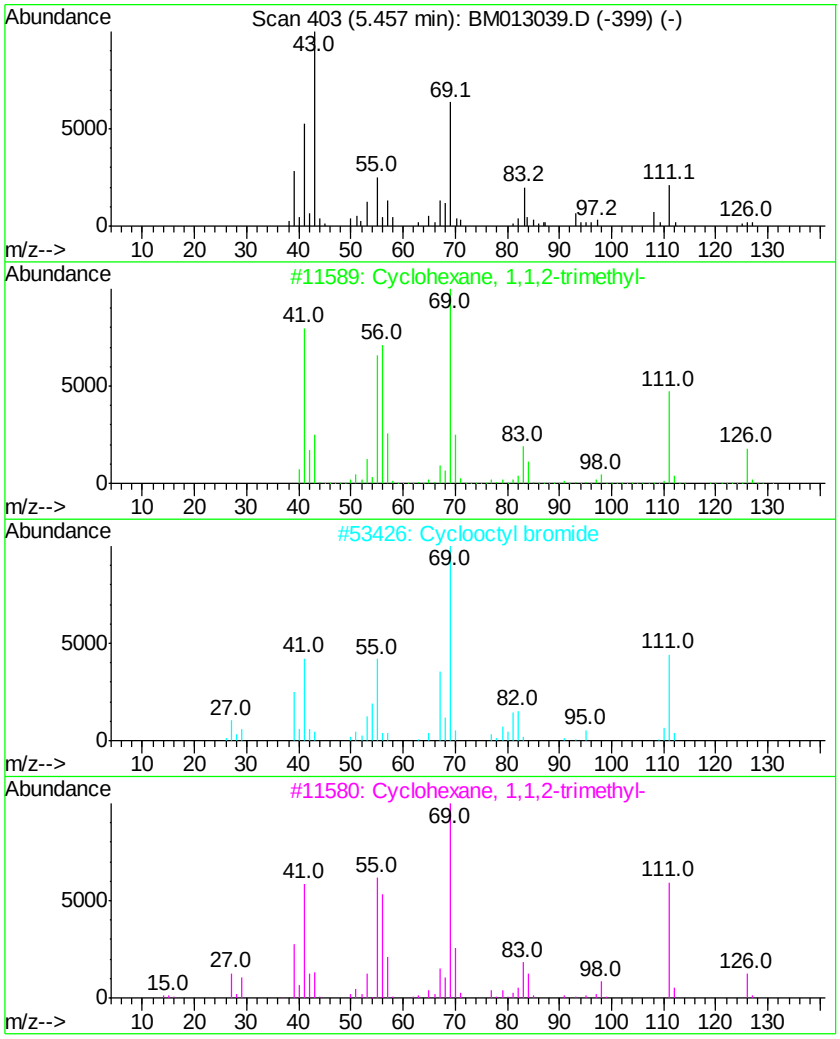
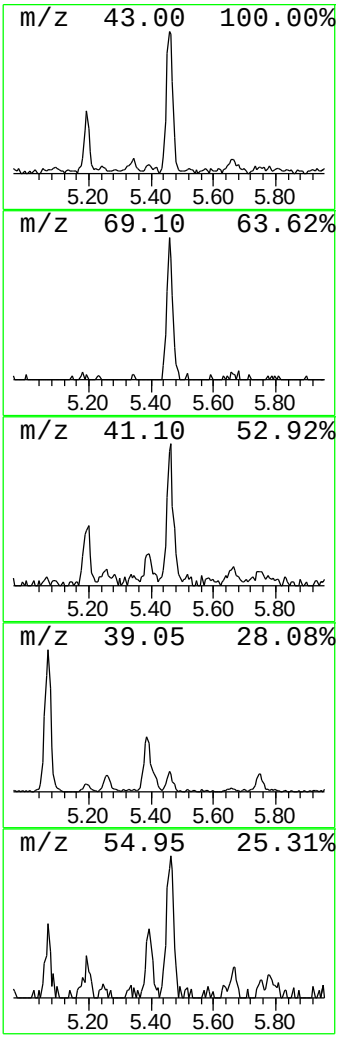
****

Peak Number 4 (DEL) Alkane: Cyclic5.46 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	2.69 ng/ul	160787	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	40
2	Cyclooctyl bromide	190	C8H15Br	001556-09-8	37
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
4	Cyclooctanemethanol	142	C9H18O	003637-63-6	35
5	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	25





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Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

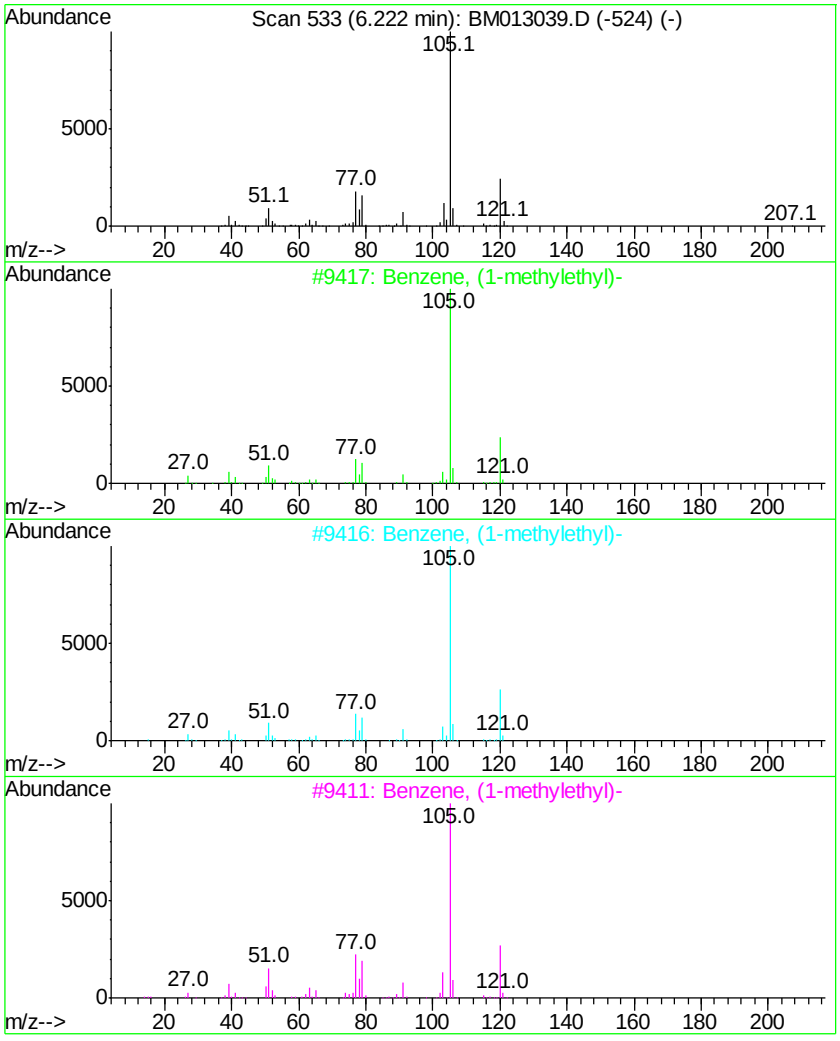
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

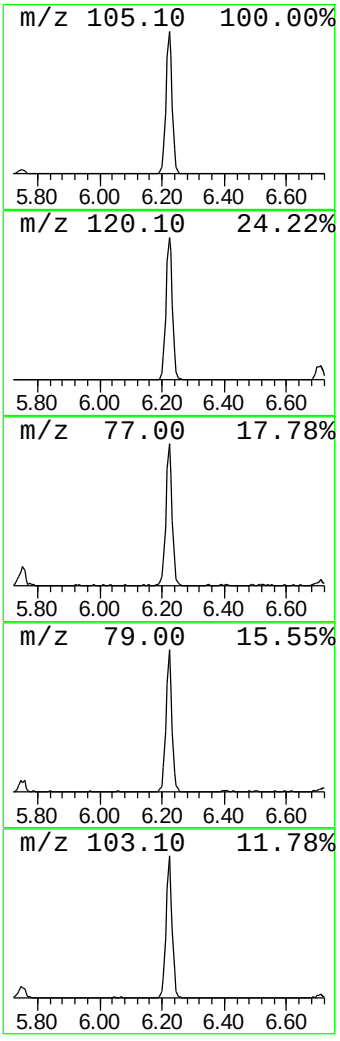
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	23.14 ng/ul	1380480	1,4-Dichlorobenzene-d4	7.72

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Library Search Compound Report

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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

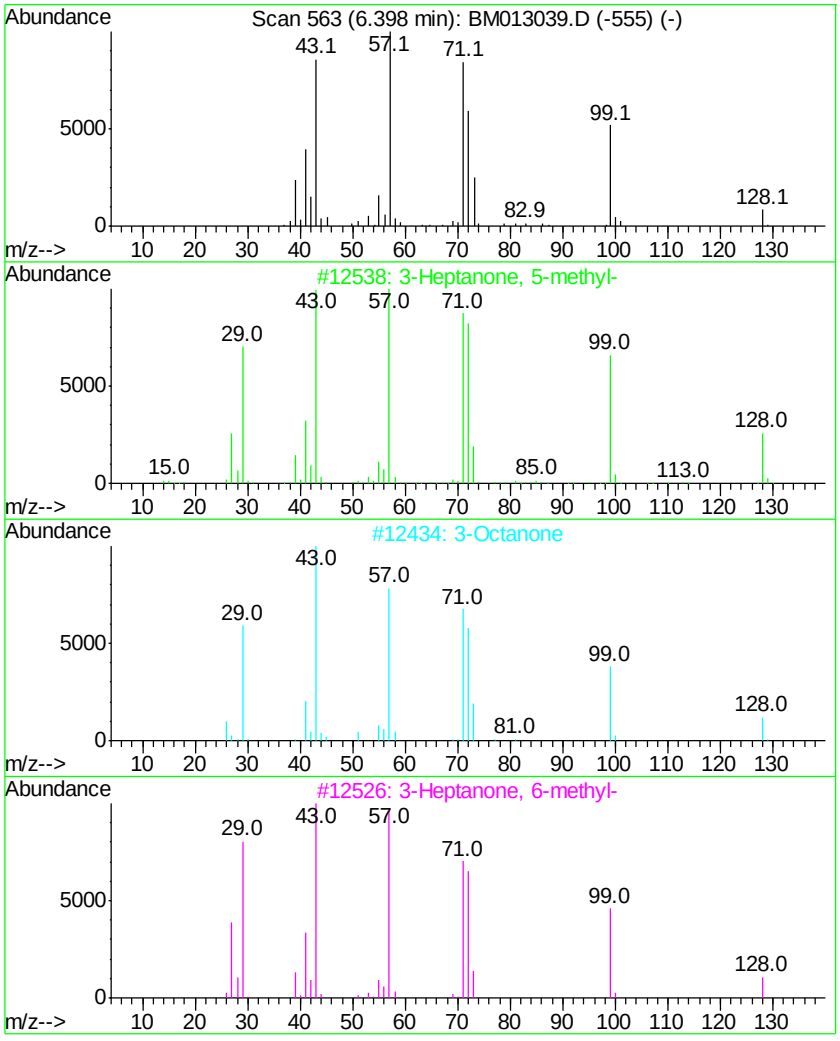
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

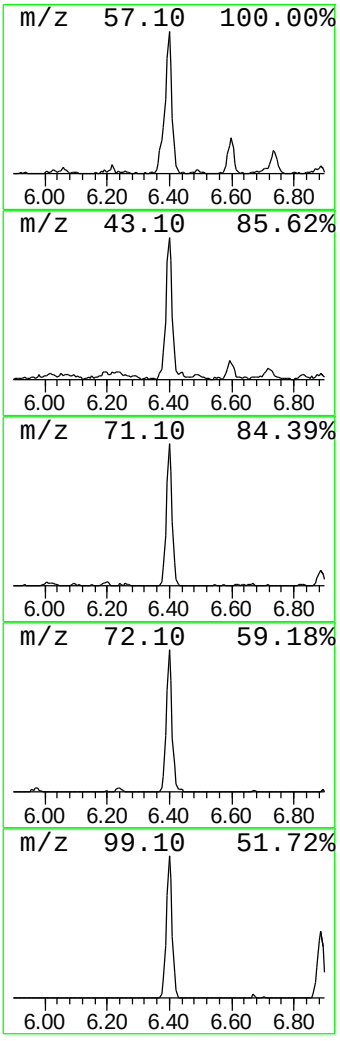
****

Peak Number 7 3-Heptanone, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	8.01 ng/ul	477943	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	87
2	3-Octanone	128	C8H16O	000106-68-3	87
3	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	68
4	3-Octanone	128	C8H16O	000106-68-3	58
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	58





Library Search Compound Report

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Operator : SJ/JU
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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

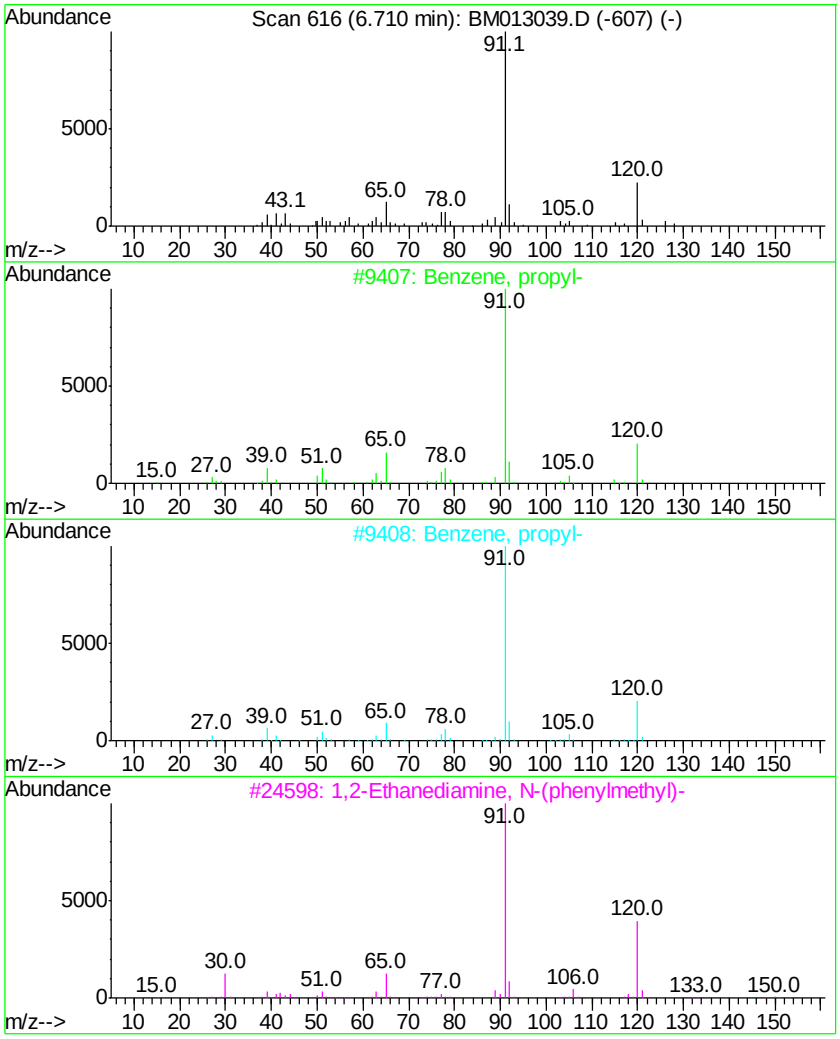
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

