LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013071.D
Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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	3.969	145	150	159	rVB	314026	442414	5.69%	0.297%
2	5.063	329	336	343	rBV	1625322	2361754	30.40%	1.586%
3	5.257	362	369	377	rVB	2169779	3172275	40.83%	2.130%
4	5.387	382	391	399	rVV	4479182	7200450	92.69%	4.834%
5	5.457	399	403	409	rVB2	204017	304778	3.92%	0.205%
6	5.745	446	452	460	rBV	1081011	1587711	20.44%	1.066%
7	6.216	523	532	542	rBV	480819	838594	10.79%	0.563%
8	6.393	548	562	573	rBV2	328966	789952	10.17%	0.530%
9	6.704	605	615	624	rBV	234567	478526	6.16%	0.321%
10	6.851	635	640	643	rVV	293393	481474	6.20%	0.323%
11	6.892	643	647	651	rVV	386604	665480	8.57%	0.447%
12	6.940	652	655	661	rVB2	191066	294531	3.79%	0.198%
13	7.057	667	675	680	rBV	1094614	1736664	22.35%	1.166%
14	7.110	680	684	687	rVV	260069	407800	5.25%	0.274%
15	7.251	701	708	716	rBV	1382020	2293870	29.53%	1.540%
16	7.363	721	727	732	rBV	714742	1090518	14.04%	0.732%
17	7.416	732	736	742	rVB3	265859	413553	5.32%	0.278%
18	7.628	761	772	777	rBV5	123735	311203	4.01%	0.209%
19	7.710	777	786	791	rBV	1011582	1827282	23.52%	1.227%
20	7.828	798	806	816	rVB	379404	640820	8.25%	0.430%
21	7.916	816	821	828	rBV2	471906	701243	9.03%	0.471%
22	8.081	840	849	855	rVB2	1384951	2820647	36.31%	1.894%
23	8.257	873	879	885	rVB2	166564	334536	4.31%	0.225%
24	8.345	887	894	900	rBV4	128883	272674	3.51%	0.183%
25	8.422	900	907	914	rVB	1153275	1818652	23.41%	1.221%
26	8.704	950	955	961	rVB5	134735	263408	3.39%	0.177%
27	8.810	967	973	977	rBV2	323475	526967	6.78%	0.354%
28	8.869	977	983	991	rVV	1562141	2790860	35.92%	1.874%
29	8.939	991	995	1007	rVB4	397981	836269	10.76%	0.561%
30	9.198	1034	1039	1044	rVB	220152	331462	4.27%	0.223%
31	9.328	1056	1061	1066	rVB2	176900	292071	3.76%	0.196%
32	9.392	1066	1072	1079	rBV	150404	271917	3.50%	0.183%
33	9.498	1079	1090	1093	rBV3	192484	381146	4.91%	0.256%
34	9.581	1098	1104	1109	rBV	1355102	2206251	28.40%	1.481%

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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	9.745	1127	1132	1137	rBV2	250597	442614	5.70%	0.297%
36	9.869	1147	1153	1155	rBV	254735	388010	4.99%	0.260%
37	9.916	1155	1161	1169	rVV7	568796	1422000	18.30%	0.955%
38	9.992	1169	1174	1179	rVV2	440940	829886	10.68%	0.557%
39	10.122	1188	1196	1205	rBV	2072378	3459770	44.53%	2.323%
40	10.239	1212	1216	1224	rVV	384083	801531	10.32%	0.538%
41	10.310	1224	1228	1233	rVV3	194725	397047	5.11%	0.267%
42	10.498	1253	1260	1263	rVV	1404002	2369017	30.49%	1.590%
43	10.545	1263	1268	1281	rVV	3681693	6184279	79.61%	4.152%
44	10.663	1282	1288	1300	rVV3	262170	742351	9.56%	0.498%
45	10.898	1313	1328	1336	rVB4	564879	1419867	18.28%	0.953%
46	11.098	1355	1362	1369	rVB	1458614	2429176	31.27%	1.631%
47	11.480	1422	1427	1433	rBV3	122599	258243	3.32%	0.173%
48	11.851	1480	1490	1495	rBV	1070649	2025090	26.07%	1.360%
49	12.163	1535	1543	1548	rVB	734726	1186952	15.28%	0.797%
50	12.327	1565	1571	1575	rVV5	155729	383246	4.93%	0.257%
51	12.380	1575	1580	1588	rVB	971012	1576601	20.29%	1.058%
52	12.933	1670	1674	1679	rBV2	261793	409115	5.27%	0.275%
53	12.998	1679	1685	1694	rVB	1062288	1558657	20.06%	1.046%
54	13.404	1751	1754	1760	rVB	178515	274846	3.54%	0.185%
55	13.674	1795	1800	1804	rVB2	167446	281485	3.62%	0.189%
56	13.769	1810	1816	1823	rVV	3628948	5485907	70.62%	3.683%
57	13.868	1823	1833	1837	rVV	2512994	4950943	63.73%	3.324%
58	13.904	1837	1839	1845	rVV2	288623	440949	5.68%	0.296%
59	14.045	1857	1863	1873	rVV	4335166	6280436	80.84%	4.216%
60	14.133	1873	1878	1882	rVV	217143	331636	4.27%	0.223%
61	14.351	1907	1915	1919	rBV2	2118352	3570125	45.96%	2.397%
62	14.392	1919	1922	1924	rVV	669302	973214	12.53%	0.653%
63	14.416	1924	1926	1931	rVB	489103	567981	7.31%	0.381%
64	14.574	1948	1953	1959	rBV2	367050	657433	8.46%	0.441%
65	14.751	1979	1983	1988	rVB4	184655	316766	4.08%	0.213%
66	15.104	2039	2043	2049	rBV	148400	264280	3.40%	0.177%
67	15.351	2079	2085	2092	rBV2	5261584	7768691	100.00%	5.215%
68	15.468	2097	2105	2113	rBV	1374016	2118663	27.27%	1.422%
69	15.651	2132	2136	2143	rVB5	191541	319981	4.12%	0.215%
70	15.862	2166	2172	2182	rBV3	601300	1370361	17.64%	0.920%
71	16.045	2197	2203	2208	rVB2	404273	658371	8.47%	0.442%

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Misc :
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Instrument : BNA_M
ClientSampleId : BE2W0

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

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Peak separation: 5

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

72	16.098	2209	2212	2221	rVB5	182334	395509	5.09%	0.266%
73	16.251	2234	2238	2244	rBV3	136842	282967	3.64%	0.190%
74	16.574	2288	2293	2297	rVV2	259683	359434	4.63%	0.241%
75	16.627	2297	2302	2304	rVV4	187609	290194	3.74%	0.195%
76	17.098	2376	2382	2392	rVB2	2563382	3760531	48.41%	2.525%
77	17.198	2393	2399	2406	rVV	5277889	7394555	95.18%	4.964%
78	17.268	2407	2411	2420	rVV4	224397	373096	4.80%	0.250%
79	17.345	2420	2424	2432	rVB8	115618	265189	3.41%	0.178%
80	17.474	2439	2446	2452	rBV	371666	608677	7.84%	0.409%
81	17.539	2453	2457	2462	rVB3	200380	256438	3.30%	0.172%
82	17.633	2469	2473	2478	rBV	761750	932212	12.00%	0.626%
83	17.780	2493	2498	2504	rVV	354542	590231	7.60%	0.396%
84	18.145	2554	2560	2568	rVB	489033	815781	10.50%	0.548%
85	18.245	2571	2577	2580	rVV2	343295	582037	7.49%	0.391%
86	18.292	2580	2585	2593	rVV	845830	1382477	17.80%	0.928%
87	19.227	2738	2744	2750	rVB3	494999	822973	10.59%	0.552%
88	19.492	2783	2789	2794	rBV	5258494	7192062	92.58%	4.828%
89	19.550	2794	2799	2810	rVB	1421965	1907902	24.56%	1.281%
90	19.745	2829	2832	2835	rVV	307549	368331	4.74%	0.247%
91	19.909	2854	2860	2863	rBV3	200820	307392	3.96%	0.206%
92	19.950	2863	2867	2871	rVV	220852	271393	3.49%	0.182%
93	20.533	2963	2966	2969	rBV	244559	273962	3.53%	0.184%
94	20.621	2977	2981	2986	rVB	414375	497329	6.40%	0.334%
95	21.203	3076	3080	3082	rBV	319383	374726	4.82%	0.252%
96	21.227	3082	3084	3088	rVB	286926	302485	3.89%	0.203%
97	21.280	3088	3093	3098	rBV	2456757	3048261	39.24%	2.046%
98	21.409	3110	3115	3122	rBV	1200329	1585584	20.41%	1.064%
99	23.374	3442	3449	3455	rBV2	2795139	5097274	65.61%	3.422%
100	23.515	3466	3473	3480	rVB	1333048	2513462	32.35%	1.687%

Sum of corrected areas: 148955736

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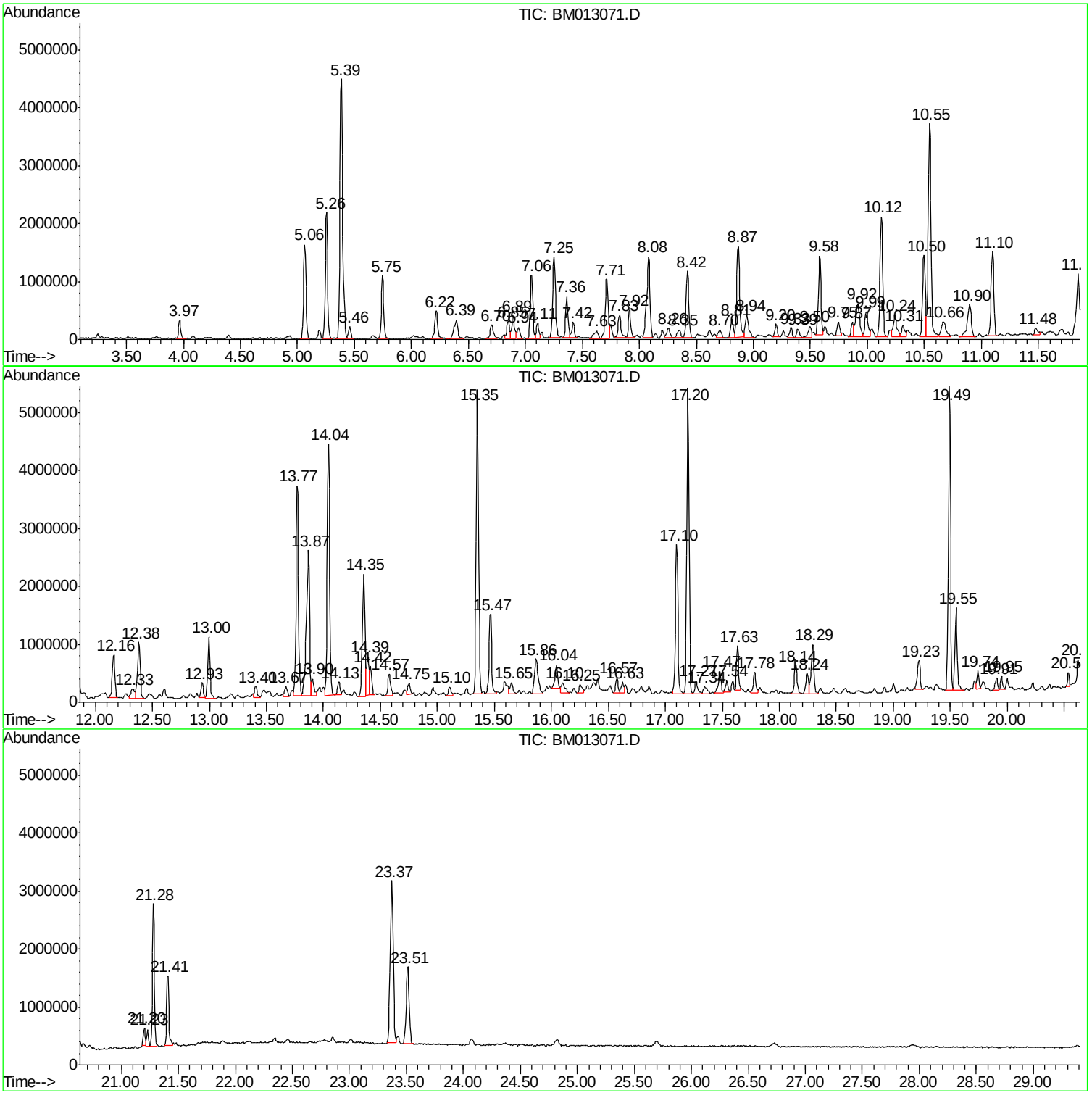
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

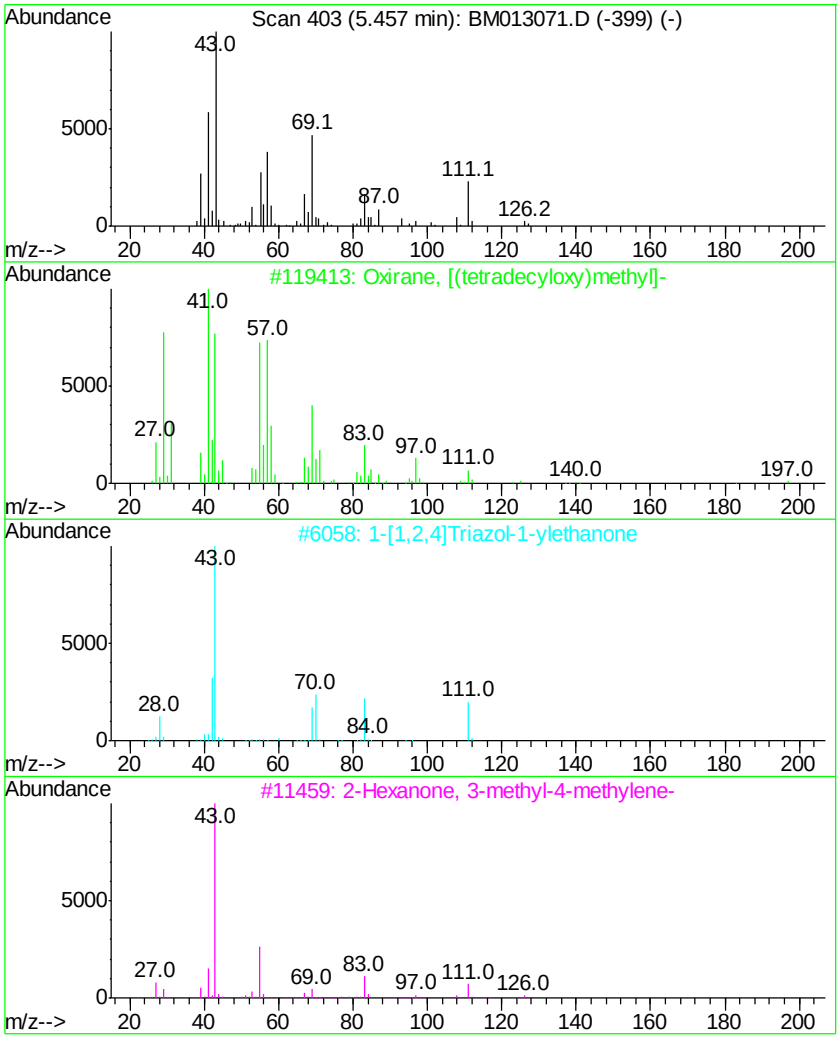
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

