LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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-BM101419MA.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	3.505	82	88	95	rBV2	155360	250900	2.95%	0.167%
2	3.728	121	126	135	rBV	210397	365288	4.30%	0.244%
3	3.893	148	154	167	rVB	1460322	2007309	23.61%	1.338%
4	5.193	369	375	382	rVB	439647	666387	7.84%	0.444%
5	5.322	390	397	406	rBV	1557368	2900371	34.11%	1.934%
6	5.687	451	459	470	rVB	1068198	1655523	19.47%	1.104%
7	6.645	613	622	634	rVV2	191986	470175	5.53%	0.314%
8	6.751	634	640	646	rVV	634445	985710	11.59%	0.657%
9	6.822	646	652	655	rVV2	511268	1011951	11.90%	0.675%
10	6.887	659	663	669	rVB	463263	695226	8.18%	0.464%
11	6.987	674	680	686	rBV	911495	1446554	17.01%	0.965%
12	7.051	686	691	696	rVV	425480	649799	7.64%	0.433%
13	7.116	696	702	707	rVV4	72812	163202	1.92%	0.109%
14	7.187	707	714	723	rVB	1091326	1781869	20.96%	1.188%
15	7.304	728	734	742	rVB	1815685	2846302	33.48%	1.898%
16	7.645	785	792	798	rBV	1572856	2577695	30.32%	1.719%
17	7.728	803	806	808	rVV	135774	187829	2.21%	0.125%
18	7.769	808	813	822	rVB	756727	1251815	14.72%	0.835%
19	8.022	847	856	862	rVB2	530901	1261181	14.83%	0.841%
20	8.092	862	868	873	rBV2	201394	311101	3.66%	0.207%
21	8.187	880	884	895	rVB2	180928	439821	5.17%	0.293%
22	8.292	895	902	907	rBV	266786	455176	5.35%	0.304%
23	8.357	907	913	917	rVV	886848	1465407	17.24%	0.977%
24	8.416	917	923	928	rVV	592506	1246818	14.66%	0.831%
25	8.457	928	930	938	rVB2	114634	193968	2.28%	0.129%
26	8.604	951	955	960	rBV	149600	227381	2.67%	0.152%
27	8.657	960	964	970	rVB	153291	240240	2.83%	0.160%
28	8.757	975	981	983	rBV	333773	491398	5.78%	0.328%
29	8.792	983	987	992	rVB	949409	1403698	16.51%	0.936%
30	8.892	1000	1004	1009	rVB2	154822	212269	2.50%	0.142%
31	9.057	1026	1032	1043	rVB5	174589	562722	6.62%	0.375%
32	9.187	1046	1054	1060	rVB3	137241	240954	2.83%	0.161%
33	9.275	1065	1069	1074	rVB	239649	373964	4.40%	0.249%
34	9.334	1074	1079	1088	rVB	313525	573456	6.74%	0.382%

LSC Area Percent Report

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Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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-BM101419MA.M
Title : SVOA CALIBRATION