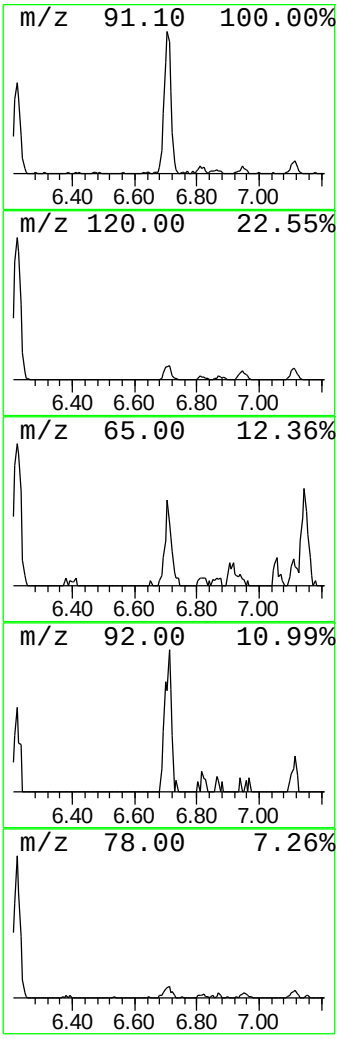
****

Peak Number 8 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	3.56 ng/ul	212458	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
4	n-Butylbenzylamine	163	C11H17N	002403-22-7	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





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Operator : SJ/JU
Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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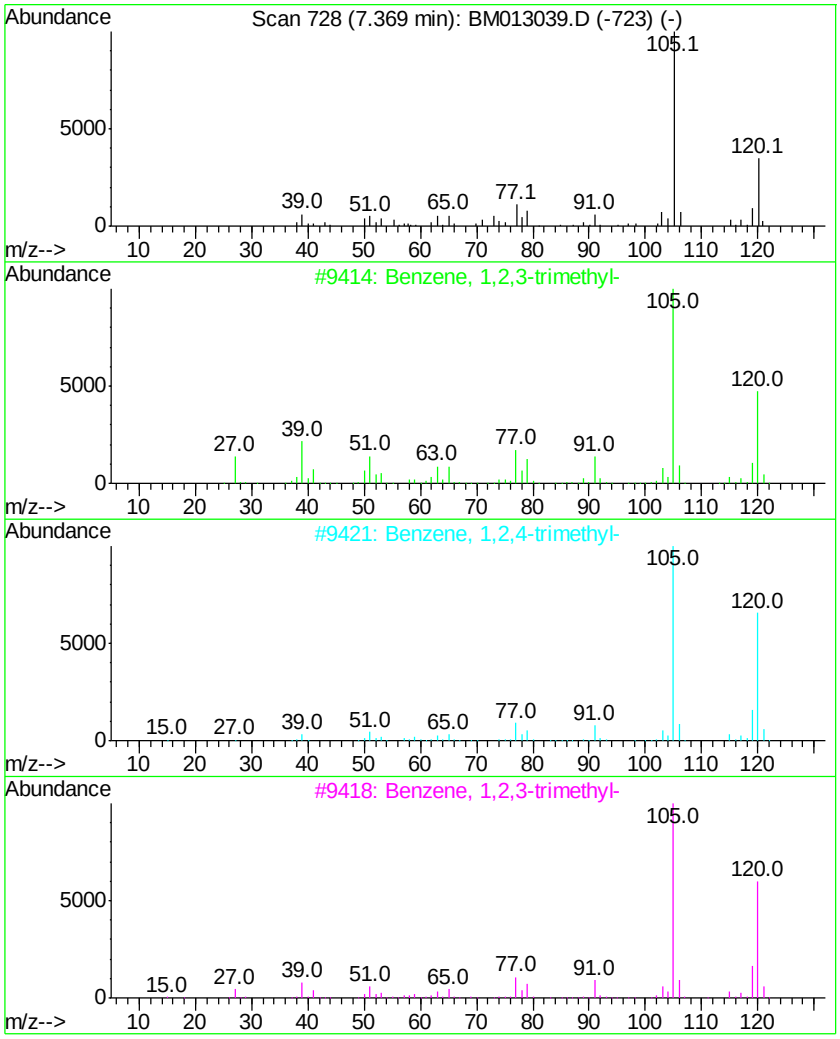
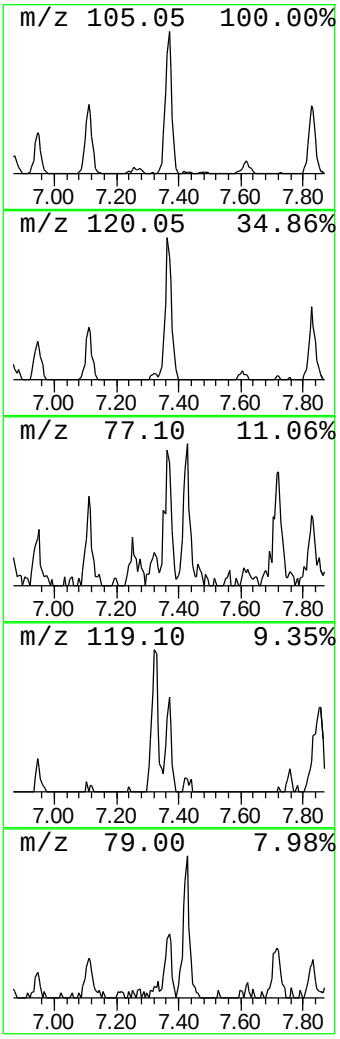
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	3.05 ng/ul	181844	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Instrument : BNA_M
ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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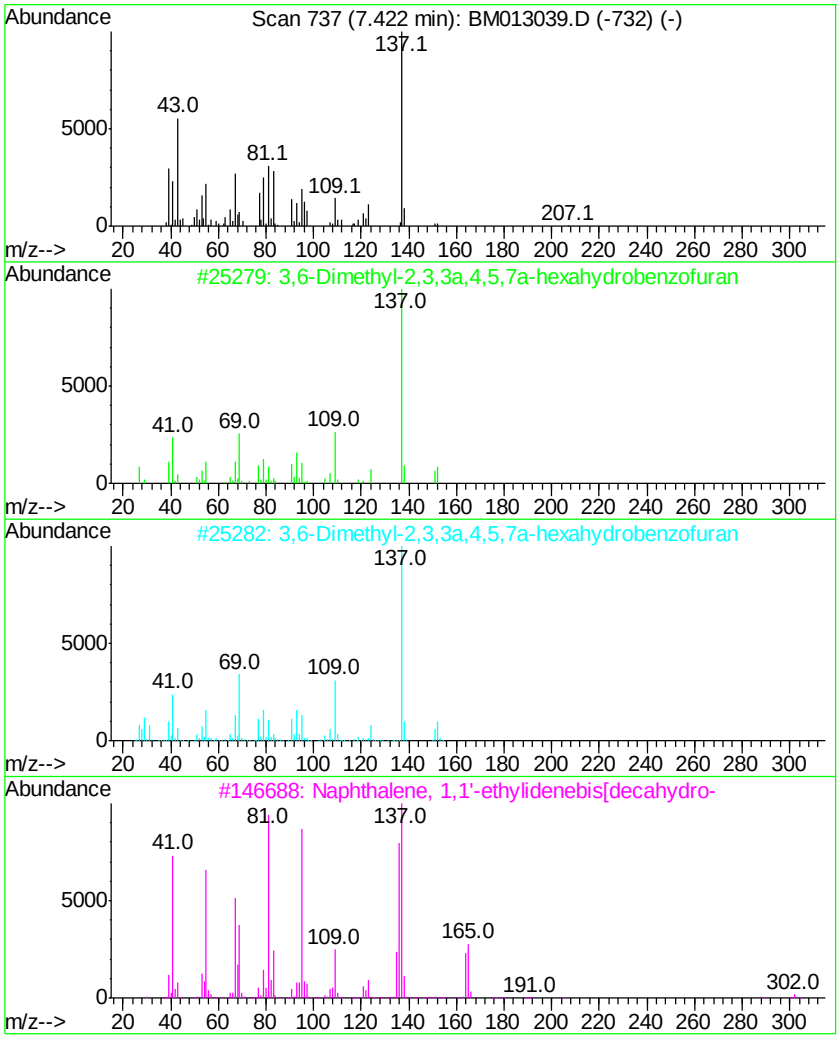
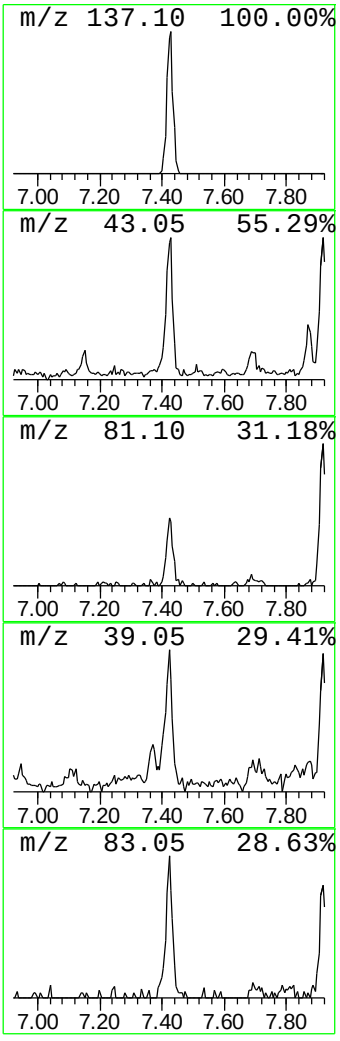
Peak Number 10 3,6-Dimethyl-2,3,3a,4,5,7a-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	4.86 ng/ul	290034	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	53
2	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	50
3	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	42
4	Cyclohexanone, 2-(2-nitro-2-prop...	183	C9H13NO3	078551-08-3	38
5	4-Fluorophenyl isocyanate	137	C7H4FNO	001195-45-5	38





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Quant Title : SVOA CALIBRATION

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

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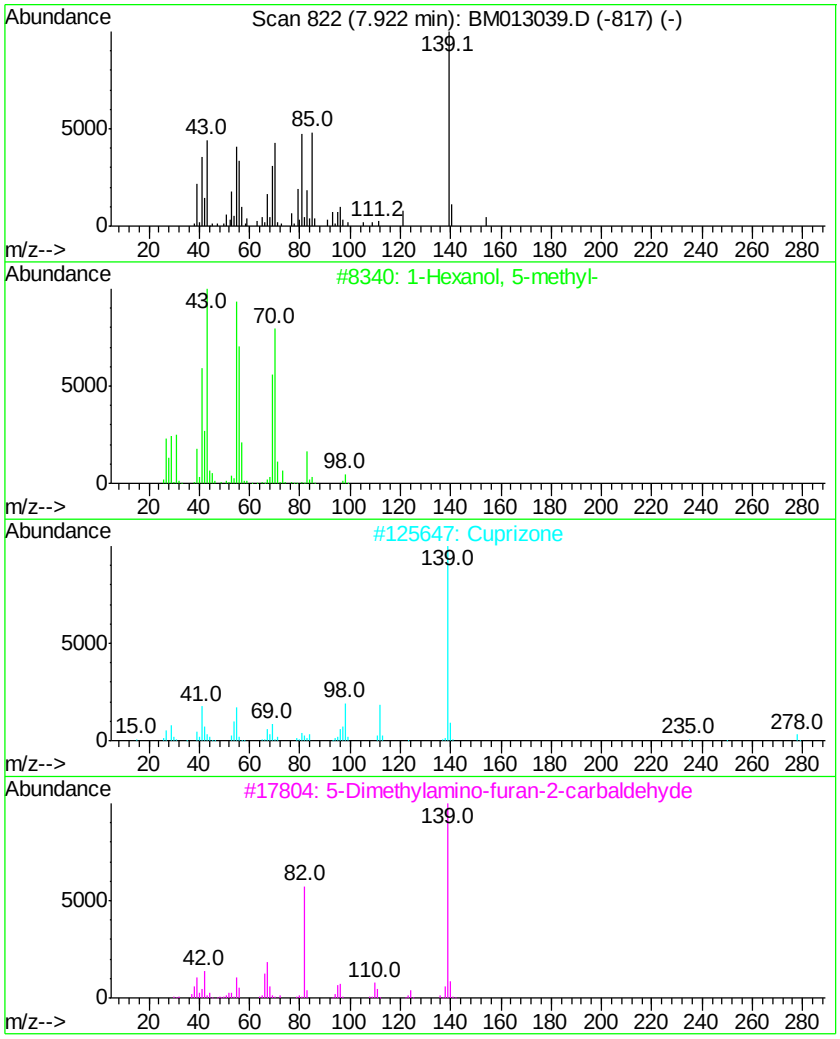
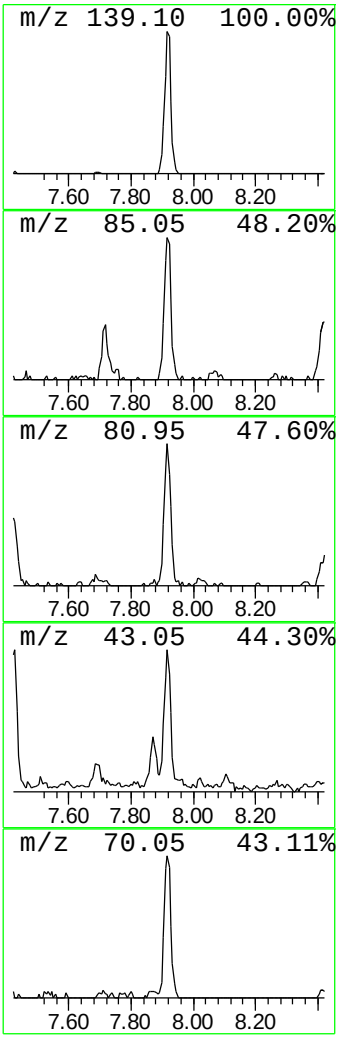
Peak Number 11 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	5.44 ng/ul	324590	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 5-methyl-	116	C7H16O	000627-98-5	22
2	Cuprizone	278	C14H22N4O2	000370-81-0	22
3	5-Dimethylamino-furan-2-carbalde...	139	C7H9NO2	1000317-69-8	22
4	1-Octene	112	C8H16	000111-66-0	22
5	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	22