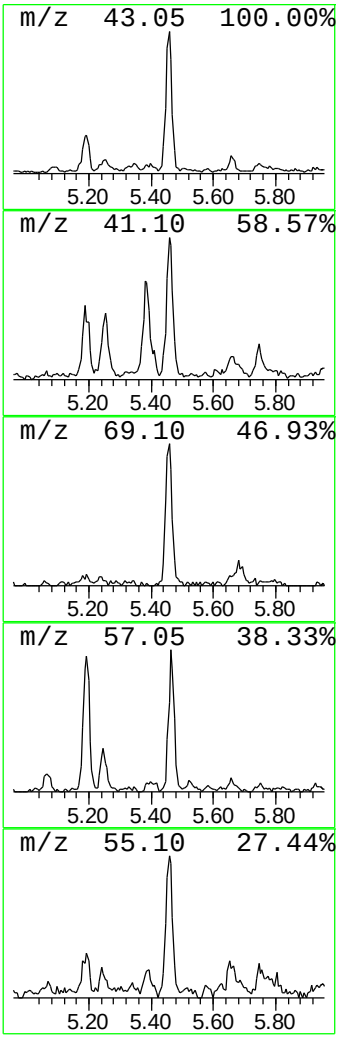
****

Peak Number 5 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	3.34 ng/ul	304778	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(tetradecyloxy)methyl]-	270	C17H34O2	038954-75-5	37
2	1-[1,2,4]Triazol-1-ylethanone	111	C4H5N3O	015625-88-4	25
3	2-Hexanone, 3-methyl-4-methylene-	126	C8H14O	020690-71-5	16
4	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	12
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	12





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Instrument : BNA_M
ClientSampleId : BE2W0

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

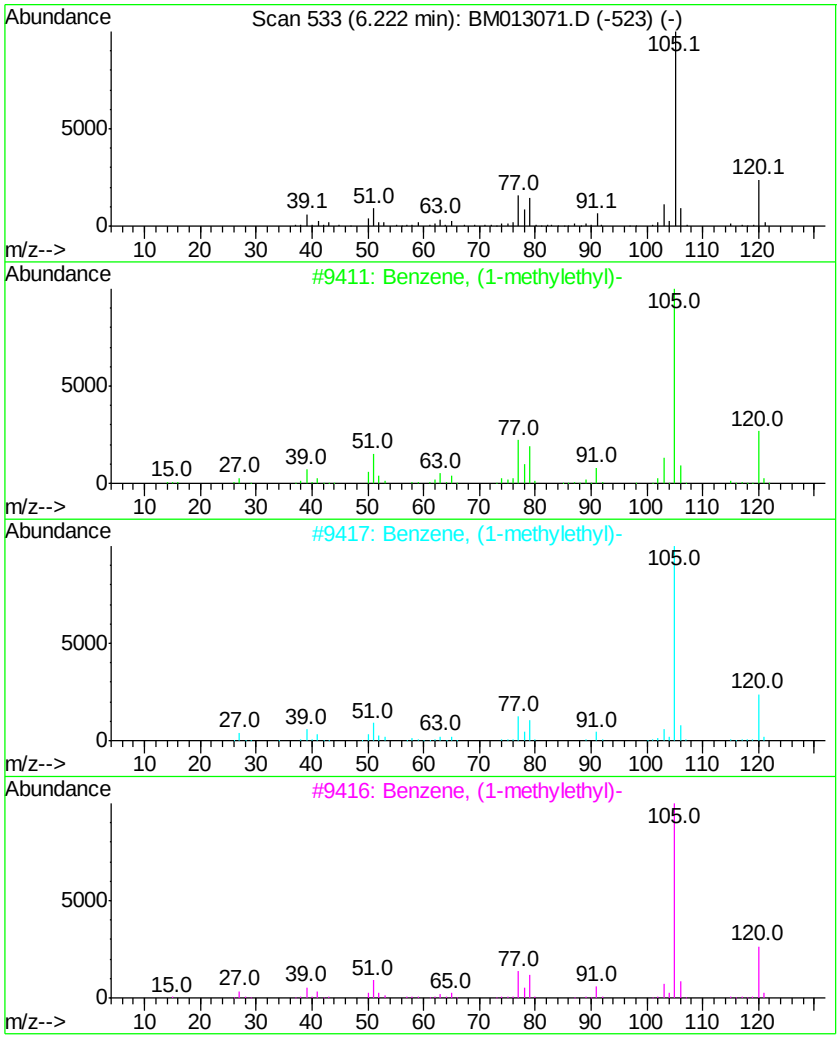
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

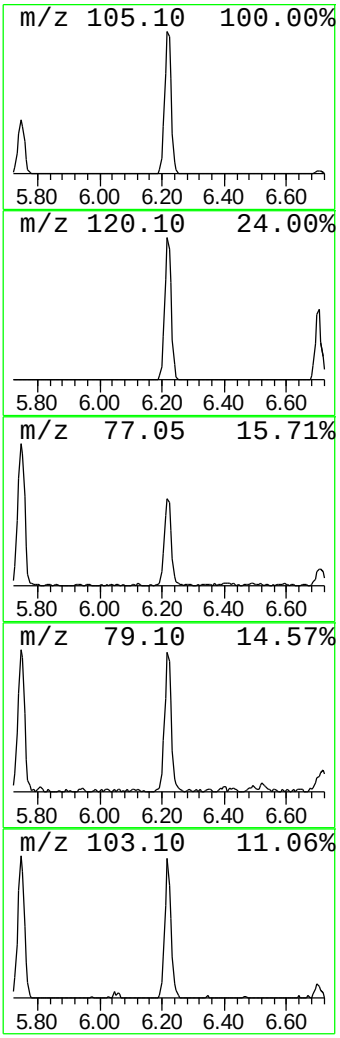
****

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	9.18 ng/ul	838594	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
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	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BE2W0

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

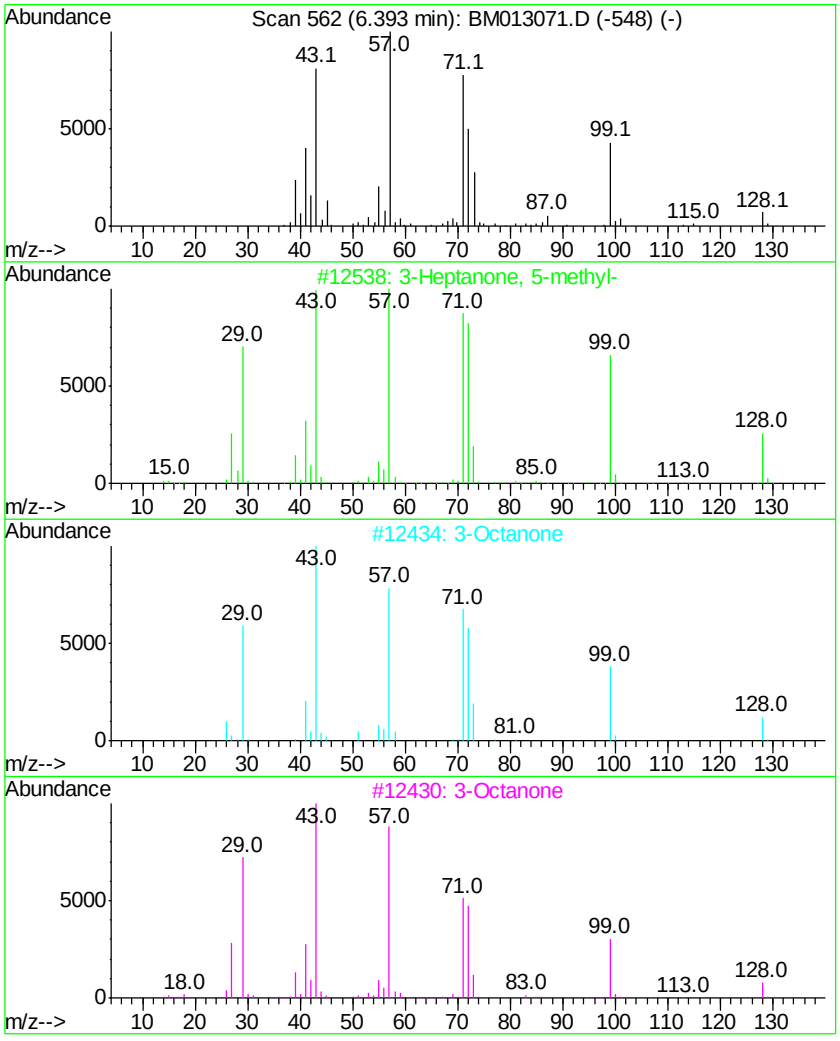
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

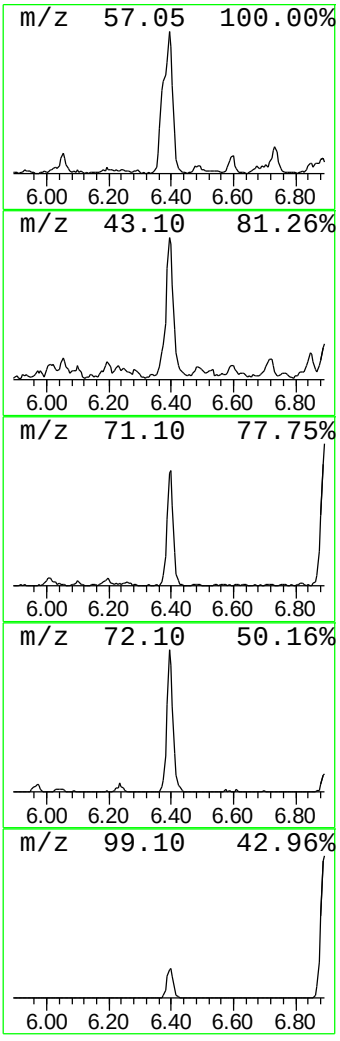
****

Peak Number 8 3-Heptanone, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	8.65 ng/ul	789952	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	64
2	3-Octanone	128	C8H16O	000106-68-3	50
3	3-Octanone	128	C8H16O	000106-68-3	49
4	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	49
5	3-Hexanone, 4-ethyl-	128	C8H16O	006137-12-8	43





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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

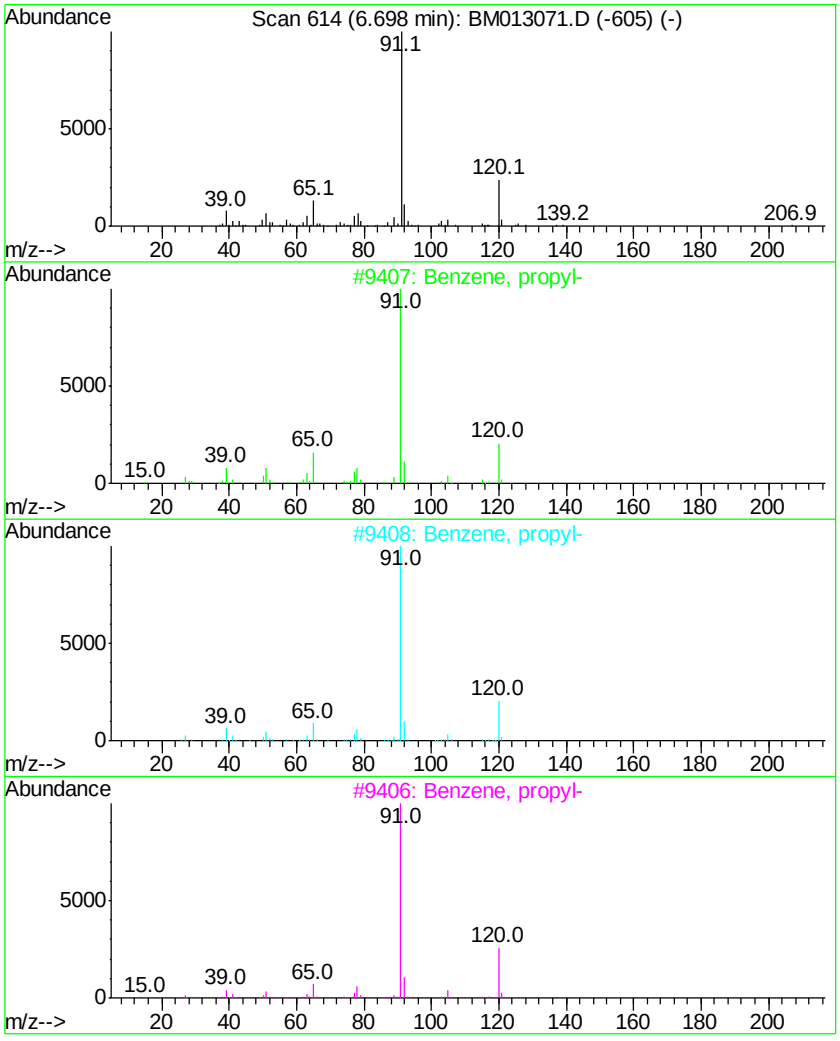
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

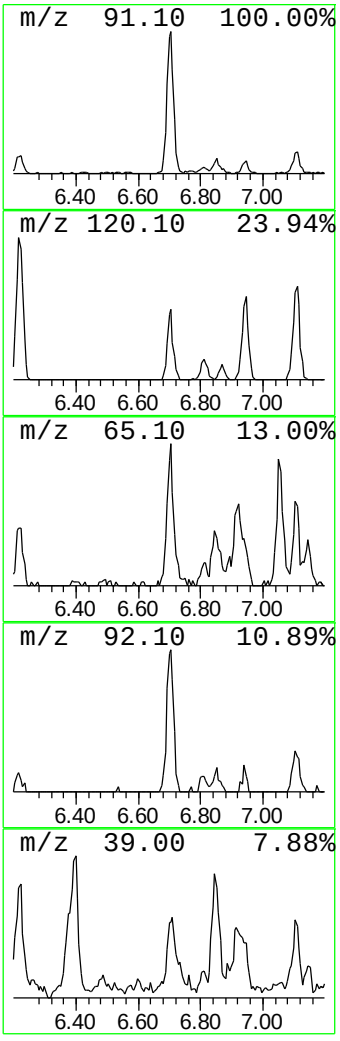
****

Peak Number 9 Benzene, propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	5.24 ng/ul	478526	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	64





