LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023560.D
Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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	3.857	143	148	160	rVB	3973216	5367940	50.17%	2.483%
2	4.957	329	335	344	rVB	4553639	6670505	62.35%	3.085%
3	5.151	363	368	377	rVB	1469318	2118401	19.80%	0.980%
4	5.281	384	390	399	rBV	6438427	10699106	100.00%	4.949%
5	5.363	399	404	412	rVB3	336813	621043	5.80%	0.287%
6	5.646	446	452	457	rBV	1564016	2311372	21.60%	1.069%
7	6.116	526	532	543	rVB	575115	930253	8.69%	0.430%
8	6.298	556	563	571	rVB3	500128	1048559	9.80%	0.485%
9	6.604	609	615	624	rBV	505792	973920	9.10%	0.450%
10	6.757	636	641	643	rVV2	337169	502926	4.70%	0.233%
11	6.792	643	647	652	rVV2	448807	826110	7.72%	0.382%
12	6.951	668	674	679	rBV	1089972	1737556	16.24%	0.804%
13	7.004	679	683	687	rVV	540595	826182	7.72%	0.382%
14	7.145	701	707	713	rVV	1415804	2238049	20.92%	1.035%
15	7.263	722	727	733	rVB	979299	1458233	13.63%	0.674%
16	7.328	733	738	744	rBV	993216	1456778	13.62%	0.674%
17	7.604	778	785	790	rBV	1569252	2807236	26.24%	1.298%
18	7.722	801	805	817	rVB2	381984	703965	6.58%	0.326%
19	7.822	817	822	831	rVB	1002001	1466743	13.71%	0.678%
20	7.975	841	848	855	rVB2	564259	1145488	10.71%	0.530%
21	8.169	875	881	887	rVB2	332604	529362	4.95%	0.245%
22	8.251	887	895	900	rBV3	314477	601299	5.62%	0.278%
23	8.316	900	906	914	rVB	1129137	1941801	18.15%	0.898%
24	8.710	967	973	977	rBV	760297	1257788	11.76%	0.582%
25	8.757	977	981	987	rVV	1408040	2393184	22.37%	1.107%
26	8.845	991	996	1007	rVB4	423019	921104	8.61%	0.426%
27	8.939	1007	1012	1022	rBV	933557	1650378	15.43%	0.763%
28	9.110	1035	1041	1047	rBV	949378	1480249	13.84%	0.685%
29	9.228	1056	1061	1067	rVB	499277	792464	7.41%	0.367%
30	9.292	1067	1072	1079	rVB	373300	603000	5.64%	0.279%
31	9.404	1084	1091	1097	rBV2	378942	728415	6.81%	0.337%
32	9.475	1097	1103	1108	rVV	1128768	1862791	17.41%	0.862%
33	9.528	1108	1112	1118	rVV	1044198	1581460	14.78%	0.731%
34	9.769	1146	1153	1157	rBV	1193996	2135873	19.96%	0.988%

LSC Area Percent Report

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Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

35	9.804	1157	1159	1167	rVV3	579459	933701	8.73%	0.432%
36	9.881	1167	1172	1178	rVV3	286980	513121	4.80%	0.237%
37	10.016	1187	1195	1203	rBV	1946555	3325510	31.08%	1.538%
38	10.139	1211	1216	1224	rVV	810000	1701707	15.91%	0.787%
39	10.386	1250	1258	1263	rVV	2062763	3617717	33.81%	1.673%
40	11.475	1438	1443	1448	rVV	503770	836407	7.82%	0.387%
41	11.539	1448	1454	1459	rVV4	285392	602708	5.63%	0.279%
42	11.745	1480	1489	1496	rBV3	1045323	2267028	21.19%	1.049%
43	11.980	1524	1529	1540	rVB2	376574	748841	7.00%	0.346%
44	12.739	1653	1658	1665	rBV2	353643	535481	5.00%	0.248%
45	12.827	1665	1673	1682	rBV2	633867	1459233	13.64%	0.675%
46	12.910	1682	1687	1696	rVV	1041848	1758085	16.43%	0.813%
47	13.674	1807	1817	1822	rBV	3664647	5623369	52.56%	2.601%
48	13.721	1822	1825	1827	rVV	565008	684101	6.39%	0.316%
49	13.780	1827	1835	1840	rVB	4583811	8944850	83.60%	4.137%
50	13.945	1858	1863	1872	rVB	4116797	6240226	58.32%	2.886%
51	14.033	1872	1878	1883	rBV2	487312	861620	8.05%	0.399%
52	14.257	1910	1916	1921	rBV	3503217	5218391	48.77%	2.414%
53	14.310	1921	1925	1931	rVB5	419429	766519	7.16%	0.355%
54	14.480	1949	1954	1964	rVV3	457032	914020	8.54%	0.423%
55	14.663	1979	1985	1991	rVV3	622445	1135491	10.61%	0.525%
56	14.727	1991	1996	2001	rVV	710277	1008093	9.42%	0.466%
57	14.874	2016	2021	2029	rBV	384377	643891	6.02%	0.298%
58	15.168	2065	2071	2077	rBV2	376528	566538	5.30%	0.262%
59	15.257	2080	2086	2098	rVB2	5071706	10230163	95.62%	4.732%
60	15.380	2098	2107	2114	rBV2	1461638	2529231	23.64%	1.170%
61	15.515	2124	2130	2134	rBV3	358590	600521	5.61%	0.278%
62	15.563	2134	2138	2151	rVB8	237619	662174	6.19%	0.306%
63	15.774	2168	2174	2186	rBV4	1243079	3420976	31.97%	1.582%
64	15.898	2191	2195	2198	rVV2	334937	507920	4.75%	0.235%
65	15.945	2198	2203	2209	rVV2	1405291	2455095	22.95%	1.136%
66	16.010	2209	2214	2228	rVB3	598678	1348799	12.61%	0.624%
67	16.486	2290	2295	2299	rVV	1088856	1473191	13.77%	0.681%
68	16.539	2299	2304	2312	rVB3	444358	762219	7.12%	0.353%
69	16.698	2325	2331	2339	rBV2	584549	975426	9.12%	0.451%
70	17.004	2376	2383	2388	rBV	3837110	5547580	51.85%	2.566%
71	17.104	2394	2400	2408	rVB	5824515	7953713	74.34%	3.679%

LSC Area Percent Report

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Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

72	17.192	2410	2415	2420	rBV2	843906	1138073	10.64%	0.526%
73	17.357	2438	2443	2447	rBV2	475040	764167	7.14%	0.353%
74	17.556	2472	2477	2481	rVV	428556	616956	5.77%	0.285%
75	17.627	2485	2489	2493	rVB	523630	683923	6.39%	0.316%
76	17.692	2494	2500	2505	rBV	755026	1135908	10.62%	0.525%
77	17.927	2535	2540	2544	rBV2	619924	866631	8.10%	0.401%
78	17.974	2544	2548	2556	rVB2	331904	535508	5.01%	0.248%
79	18.051	2556	2561	2565	rBV	586364	839982	7.85%	0.389%
80	18.151	2573	2578	2581	rBV2	504902	834703	7.80%	0.386%
81	18.198	2581	2586	2592	rVV	914744	1516132	14.17%	0.701%
82	18.909	2703	2707	2711	rVV	437701	584300	5.46%	0.270%
83	19.139	2742	2746	2752	rVB3	633054	1085944	10.15%	0.502%
84	19.403	2786	2791	2797	rVB	7139989	9260249	86.55%	4.283%
85	19.468	2797	2802	2812	rVB	4094489	5378485	50.27%	2.488%
86	19.662	2832	2835	2839	rVV3	570736	780823	7.30%	0.361%
87	19.709	2839	2843	2855	rVB	416265	771688	7.21%	0.357%
88	19.821	2856	2862	2866	rBV2	705359	1178051	11.01%	0.545%
89	19.862	2866	2869	2874	rVB2	521324	660025	6.17%	0.305%
90	19.915	2875	2878	2887	rVB5	361399	649421	6.07%	0.300%
91	20.074	2901	2905	2913	rBV	1160229	1772733	16.57%	0.820%
92	20.150	2914	2918	2923	rVB	987667	1263746	11.81%	0.585%
93	20.462	2968	2971	2975	rBV	596746	769065	7.19%	0.356%
94	20.550	2982	2986	3001	rVB	1268379	2483588	23.21%	1.149%
95	20.945	3050	3053	3057	rBV	441875	519512	4.86%	0.240%
96	21.121	3080	3083	3087	rBV	473284	524390	4.90%	0.243%
97	21.203	3092	3097	3102	rVV	4789552	6104044	57.05%	2.823%
98	21.327	3114	3118	3125	rBV	2630282	3385949	31.65%	1.566%
99	23.256	3439	3446	3452	rBV	5566697	9826946	91.85%	4.545%
100	23.391	3463	3469	3479	rVB	3651652	6505658	60.81%	3.009%

Sum of corrected areas: 216199789

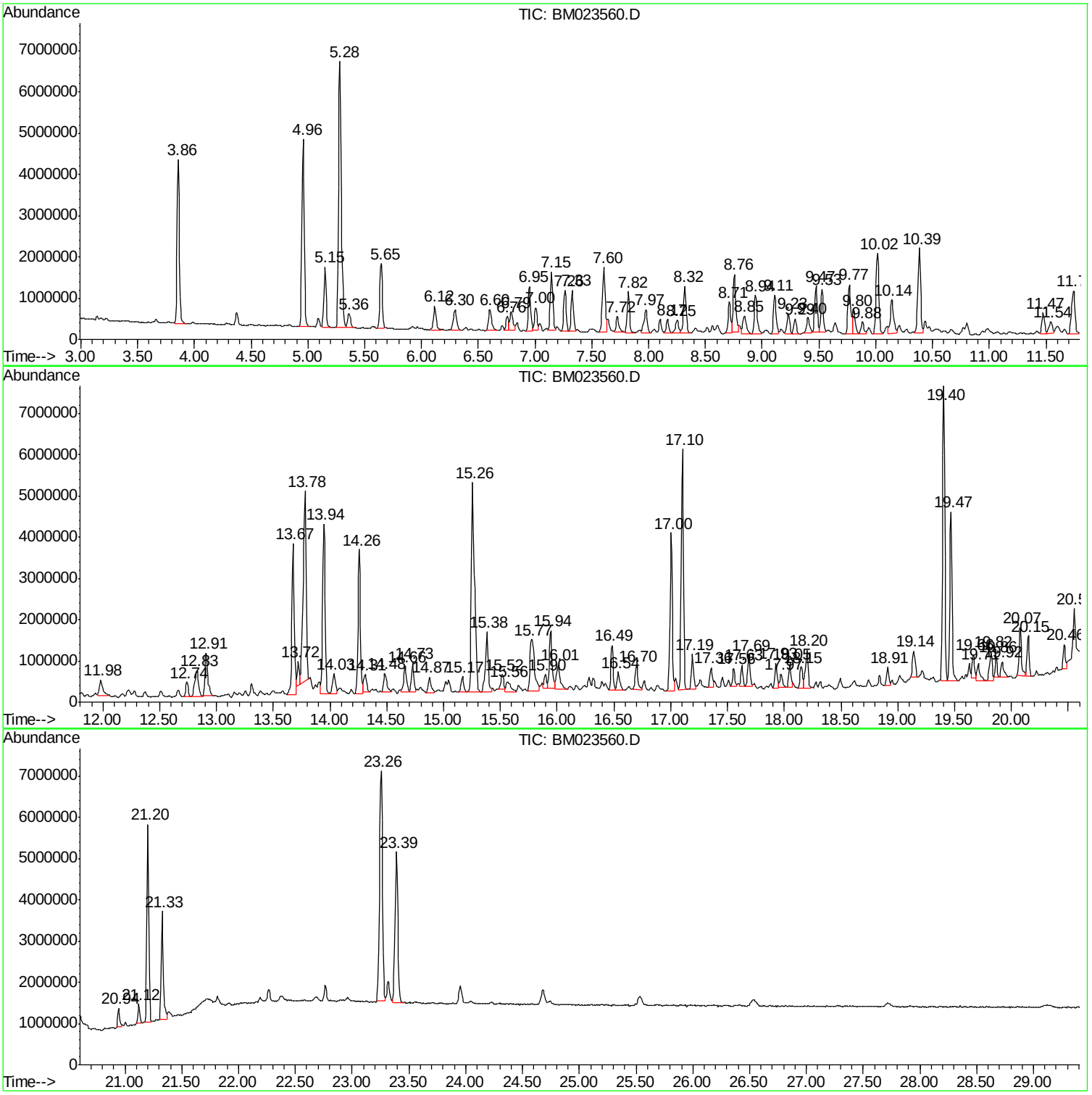
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023560.D
Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023560.D
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Instrument : BNA_M
ClientSampleId : BEJM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

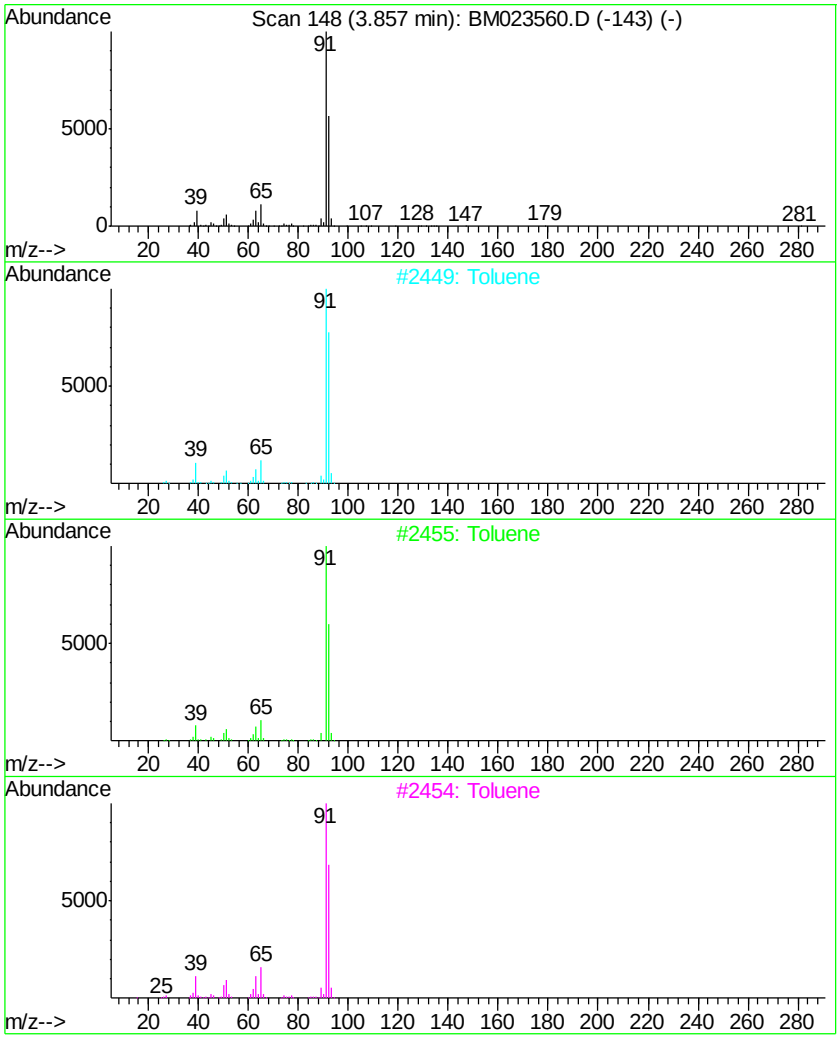
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