35	9.410	1088	1092	1098	rVB	105307	165446	1.95%	0.110%
36	9.516	1103	1110	1118	rBV	958336	1609583	18.93%	1.073%
37	9.616	1118	1127	1130	rBV	653980	1064560	12.52%	0.710%
38	9.651	1130	1133	1137	rVB	398474	521801	6.14%	0.348%
39	9.692	1137	1140	1149	rVB	240632	405453	4.77%	0.270%
40	9.775	1149	1154	1158	rBV	118349	178343	2.10%	0.119%
41	9.851	1158	1167	1171	rBV4	707305	1860138	21.88%	1.240%
42	9.922	1176	1179	1185	rVV2	644462	1093704	12.86%	0.729%
43	9.986	1185	1190	1195	rVB4	210519	383032	4.51%	0.255%
44	10.051	1195	1201	1211	rVB2	1693753	3284445	38.63%	2.190%
45	10.310	1239	1245	1249	rVV	245153	394145	4.64%	0.263%
46	10.363	1249	1254	1258	rVB	174443	257997	3.03%	0.172%
47	10.428	1258	1265	1269	rBV	2083987	3577695	42.08%	2.386%
48	10.481	1269	1274	1282	rVB	4979637	8251786	97.05%	5.502%
49	10.592	1288	1293	1301	rVB4	203830	539146	6.34%	0.359%
50	10.792	1321	1327	1333	rBV2	201090	377199	4.44%	0.252%
51	10.980	1353	1359	1364	rBV2	157718	350095	4.12%	0.233%
52	11.204	1393	1397	1400	rBV2	97833	155594	1.83%	0.104%
53	11.263	1402	1407	1412	rVB3	196564	358074	4.21%	0.239%
54	11.351	1418	1422	1428	rVB3	91424	156158	1.84%	0.104%
55	11.463	1436	1441	1446	rVV2	134916	329642	3.88%	0.220%
56	11.539	1446	1454	1464	rVB7	192878	622304	7.32%	0.415%
57	11.633	1465	1470	1480	rVB7	91516	221703	2.61%	0.148%
58	11.786	1487	1496	1501	rBV2	291150	585278	6.88%	0.390%
59	11.992	1526	1531	1534	rBV4	86359	161003	1.89%	0.107%
60	12.098	1544	1549	1555	rVB	1846665	2881854	33.90%	1.922%
61	12.322	1578	1587	1595	rVB	1593929	2600126	30.58%	1.734%
62	12.492	1610	1616	1621	rBV5	111140	219992	2.59%	0.147%
63	12.592	1621	1633	1637	rBV7	160700	386163	4.54%	0.257%
64	13.139	1720	1726	1733	rVB3	318480	671477	7.90%	0.448%
65	13.327	1752	1758	1760	rBV	194292	349257	4.11%	0.233%
66	13.427	1769	1775	1776	rBV4	141923	223970	2.63%	0.149%
67	13.457	1777	1780	1782	rBV2	124543	178546	2.10%	0.119%
68	13.533	1789	1793	1797	rBV2	130045	208016	2.45%	0.139%
69	13.616	1802	1807	1812	rBV	418613	740775	8.71%	0.494%
70	13.669	1812	1816	1819	rVV	321609	502410	5.91%	0.335%
71	13.710	1819	1823	1827	rVV	2766011	3905602	45.94%	2.604%

LSC Area Percent Report

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	13.757	1827	1831	1839	rVB	2074731	2858655	33.62%	1.906%
73	13.851	1843	1847	1851	rBV2	278177	463450	5.45%	0.309%
74	13.986	1864	1870	1880	rVB	3331427	5303939	62.38%	3.537%
75	14.221	1905	1910	1915	rBV6	109730	208973	2.46%	0.139%
76	14.292	1915	1922	1928	rBV	2928827	4690411	55.17%	3.127%
77	14.357	1928	1933	1938	rVV2	785207	1180597	13.89%	0.787%
78	14.498	1953	1957	1961	rVB2	329222	449765	5.29%	0.300%
79	14.757	1996	2001	2009	rVB	1046653	1629857	19.17%	1.087%
80	15.186	2071	2074	2083	rVB3	149046	252189	2.97%	0.168%
81	15.292	2086	2092	2097	rVV	4375100	6157165	72.42%	4.105%
82	15.345	2097	2101	2106	rVB	639212	866892	10.20%	0.578%
83	15.410	2107	2112	2119	rBV	1299059	1910822	22.47%	1.274%
84	15.645	2149	2152	2162	rVB7	190619	340061	4.00%	0.227%
85	16.345	2269	2271	2276	rVB3	201488	247436	2.91%	0.165%
86	16.480	2291	2294	2304	rBV3	338552	614036	7.22%	0.409%
87	17.039	2384	2389	2393	rBV2	3667000	5164618	60.74%	3.444%
88	17.080	2393	2396	2400	rVV	860205	1156804	13.61%	0.771%
89	17.139	2400	2406	2418	rVB2	4752457	7170976	84.34%	4.781%
90	17.239	2420	2423	2428	rVB3	197211	275637	3.24%	0.184%
91	17.421	2450	2454	2462	rBV2	381770	699919	8.23%	0.467%
92	17.968	2542	2547	2555	rBV	2050474	2853284	33.56%	1.903%
93	19.104	2737	2740	2743	rBV	245156	263867	3.10%	0.176%
94	19.251	2762	2765	2770	rBV	742613	905683	10.65%	0.604%
95	19.439	2791	2797	2804	rBV	5559142	8147115	95.82%	5.432%
96	20.933	3048	3051	3055	rBV	1818060	2188683	25.74%	1.459%
97	20.974	3055	3058	3063	rVB	1535478	1758061	20.68%	1.172%
98	21.233	3097	3102	3111	rVB	4560615	5839981	68.69%	3.894%
99	23.291	3446	3452	3461	rVB	4660768	8502238	100.00%	5.669%
100	23.433	3471	3476	3485	rVB	3640599	6486597	76.29%	4.325%