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Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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

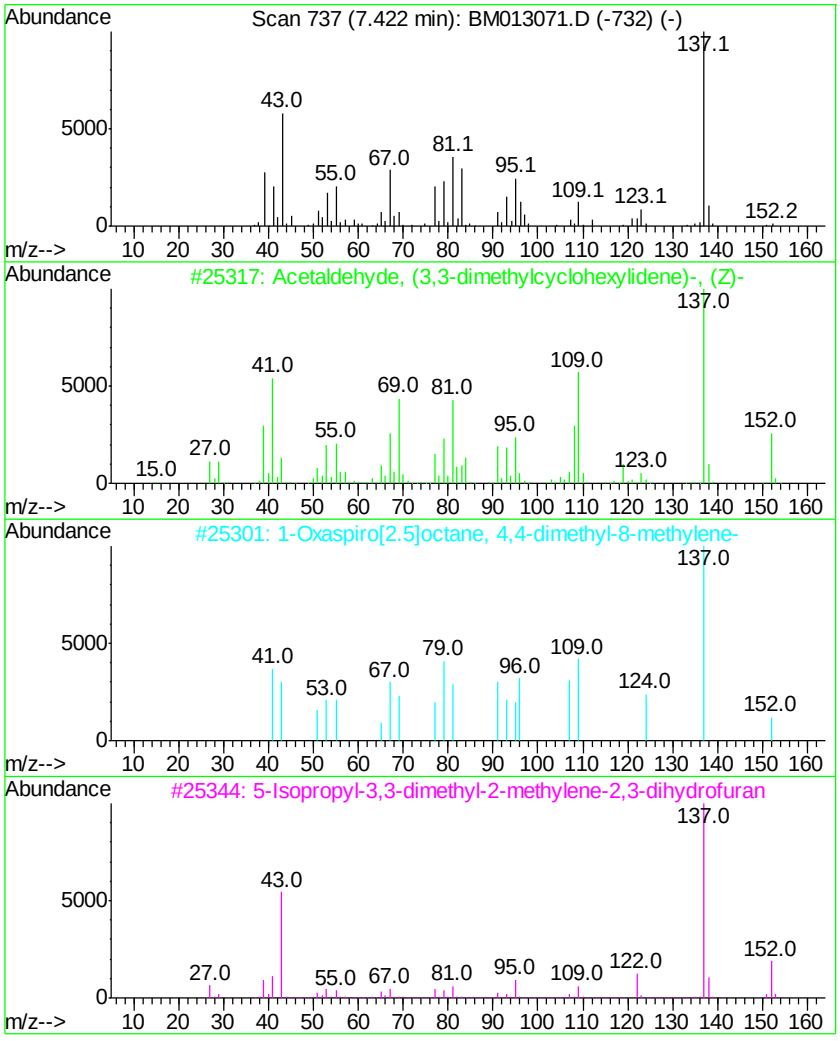
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

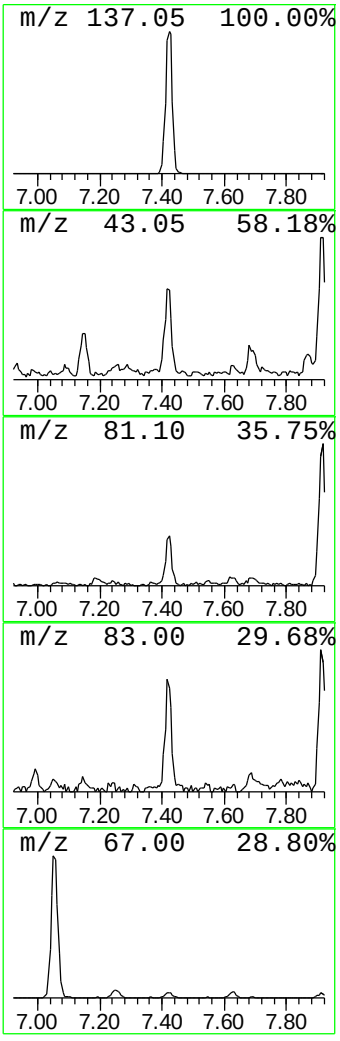
****

Peak Number 11 Acetaldehyde, (3,3-dimethyl... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	4.53 ng/ul	413553	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	50
2	1-Oxaspiro[2.5]octane, 4,4-dimet...	152	C10H16O	054345-56-1	42
3	5-Isopropyl-3,3-dimethyl-2-methy...	152	C10H16O	081250-44-4	40
4	Cyclopentanecarboxylic acid, 3-i...	290	C19H30O2	1000151-83-4	38
5	2(1H)-Pyridone, 1-ethyl-4-methyl-	137	C8H11NO	019006-62-3	38





Library Search Compound Report

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Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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Quant Title : SVOA CALIBRATION

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

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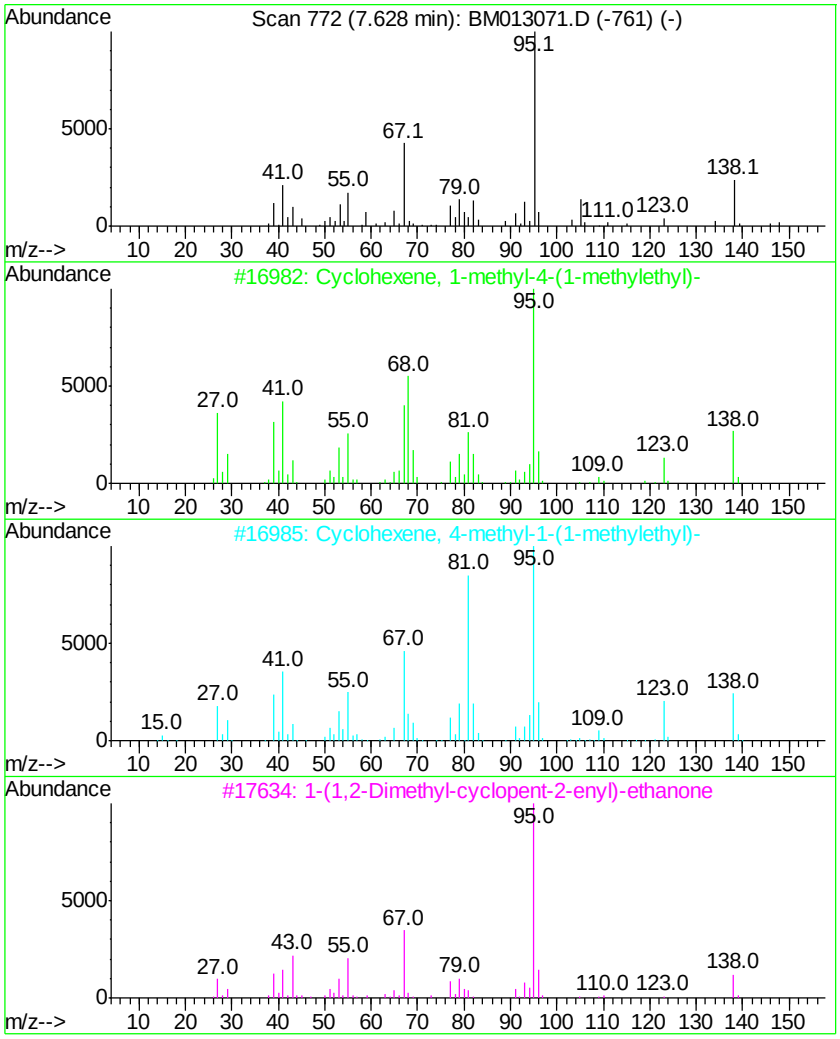
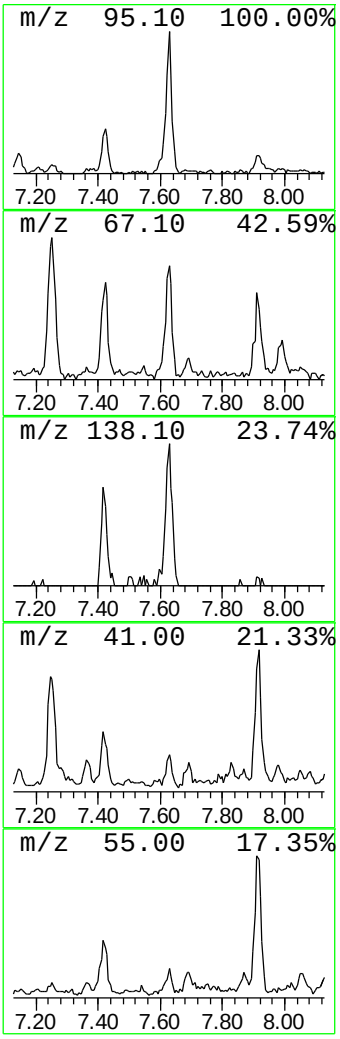
Peak Number 12 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	3.41 ng/ul	311203	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	005502-88-5	80
2	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	72
3	1-(1,2-Dimethyl-cyclopent-2-enyl...	138	C9H14O	070987-82-5	64
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	59
5	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	59





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Instrument : BNA_M
ClientSampleId : BE2W0

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Quant Title : SVOA CALIBRATION

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

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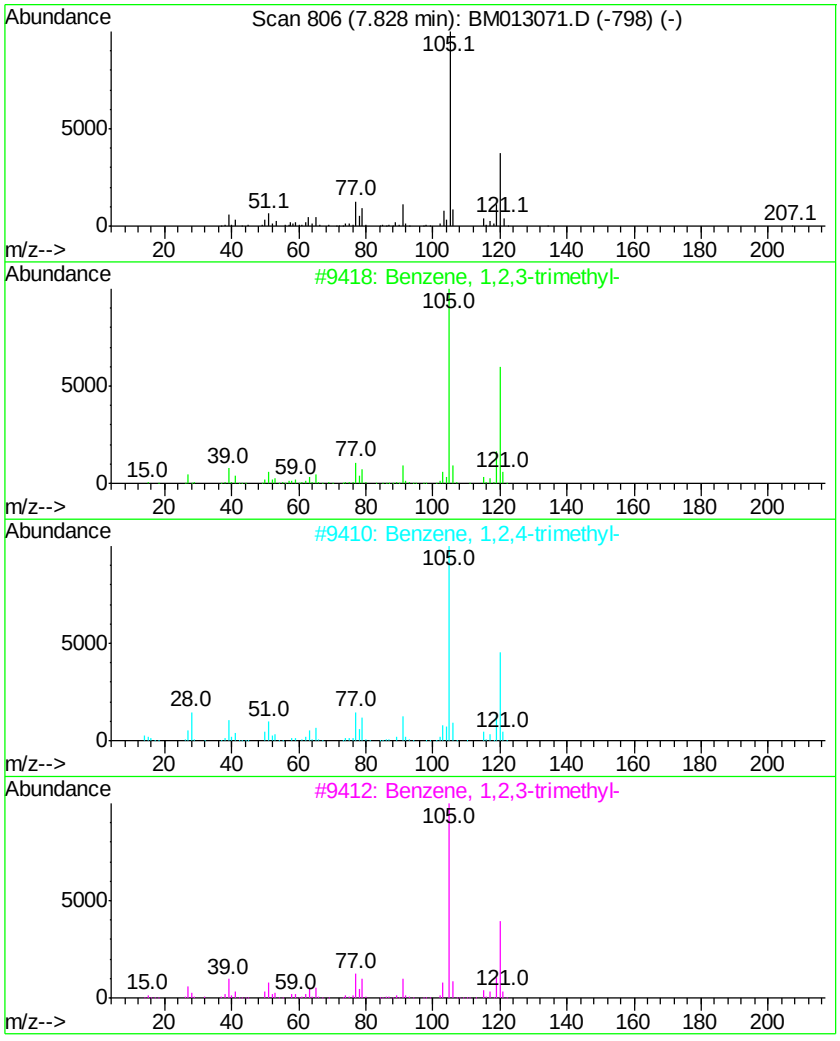
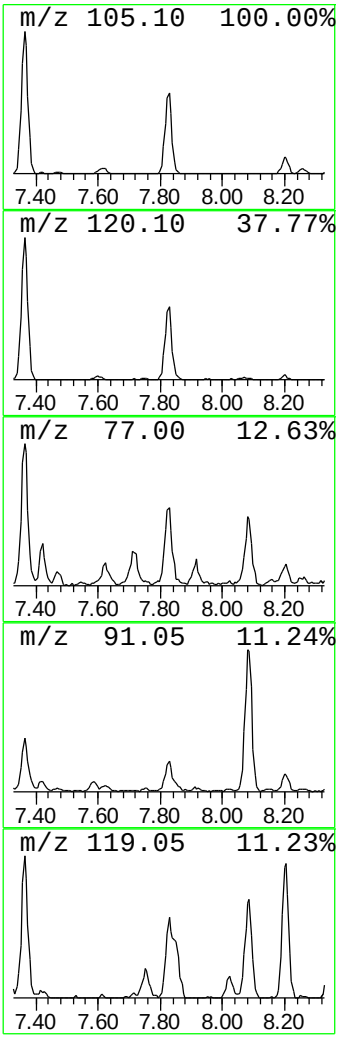
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	7.01 ng/ul	640820	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	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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ClientSampleId : BE2W0

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Quant Title : SVOA CALIBRATION