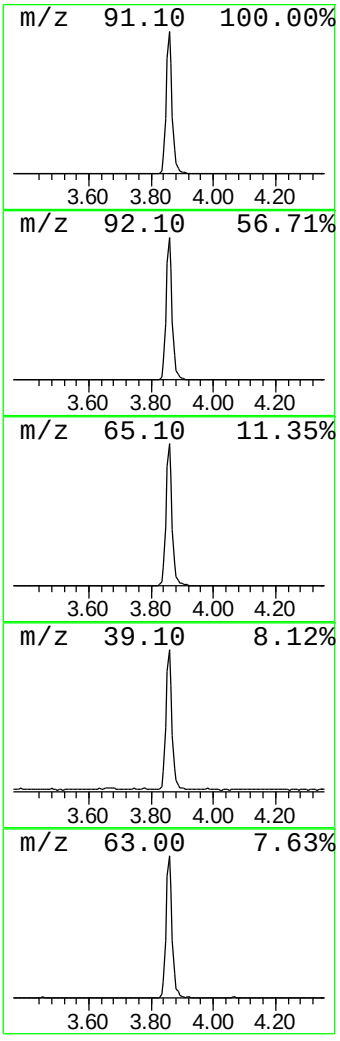
****

Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	38.24 ng/ul	5367940	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	93
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023560.D
Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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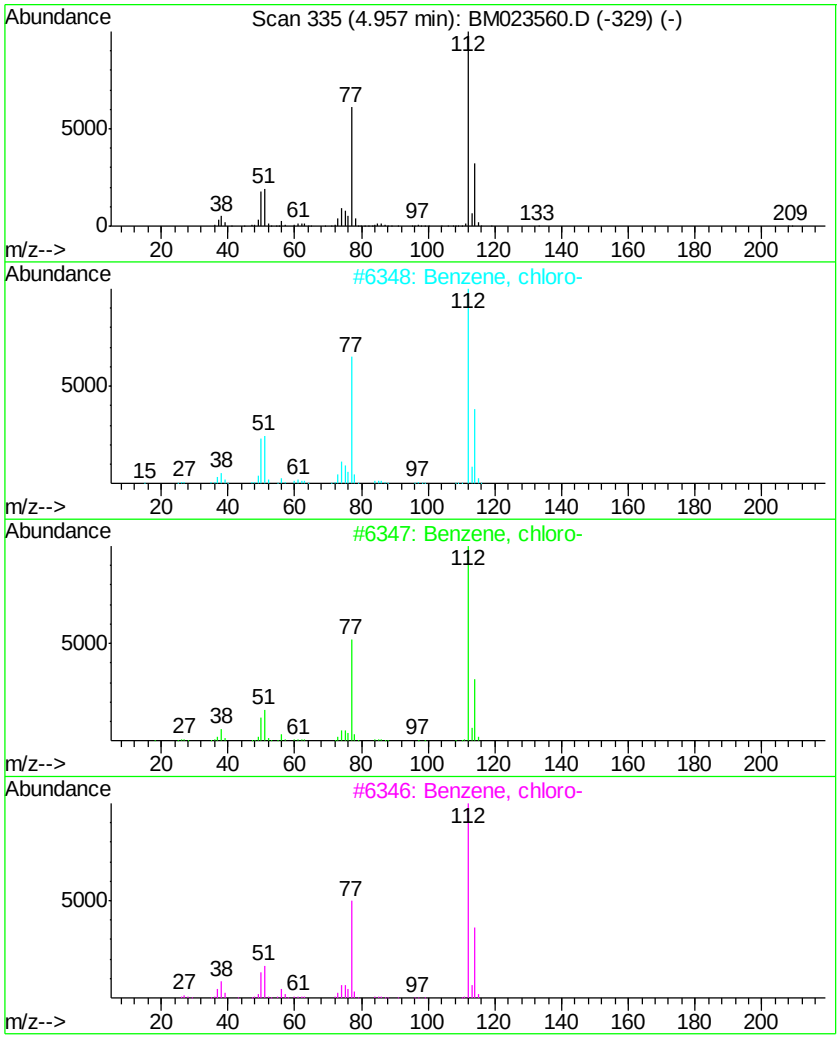
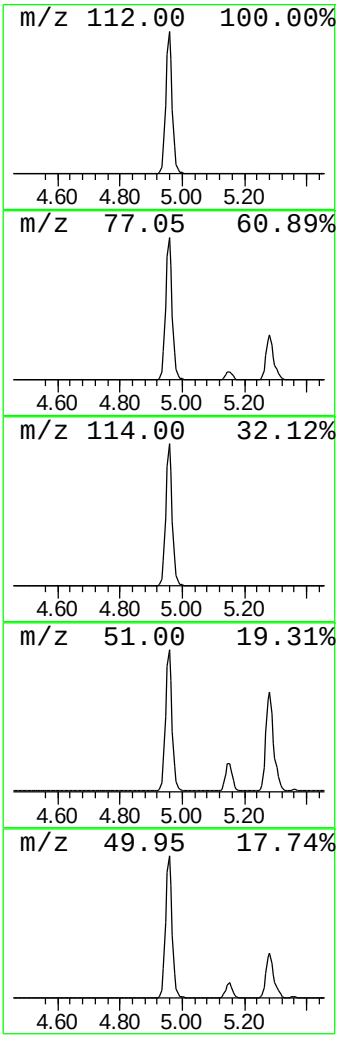
Peak Number 2 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	47.52 ng/ul	6670510	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17





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Misc :
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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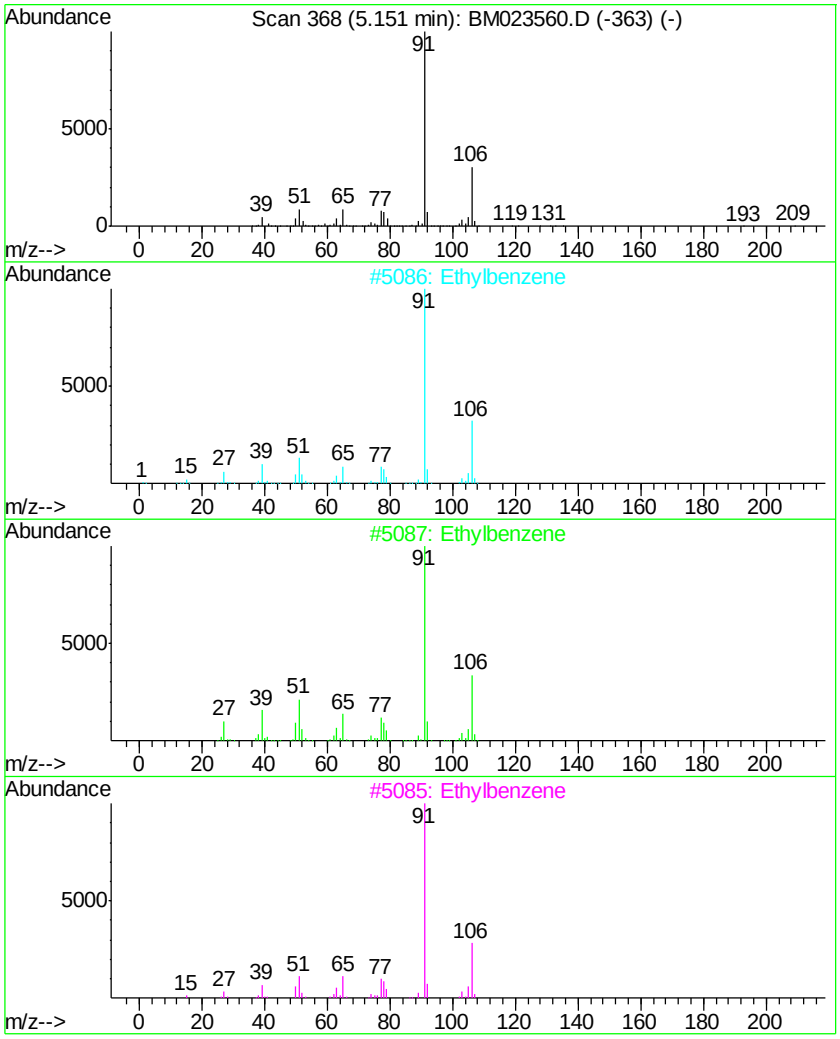
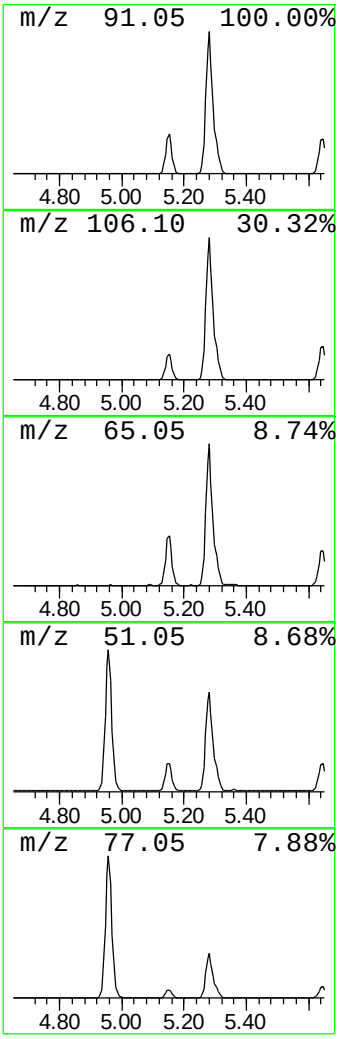
Peak Number 3 Ethylbenzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	15.09 ng/ul	2118400	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	93
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	p-Xylene	106	C8H10	000106-42-3	80





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Data File : BM023560.D
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Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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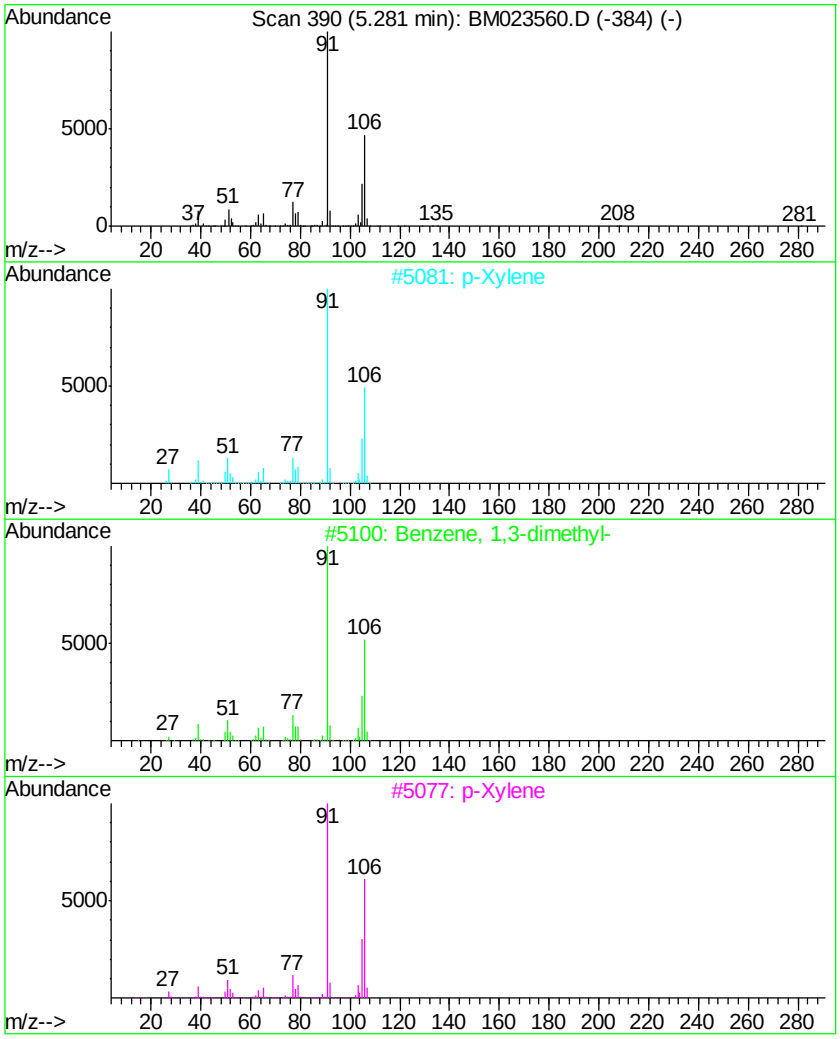
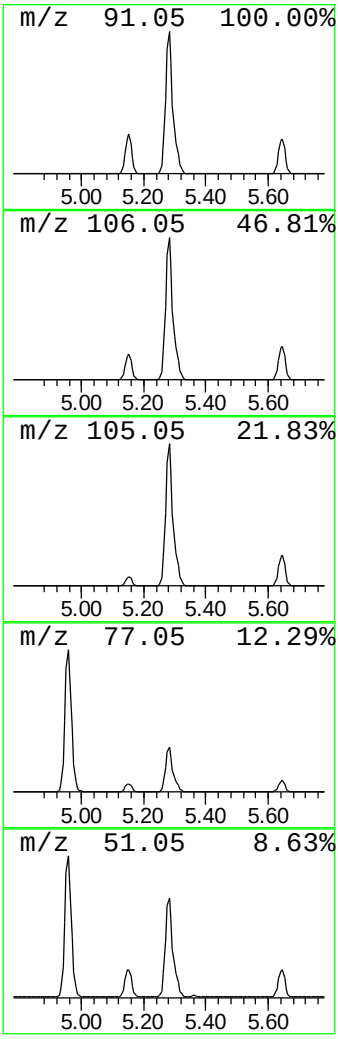
Peak Number 4 p-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	76.23 ng/ul	10699100	1,4-Dichlorobenzene-d4	7.60

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023560.D
Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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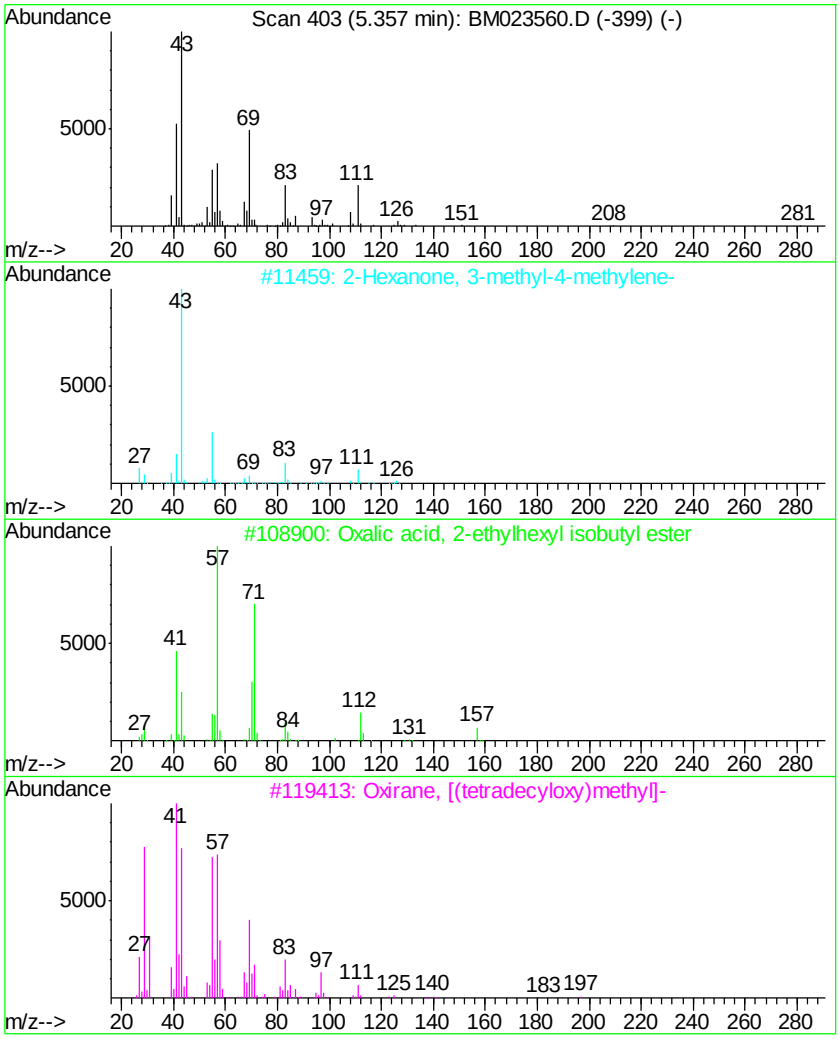
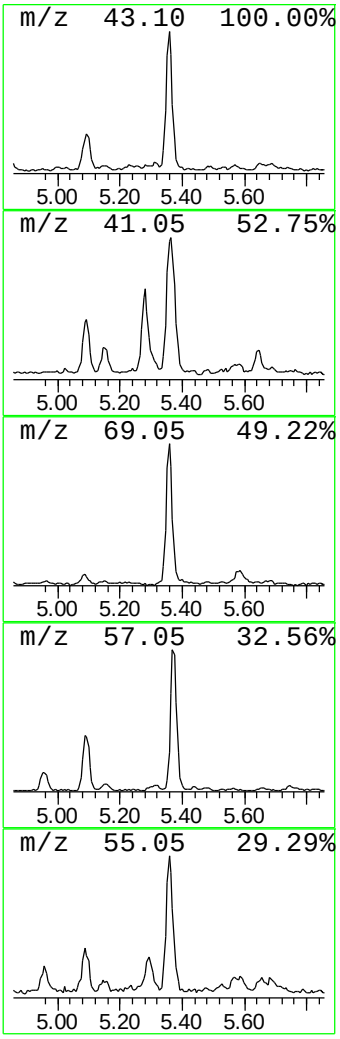
Peak Number 5 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	4.42 ng/ul	621043	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-methyl-4-methylene-	126	C8H14O	020690-71-5	27
2	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1000309-38-5	23
3	Oxirane, [(tetradecyloxy)methyl]-	270	C17H34O2	038954-75-5	23
4	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	16
5	2-Penten-1-ol, (Z)-	86	C5H10O	001576-95-0	16





Library Search Compound Report

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Sample : K5511-07
Misc :
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Instrument : BNA_M
ClientSampleId : BEJM2

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Quant Title : SVOA CALIBRATION

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

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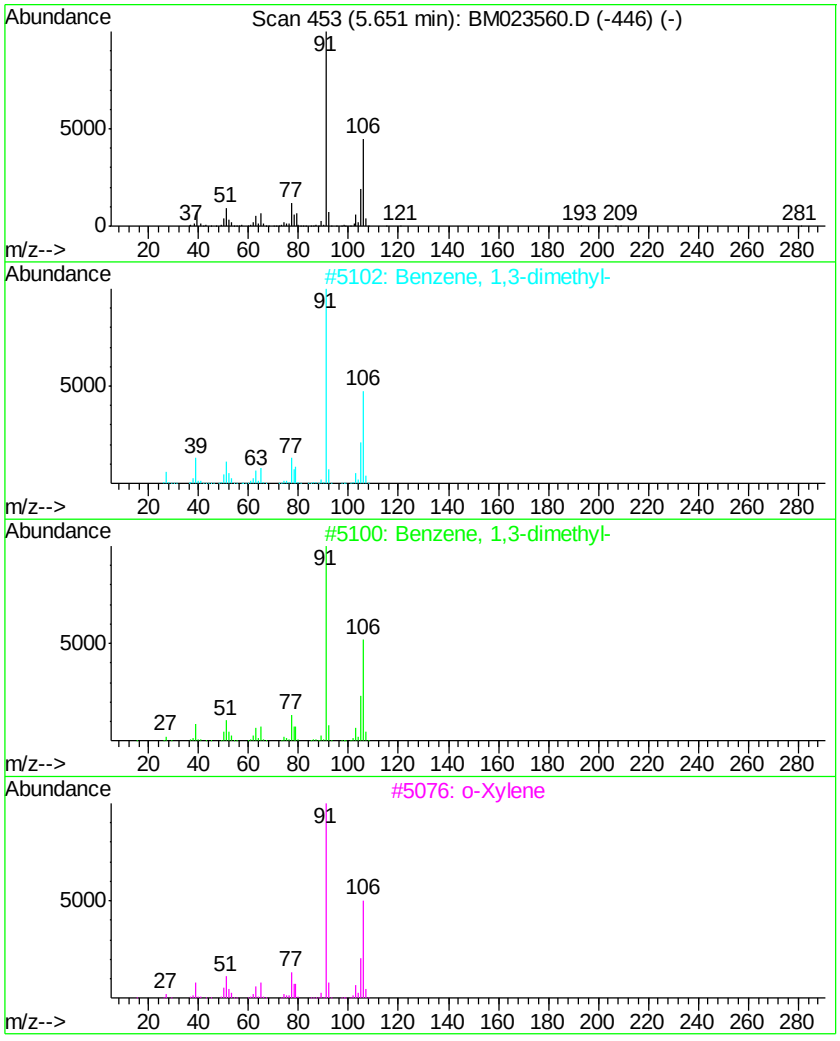
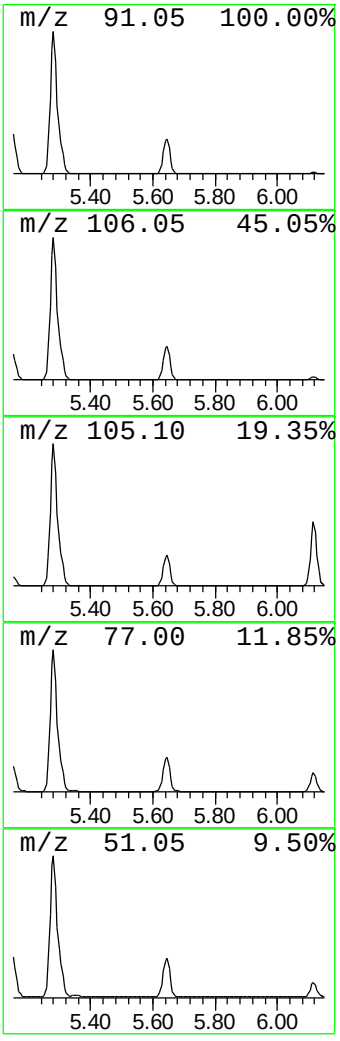
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	16.47 ng/ul	2311370	1,4-Dichlorobenzene-d4	7.60