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ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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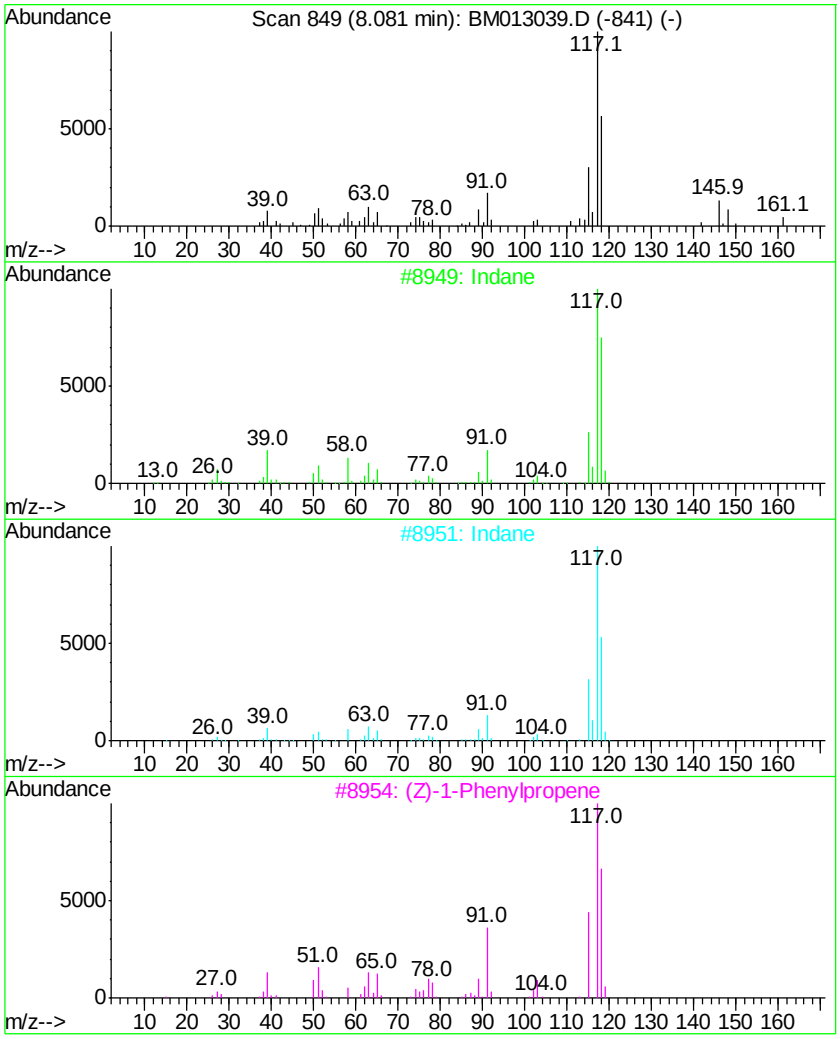
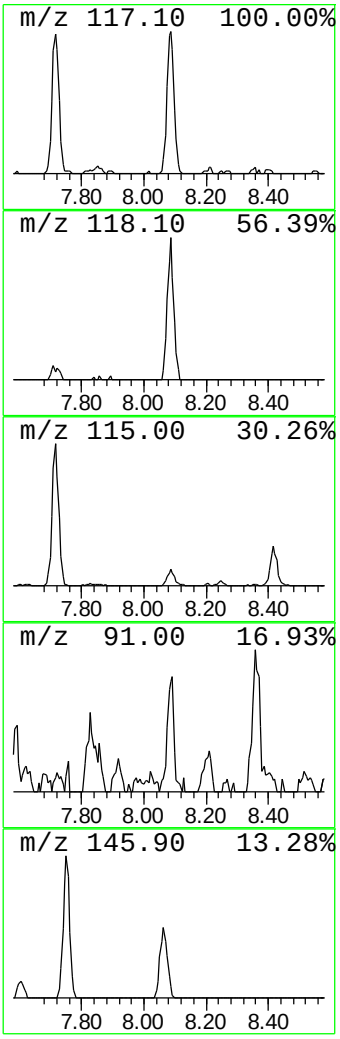
Peak Number 12 Indane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	3.62 ng/ul	216232	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Indane	118	C9H10	000496-11-7	70
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58





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Quant Title : SVOA CALIBRATION

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

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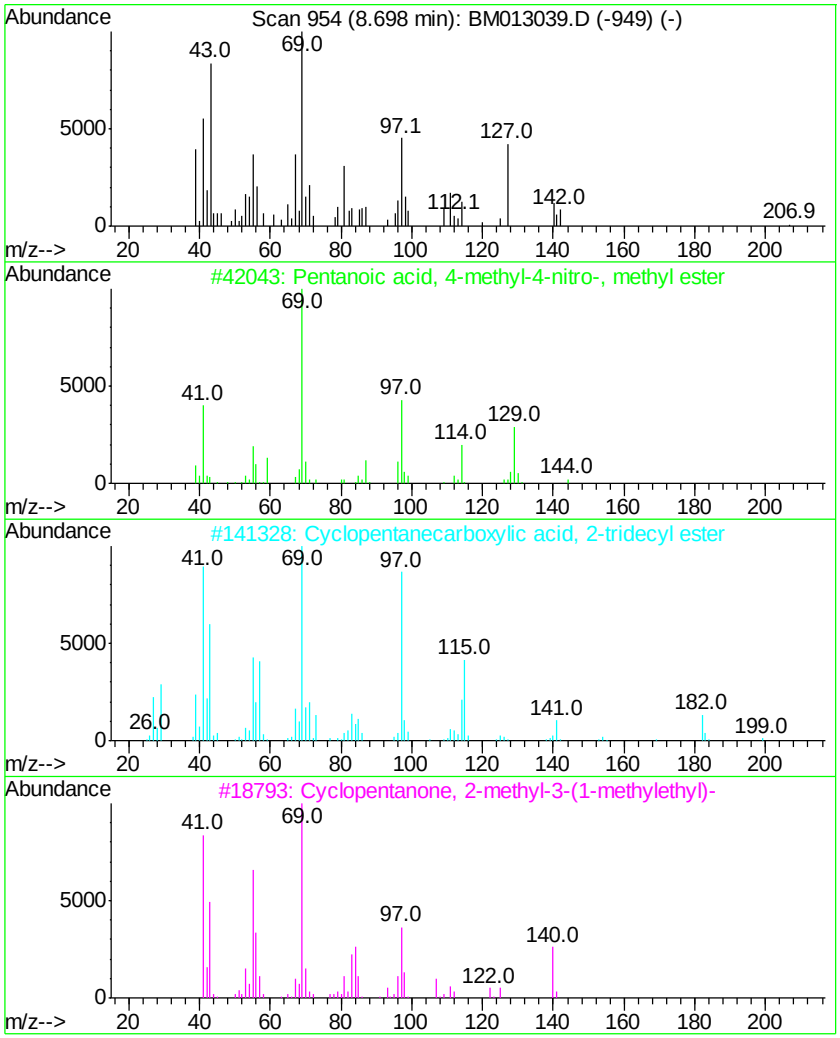
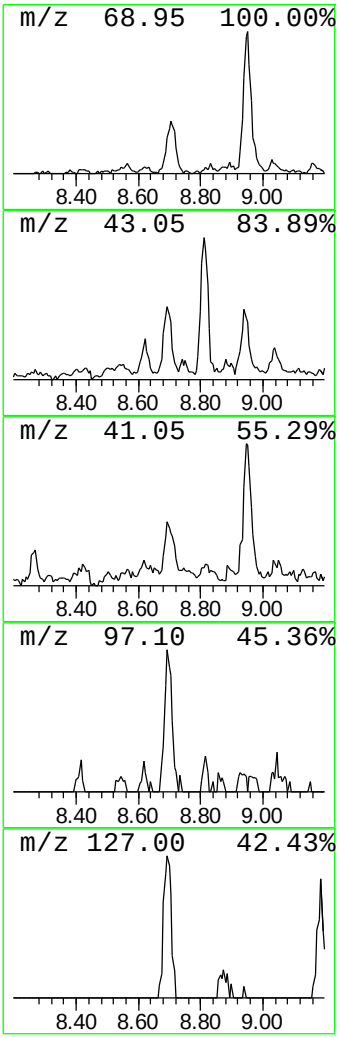
Peak Number 13 Pentanoic acid, 4-methyl-4-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.19 ng/ul	190470	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	50
2	Cyclopentanecarboxylic acid, 2-t...	296	C19H36O2	1000280-58-4	47
3	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	43
4	Cyclopentanecarboxylic acid, phe...	190	C12H14O2	054758-32-6	43
5	Cyclopentanecarboxylic acid, 3-t...	296	C19H36O2	1000280-58-5	43





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ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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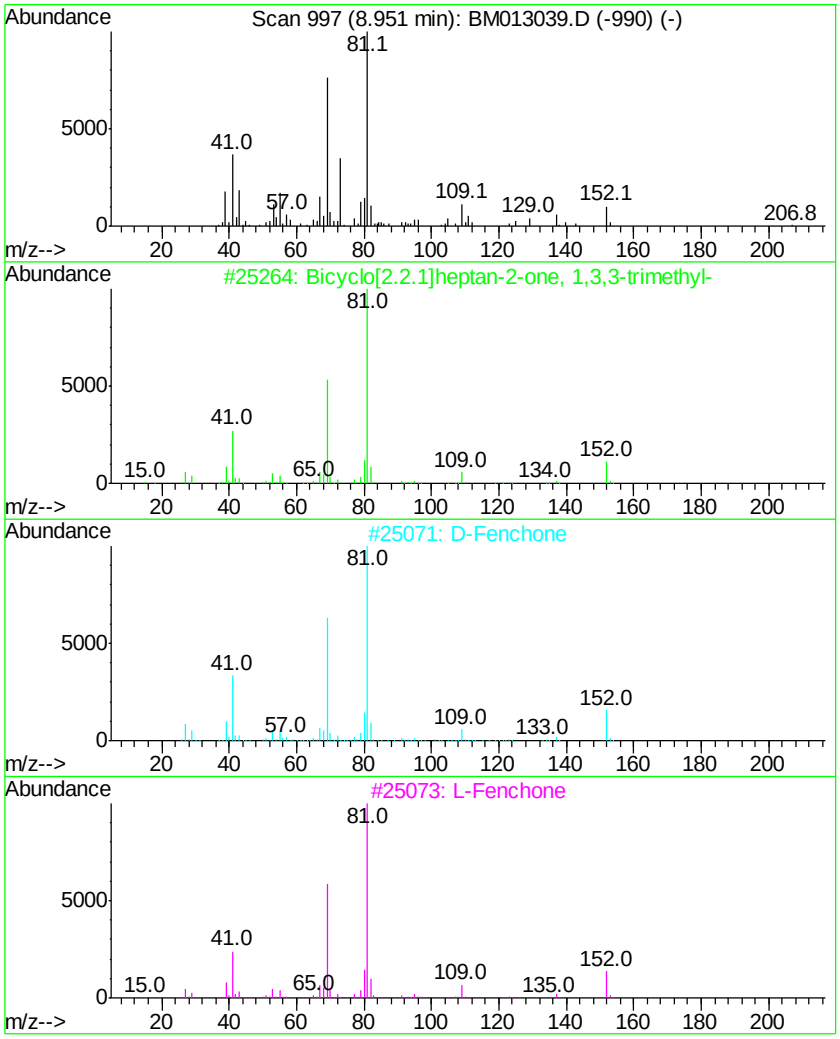
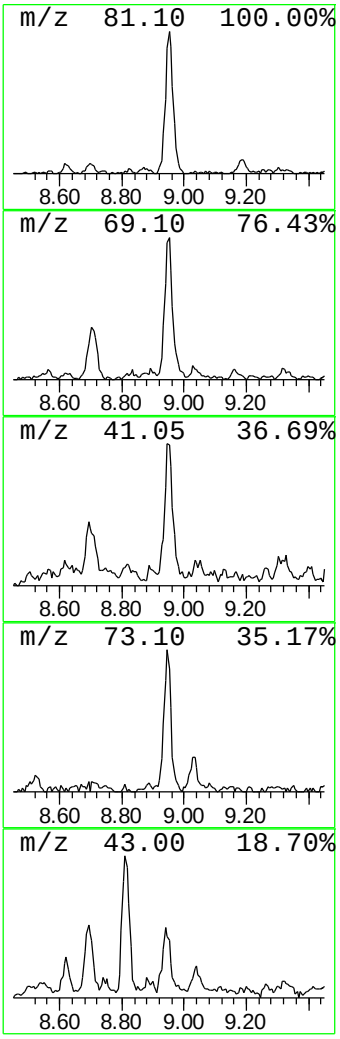
Peak Number 14 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	7.11 ng/ul	424058	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	72
2	D-Fenchone	152	C10H16O	004695-62-9	64
3	L-Fenchone	152	C10H16O	007787-20-4	43
4	L-Fenchone	152	C10H16O	007787-20-4	43
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	43