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

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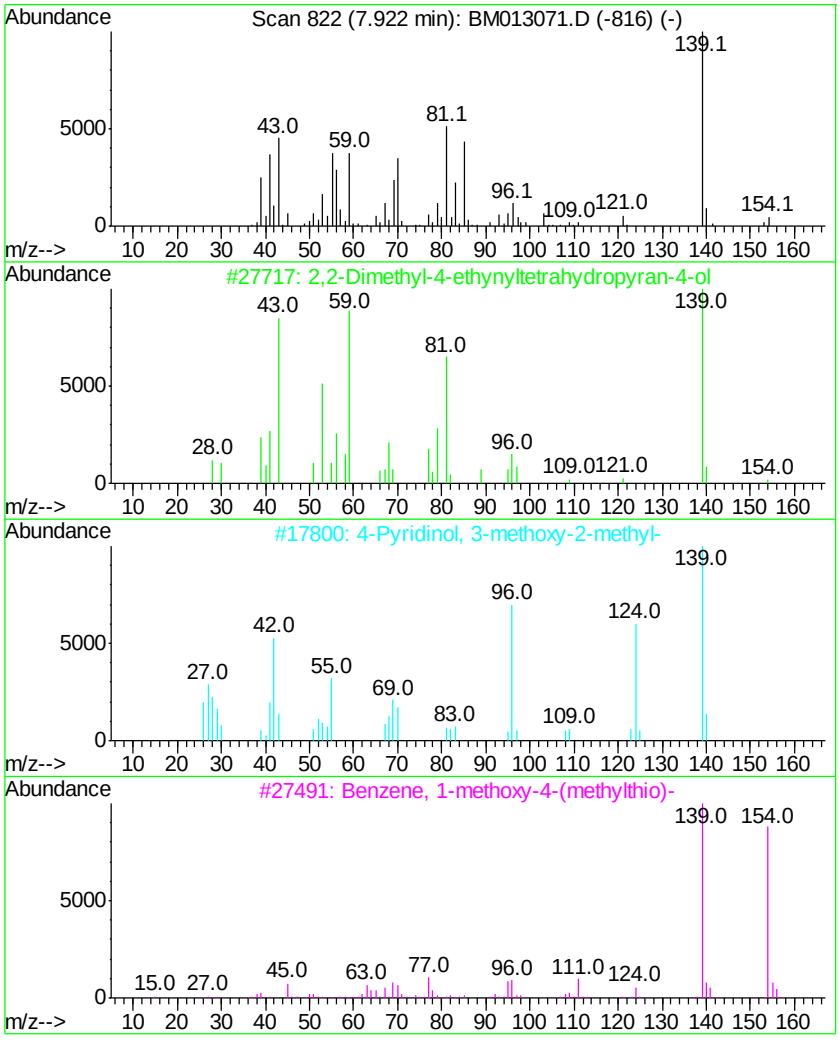
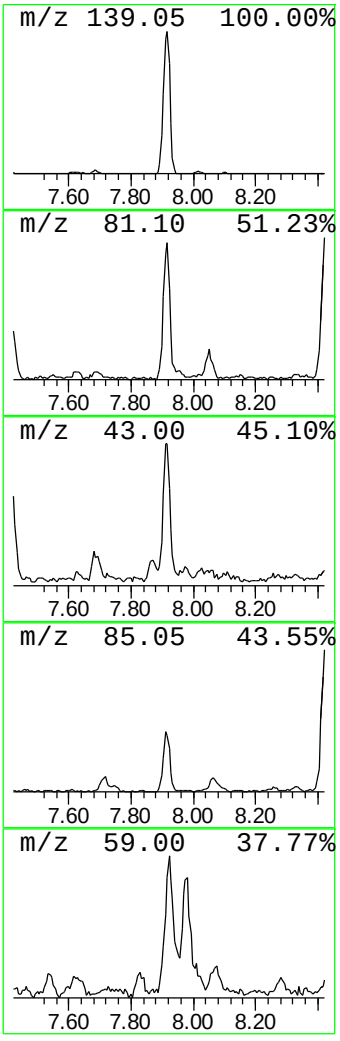
Peak Number 14 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	7.68 ng/ul	701243	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-4-ethynyltetrahydro...	154	C9H14O2	015775-89-0	38
2	4-Pyridinol, 3-methoxy-2-methyl-	139	C7H9NO2	053603-11-5	27
3	Benzene, 1-methoxy-4-(methylthio)-	154	C8H10OS	001879-16-9	27
4	2-Amino-4-hydroxy-3,6-dimethylpy...	139	C6H9N3O	033796-41-7	27
5	5-Dimethylamino-furan-2-carbalde...	139	C7H9NO2	1000317-69-8	27





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Quant Title : SVOA CALIBRATION

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

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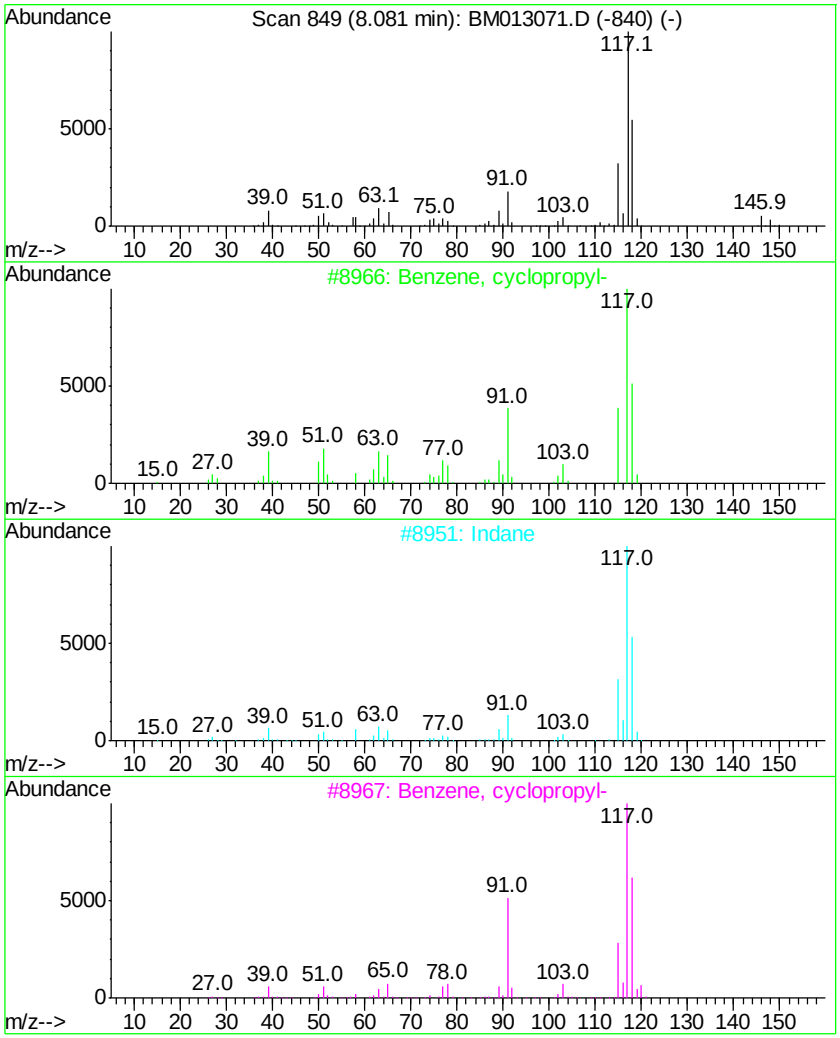
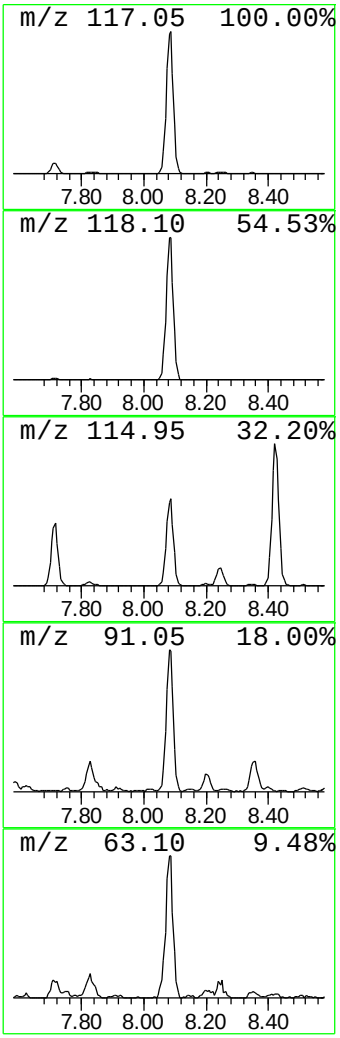
Peak Number 15 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	30.87 ng/ul	2820650	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Indane	118	C9H10	000496-11-7	60
5	Indane	118	C9H10	000496-11-7	60





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Quant Title : SVOA CALIBRATION

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

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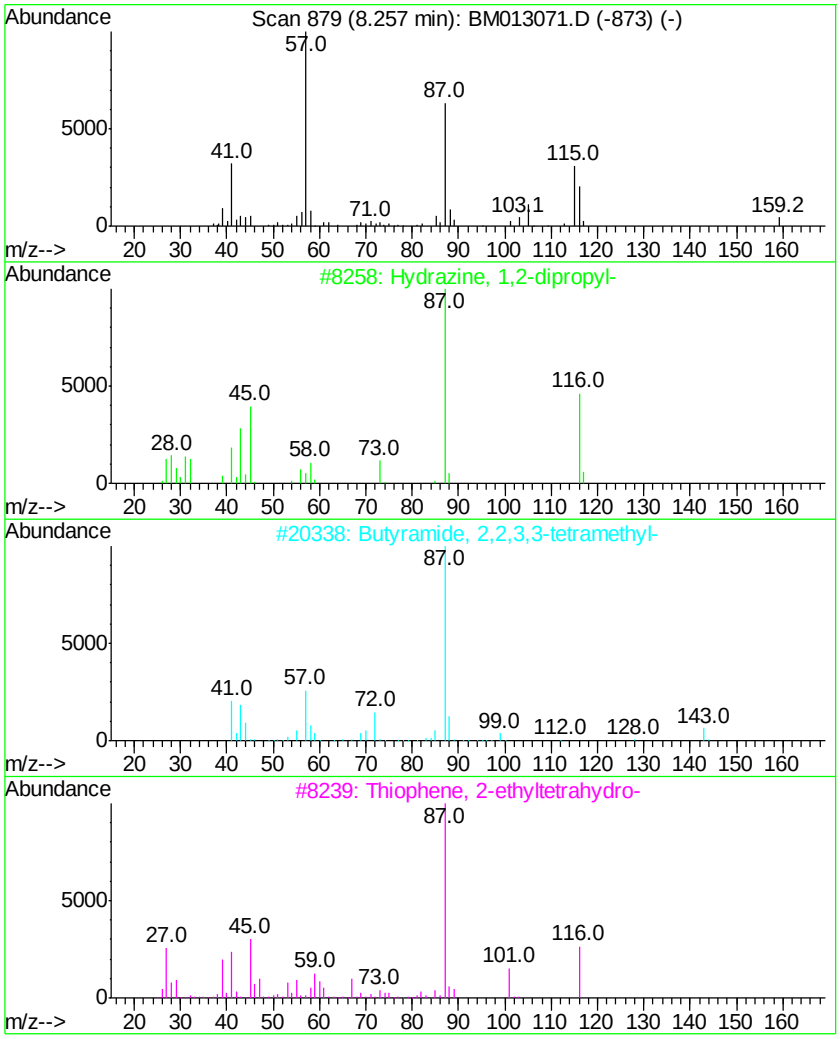
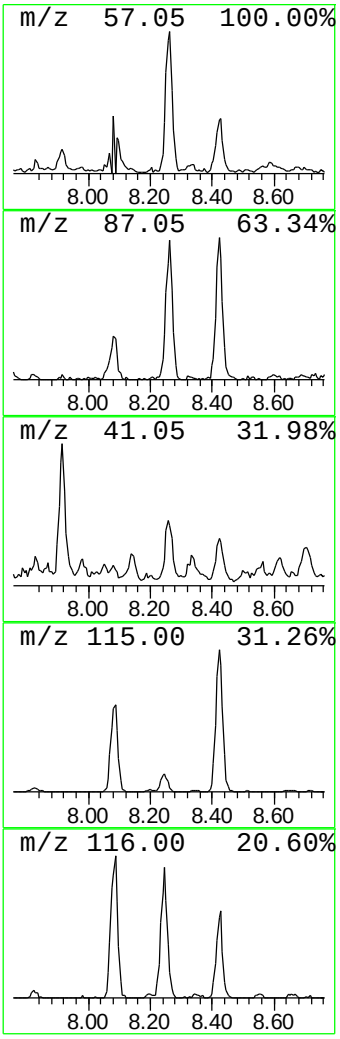
Peak Number 16 unknown-03 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	3.66 ng/ul	334536	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,2-dipropyl-	116	C6H16N2	001615-83-4	38
2	Butyramide, 2,2,3,3-tetramethyl-	143	C8H17NO	098486-62-5	35
3	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	32
4	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	32
5	Morpholine	87	C4H9NO	000110-91-8	25





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Quant Title : SVOA CALIBRATION

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

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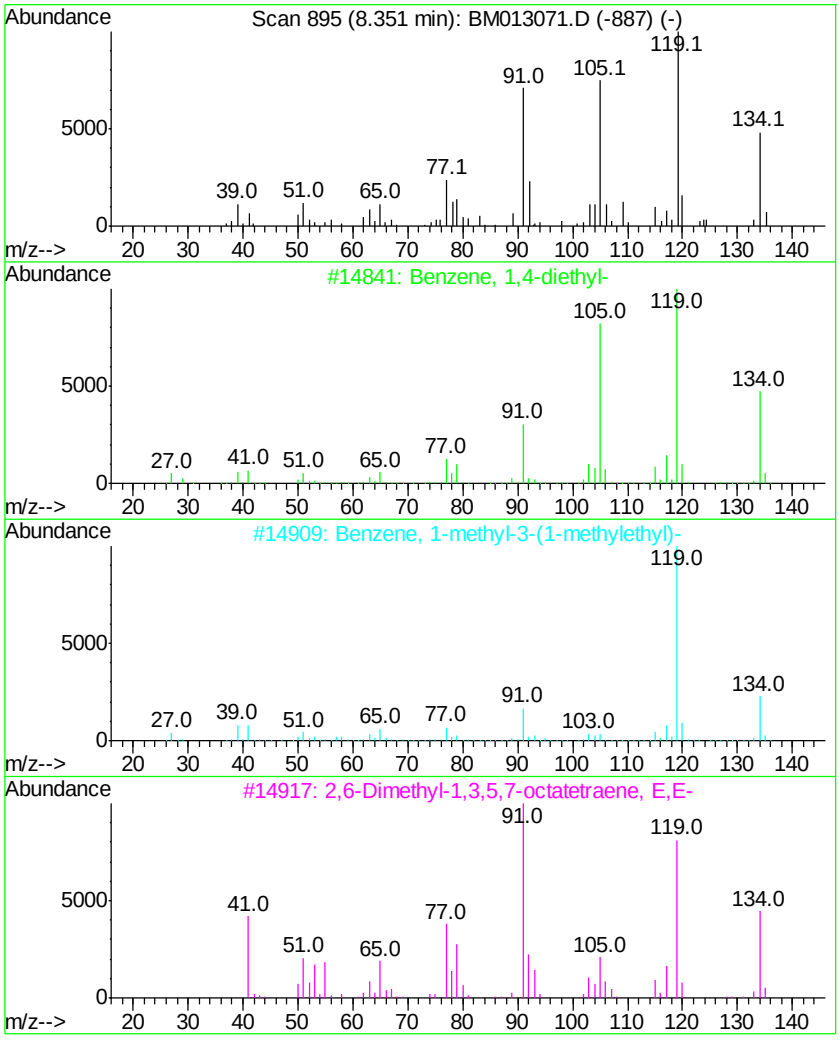
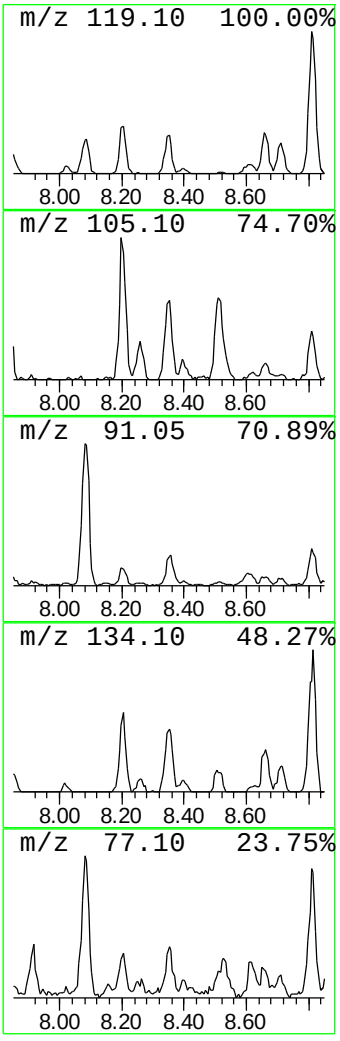
Peak Number 17 Benzene, 1,4-diethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.98 ng/ul	272674	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	90
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	90
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89