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	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





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Quant Title : SVOA CALIBRATION

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

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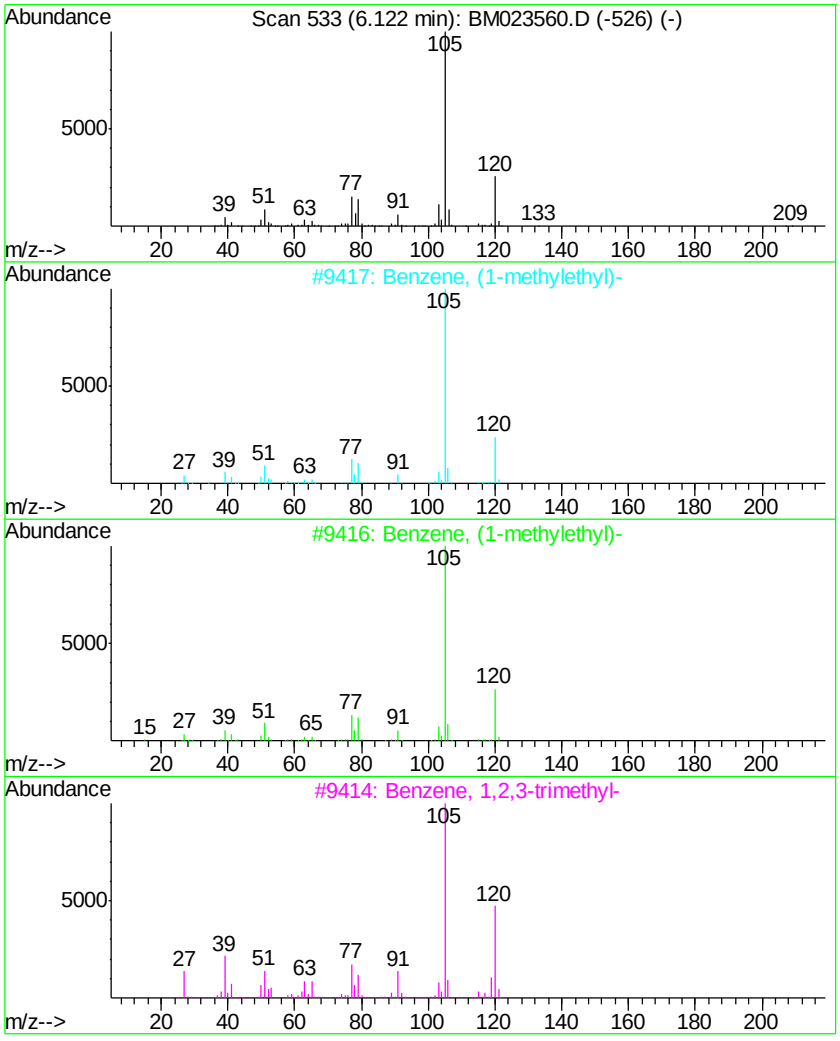
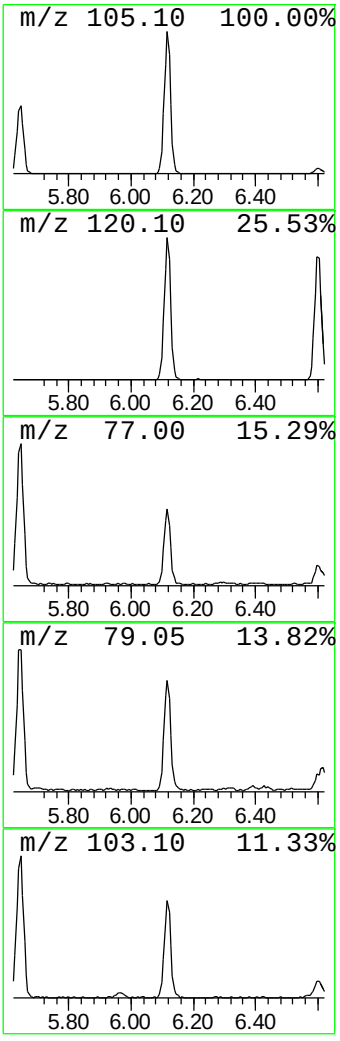
Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	6.63 ng/ul	930253	1,4-Dichlorobenzene-d4	7.60

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





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Instrument : BNA_M
ClientSampleId : BEJM2

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Quant Title : SVOA CALIBRATION

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

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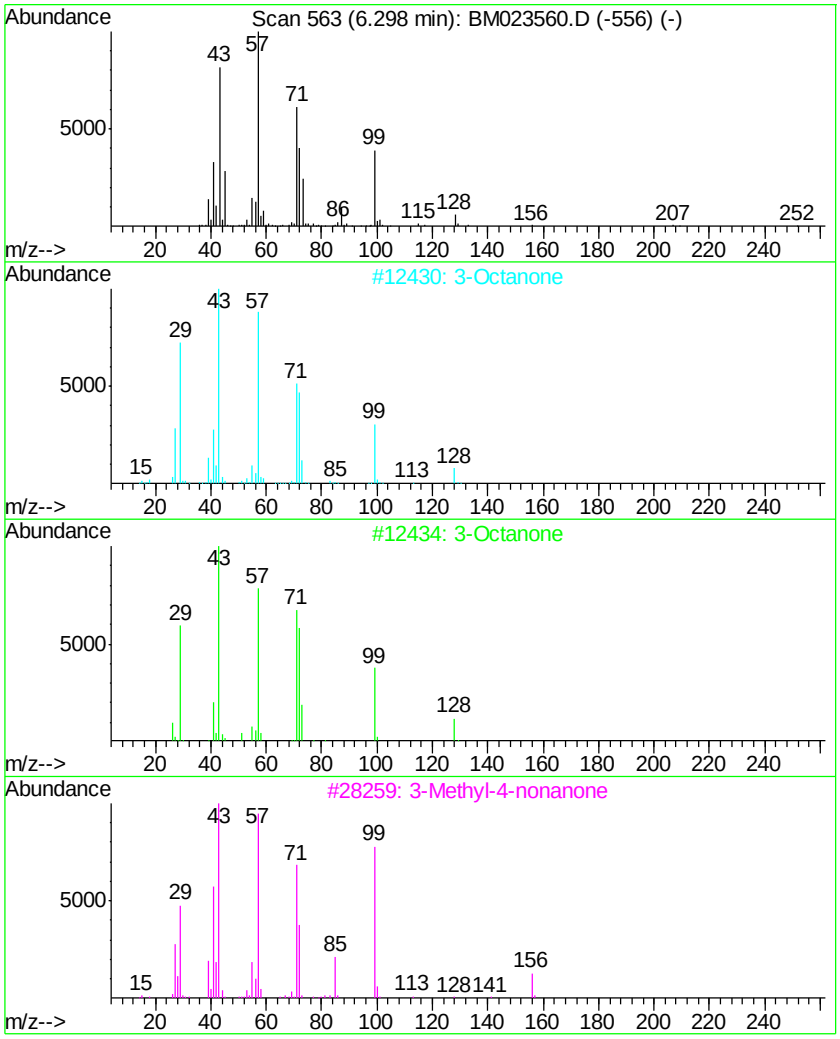
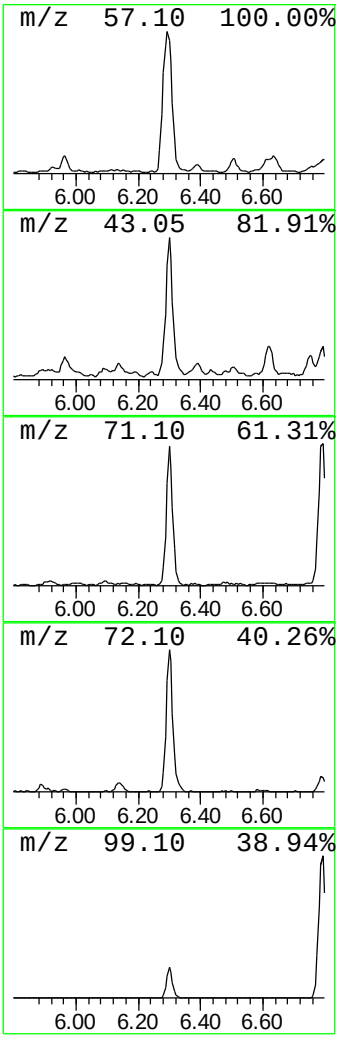
Peak Number 8 3-Octanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	7.47 ng/ul	1048560	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	52
2	3-Octanone	128	C8H16O	000106-68-3	47
3	3-Methyl-4-nonanone	156	C10H20O	035778-39-3	43
4	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	43
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	35





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Quant Title : SVOA CALIBRATION

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

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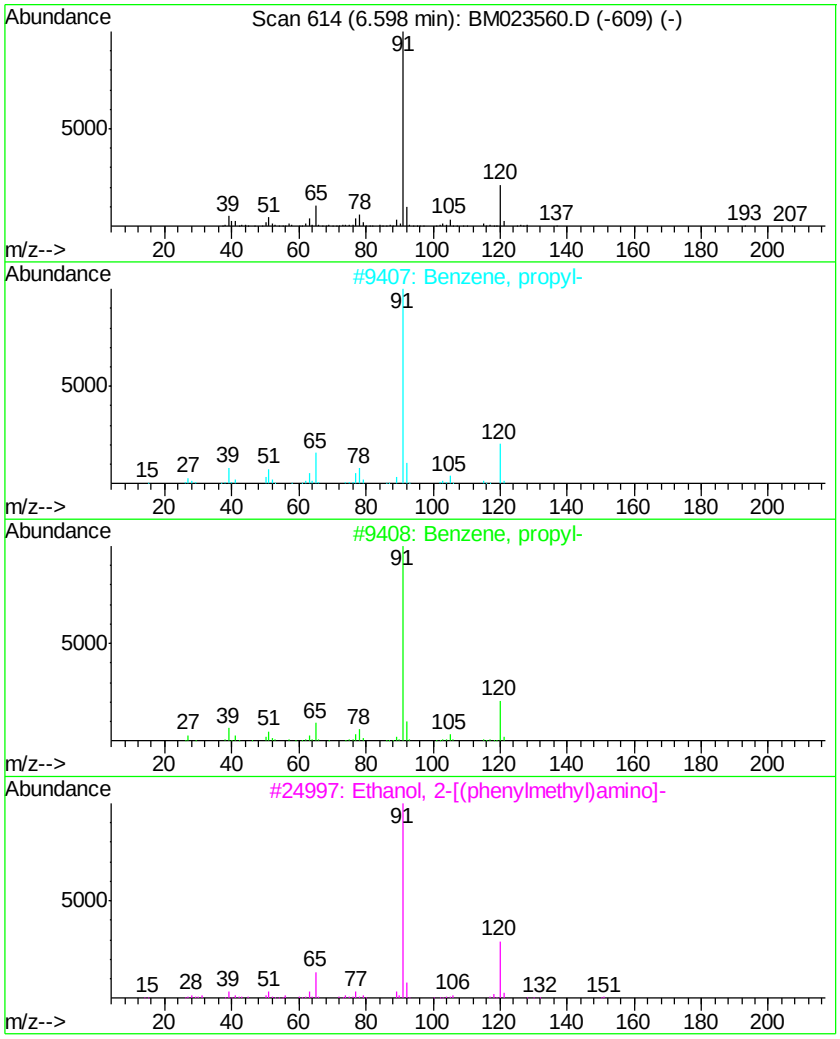
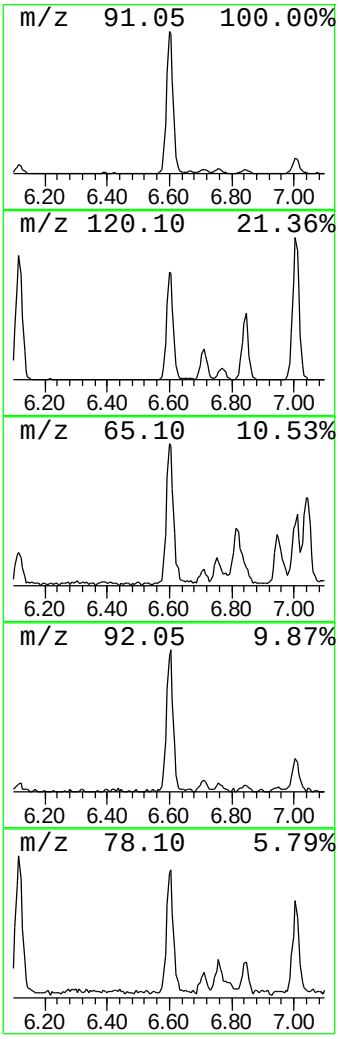
Peak Number 9 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	6.94 ng/ul	973920	1,4-Dichlorobenzene-d4	7.60

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	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
4	Benzene, propyl-	120	C9H12	000103-65-1	74
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	72





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Quant Title : SVOA CALIBRATION

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

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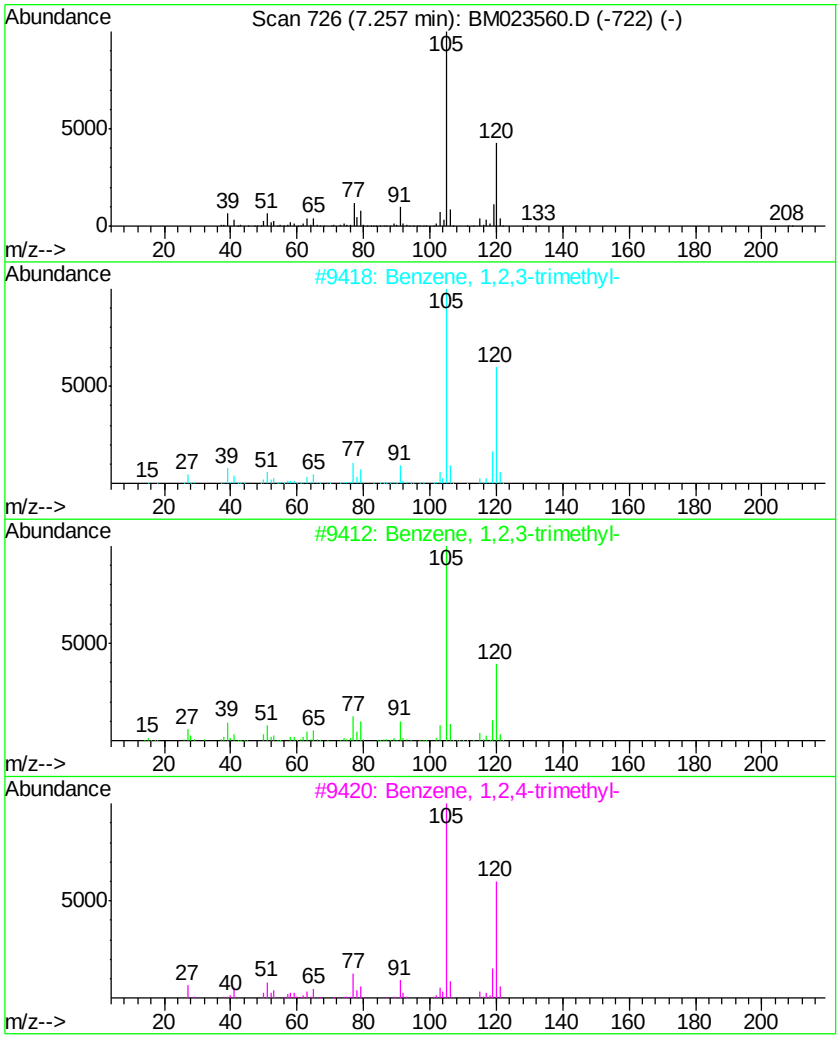
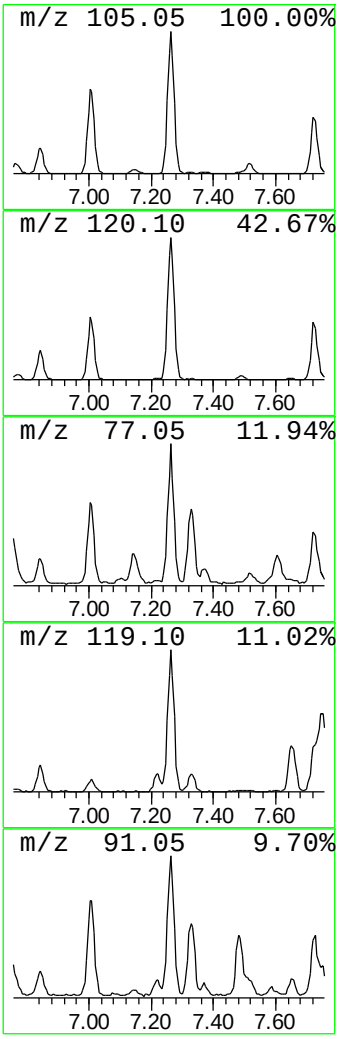
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	10.39 ng/ul	1458230	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Quant Title : SVOA CALIBRATION