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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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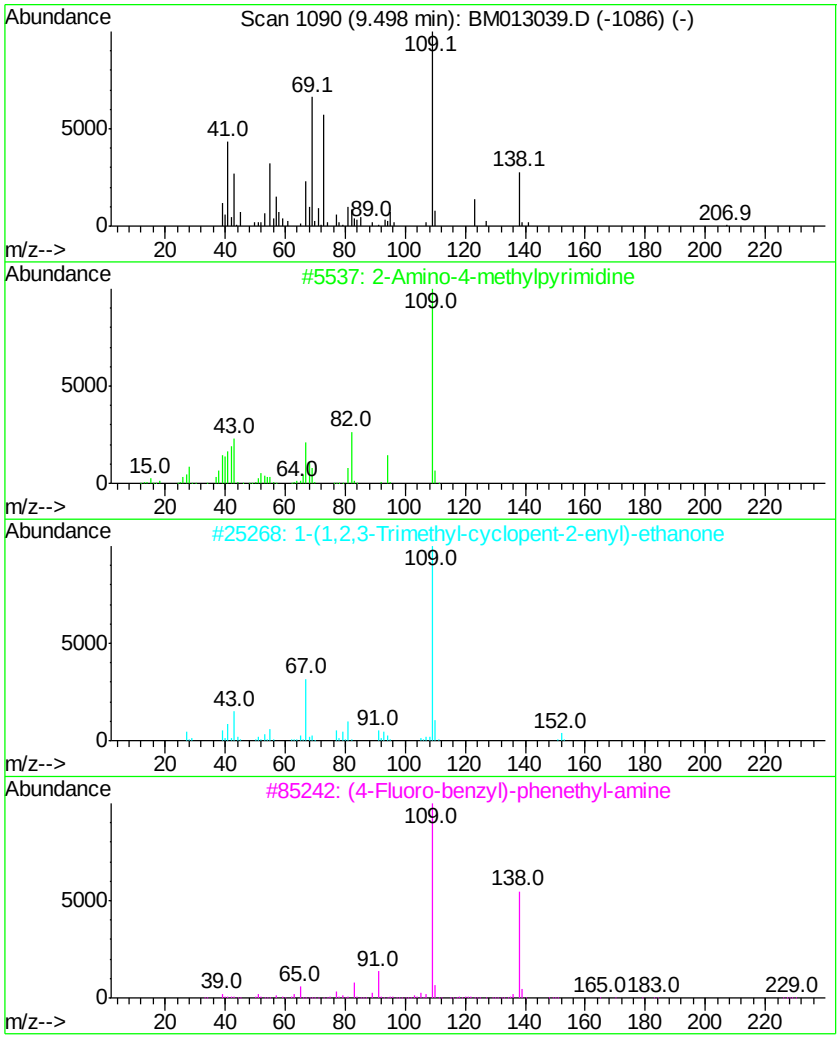
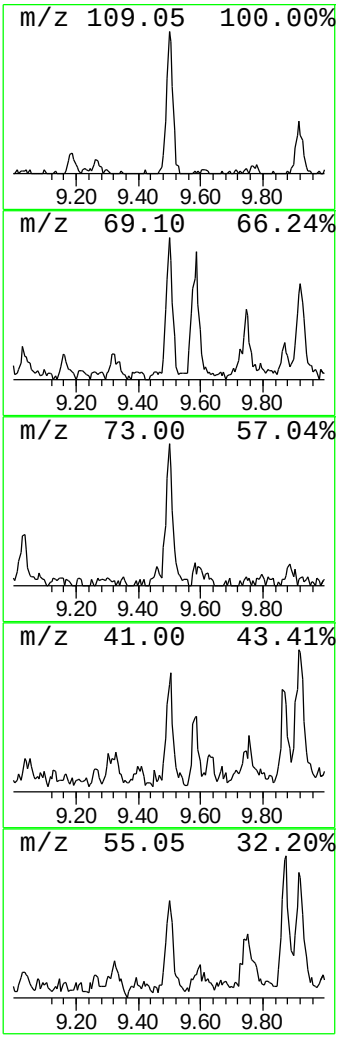
Peak Number 15 2-Amino-4-methylpyrimidine Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.35 ng/ul	169428	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	52
2	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	50
3	(4-Fluoro-benzyl)-phenethyl-amine	229	C15H16FN	1000300-71-4	47
4	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	43
5	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	40





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Instrument : BNA_M
ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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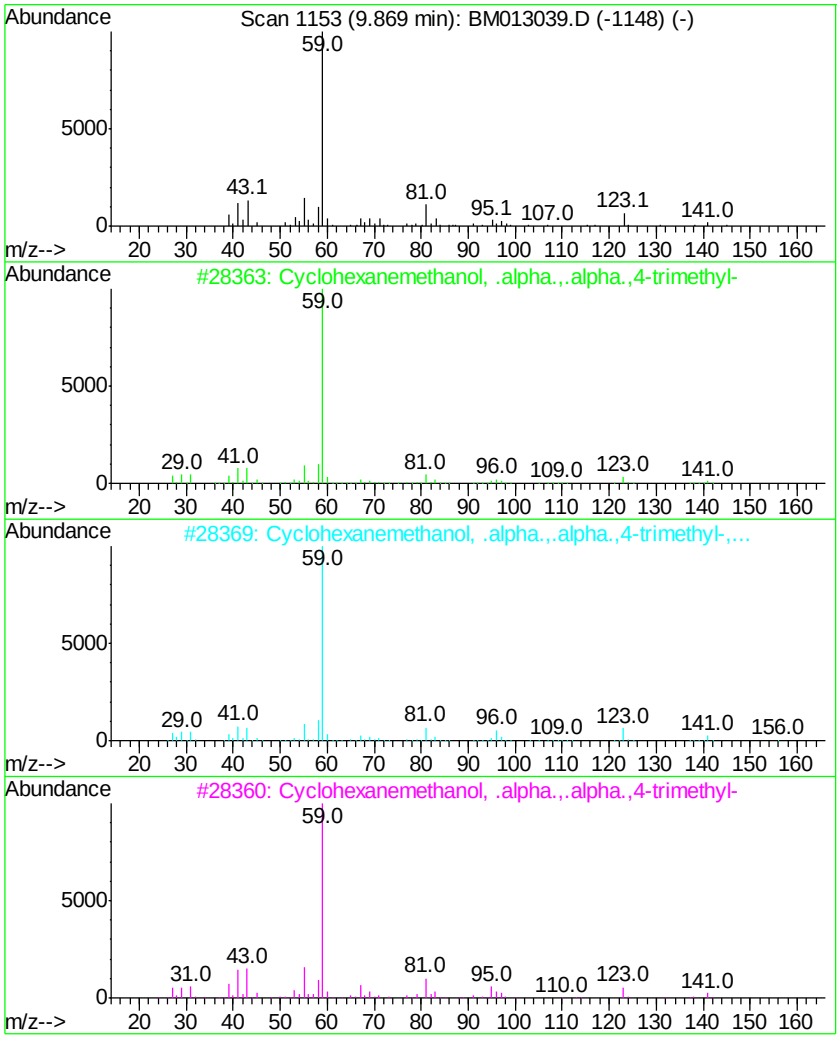
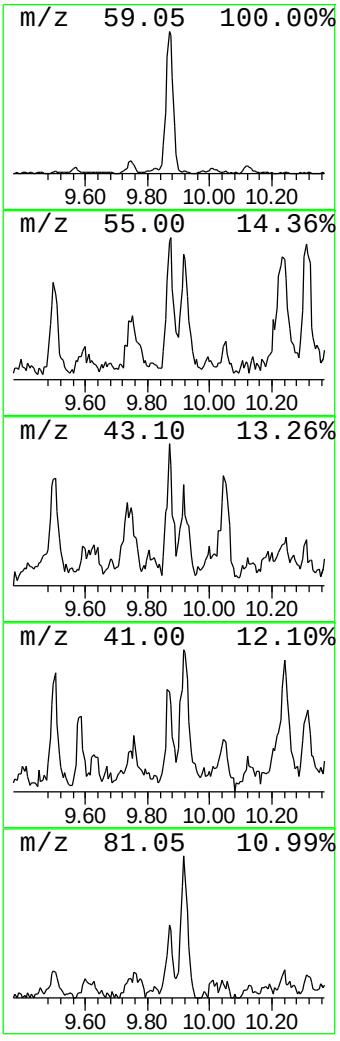
Peak Number 16 Cyclohexanemethanol, .alpha... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.71 ng/ul	268296	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	78
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	74
5	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	64





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Quant Title : SVOA CALIBRATION

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

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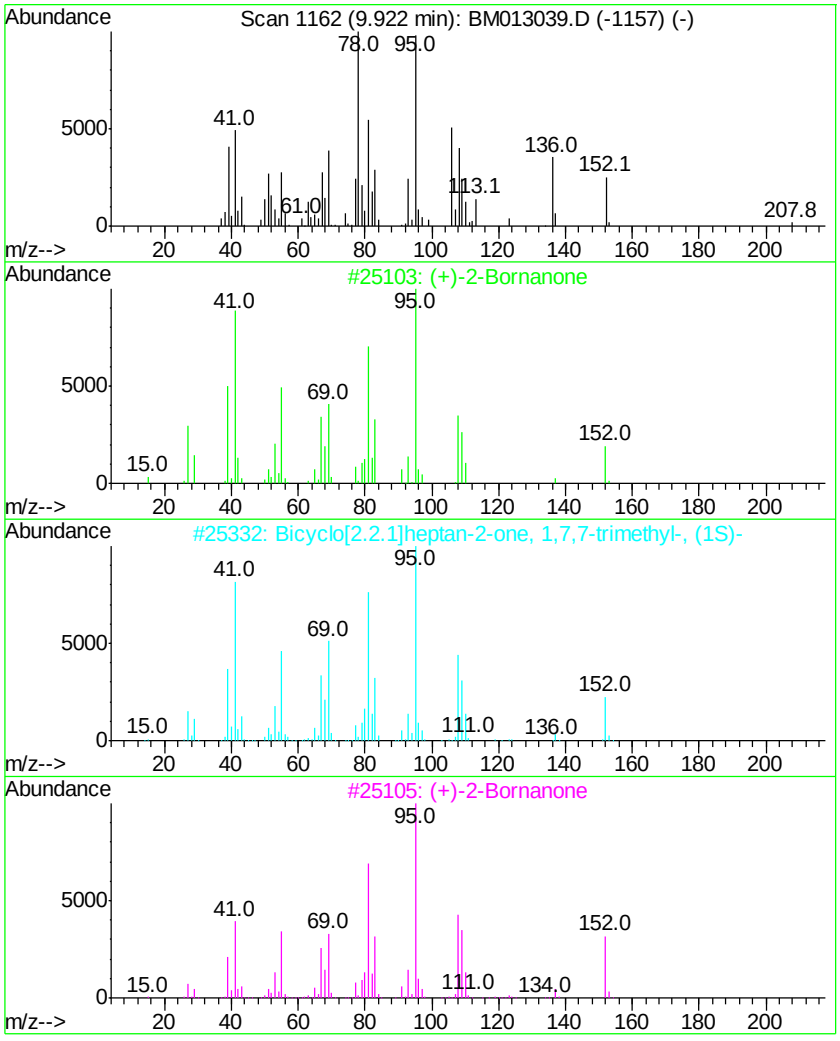
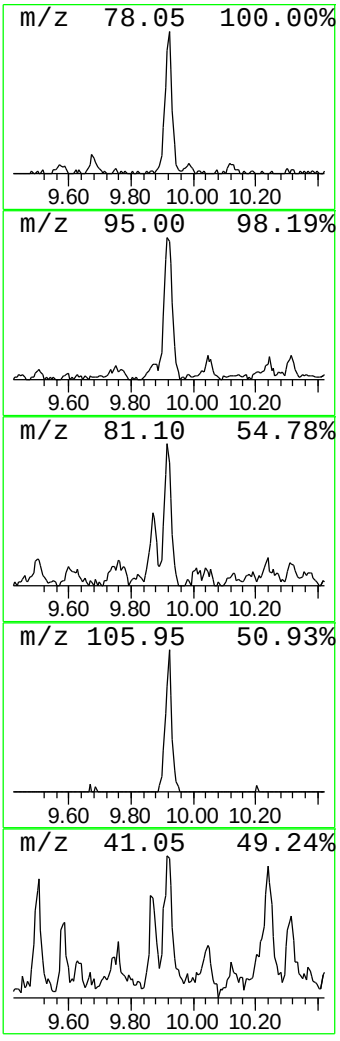
Peak Number 17 (+)-2-Bornanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.03 ng/ul	435565	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	90
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	58
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	58
4	4H-1,3-Benzodioxin	136	C8H8O2	000254-27-3	58
5	Camphor	152	C10H16O	000076-22-2	56





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Quant Title : SVOA CALIBRATION

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

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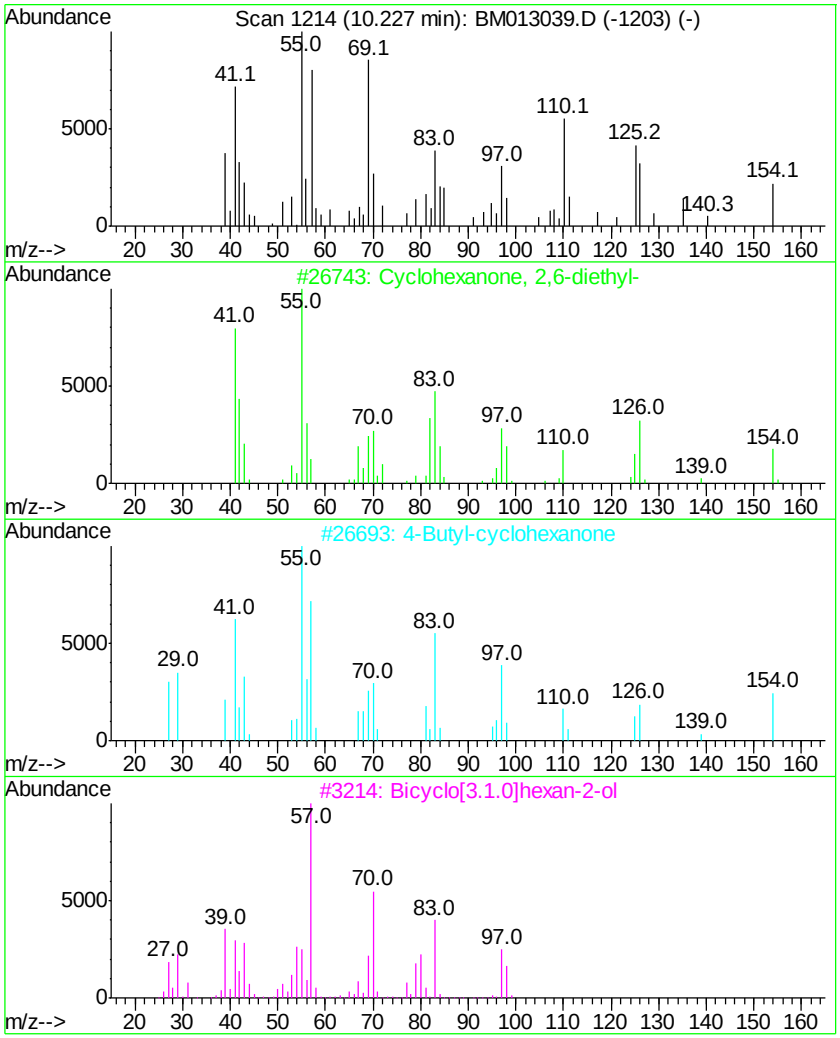
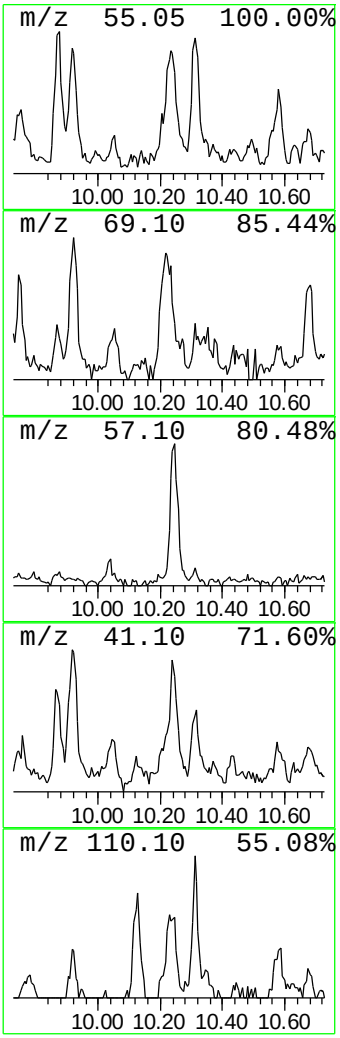
Peak Number 18 Cyclohexanone, 2,6-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	3.63 ng/ul	262425	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,6-diethyl-	154	C10H18O	016519-68-9	89
2	4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	49
3	Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	35
4	2-Butenal, 2-ethyl-	98	C6H10O	019780-25-7	35
5	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	35