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Instrument : BNA_M
ClientSampleId : BE2W0

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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 (DEL) Alkane: Cyclic8.70 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.88 ng/ul	263408	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	30
2	Cyclopentanecarbonyl chloride	132	C6H9ClO	004524-93-0	27
3	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	27
4	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	27
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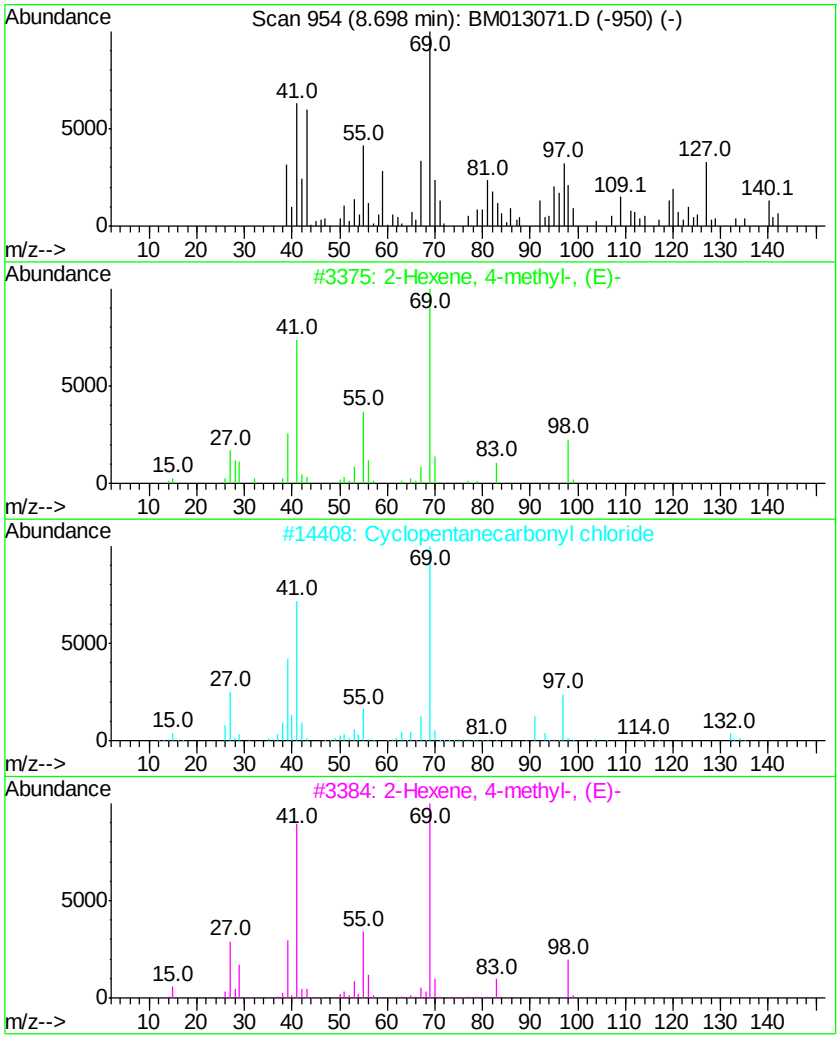

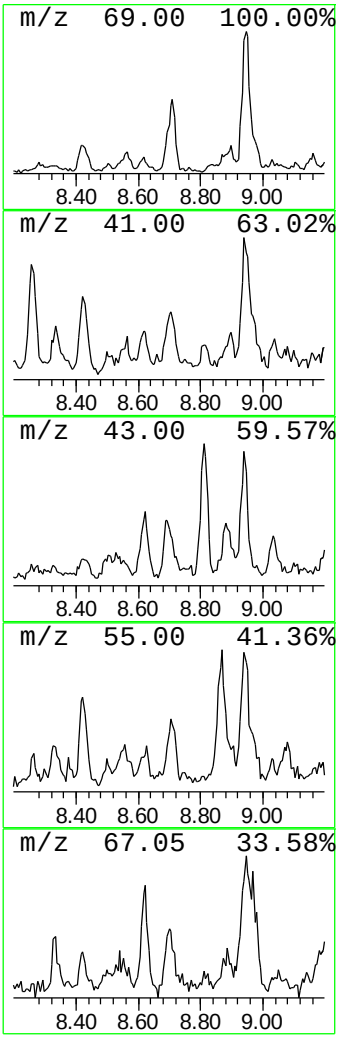

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Quant Title : SVOA CALIBRATION

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

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Peak Number 19 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	5.77 ng/ul	526967	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
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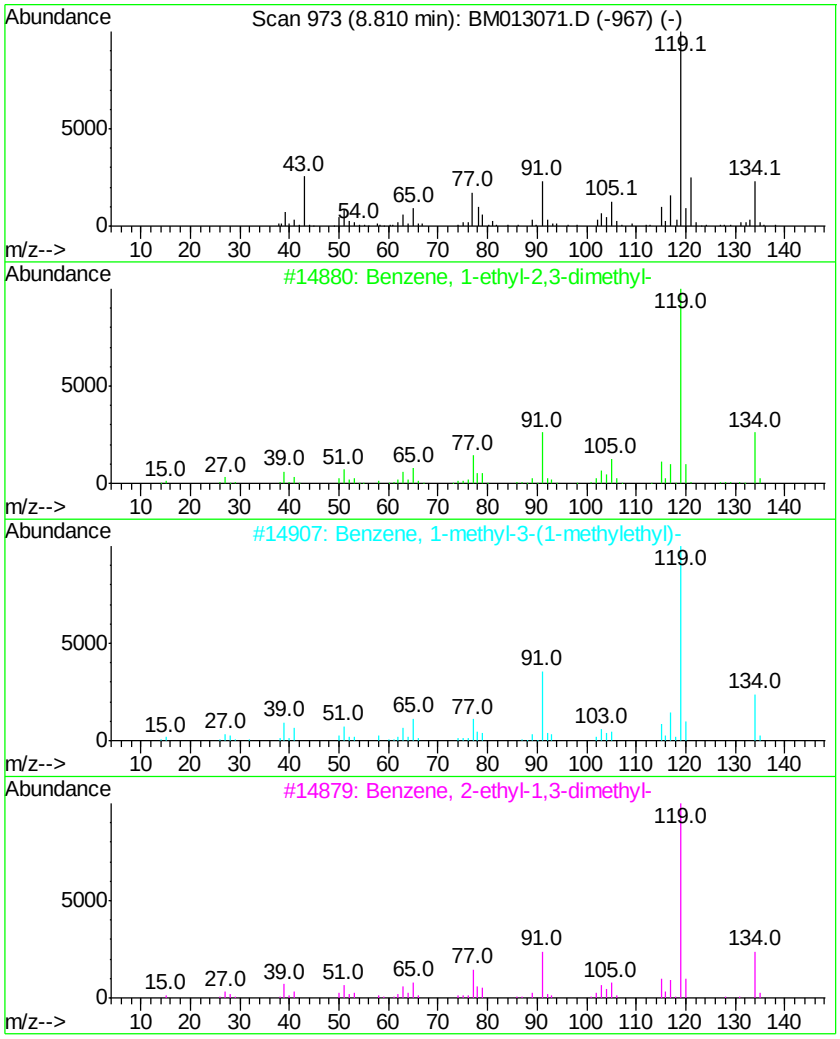

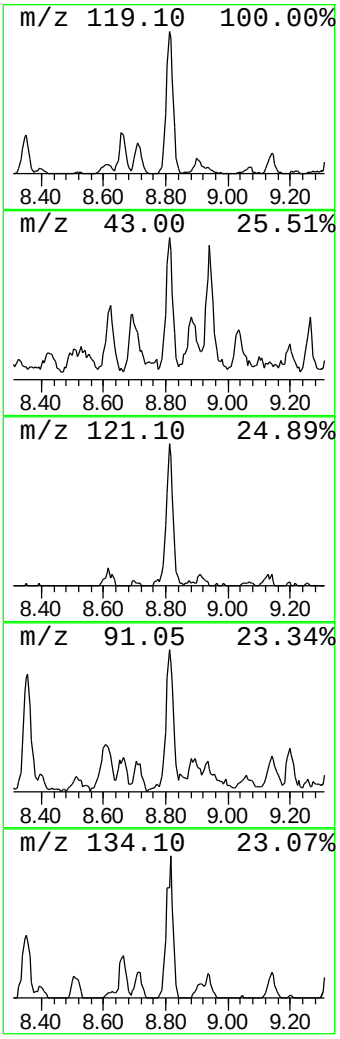

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Quant Title : SVOA CALIBRATION

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

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Peak Number 20 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	9.15 ng/ul	836269	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	25
2	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	25
3	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	25
4	Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	25
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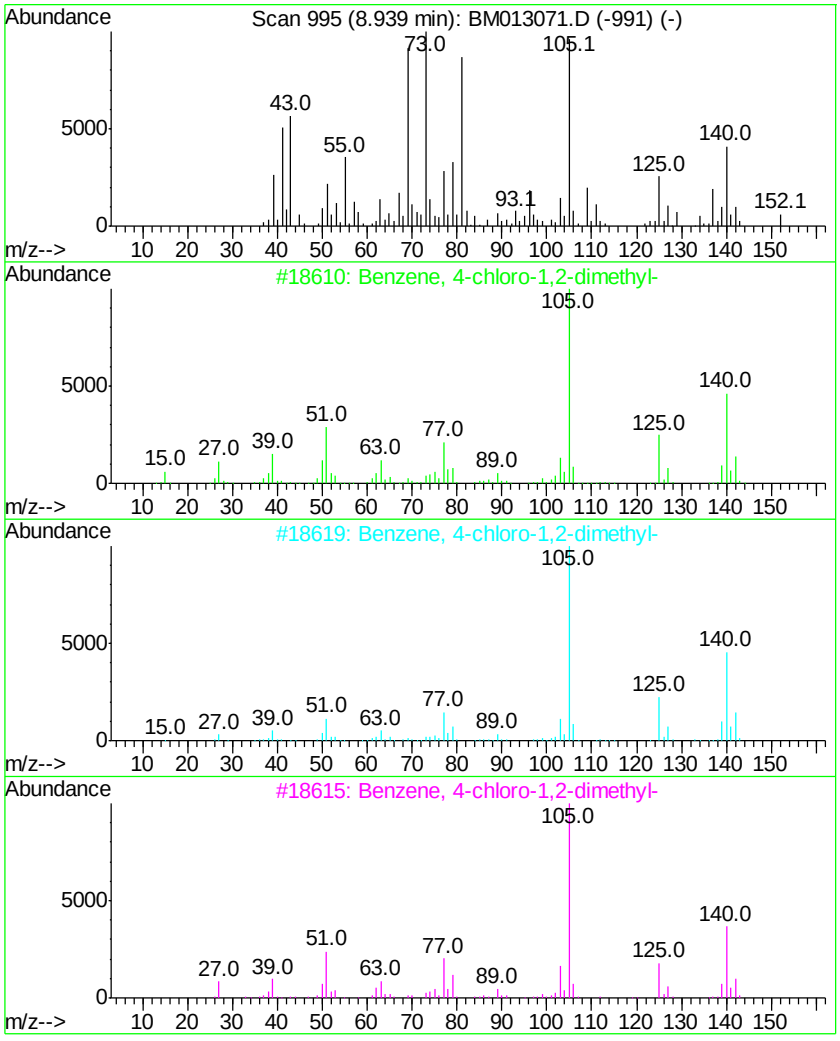

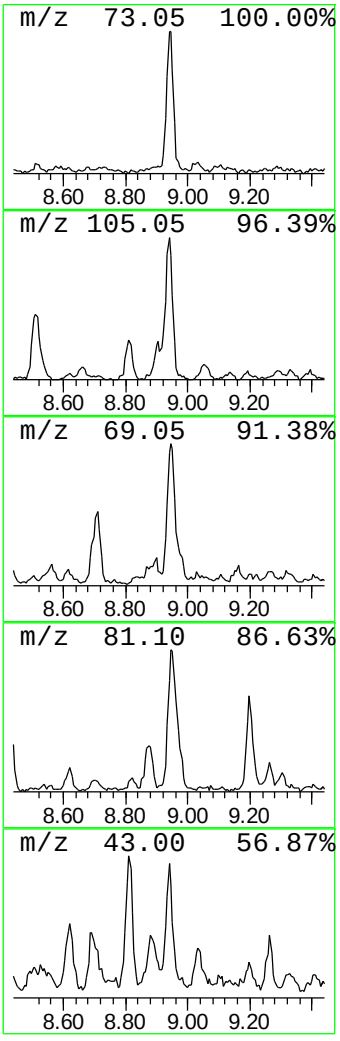

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Quant Title : SVOA CALIBRATION