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

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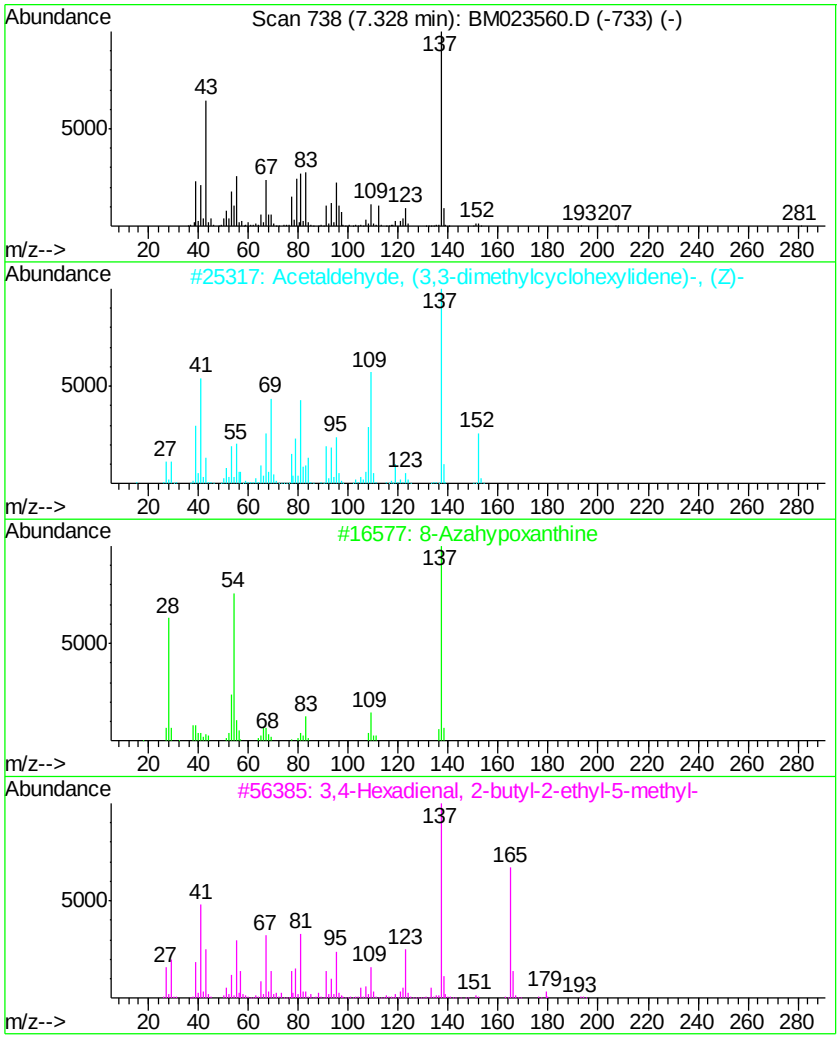
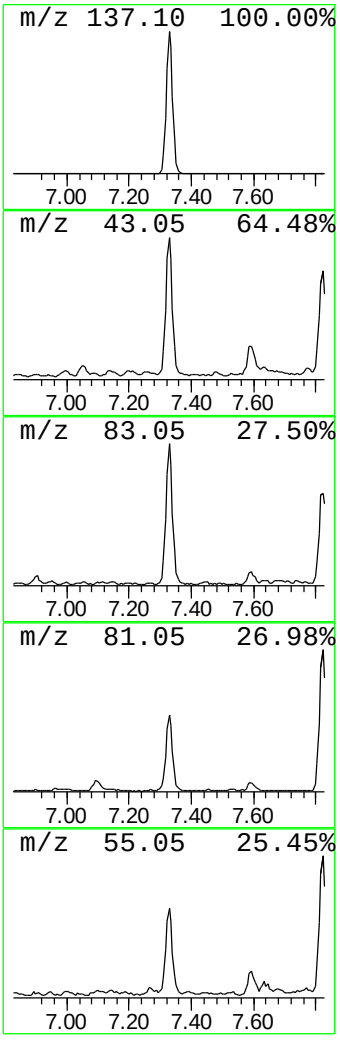
Peak Number 11 Acetaldehyde, (3,3-dimethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	10.38 ng/ul	1456780	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	64
2	8-Azahypoxanthine	137	C4H3N5O	002683-90-1	43
3	3,4-Hexadienal, 2-butyl-2-ethyl-...	194	C13H22O	023739-80-2	40
4	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	40
5	2,4-Dihydroxyphenylbenzyl ketone	228	C14H12O3	003669-41-8	35





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Quant Title : SVOA CALIBRATION

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

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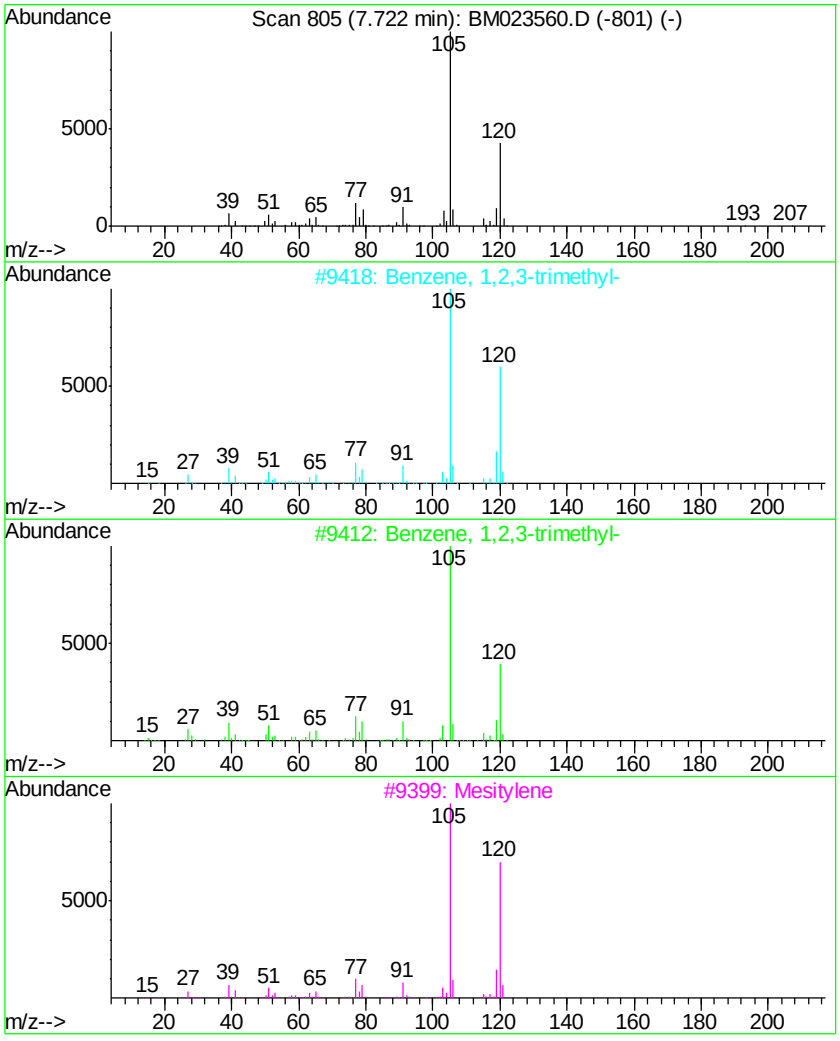
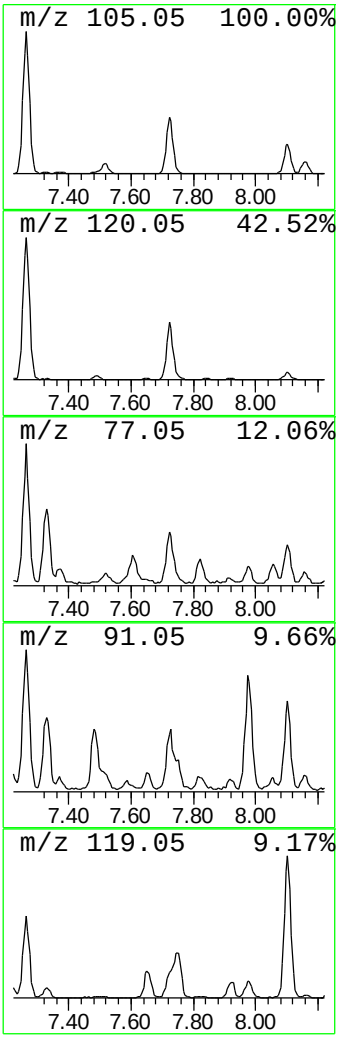
Peak Number 12 Mesitylene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	5.02 ng/ul	703965	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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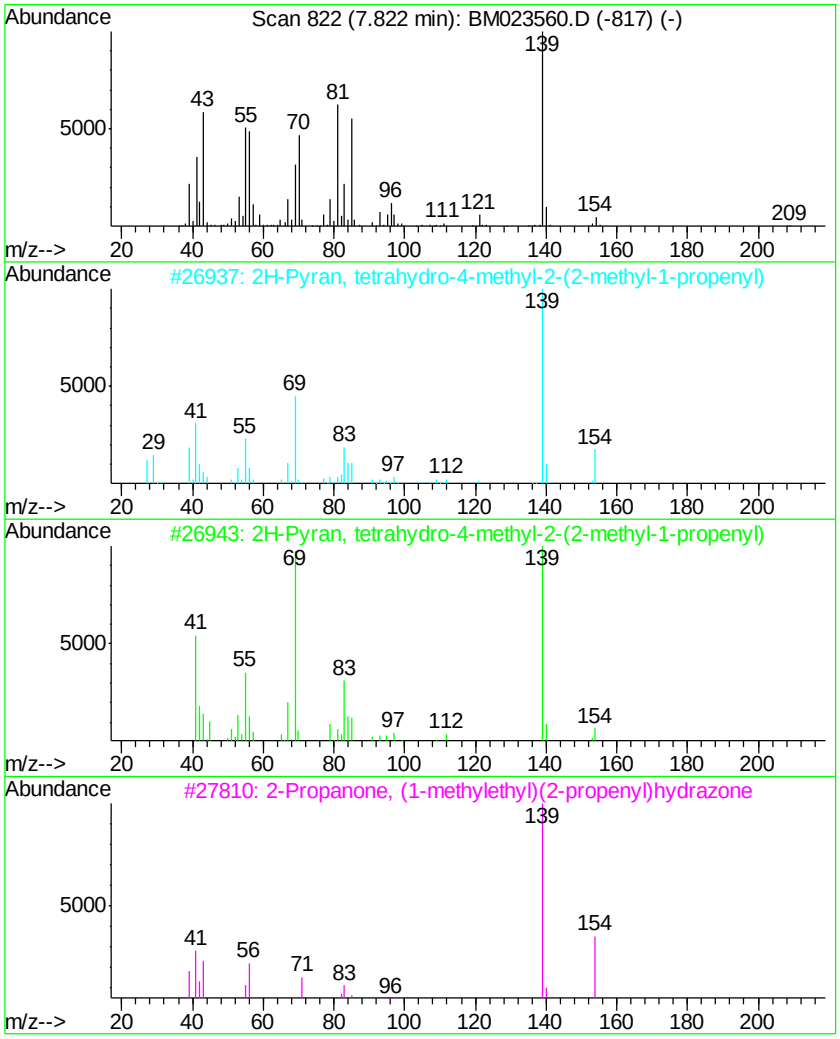
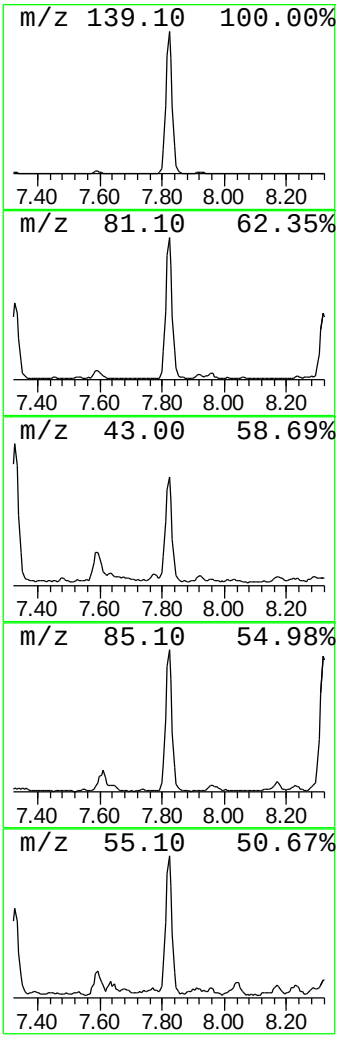
Peak Number 13 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	10.45 ng/ul	1466740	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	38
2	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	38
3	2-Propanone, (1-methylethyl)(2-p...	154	C9H18N2	110213-09-7	27
4	2H-Pyran, 2,2'-[1,10-decanediylb...	342	C20H38O4	056599-49-6	22
5	1-Octene	112	C8H16	000111-66-0	22





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Quant Title : SVOA CALIBRATION

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

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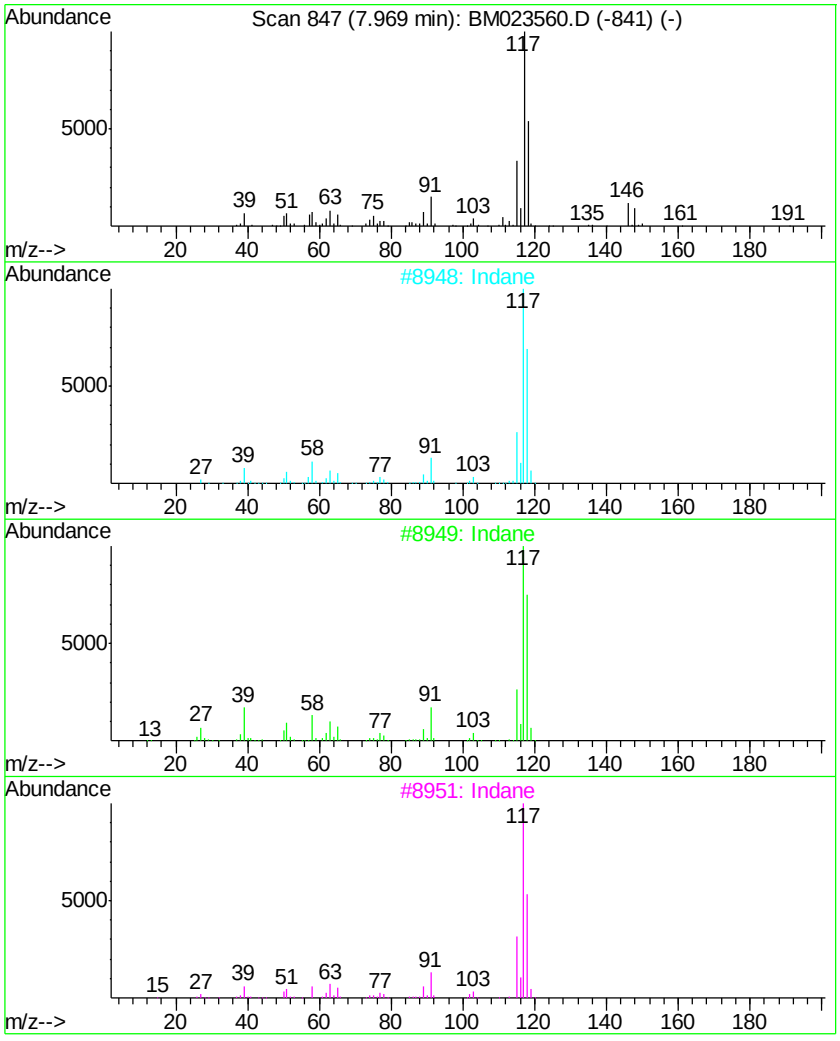
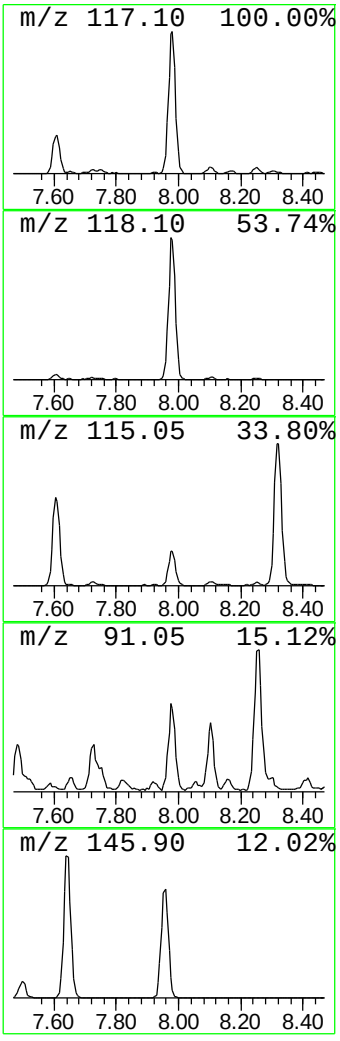
Peak Number 14 Indane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	8.16 ng/ul	1145490	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Quant Title : SVOA CALIBRATION