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Quant Title : SVOA CALIBRATION

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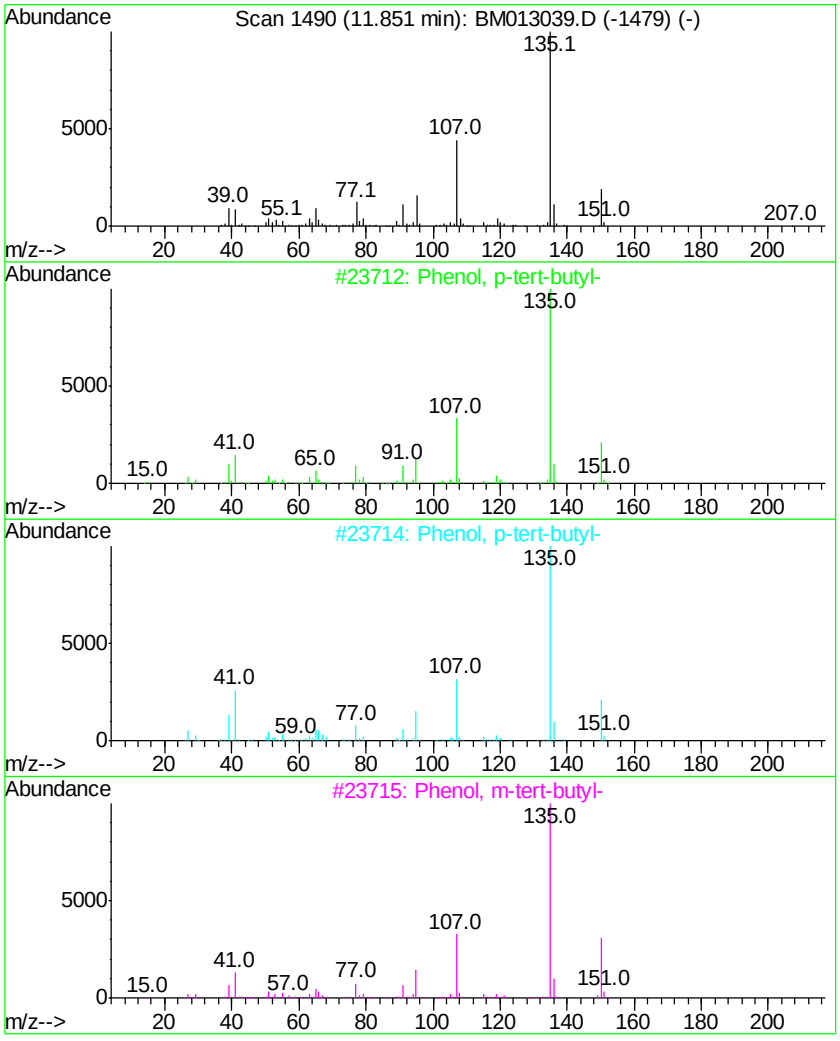
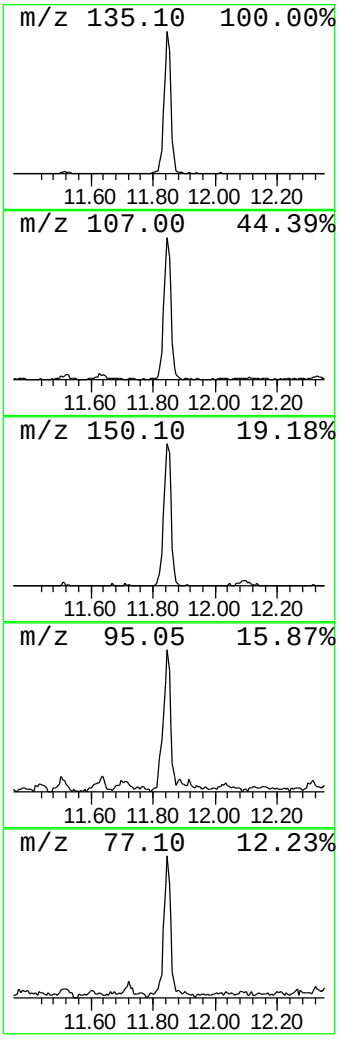
Peak Number 19 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	13.56 ng/ul	979390	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	68
4	Hexestrol	270	C18H22O2	000084-16-2	64
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64





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ClientSampleId : BE2S8

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TIC Integration Parameters: LSCINT.P

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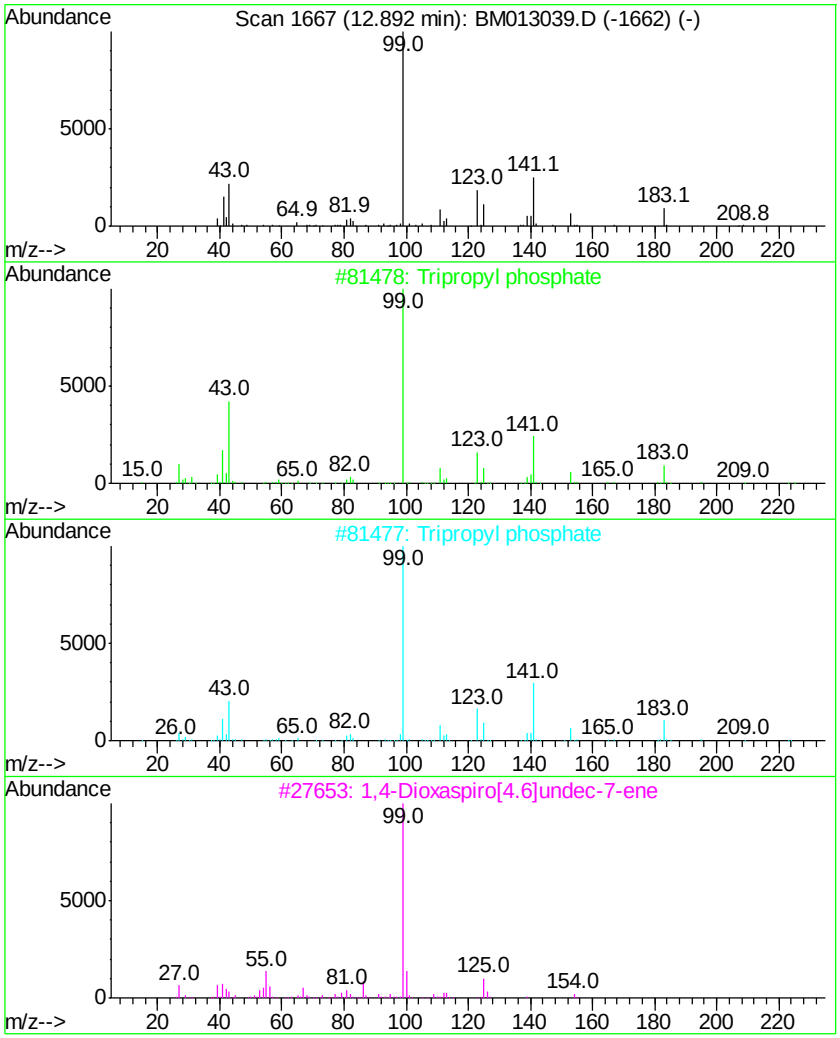
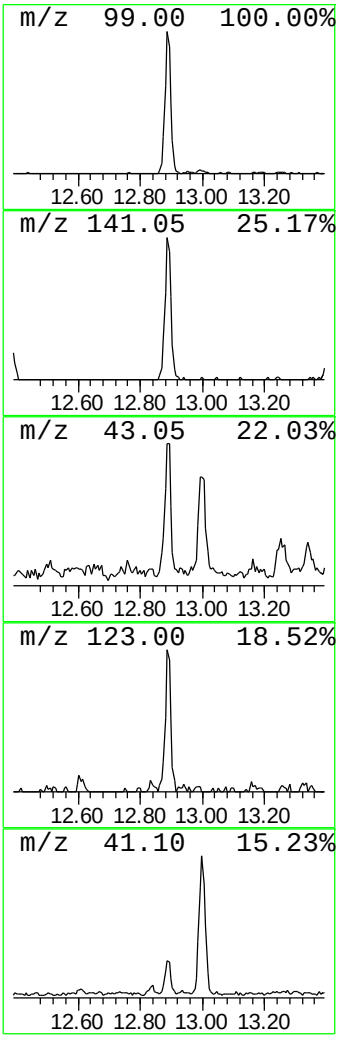
Peak Number 20 Tripropyl phosphate Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.63 ng/ul	260262	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tripropyl phosphate	224	C9H21O4P	000513-08-6	91
2	Tripropyl phosphate	224	C9H21O4P	000513-08-6	83
3	1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	28
4	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	9
5	2-tert-Butylcyclohexyl methylpho...	236	C11H22FO2P	1000298-39-6	9





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Acq On : 18 Nov 2017 14:33
Operator : SJ/JU
Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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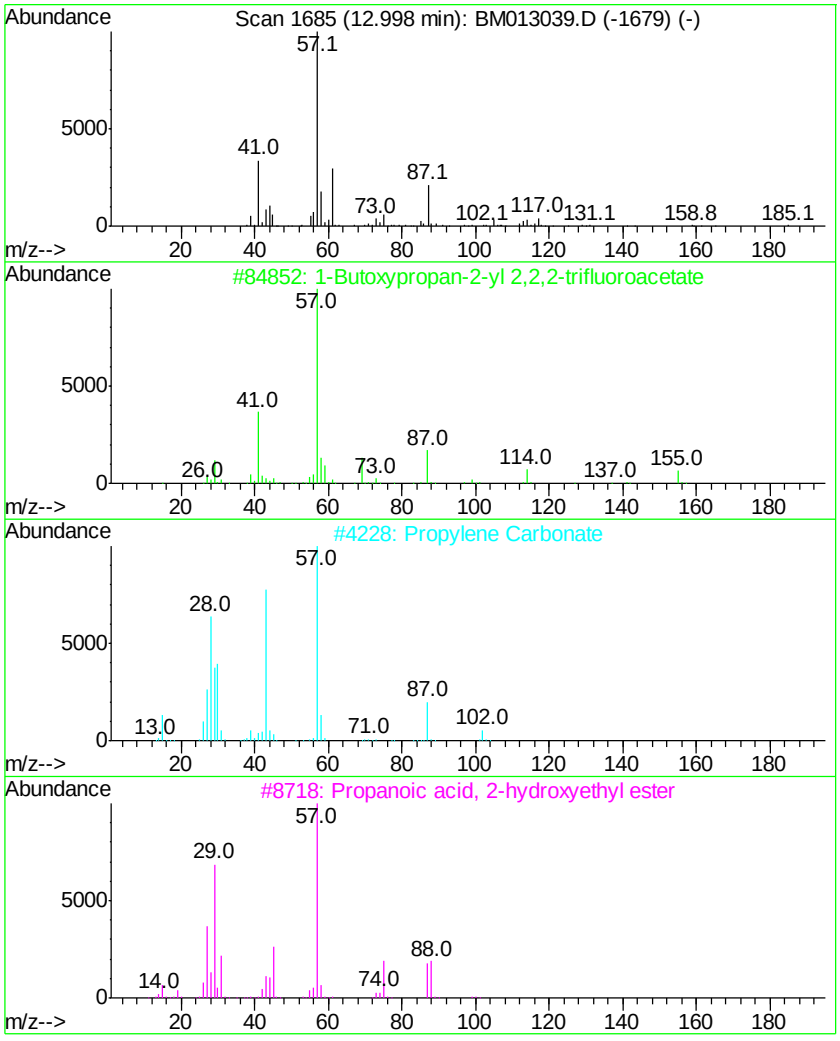
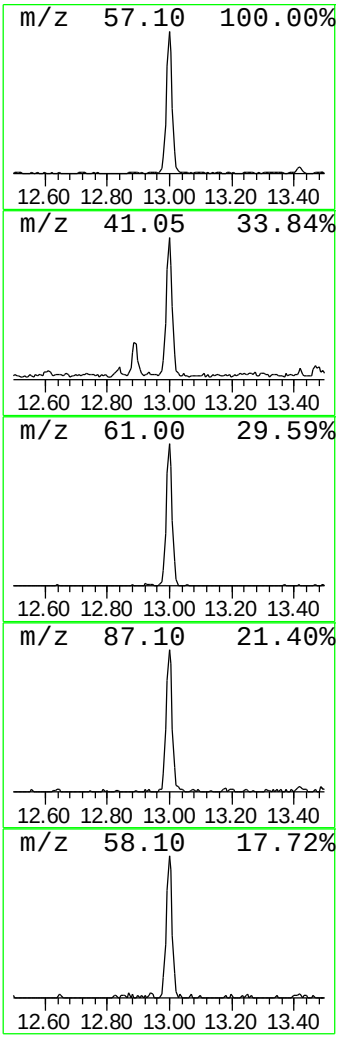
Peak Number 21 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.34 ng/ul	529440	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butoxypropan-2-yl 2,2,2-triflu...	228	C9H15F3O3	1000367-08-1	47
2	Propylene Carbonate	102	C4H6O3	000108-32-7	28
3	Propanoic acid, 2-hydroxyethyl e...	118	C5H10O3	024567-27-9	28
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	25
5	Oxirane, 2-(2,2-dichlorocyclopro...	196	C7H10Cl2O2	1000273-75-0	23