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

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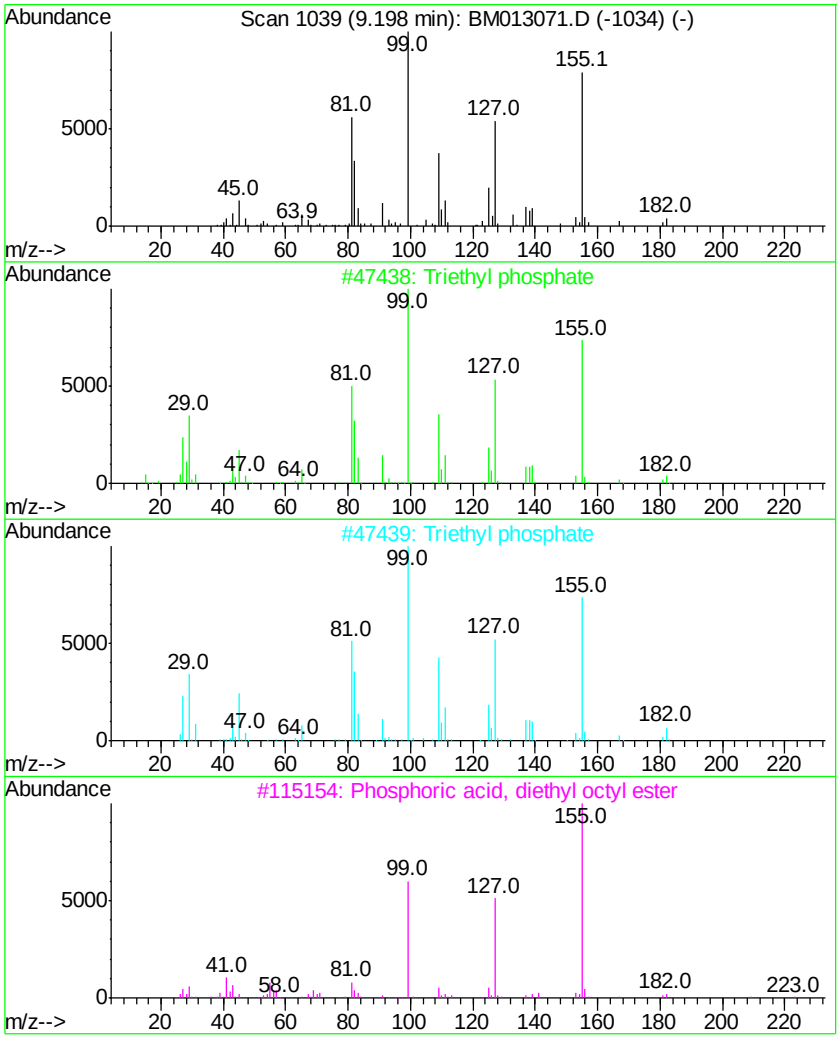
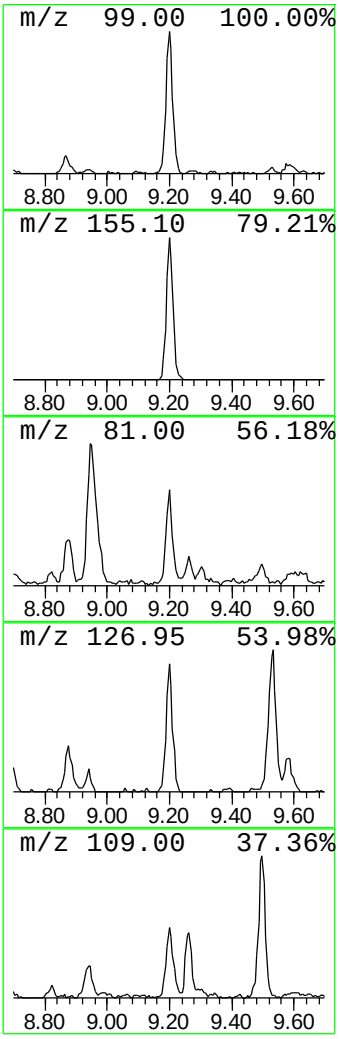
Peak Number 21 Triethyl phosphate Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.80 ng/ul	331462	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	98
2	Triethyl phosphate	182	C6H15O4P	000078-40-0	60
3	Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	59
4	Triethyl phosphate	182	C6H15O4P	000078-40-0	53
5	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	45





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TIC Integration Parameters: LSCINT.P

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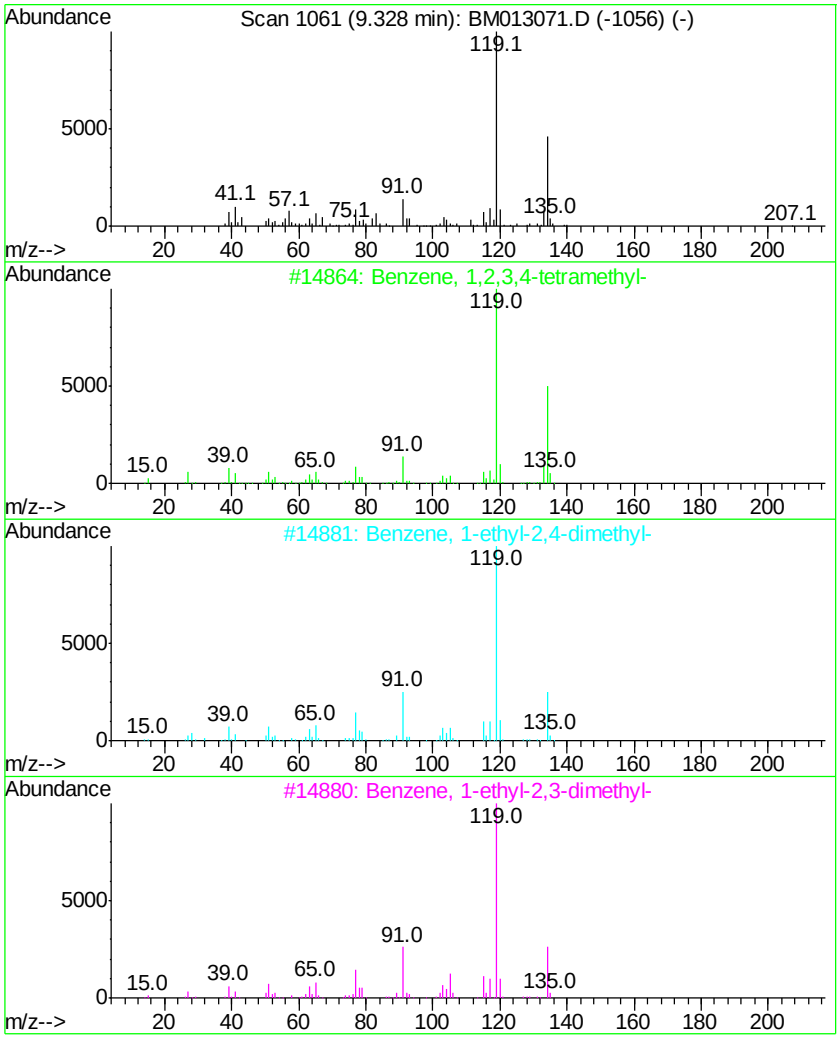
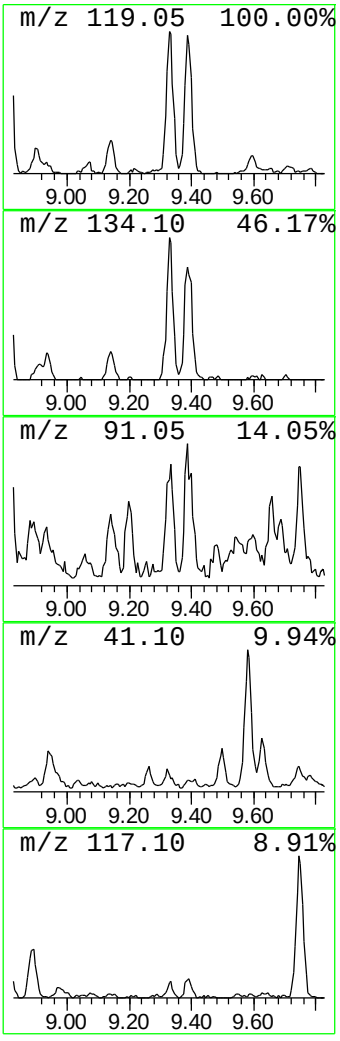
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	2.47 ng/ul	292071	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Instrument : BNA_M
ClientSampleId : BE2W0

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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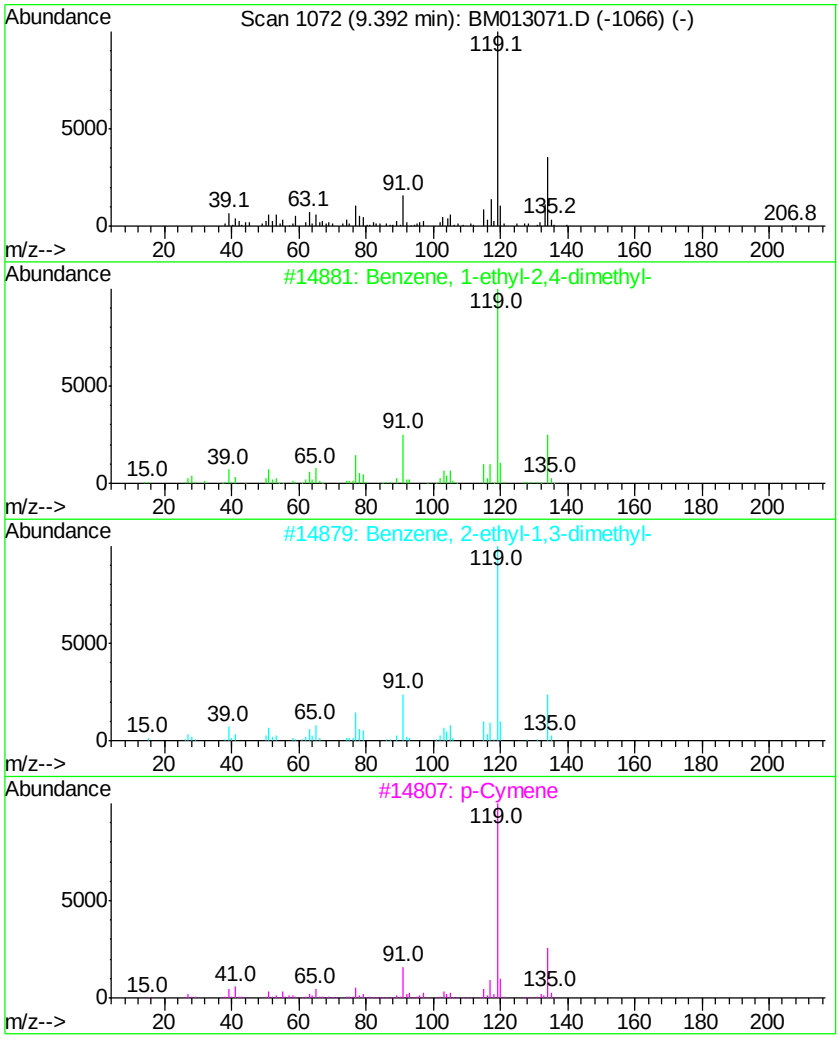
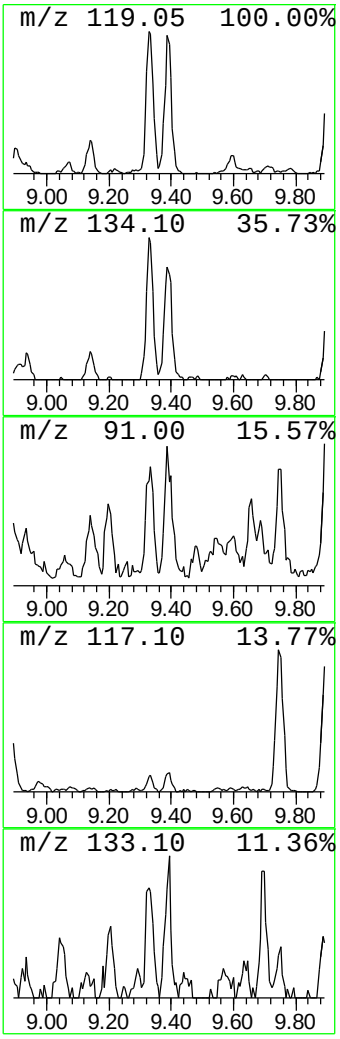
Peak Number 23 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.30 ng/ul	271917	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Data File : BM013071.D
Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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

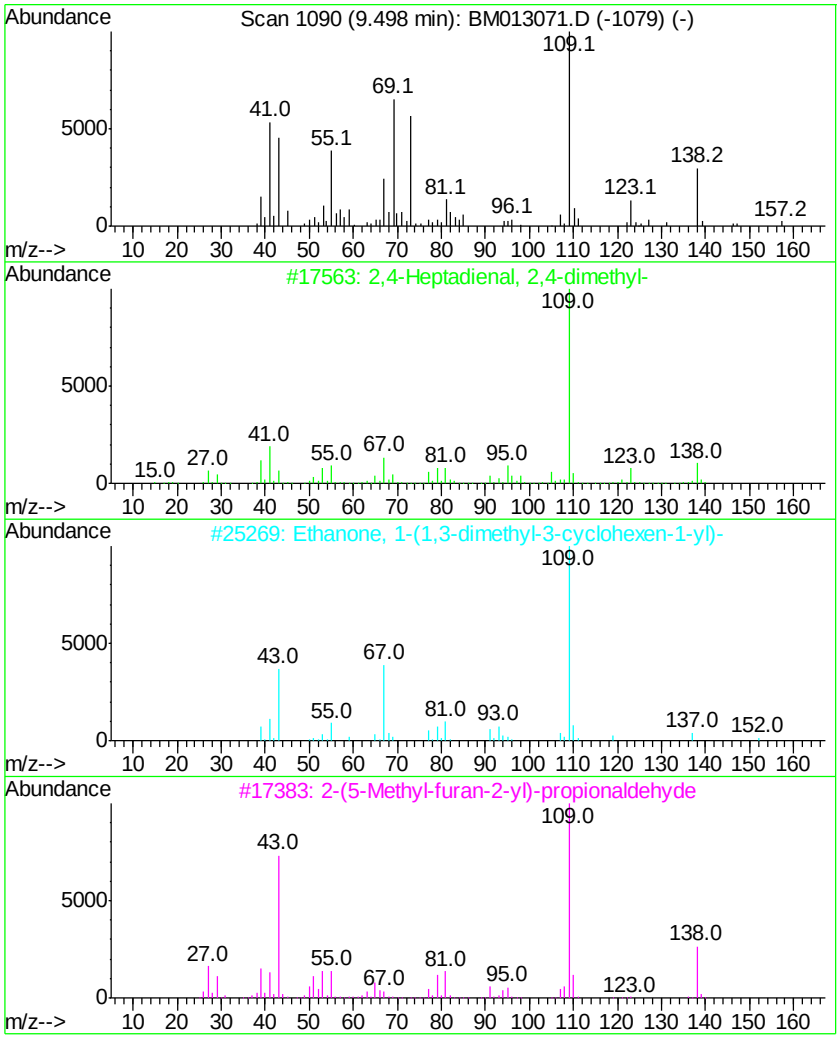
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