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

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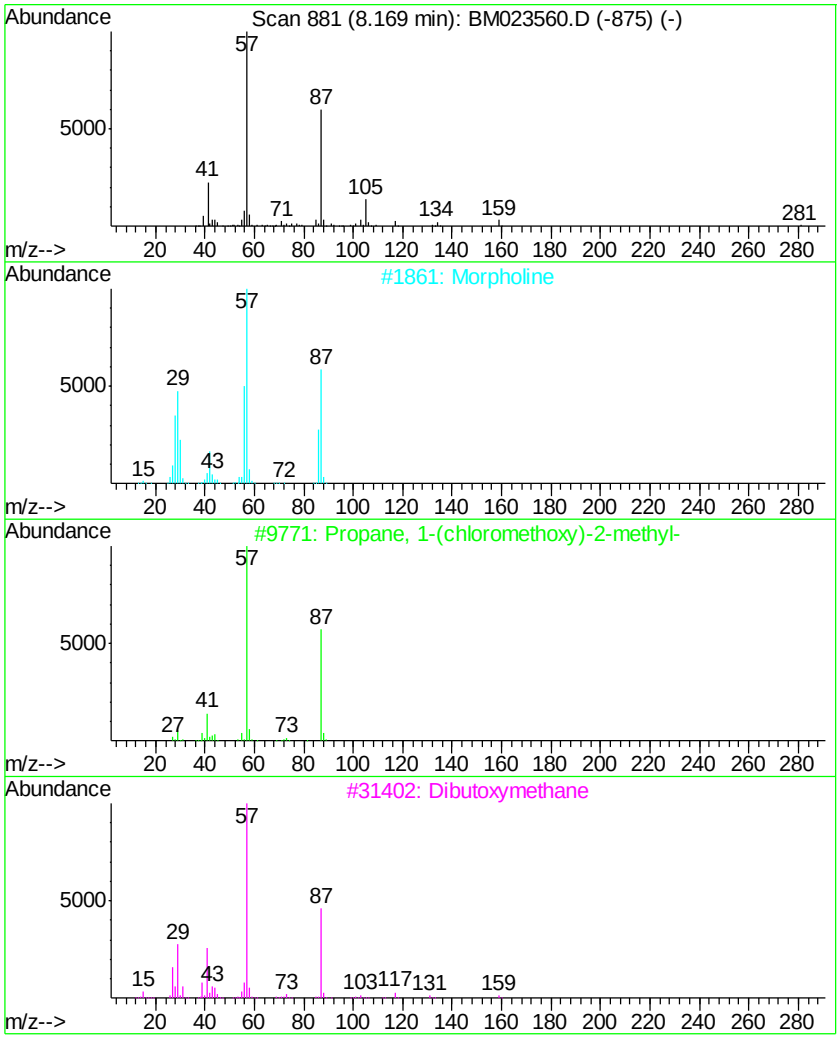
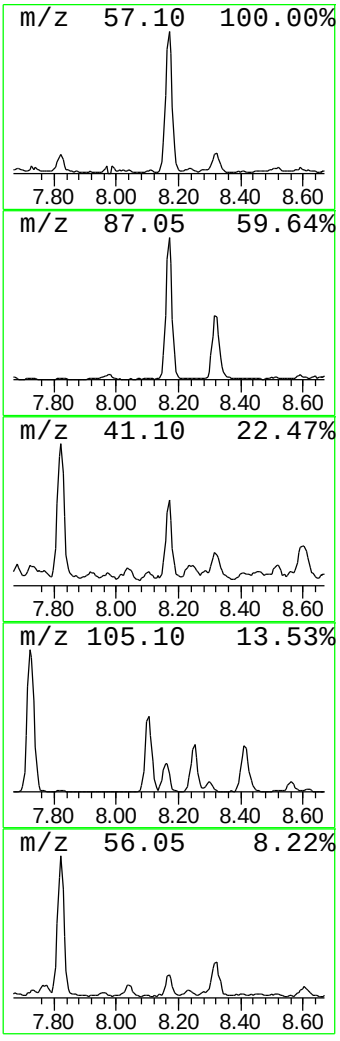
Peak Number 15 Morpholine Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	3.77 ng/ul	529362	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine	87	C4H9NO	000110-91-8	58
2	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	53
3	Dibutoxymethane	160	C9H20O2	002568-90-3	45
4	9,11-Octadecadiynoic acid, 8-hyd...	306	C19H30O3	006084-80-6	38
5	1,3-Dioxolane-2-pentanol, 2-methyl-	174	C9H18O3	036651-23-7	38





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Quant Title : SVOA CALIBRATION

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

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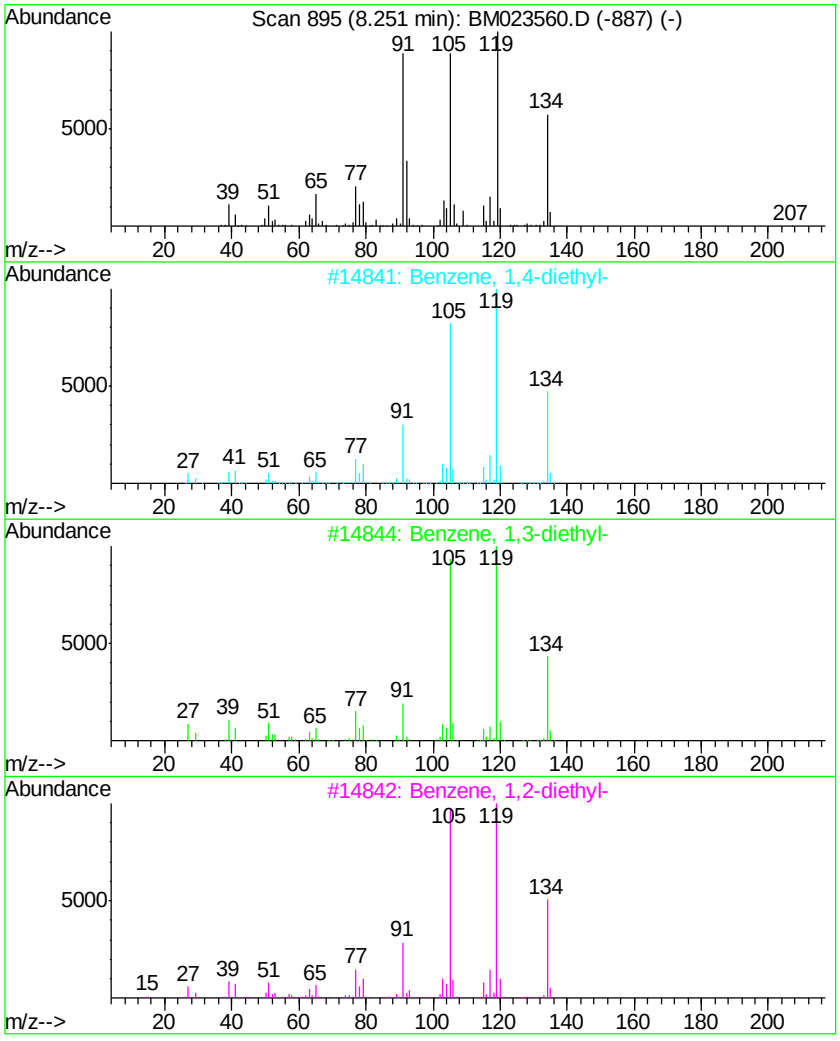
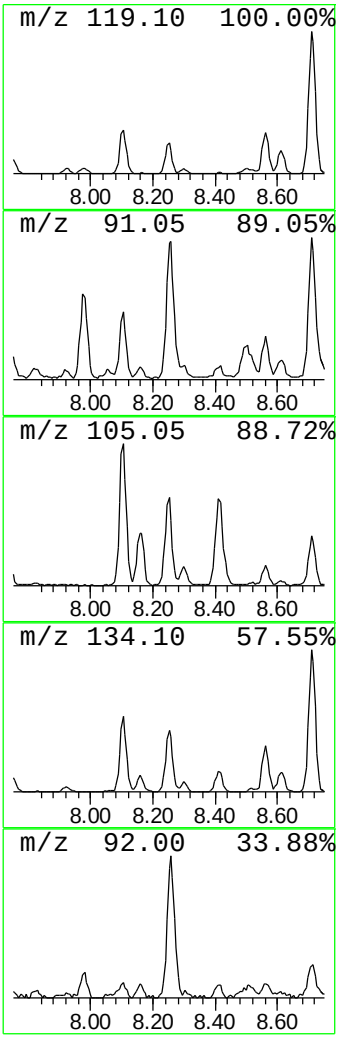
Peak Number 16 Benzene, 1,4-diethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.28 ng/ul	601299	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





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Quant Title : SVOA CALIBRATION

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

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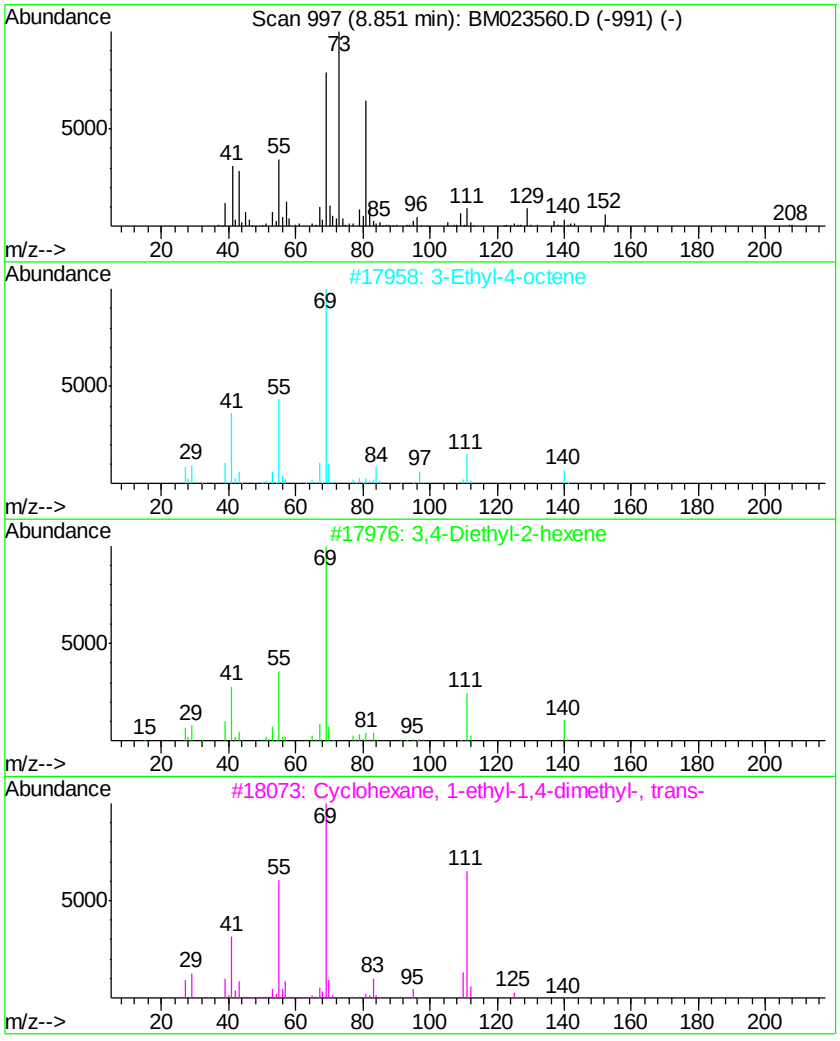
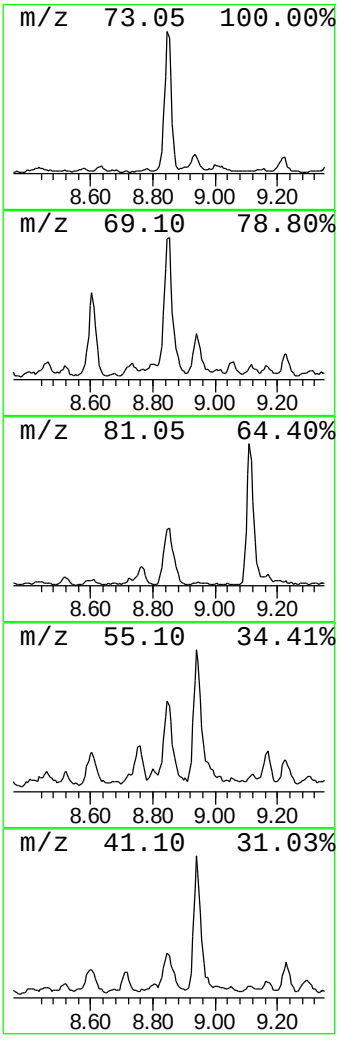
Peak Number 17 (DEL) Alkane: Cyclic8.85 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	6.56 ng/ul	921104	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-4-octene	140	C10H20	019781-32-9	53
2	3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	49
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	47
4	1-Undecyn-4-ol	168	C11H20O	022127-86-2	47
5	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	43





Library Search Compound Report

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Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
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Instrument : BNA_M
ClientSampleId : BEJM2

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Quant Title : SVOA CALIBRATION

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

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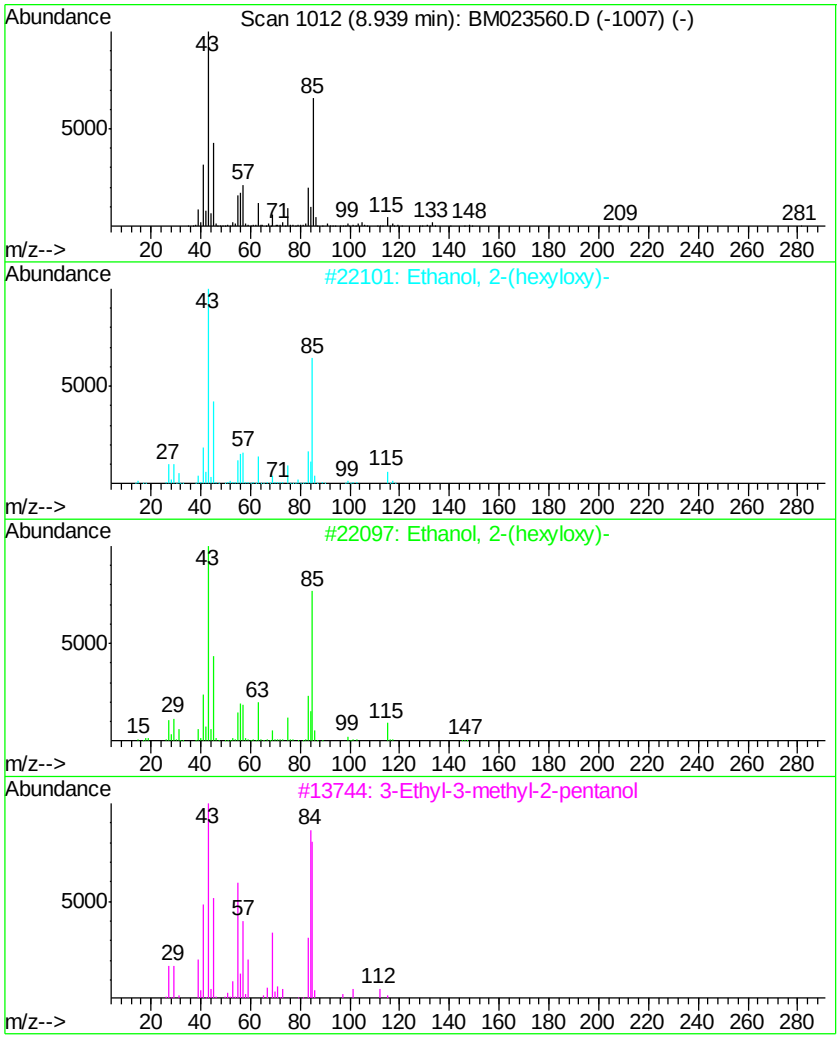
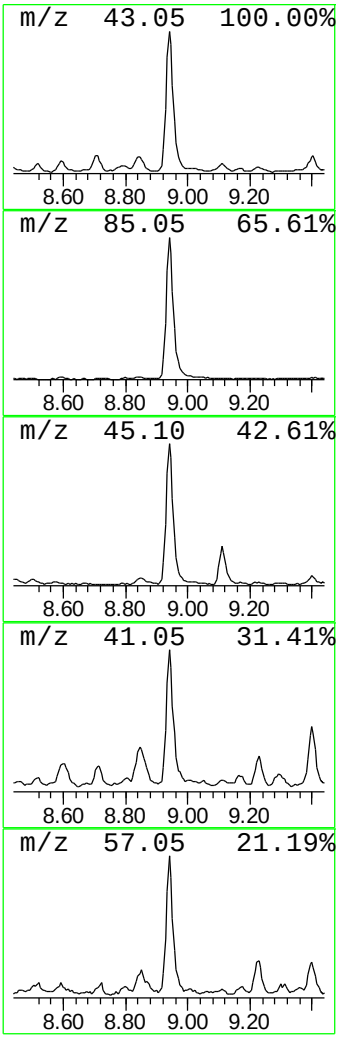
Peak Number 18 Ethanol, 2-(hexyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	11.76 ng/ul	1650380	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	78
2	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	59
3	3-Ethyl-3-methyl-2-pentanol	130	C8H18O	066576-22-5	45
4	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	42
5	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	38





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Instrument : BNA_M
ClientSampleId : BEJM2

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Quant Title : SVOA CALIBRATION