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Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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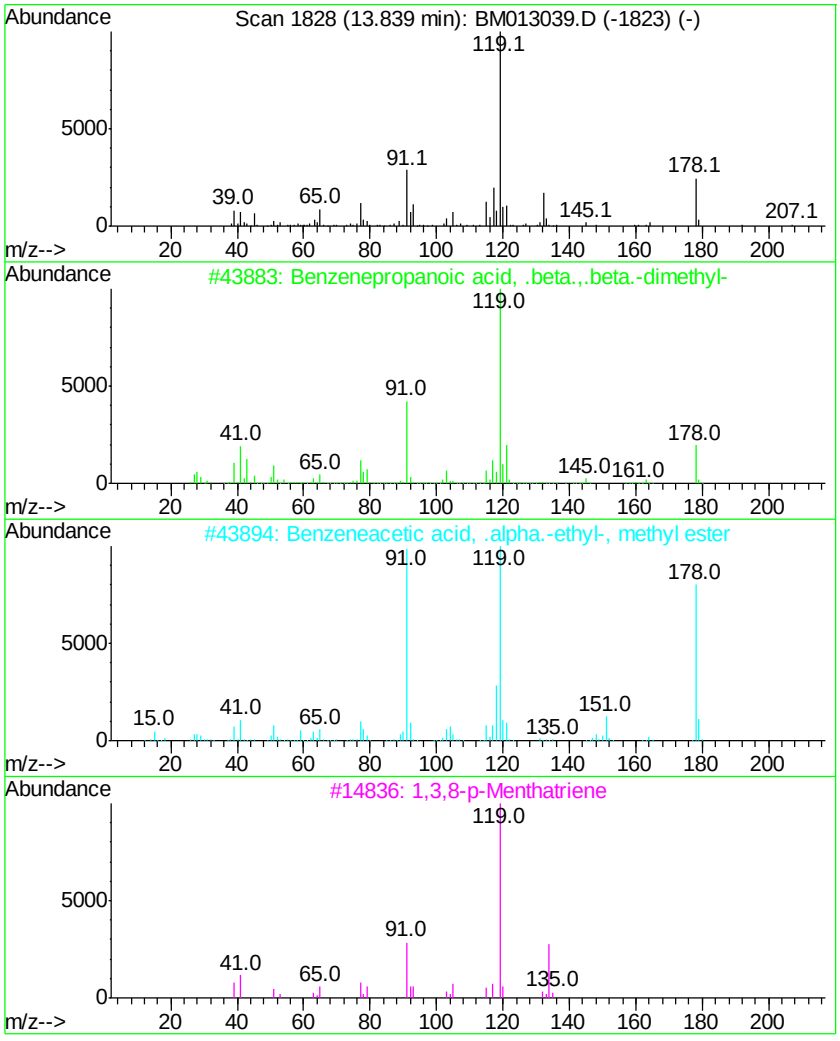
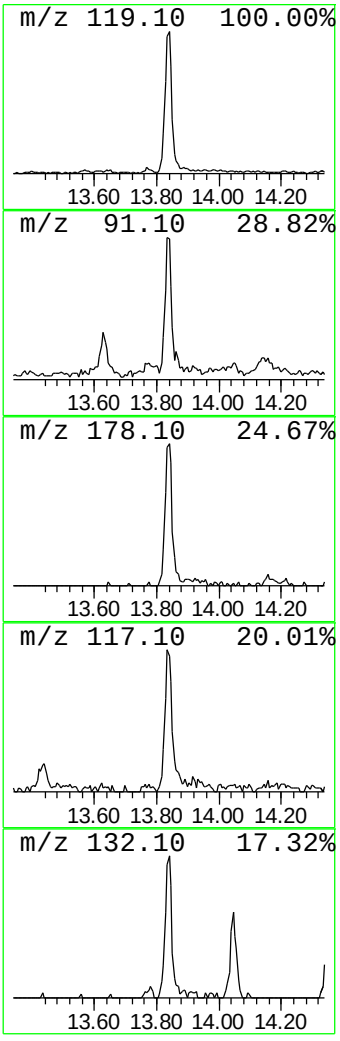
Peak Number 22 Benzenepropanoic acid, .bet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.32 ng/ul	527380	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	72
2	Benzeneacetic acid, .alpha.-ethy...	178	C11H14O2	002294-71-5	53
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	47
4	1-Acetyl-3-phenylurea	178	C9H10N2O2	000102-03-4	47
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	47





Library Search Compound Report

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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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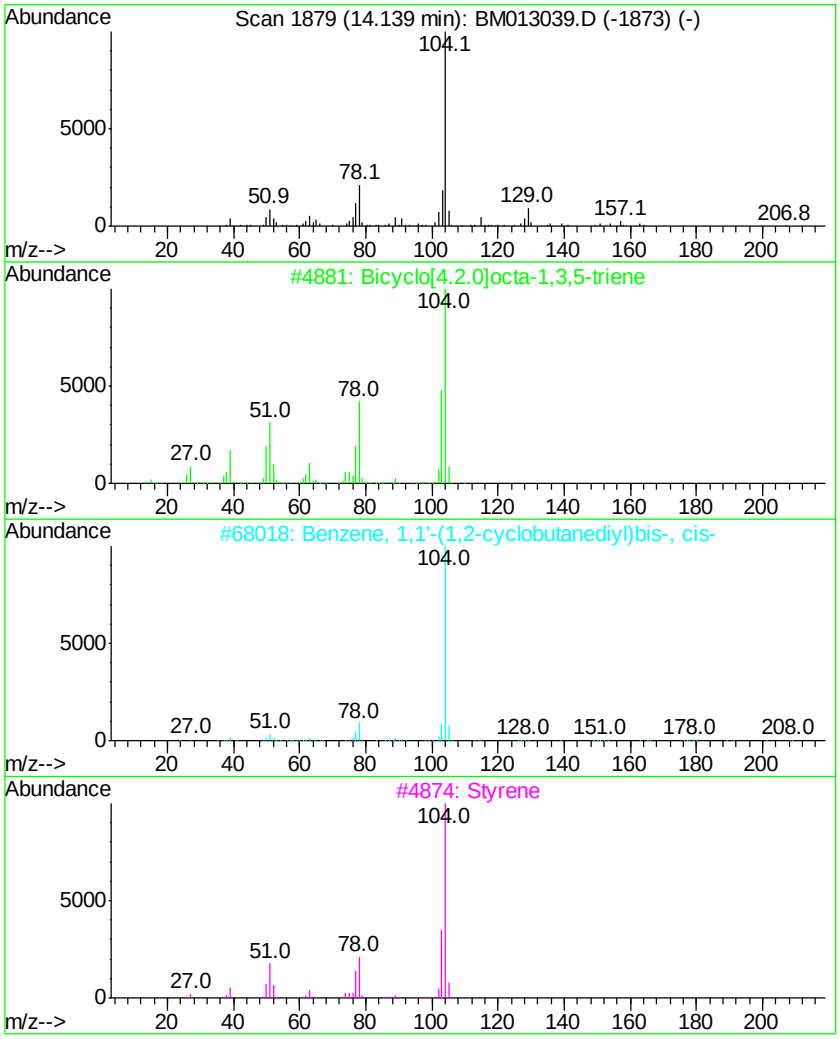
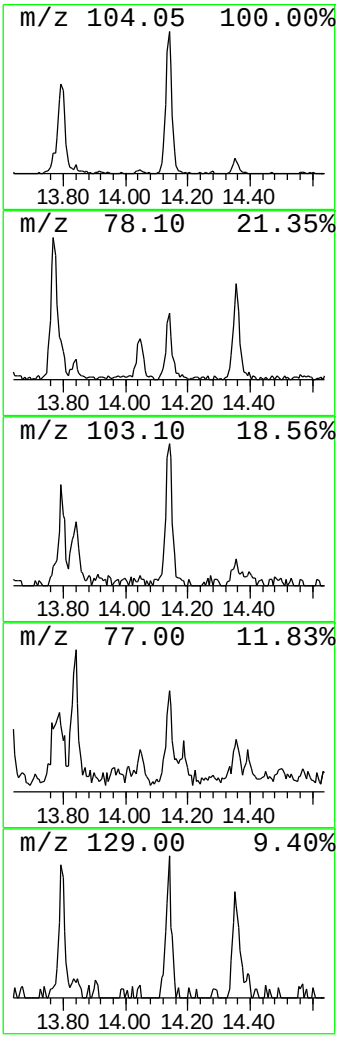
Peak Number 23 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.72 ng/ul	269246	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	64
2	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	64
3	Styrene	104	C8H8	000100-42-5	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	59
5	Styrene	104	C8H8	000100-42-5	59





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Operator : SJ/JU
Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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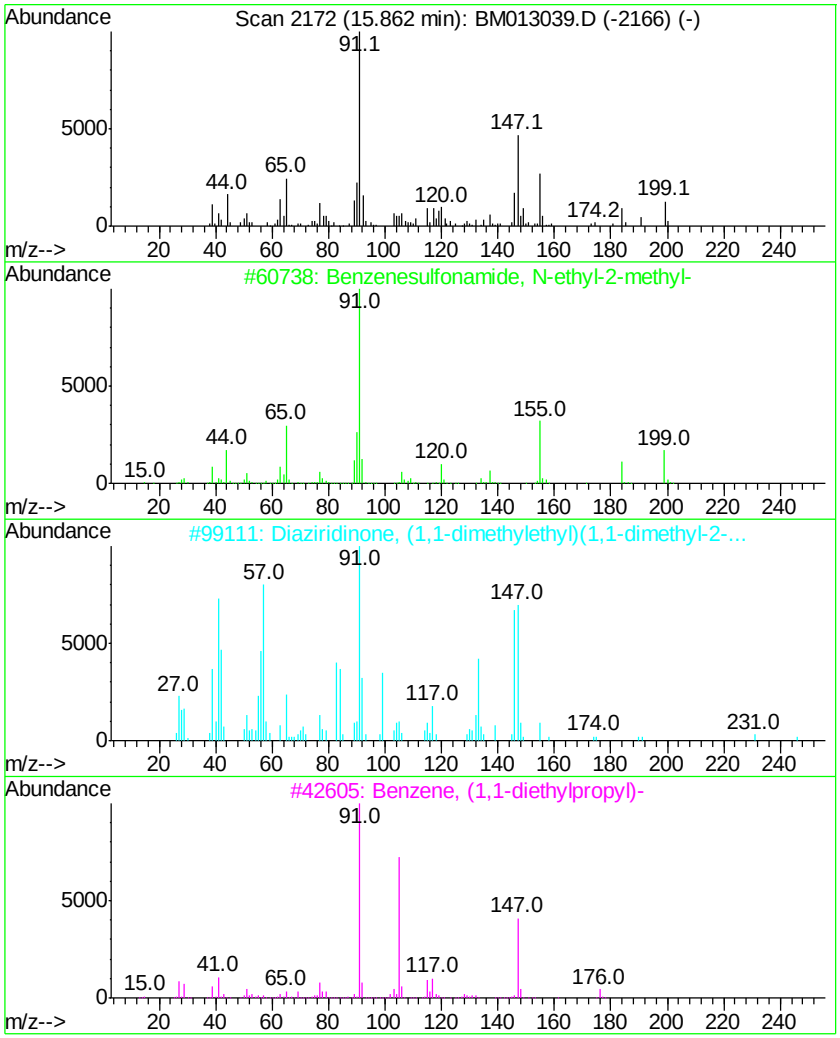
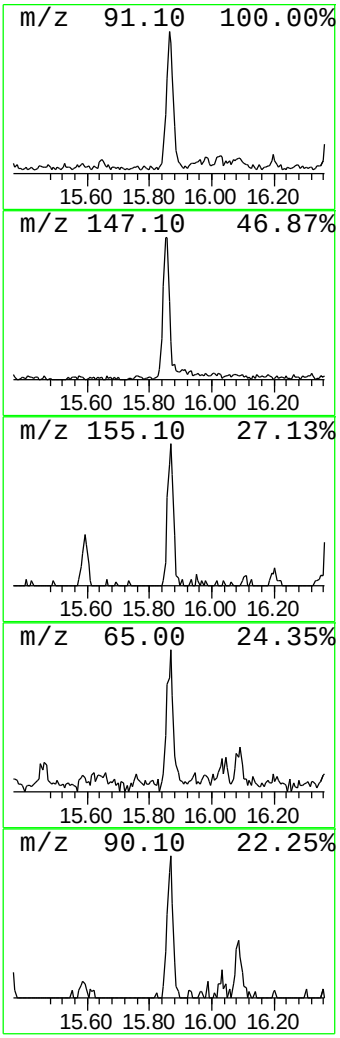
Peak Number 24 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.27 ng/ul	369782	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	30
2	Diaziridinone, (1,1-dimethylethy...	246	C15H22N2O	019656-67-8	22
3	Benzene, (1,1-diethylpropyl)-	176	C13H20	004170-84-7	22
4	DL-Phenylalanine, N-formyl-	193	C10H11NO3	004289-95-6	16
5	N3, N.alpha.-bis*ptoluenesulfony...	462	C20H22N4O5S2	1000130-21-9	12





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Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

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ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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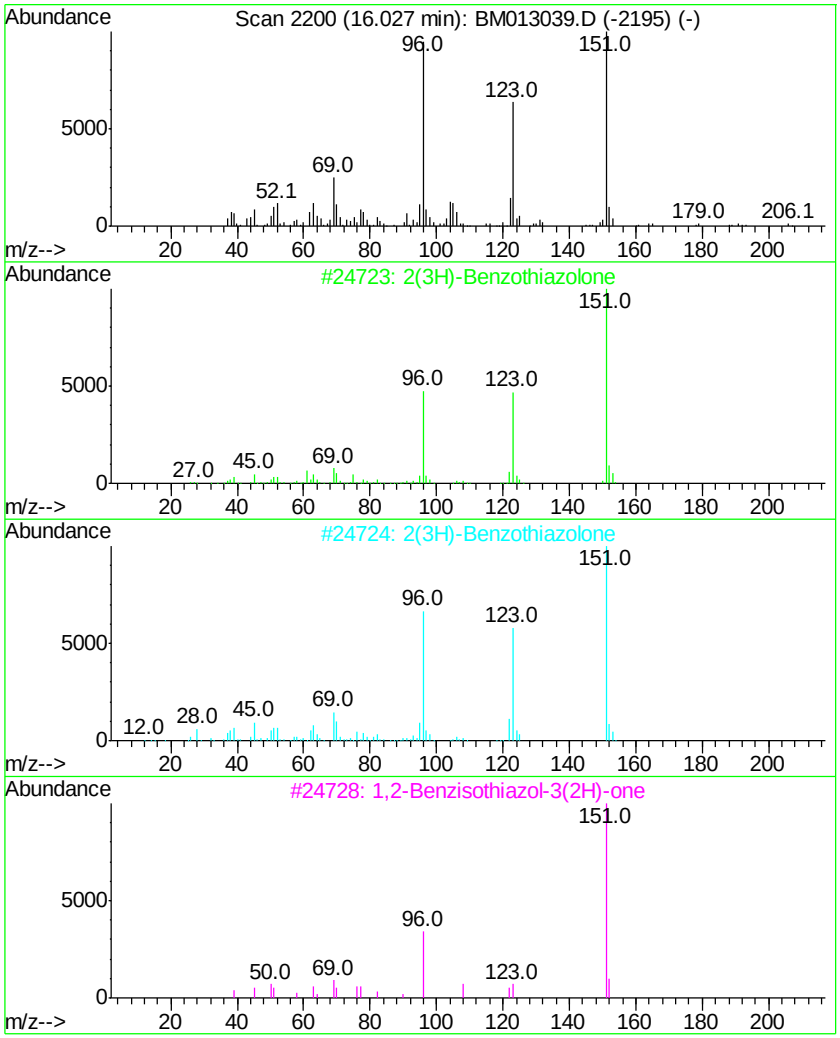
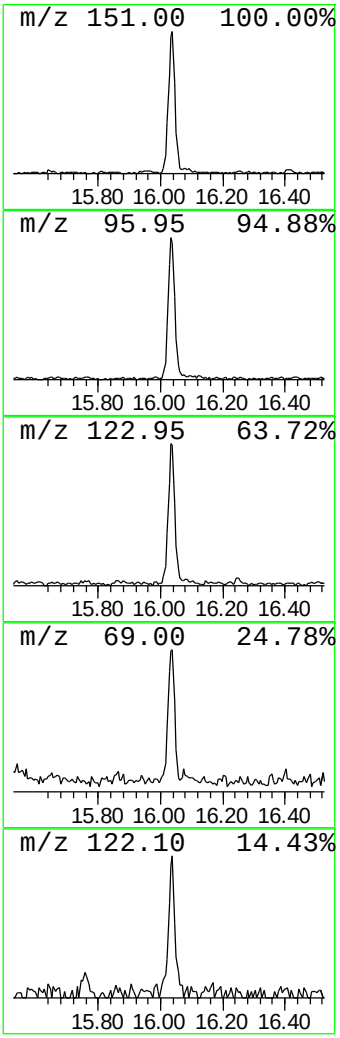
Peak Number 25 2(3H)-Benzothiazolone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.75 ng/ul	537915	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	93
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
4	Thieno[3,2-c]pyridin-4(5H)-one	151	C7H5NOS	027685-92-3	52
5	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	46