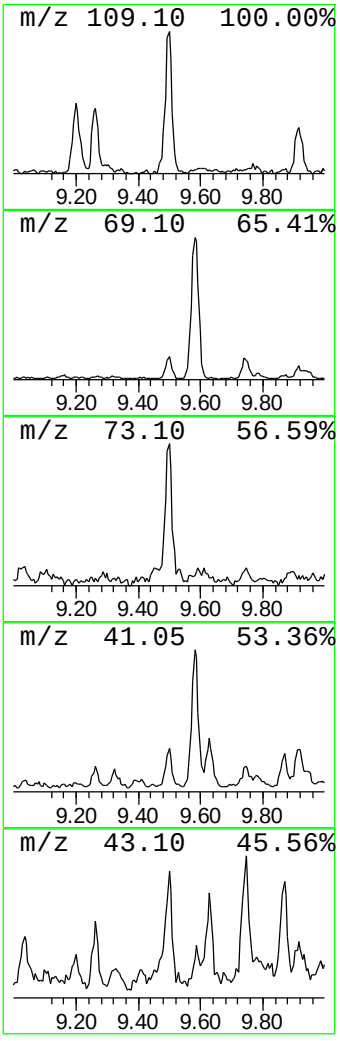
****

Peak Number 24 2,4-Heptadienal, 2,4-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	3.22 ng/ul	381146	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	72
2	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	53
3	2-(5-Methyl-furan-2-yl)-propiona...	138	C8H10O2	1000193-72-3	52
4	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	43
5	2H-Pyrazolo[3,4-c]pyridin-3-amin...	138	C6H10N4	1000362-58-3	40





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Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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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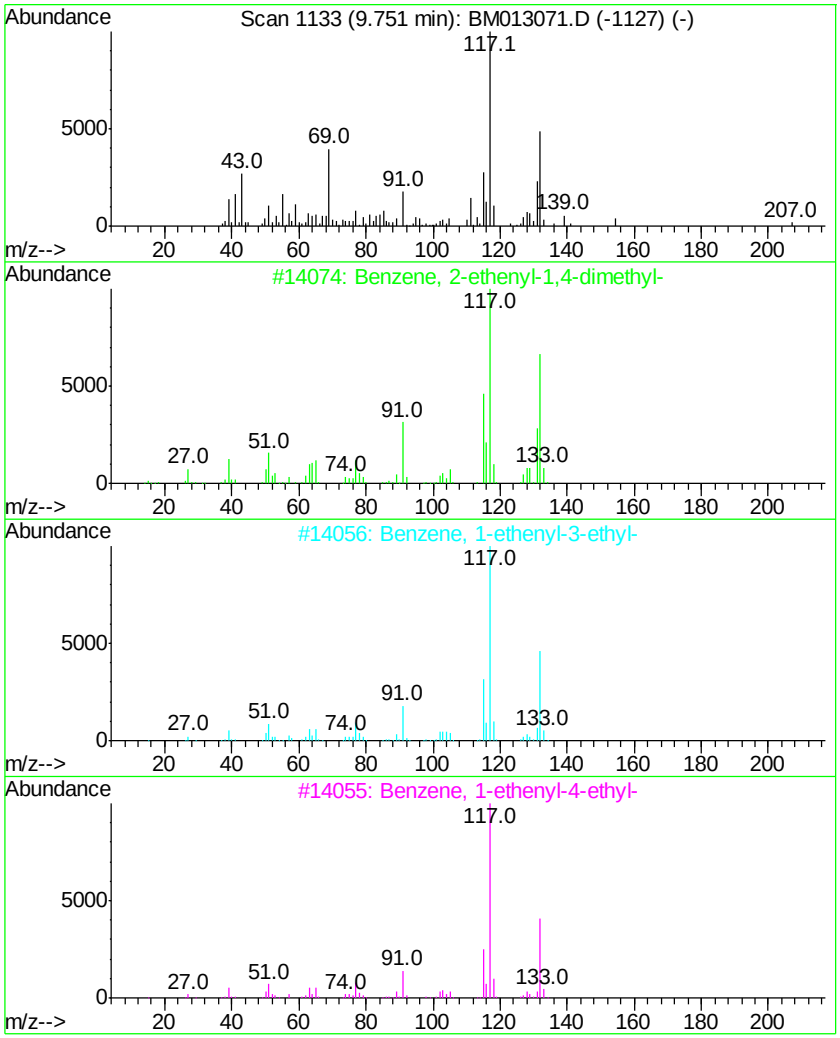
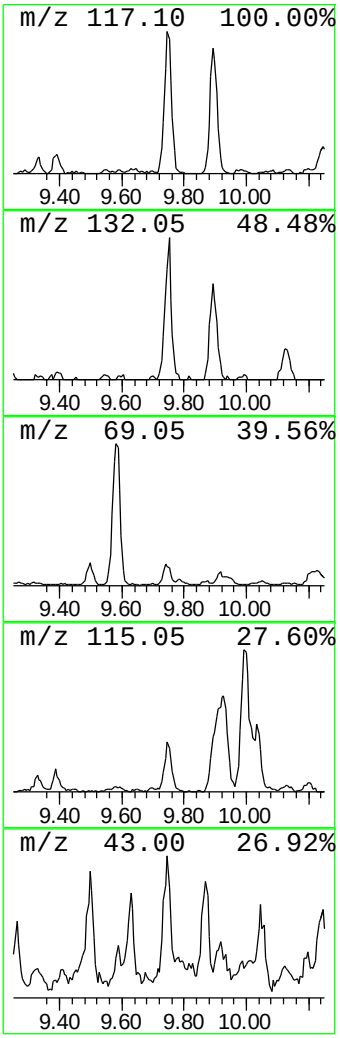
Peak Number 25 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	3.74 ng/ul	442614	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	68





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Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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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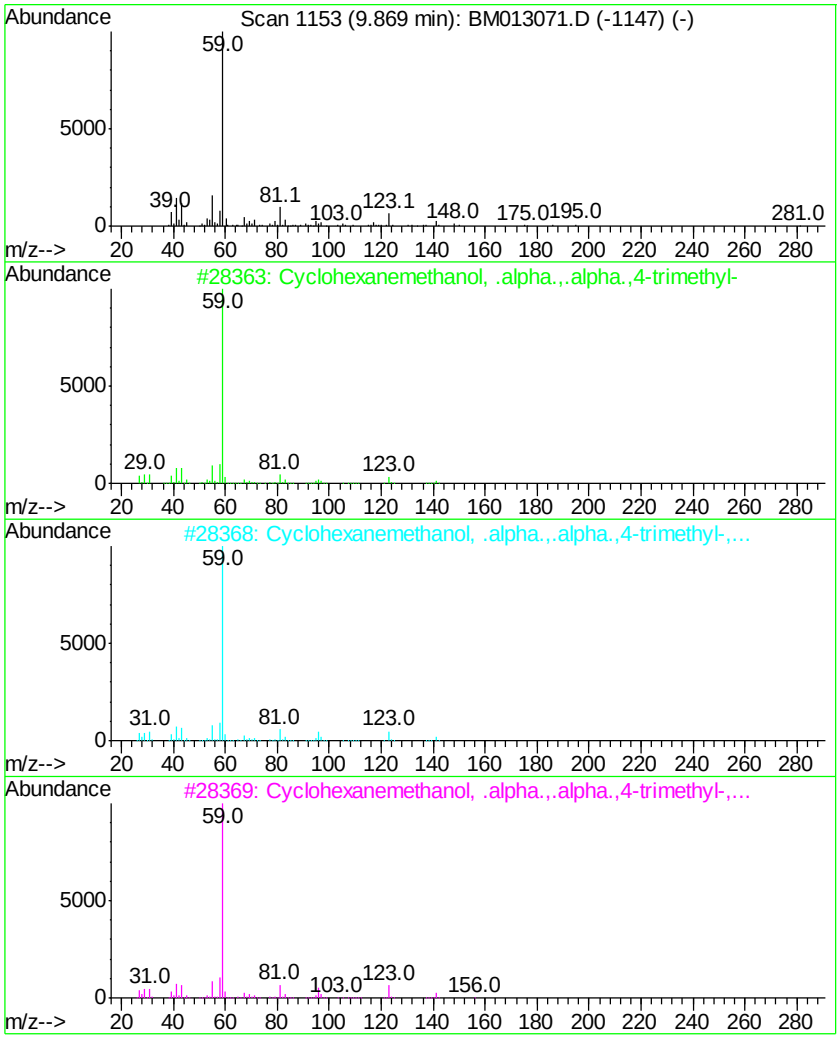
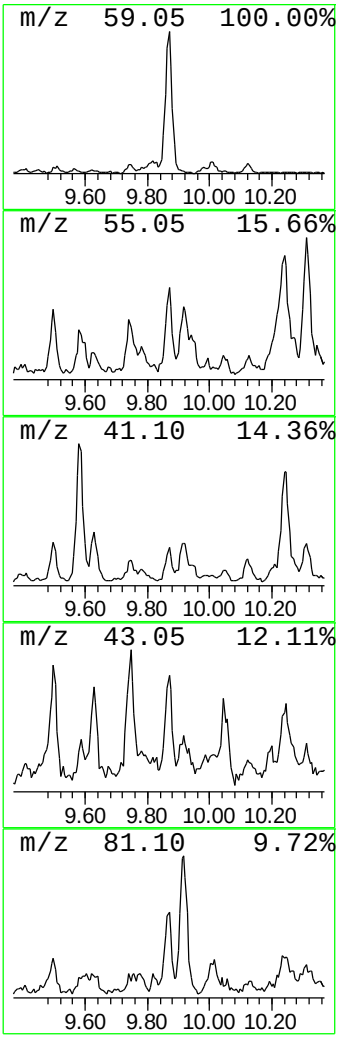
Peak Number 26 Cyclohexanemethanol, .alpha... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.28 ng/ul	388010	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	007322-63-6	78
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	78
4	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	72
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	64