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

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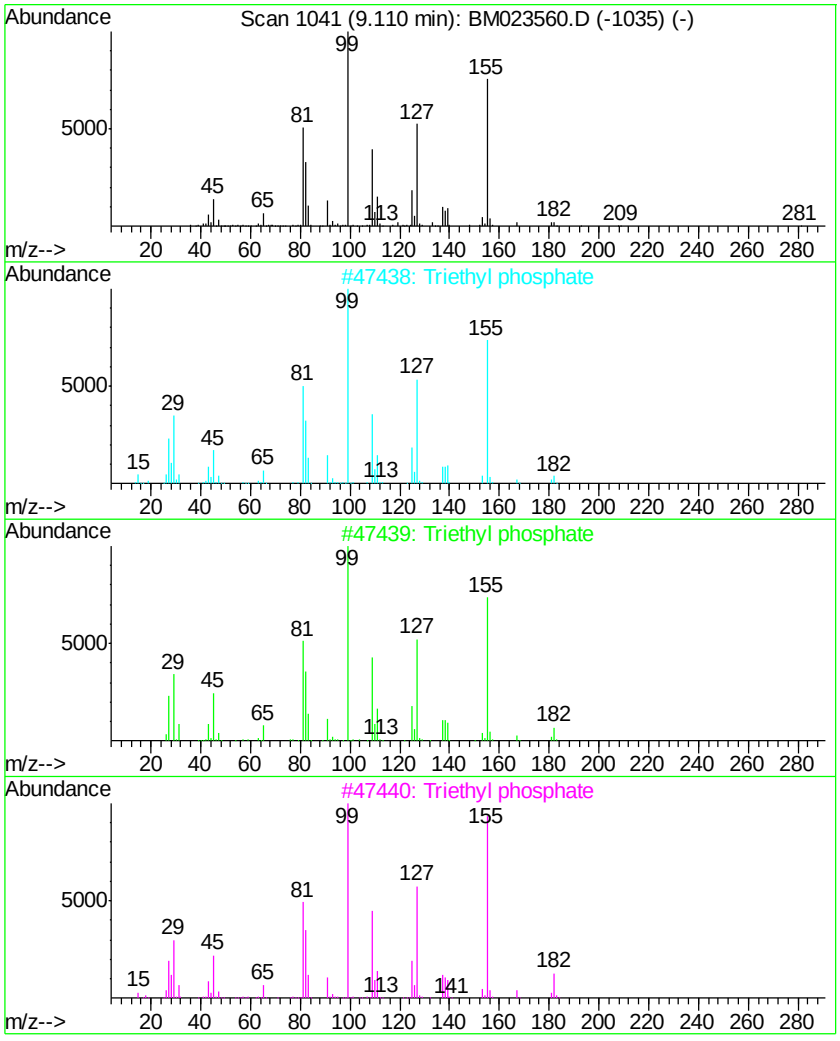
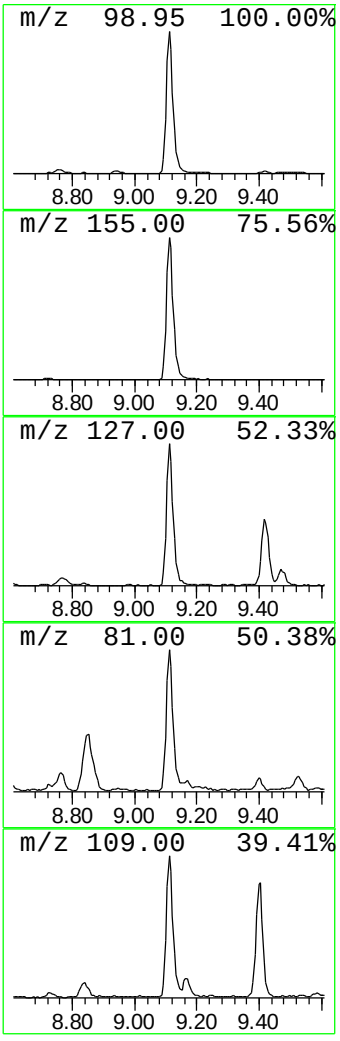
Peak Number 19 Triethyl phosphate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	8.18 ng/ul	1480250	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	95
2	Triethyl phosphate	182	C6H15O4P	000078-40-0	94
3	Triethyl phosphate	182	C6H15O4P	000078-40-0	90
4	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	50
5	Diethyl isopropylidenemalonate	200	C10H16O4	006802-75-1	45





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Quant Title : SVOA CALIBRATION

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

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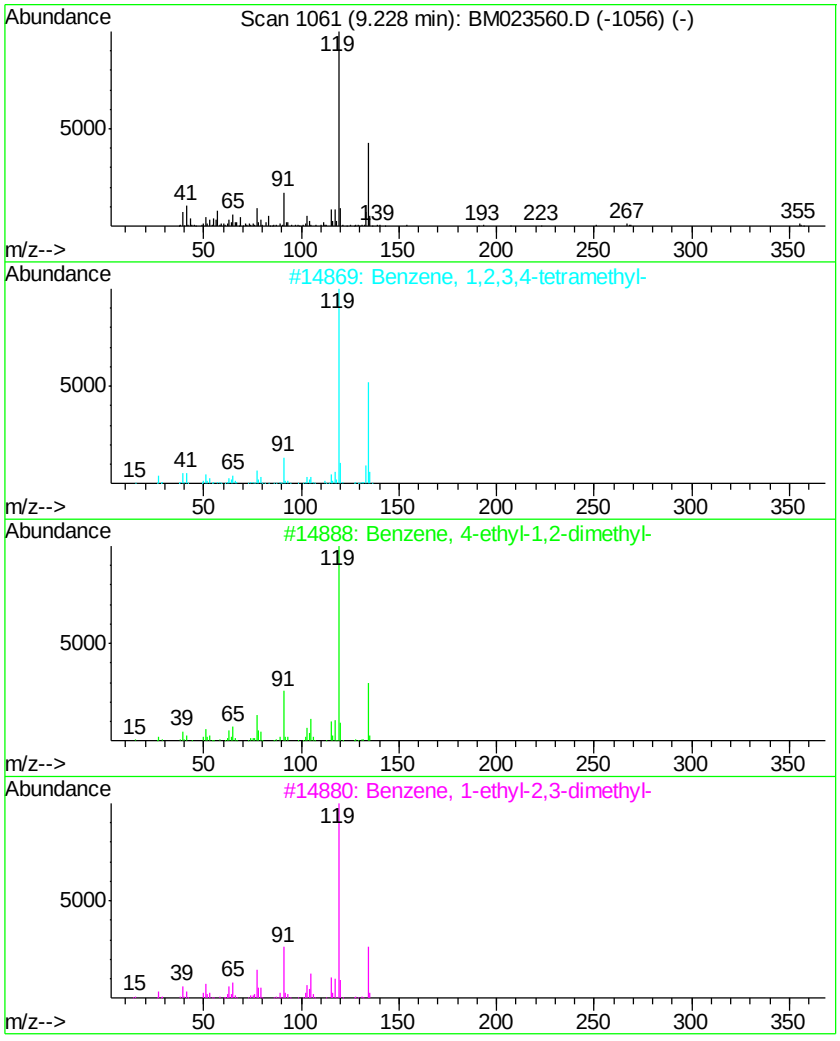
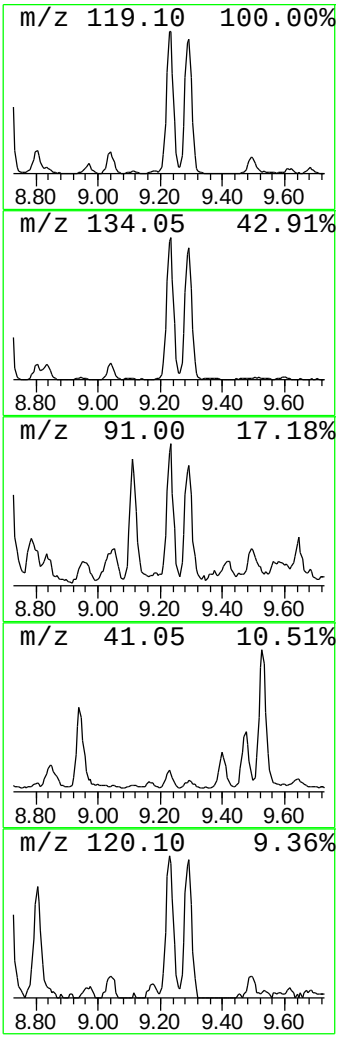
Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.38 ng/ul	792464	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

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Quant Title : SVOA CALIBRATION

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

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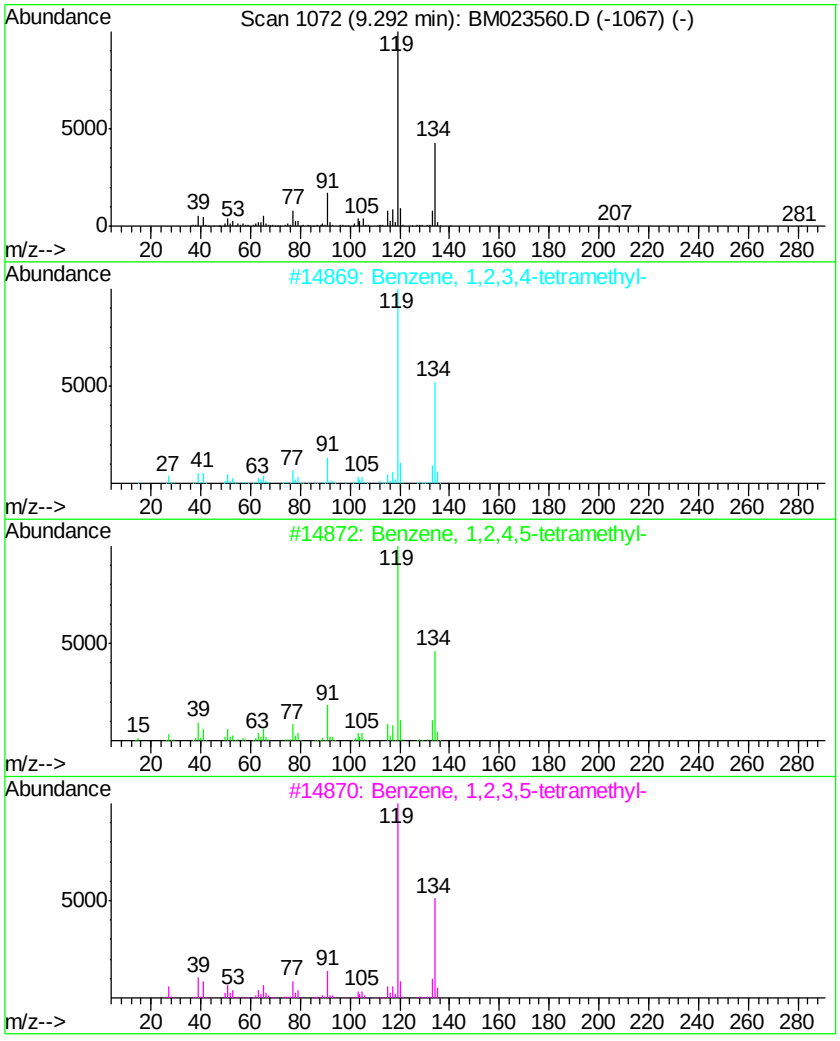
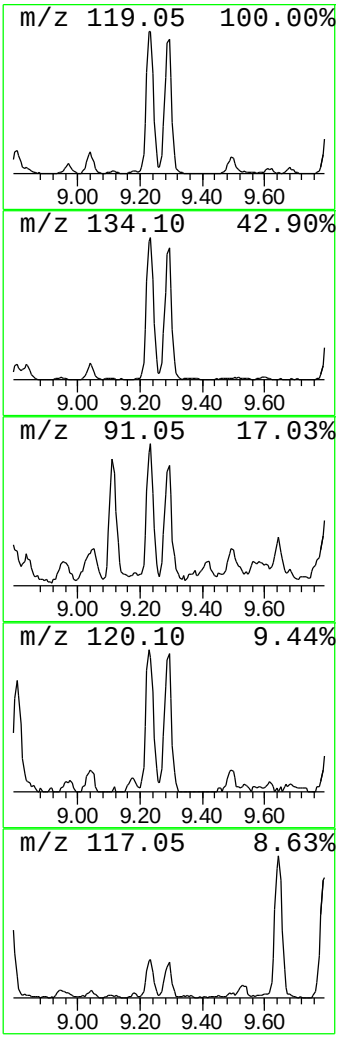
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	3.33 ng/ul	603000	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Sample : K5511-07
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Quant Title : SVOA CALIBRATION

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

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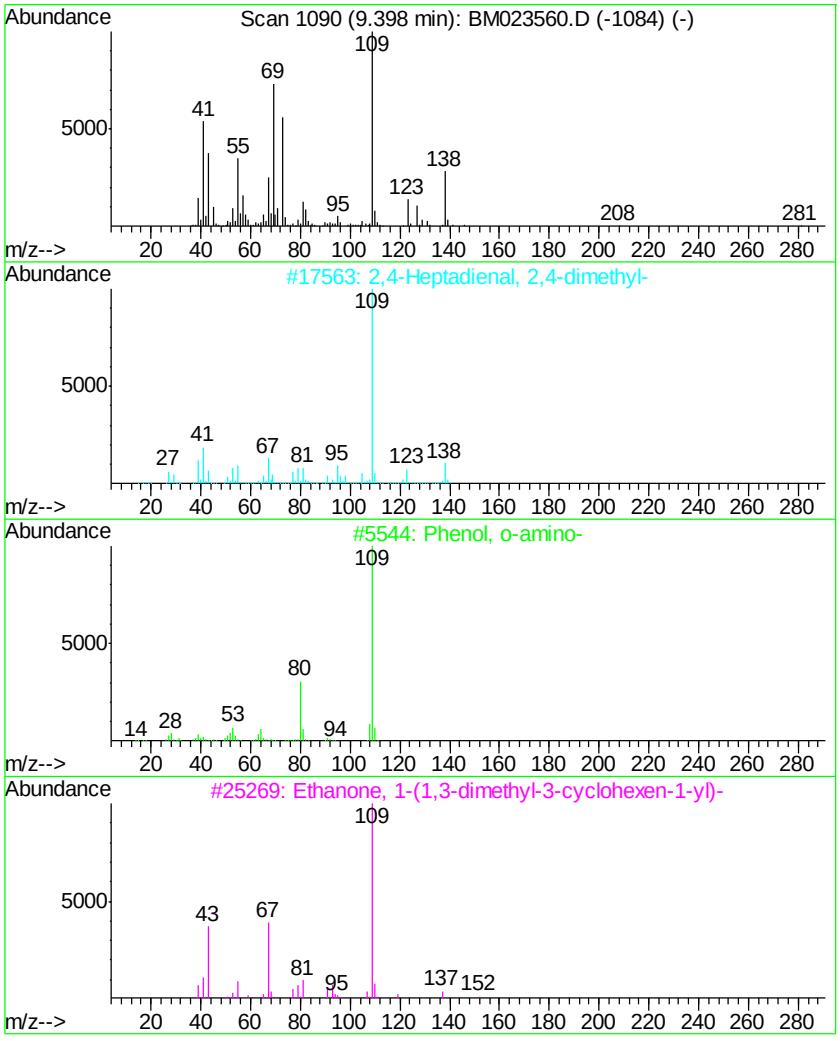
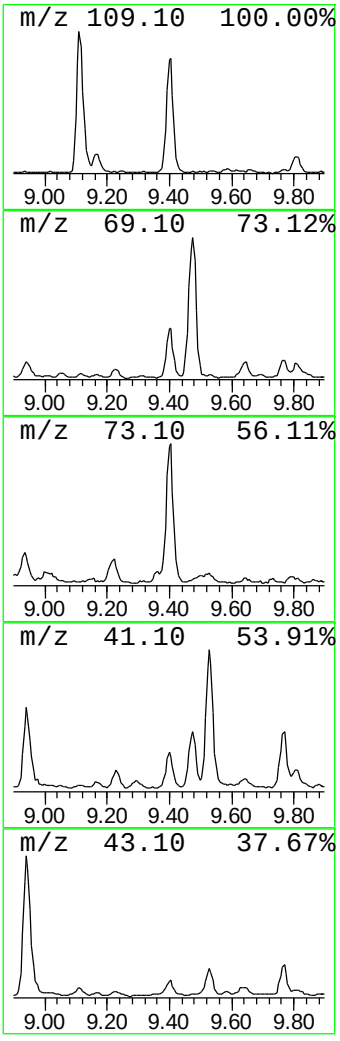
Peak Number 22 2,4-Heptadienal, 2,4-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.03 ng/ul	728415	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	53
2	Phenol, o-amino-	109	C6H7NO	000095-55-6	38
3	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	38
4	2H-Pyrazolo[3,4-c]pyridin-3-amin...	138	C6H10N4	1000362-58-3	37
5	1,2,5-Oxadiazole-3-carboxamide, ...	279	C12H14FN5O2	1000337-13-0	37





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Quant Title : SVOA CALIBRATION