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ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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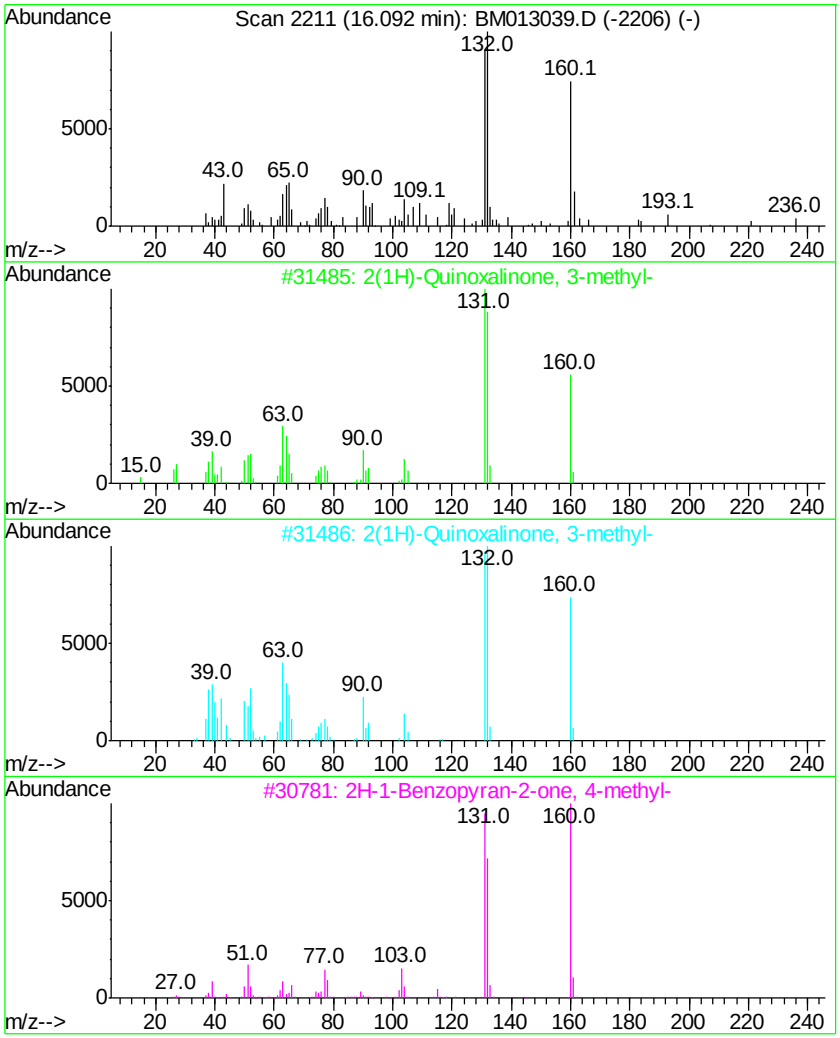
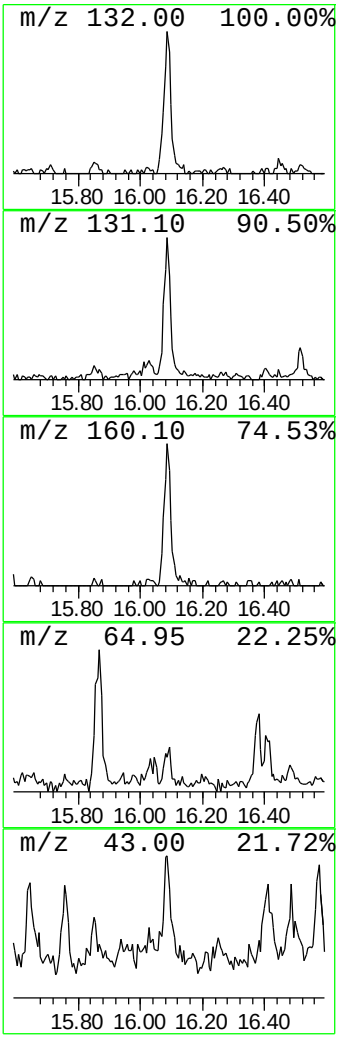
Peak Number 26 2(1H)-Quinoxalinone, 3-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.29 ng/ul	258811	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinoxalinone, 3-methyl-	160	C9H8N2O	014003-34-0	93
2	2(1H)-Quinoxalinone, 3-methyl-	160	C9H8N2O	014003-34-0	91
3	2H-1-Benzopyran-2-one, 4-methyl-	160	C10H8O2	000607-71-6	74
4	2(1H)-Quinoxalinone, 3-methyl-	160	C9H8N2O	014003-34-0	68
5	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	64





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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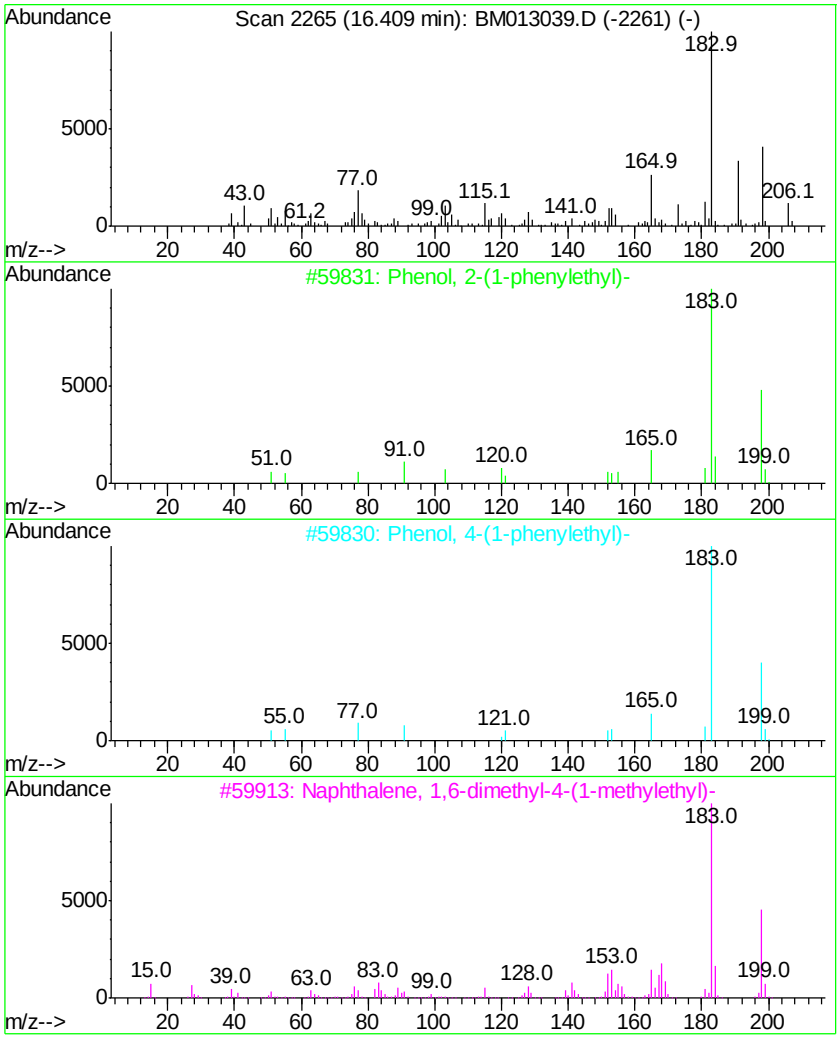
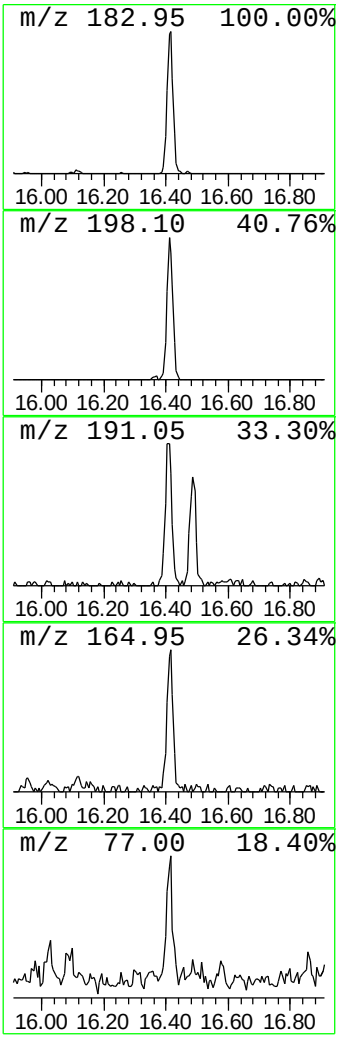
Peak Number 27 Phenol, 2-(1-phenylethyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	3.46 ng/ul	391319	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	68
2	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	53
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	50
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	47
5	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	40





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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

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Quant Title : SVOA CALIBRATION

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

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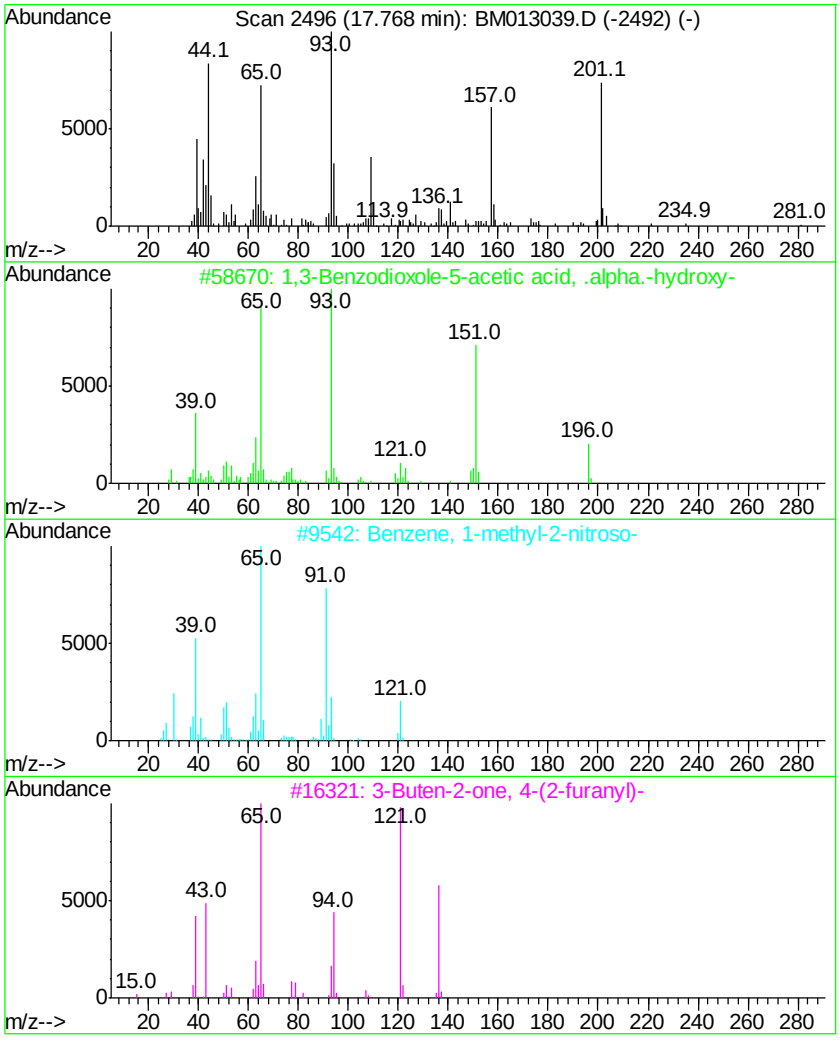
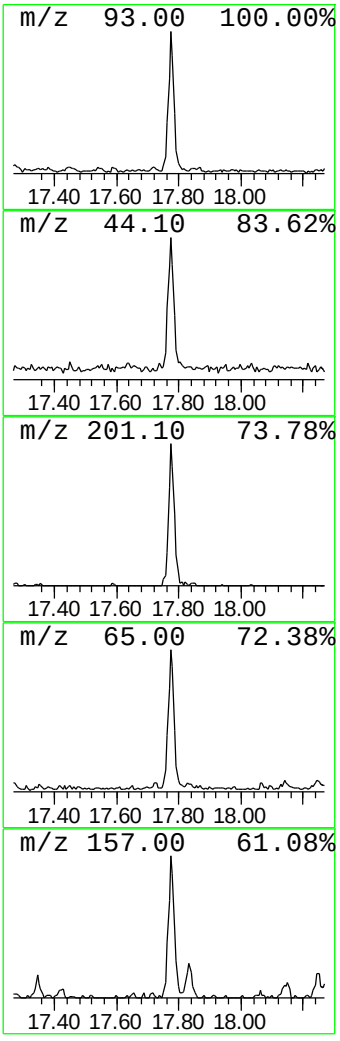
Peak Number 28 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.87 ng/ul	438160	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxole-5-acetic acid, ...	196	C9H8O5	027738-46-1	35
2	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	27
3	3-Buten-2-one, 4-(2-furanyl)-	136	C8H8O2	000623-15-4	25
4	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	16
5	1-Acetylcyclopentadiene	108	C7H8O	060032-12-4	16





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Quant Title : SVOA CALIBRATION