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Data File : BM013071.D
Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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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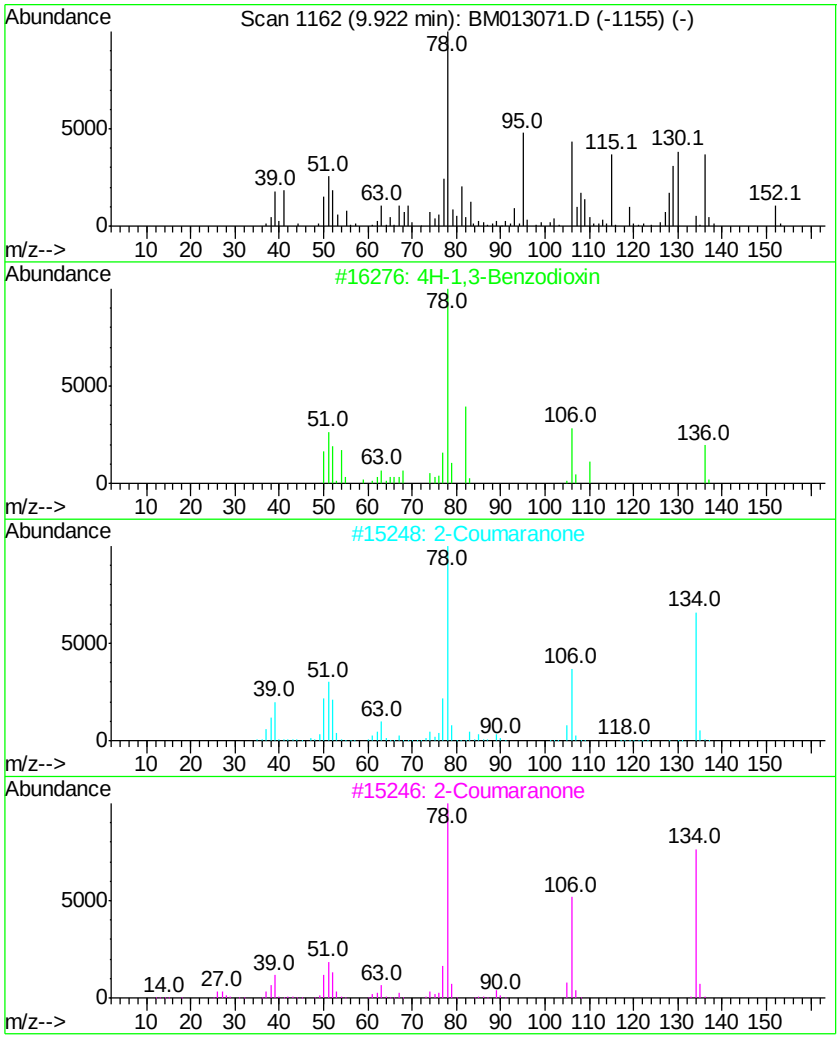
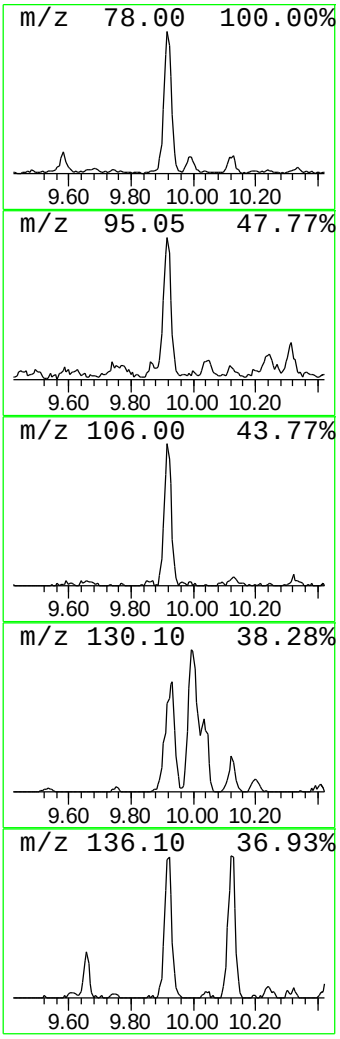
Peak Number 27 4H-1,3-Benzodioxin Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	12.01 ng/ul	1422000	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3-Benzodioxin	136	C8H8O2	000254-27-3	76
2	2-Coumaranone	134	C8H6O2	000553-86-6	64
3	2-Coumaranone	134	C8H6O2	000553-86-6	62
4	Salicyl alcohol	124	C7H8O2	000090-01-7	53
5	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013071.D
Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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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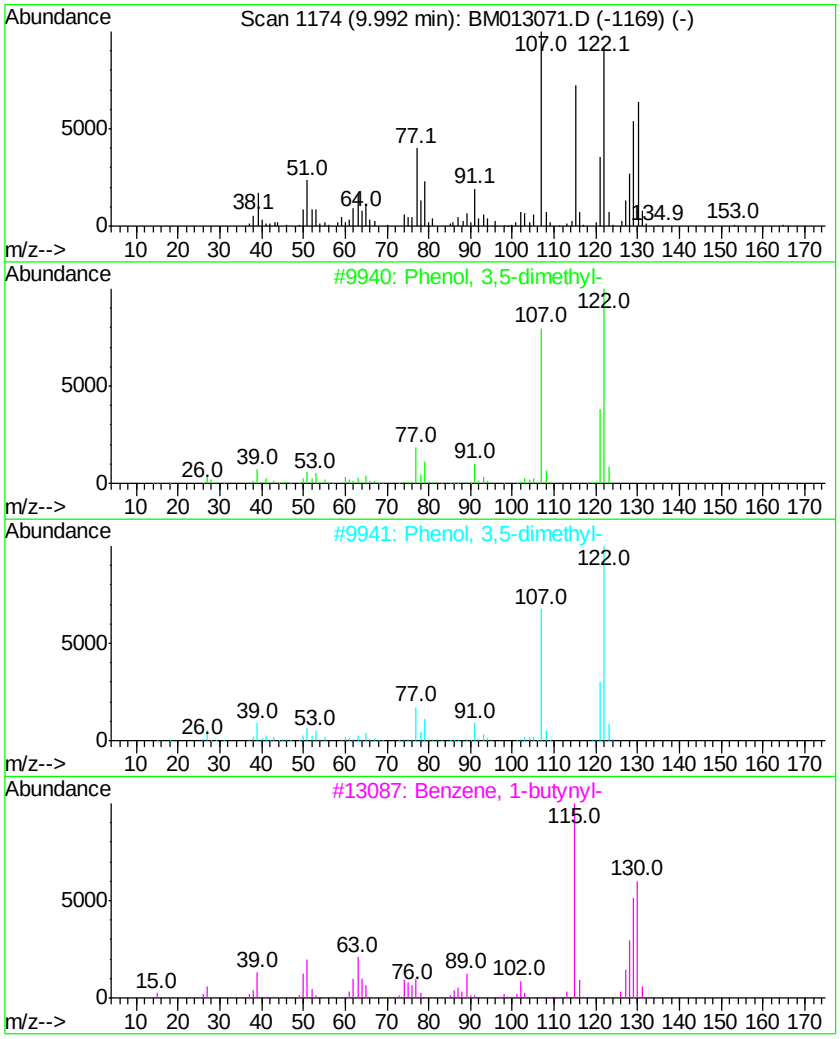
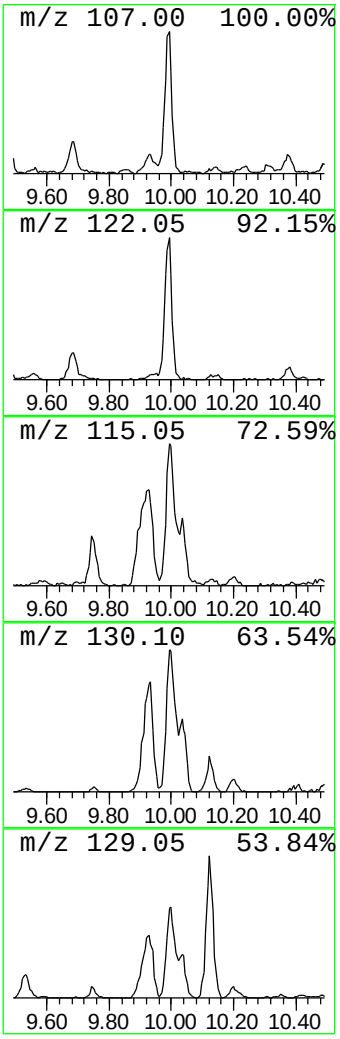
Peak Number 28 Phenol, 3,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	7.01 ng/ul	829886	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	89
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	89
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	84
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	64
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013071.D
Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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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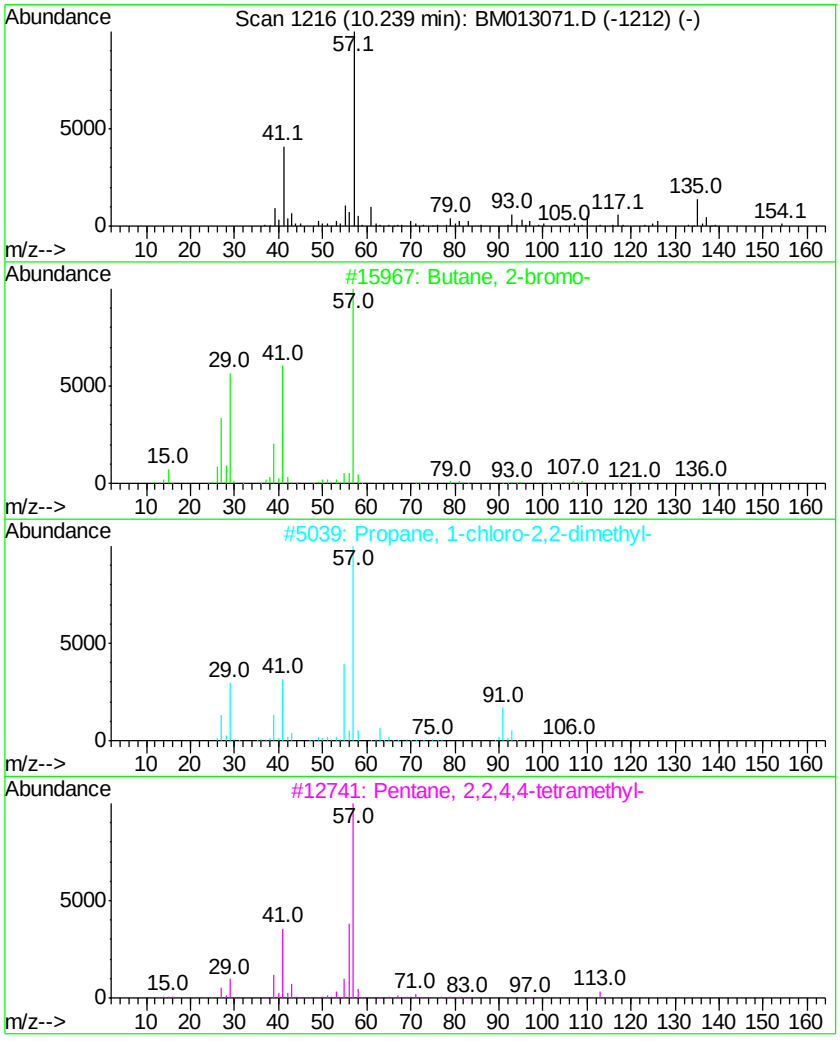
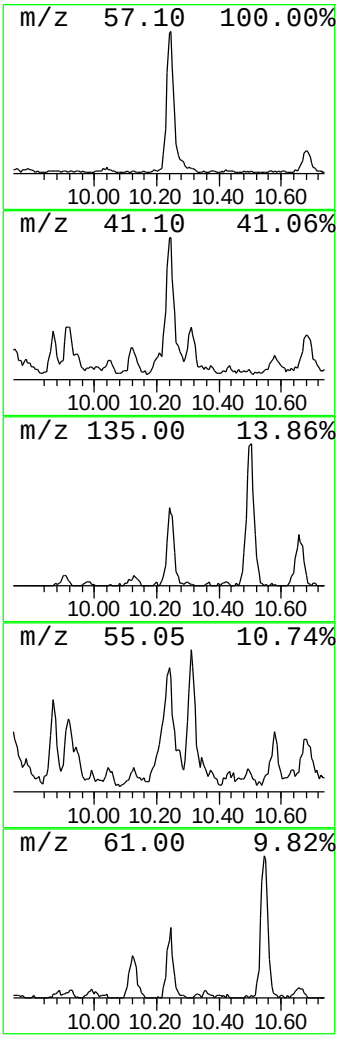
Peak Number 29 unknown-05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	6.77 ng/ul	801531	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-bromo-	136	C4H9Br	000078-76-2	14
2	Propane, 1-chloro-2,2-dimethyl-	106	C5H11Cl	000753-89-9	10
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	10
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10
5	1,5-Hexadien-3-ol	98	C6H10O	000924-41-4	10





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Data File : BM013071.D
Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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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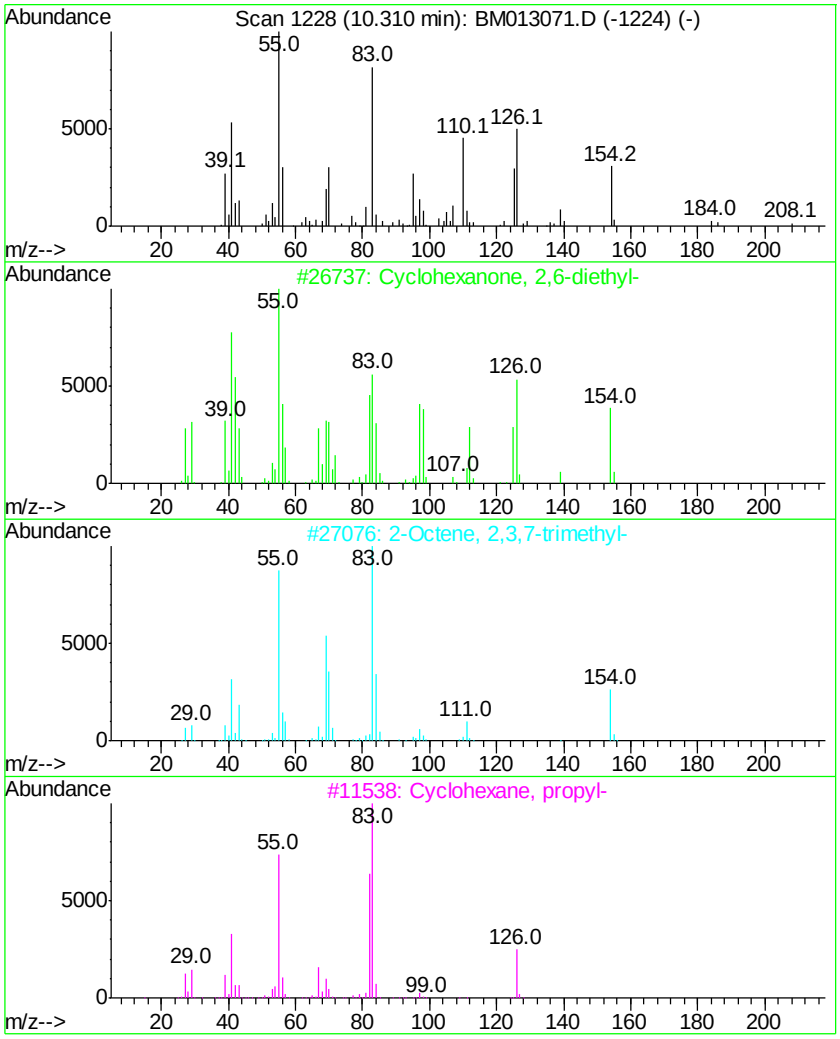
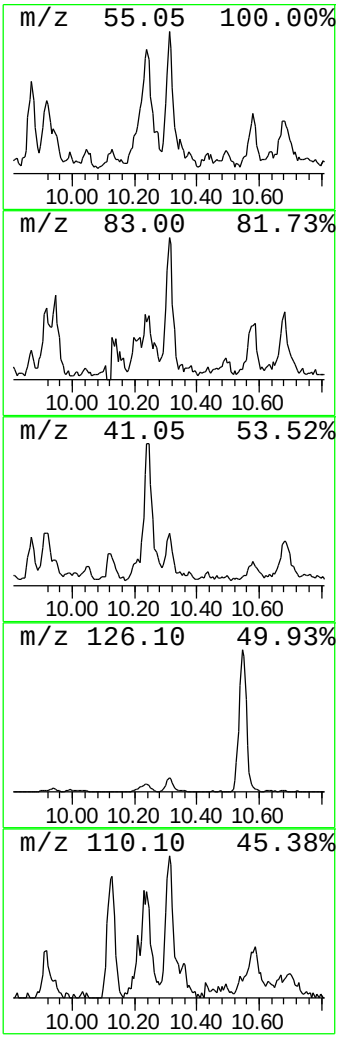
Peak Number 30 unknown-06 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.35 ng/ul	397047	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,6-diethyl-	154	C10H18O	016519-68-9	46
2	2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	43
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	2-Pyrazoline, 1-allyl-	110	C6H10N2	019804-38-7	35
5	1,3-Cyclohexanedione, 2,5,5-trim...	154	C9H14O2	001125-11-7	30





Tentatively Identified Compound (LSC) summary

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Data File : BM013071.D
Acq On : 21 Nov 2017 07:41
Operator : SJ/JU
Sample : I6405-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W0

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
unknown-01	5.46	3.3	ng/ul	304778	1	7.72	1827280	20.0
Benzene, (1-methy...	6.22	9.2	ng/ul	838594	1	7.72	1827280	20.0
3-Heptanone, 5-me...	6.39	8.7	ng/ul	789952	1	7.72	1827280	20.0
Benzene, propyl-	6.70	5.2	ng/ul	478526	1	7.72	1827280	20.0
Acetaldehyde, (3,...	7.42	4.5	ng/ul	413553	1	7.72	1827280	20.0
Cyclohexene, 1-me...	7.63	3.4	ng/ul	311203	1	7.72	1827280	20.0
Benzene, 1,2,3-tr...	7.83	7.0	ng/ul	640820	1	7.72	1827280	20.0
unknown-02	7.92	7.7	ng/ul	701243	1	7.72	1827280	20.0
Benzene, cyclopro...	8.08	30.9	ng/ul	2820650	1	7.72	1827280	20.0
unknown-03	8.26	3.7	ng/ul	334536	1	7.72	1827280	20.0
Benzene, 1,4-diet...	8.35	3.0	ng/ul	272674	1	7.72	1827280	20.0
(DEL) Alkane: Cyc...	8.70	2.9	ng/ul	263408	1	7.72	1827280	20.0
Benzene, 1-ethyl-...	8.81	5.8	ng/ul	526967	1	7.72	1827280	20.0
unknown-04	8.94	9.2	ng/ul	836269	1	7.72	1827280	20.0
Triethyl phosphate	9.20	2.8	ng/ul	331462	2	10.50	2369020	20.0
Benzene, 1,2,3,4-...	9.33	2.5	ng/ul	292071	2	10.50	2369020	20.0
Benzene, 1-ethyl-...	9.39	2.3	ng/ul	271917	2	10.50	2369020	20.0
2,4-Heptadienal, ...	9.50	3.2	ng/ul	381146	2	10.50	2369020	20.0
Benzene, 2-etheny...	9.75	3.7	ng/ul	442614	2	10.50	2369020	20.0
Cyclohexanemethan...	9.87	3.3	ng/ul	388010	2	10.50	2369020	20.0
4H-1,3-Benzodioxin	9.92	12.0	ng/ul	1422000	2	10.50	2369020	20.0
Phenol, 3,5-dimet...	9.99	7.0	ng/ul	829886	2	10.50	2369020	20.0
unknown-05	10.24	6.8	ng/ul	801531	2	10.50	2369020	20.0
unknown-06	10.31	3.4	ng/ul	397047	2	10.50	2369020	20.0