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

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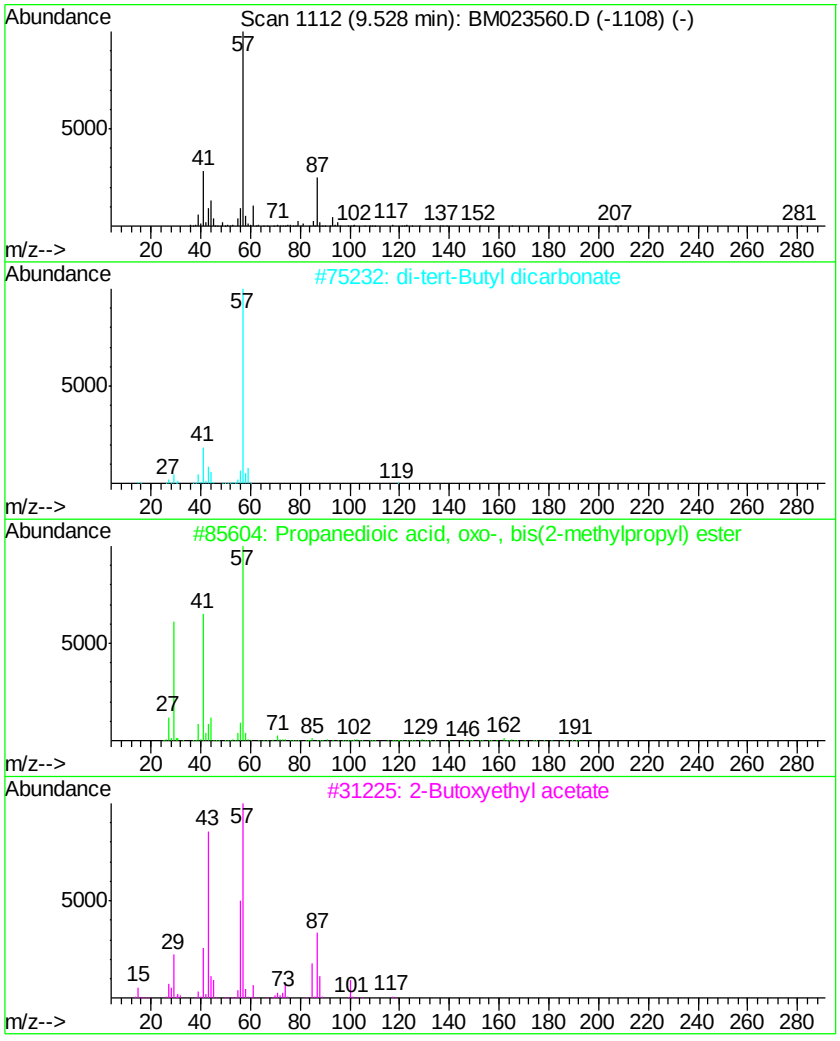
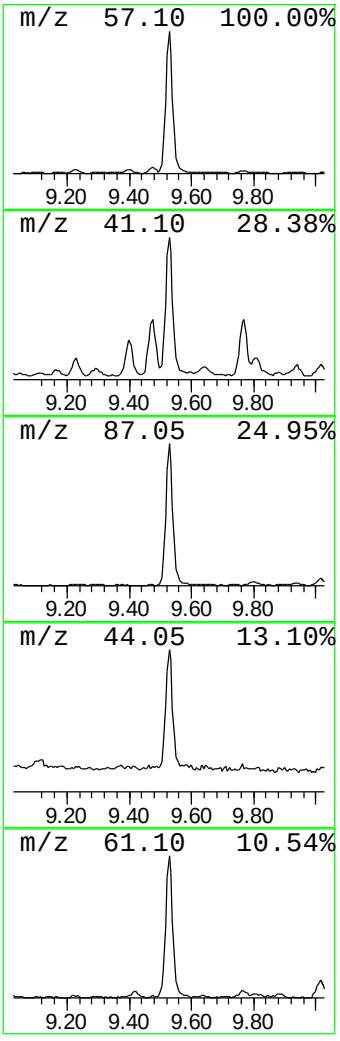
Peak Number 23 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	8.74 ng/ul	1581460	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	35
2	Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	32
3	2-Butoxyethyl acetate	160	C8H16O3	000112-07-2	28
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Quant Title : SVOA CALIBRATION

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

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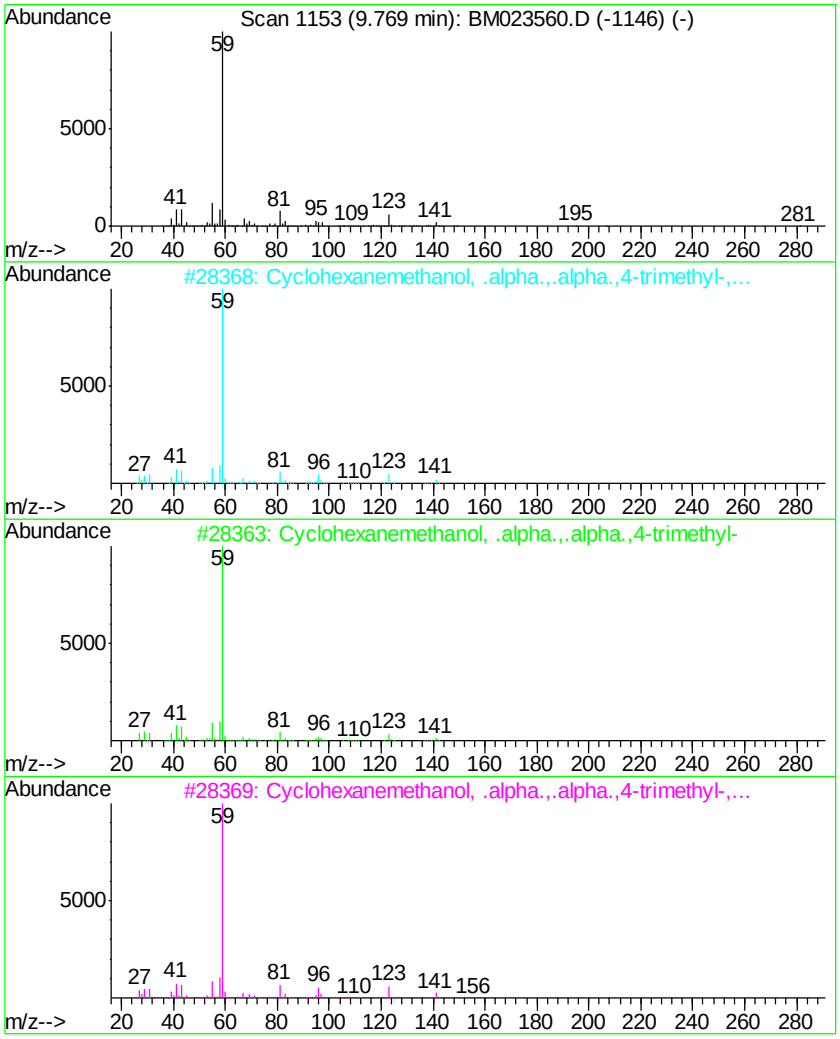
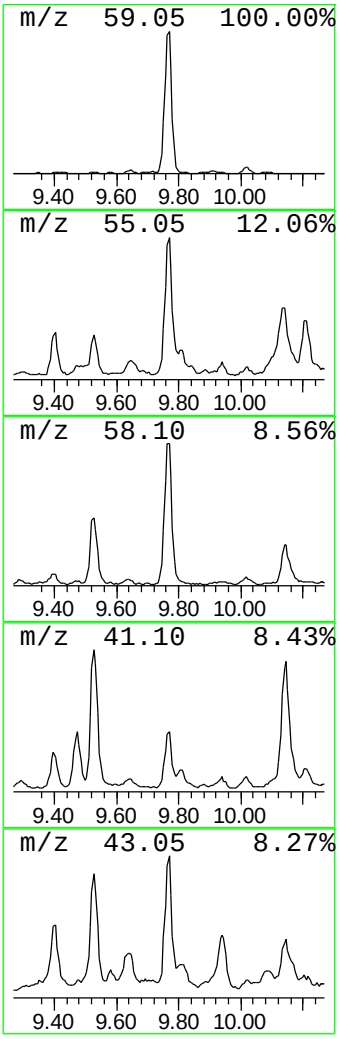
Peak Number 24 Cyclohexanemethanol, .alpha... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	11.81 ng/ul	2135870	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	74
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	72
4	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	64
5	o-Menthan-8-ol	156	C10H20O	343855-44-7	56





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Quant Title : SVOA CALIBRATION

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

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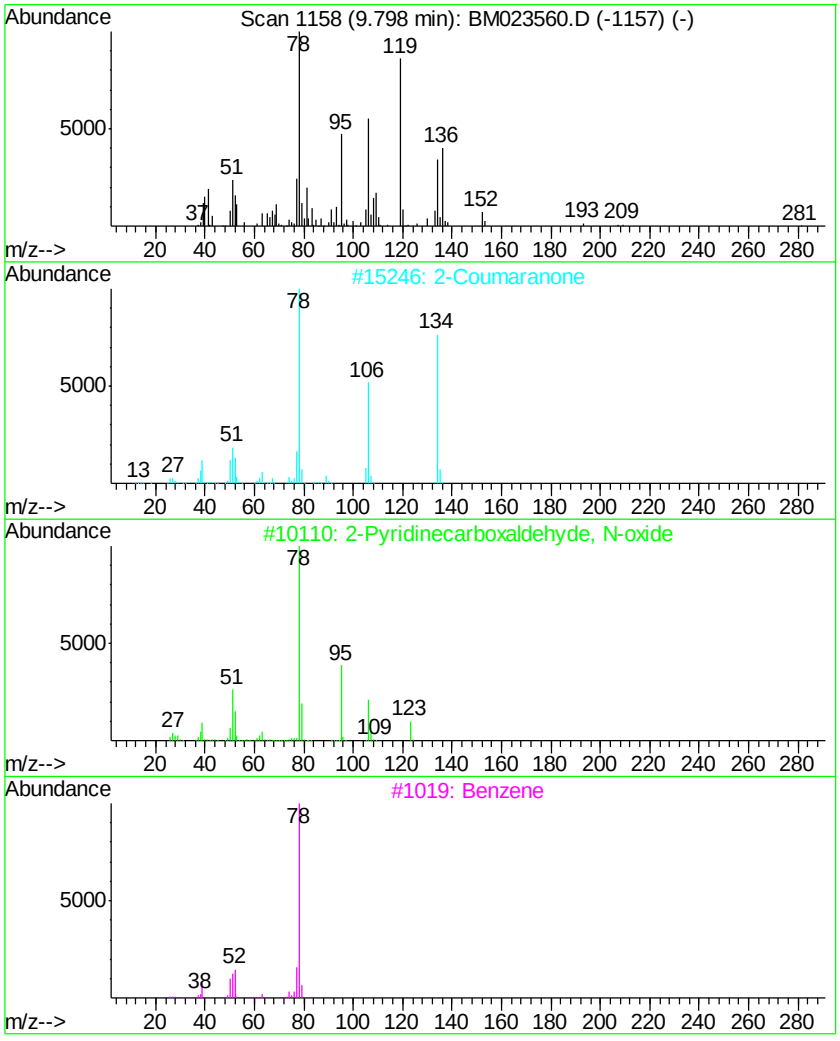
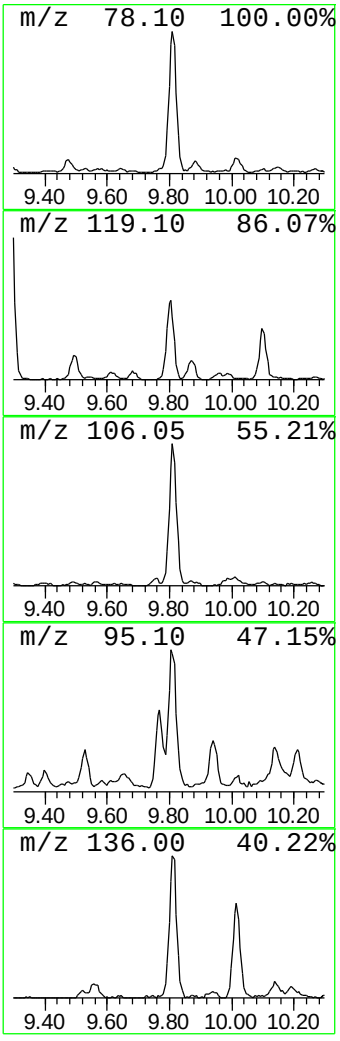
Peak Number 25 2-Coumaranone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	5.16 ng/ul	933701	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Coumaranone	134	C8H6O2	000553-86-6	53
2	2-Pyridinecarboxaldehyde, N-oxide	123	C6H5NO2	007216-40-2	50
3	Benzene	78	C6H6	000071-43-2	47
4	3-Isonicotinoylhydrazono-N-(2-py...	297	C15H15N5O2	299970-72-2	45
5	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	42





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Quant Title : SVOA CALIBRATION

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

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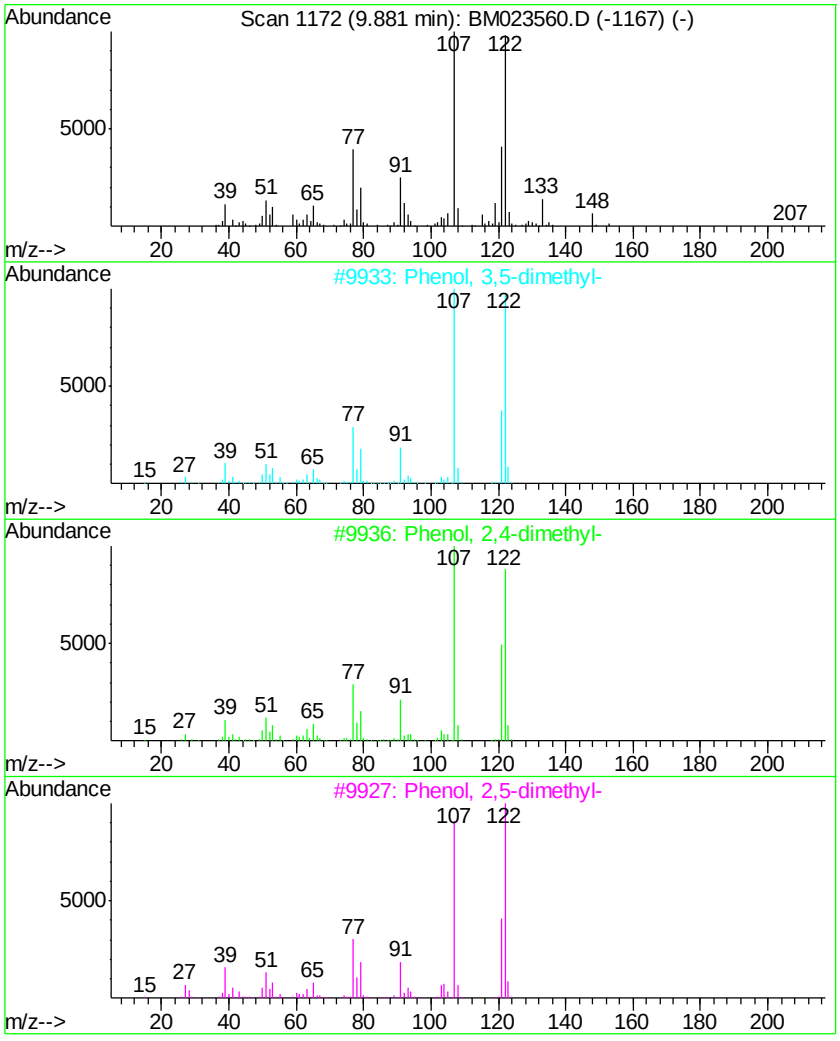
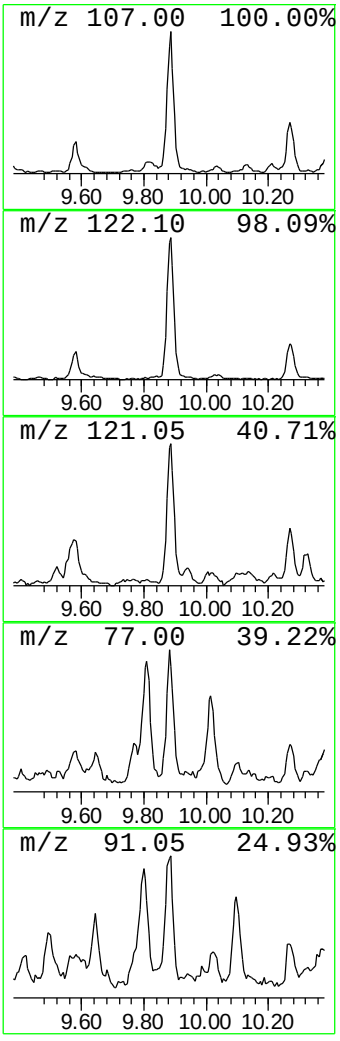
Peak Number 26 Phenol, 3,5-dimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	2.84 ng/ul	513121	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	93
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	87
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87





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Quant Title : SVOA CALIBRATION