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

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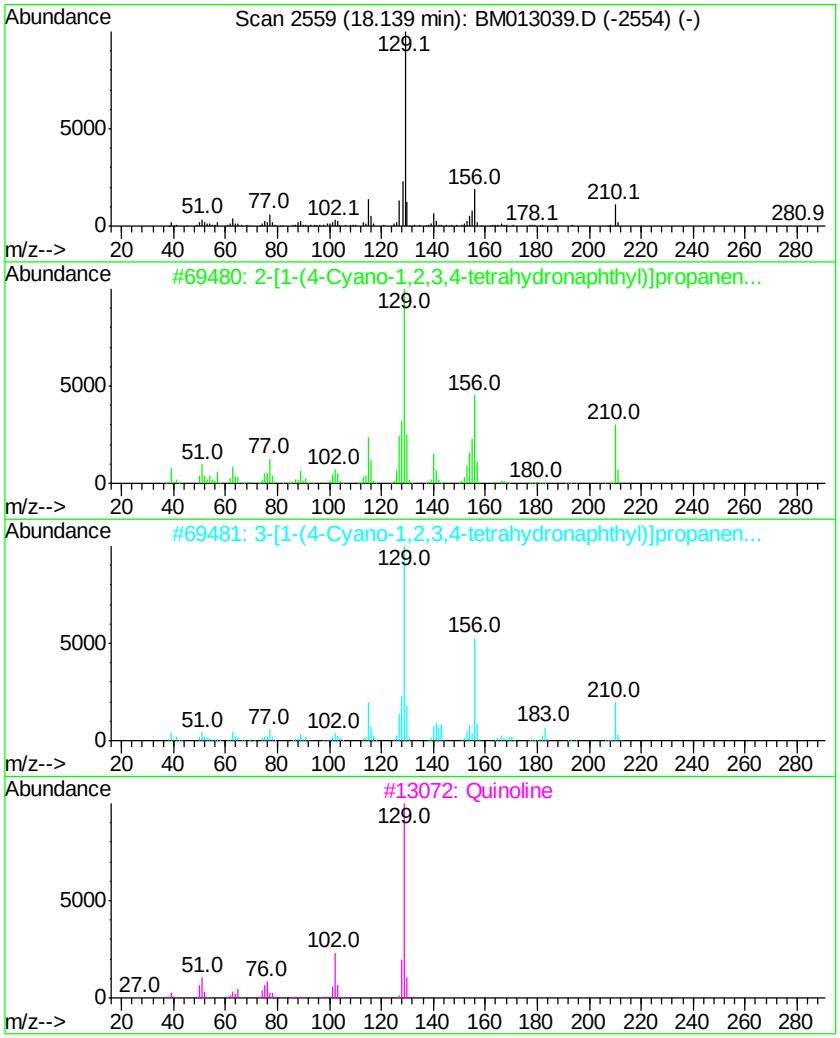
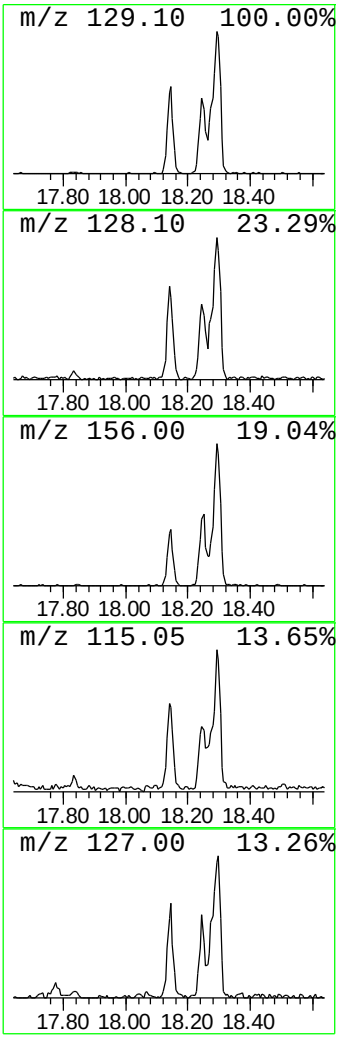
Peak Number 29 2-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	4.28 ng/ul	483885	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	90
2	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	50
3	Quinoline	129	C9H7N	000091-22-5	50
4	Quinoline	129	C9H7N	000091-22-5	50
5	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	40





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Quant Title : SVOA CALIBRATION

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

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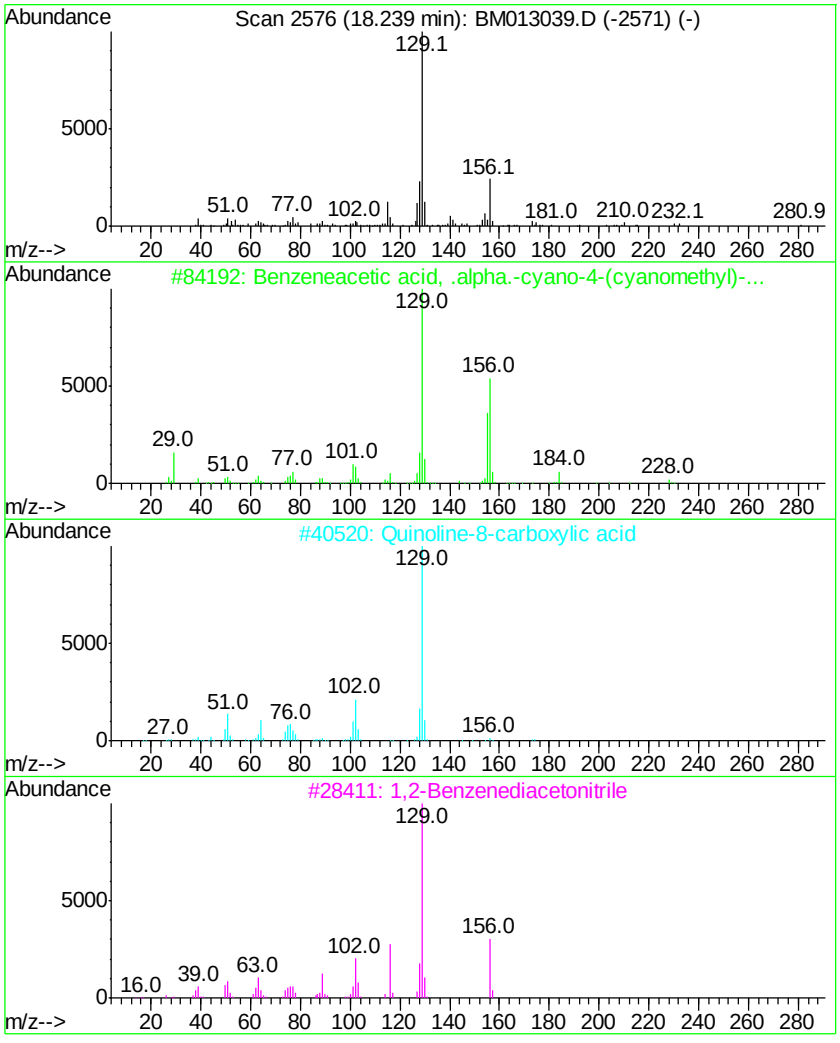
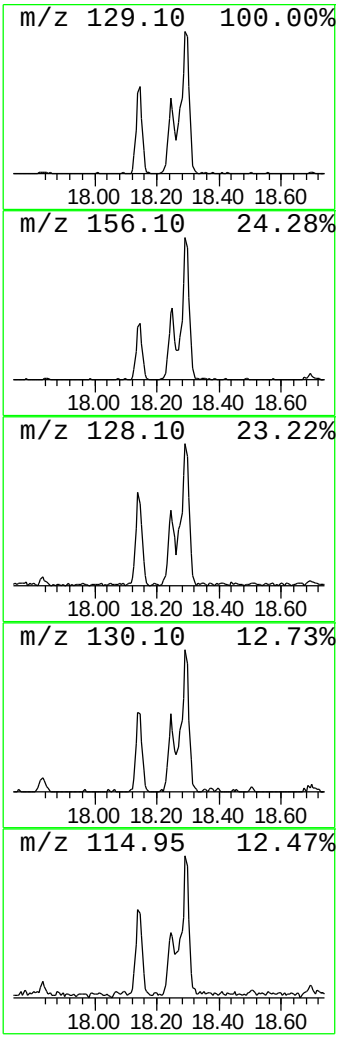
Peak Number 30 Benzeneacetic acid, .alpha.... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	3.84 ng/ul	435024	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	56
2	Quinoline-8-carboxylic acid	173	C10H7NO2	000086-59-9	53
3	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	50
4	4,5-Dimethylthiazole S-oxide	129	C5H7NOS	1000112-53-4	43
5	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	40





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Quant Title : SVOA CALIBRATION

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

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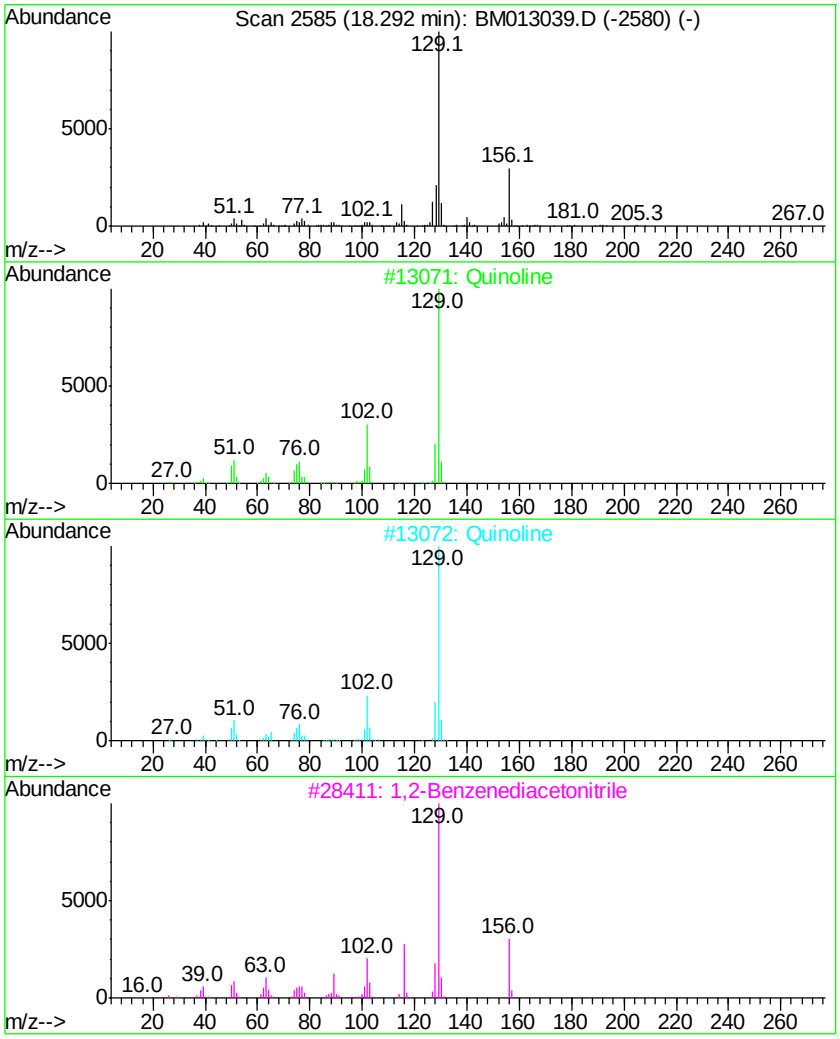
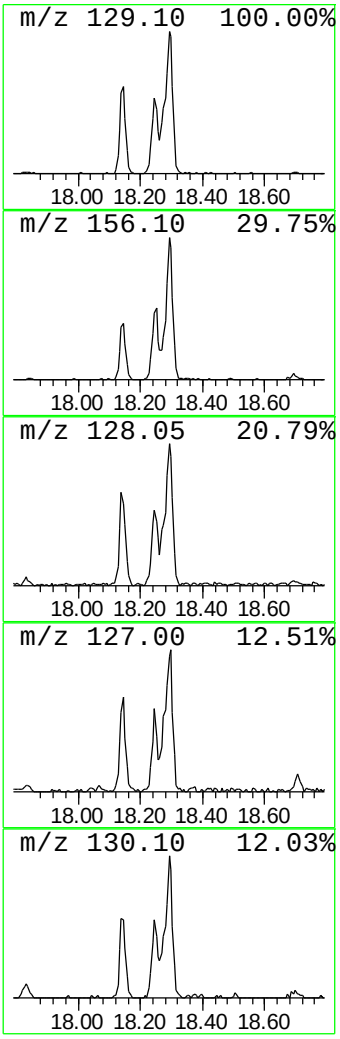
Peak Number 31 Quinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	8.26 ng/ul	935026	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	52
2	Quinoline	129	C9H7N	000091-22-5	52
3	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	50
4	Isoquinoline	129	C9H7N	000119-65-3	50
5	Quinoline	129	C9H7N	000091-22-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
Data File : BM013039.D
Acq On : 18 Nov 2017 14:33
Operator : SJ/JU
Sample : I6405-07 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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
Benzene, 1,3-dime...	5.39	15.9	ng/ul	949907	1	7.72	1193400	20.0
(DEL) Alkane: Cyc...	5.46	2.7	ng/ul	160787	1	7.72	1193400	20.0
Benzene, (1-methy...	6.22	23.1	ng/ul	1380480	1	7.72	1193400	20.0
3-Heptanone, 5-me...	6.40	8.0	ng/ul	477943	1	7.72	1193400	20.0
Benzene, propyl-	6.71	3.6	ng/ul	212458	1	7.72	1193400	20.0
Benzene, 1,2,3-tr...	7.37	3.0	ng/ul	181844	1	7.72	1193400	20.0
3,6-Dimethyl-2,3,...	7.42	4.9	ng/ul	290034	1	7.72	1193400	20.0
unknown-01	7.92	5.4	ng/ul	324590	1	7.72	1193400	20.0
Indane	8.08	3.6	ng/ul	216232	1	7.72	1193400	20.0
Pentanoic acid, 4...	8.70	3.2	ng/ul	190470	1	7.72	1193400	20.0
Bicyclo[2.2.1]hep...	8.95	7.1	ng/ul	424058	1	7.72	1193400	20.0
2-Amino-4-methylp...	9.50	2.4	ng/ul	169428	2	10.50	1444890	20.0
Cyclohexanemethan...	9.87	3.7	ng/ul	268296	2	10.50	1444890	20.0
(+)-2-Bornanone	9.92	6.0	ng/ul	435565	2	10.50	1444890	20.0
Cyclohexanone, 2,...	10.23	3.6	ng/ul	262425	2	10.50	1444890	20.0
Phenol, p-tert-bu...	11.85	13.6	ng/ul	979390	2	10.50	1444890	20.0
Tripropyl phosphate	12.89	2.6	ng/ul	260262	3	14.36	1982040	20.0
unknown-02	13.00	5.3	ng/ul	529440	3	14.36	1982040	20.0
Benzenepropanoic ...	13.84	5.3	ng/ul	527380	3	14.36	1982040	20.0
Bicyclo[4.2.0]oct...	14.14	2.7	ng/ul	269246	3	14.36	1982040	20.0
unknown-03	15.86	3.3	ng/ul	369782	4	17.10	2263650	20.0
2(3H)-Benzothiazo...	16.03	4.8	ng/ul	537915	4	17.10	2263650	20.0
2(1H)-Quinoxalino...	16.09	2.3	ng/ul	258811	4	17.10	2263650	20.0
Phenol, 2-(1-phen...	16.41	3.5	ng/ul	391319	4	17.10	2263650	20.0
unknown-04	17.77	3.9	ng/ul	438160	4	17.10	2263650	20.0
2-[1-(4-Cyano-1,2...	18.14	4.3	ng/ul	483885	4	17.10	2263650	20.0
Benzeneacetic aci...	18.24	3.8	ng/ul	435024	4	17.10	2263650	20.0
Quinoline	18.29	8.3	ng/ul	935026	4	17.10	2263650	20.0