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

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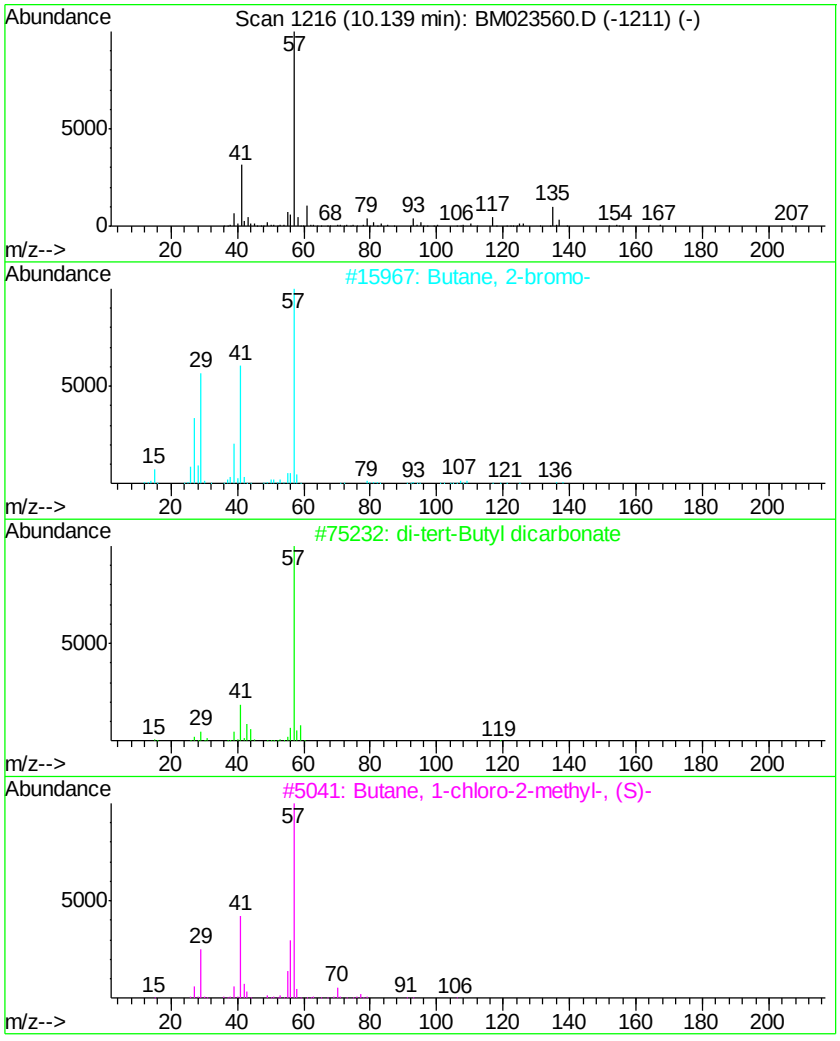
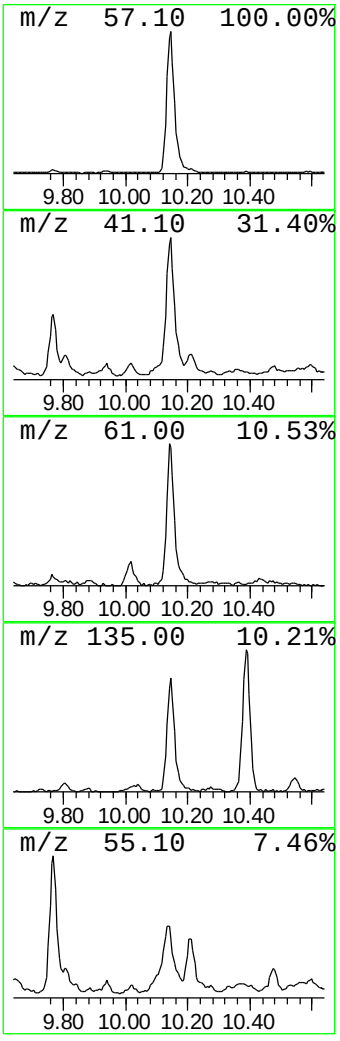
Peak Number 27 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	9.41 ng/ul	1701710	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-bromo-	136	C4H9Br	000078-76-2	18
2	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	14
3	Butane, 1-chloro-2-methyl-, (S)-	106	C5H11Cl	040560-29-0	10
4	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	9
5	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	9





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Quant Title : SVOA CALIBRATION

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

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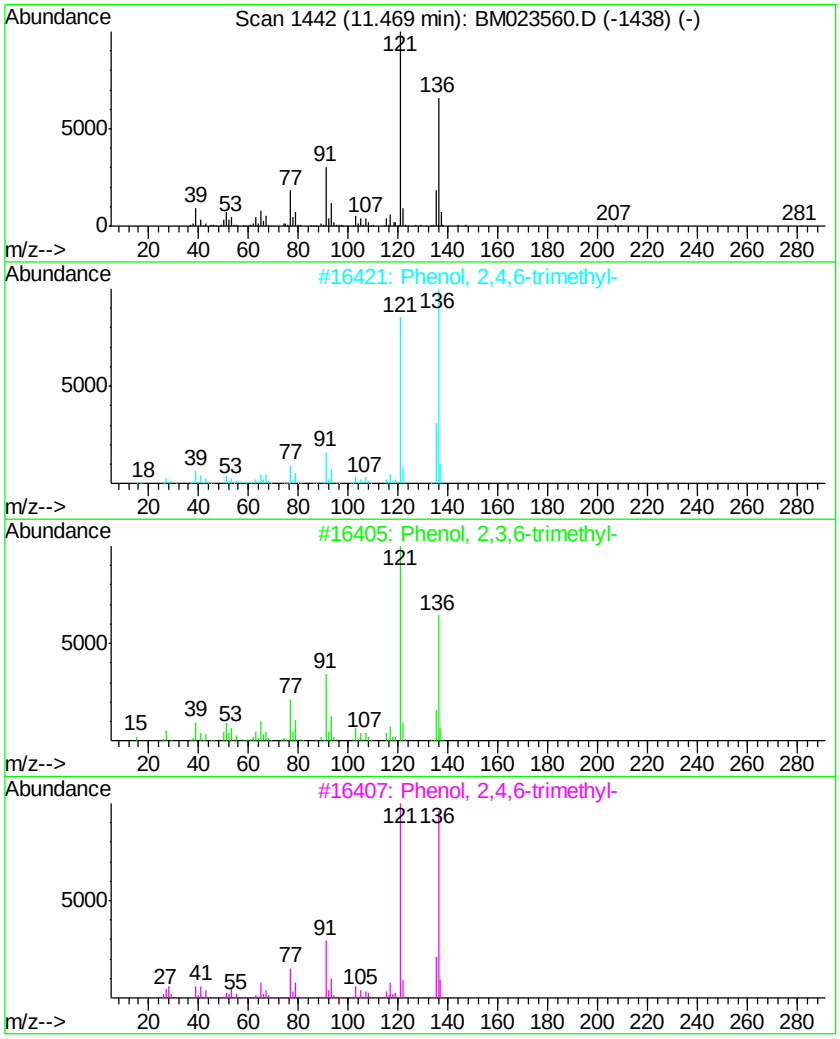
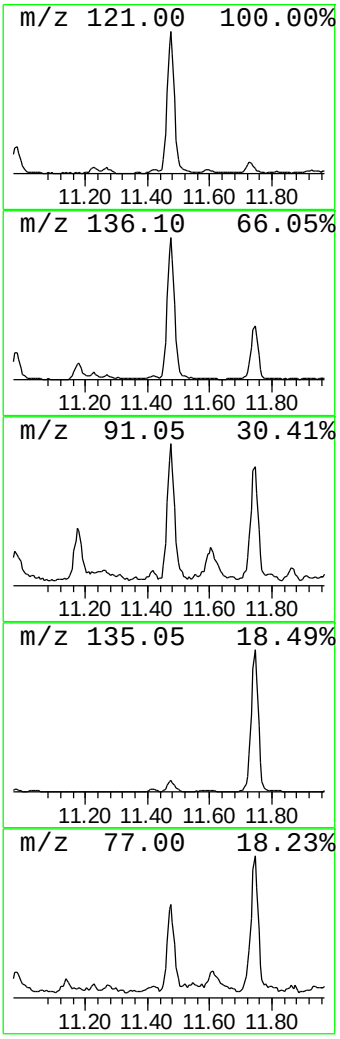
Peak Number 28 Phenol, 2,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	4.62 ng/ul	836407	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	96
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94





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Data File : BM023560.D
Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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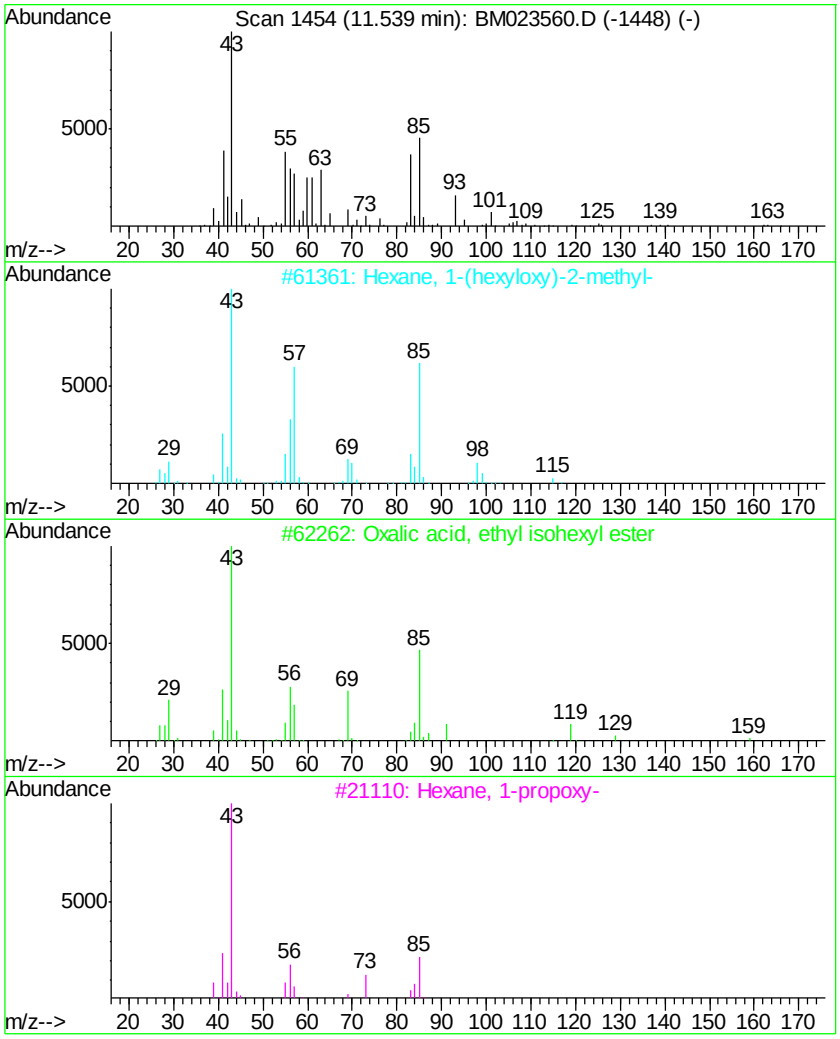
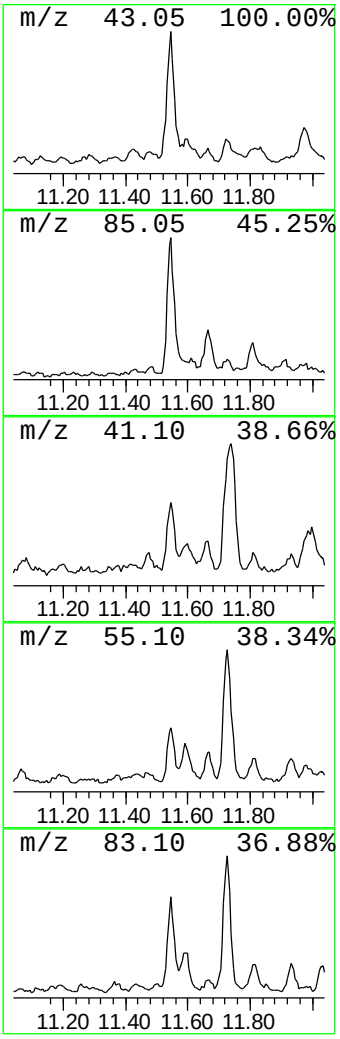
Peak Number 29 unknown-05 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.33 ng/ul	602708	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	17
2	Oxalic acid, ethyl isohexyl ester	202	C10H18O4	1000309-32-5	16
3	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	16
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	16
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023560.D
Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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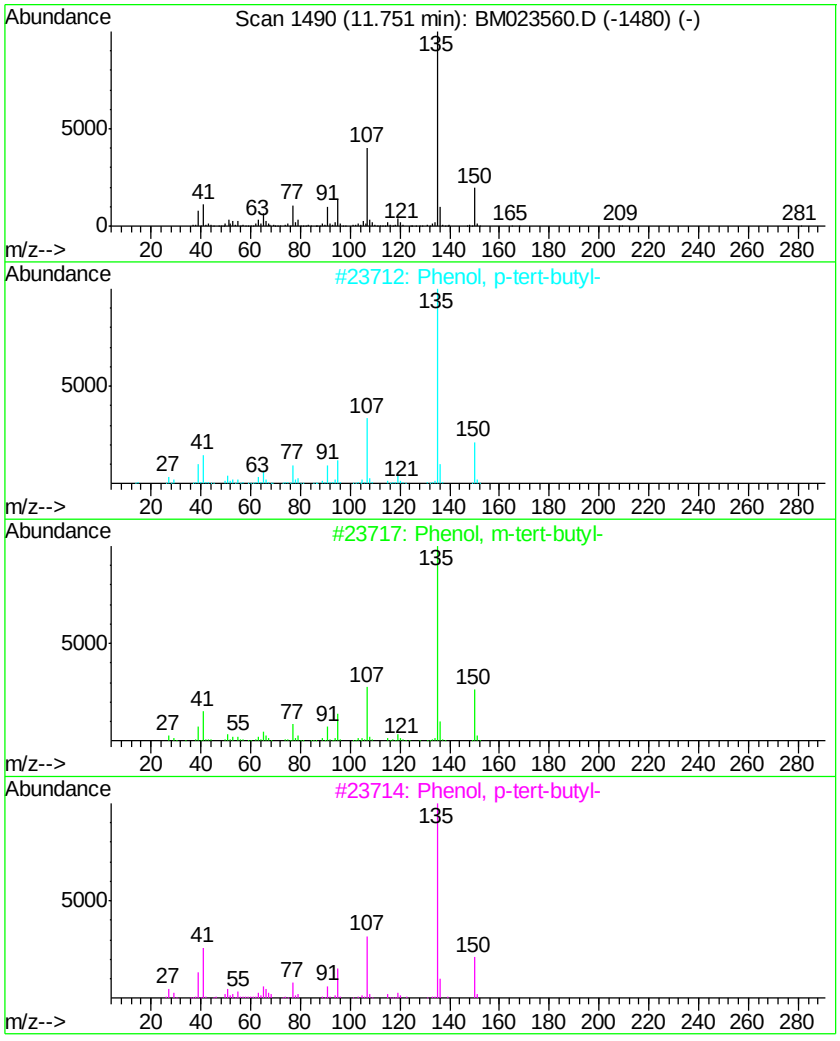
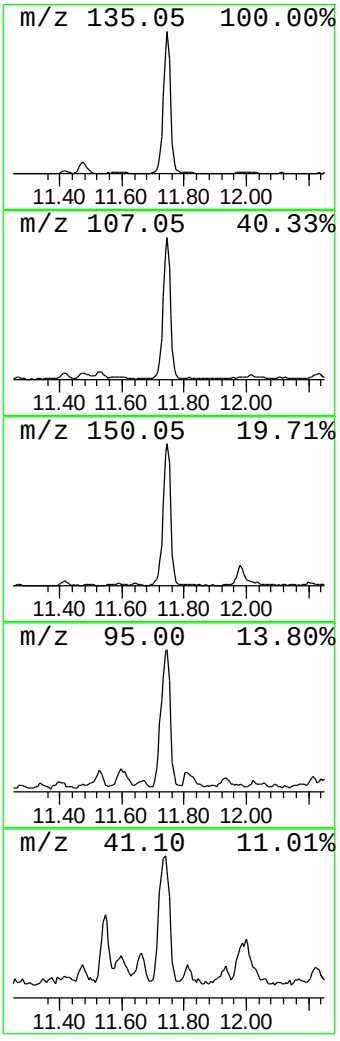
Peak Number 30 Phenol, p-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	12.53 ng/ul	2267030	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023560.D
Acq On : 01 Nov 2019 15:33
Operator : JU
Sample : K5511-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
Toluene	3.86	38.2	ng/ul	5367940	1	7.60	2807240	20.0
Benzene, chloro-	4.96	47.5	ng/ul	6670510	1	7.60	2807240	20.0
Ethylbenzene	5.15	15.1	ng/ul	2118400	1	7.60	2807240	20.0
p-Xylene	5.28	76.2	ng/ul	10699100	1	7.60	2807240	20.0
unknown-01	5.36	4.4	ng/ul	621043	1	7.60	2807240	20.0
Benzene, 1,3-dime...	5.65	16.5	ng/ul	2311370	1	7.60	2807240	20.0
Benzene, (1-methy...	6.12	6.6	ng/ul	930253	1	7.60	2807240	20.0
3-Octanone	6.30	7.5	ng/ul	1048560	1	7.60	2807240	20.0
Benzene, propyl-	6.60	6.9	ng/ul	973920	1	7.60	2807240	20.0
Benzene, 1,2,3-tr...	7.26	10.4	ng/ul	1458230	1	7.60	2807240	20.0
Acetaldehyde, (3,...	7.33	10.4	ng/ul	1456780	1	7.60	2807240	20.0
Mesitylene	7.72	5.0	ng/ul	703965	1	7.60	2807240	20.0
unknown-02	7.82	10.4	ng/ul	1466740	1	7.60	2807240	20.0
Indane	7.97	8.2	ng/ul	1145490	1	7.60	2807240	20.0
Morpholine	8.17	3.8	ng/ul	529362	1	7.60	2807240	20.0
Benzene, 1,4-diet...	8.25	4.3	ng/ul	601299	1	7.60	2807240	20.0
(DEL) Alkane: Cyc...	8.85	6.6	ng/ul	921104	1	7.60	2807240	20.0
Ethanol, 2-(hexyl...	8.94	11.8	ng/ul	1650380	1	7.60	2807240	20.0
Triethyl phosphate	9.11	8.2	ng/ul	1480250	2	10.39	3617720	20.0
Benzene, 1,2,3,4-...	9.23	4.4	ng/ul	792464	2	10.39	3617720	20.0
Benzene, 1,2,4,5-...	9.29	3.3	ng/ul	603000	2	10.39	3617720	20.0
2,4-Heptadienal, ...	9.40	4.0	ng/ul	728415	2	10.39	3617720	20.0
unknown-03	9.53	8.7	ng/ul	1581460	2	10.39	3617720	20.0
Cyclohexanemethan...	9.77	11.8	ng/ul	2135870	2	10.39	3617720	20.0
2-Coumaranone	9.80	5.2	ng/ul	933701	2	10.39	3617720	20.0
Phenol, 3,5-dimet...	9.88	2.8	ng/ul	513121	2	10.39	3617720	20.0
unknown-04	10.14	9.4	ng/ul	1701710	2	10.39	3617720	20.0
Phenol, 2,4,6-tri...	11.47	4.6	ng/ul	836407	2	10.39	3617720	20.0
unknown-05	11.54	3.3	ng/ul	602708	2	10.39	3617720	20.0
Phenol, p-tert-bu...	11.75	12.5	ng/ul	2267030	2	10.39	3617720	20.0