Sum of corrected areas: 149973682

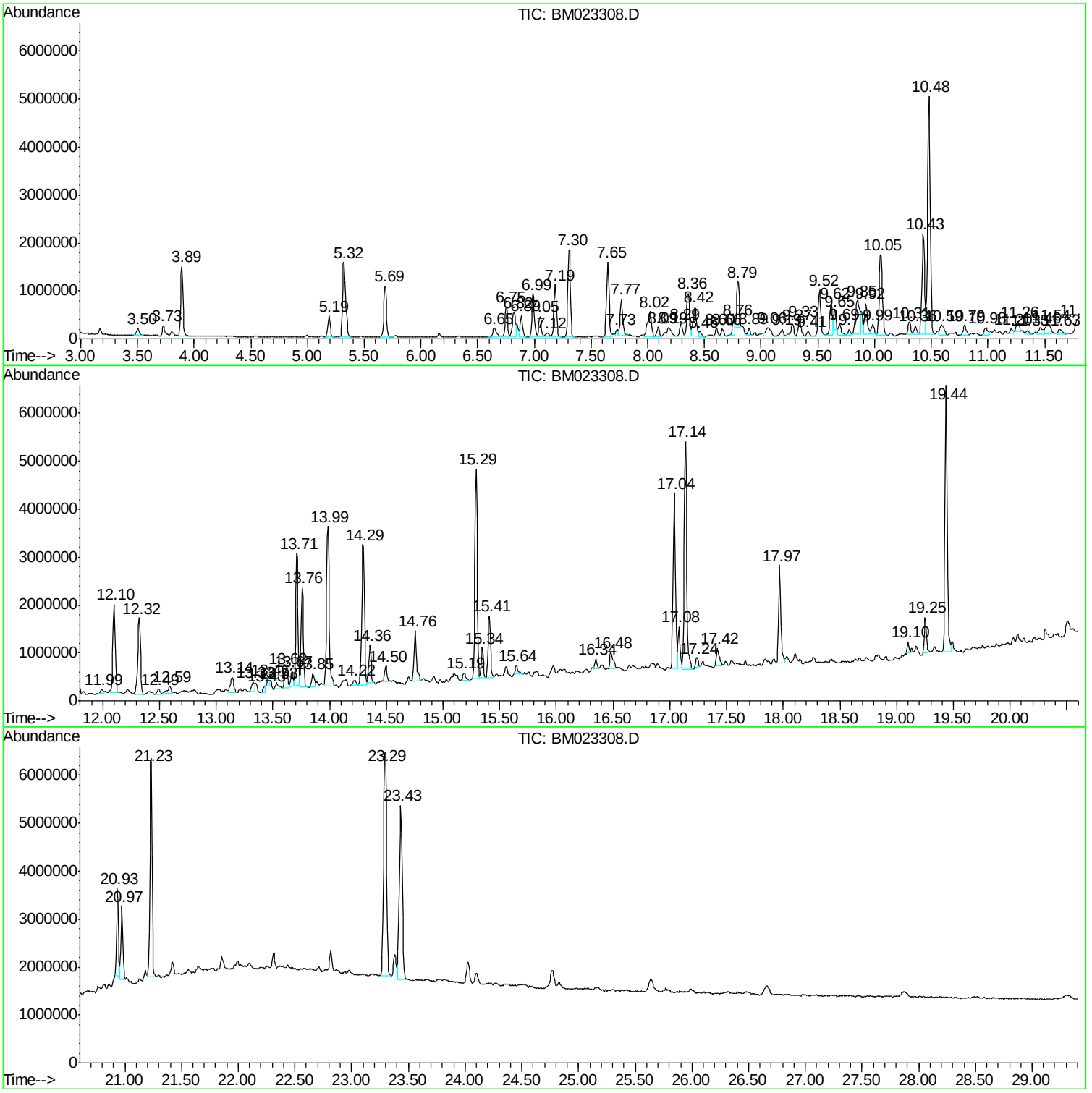
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
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Quant Title : SVOA CALIBRATION

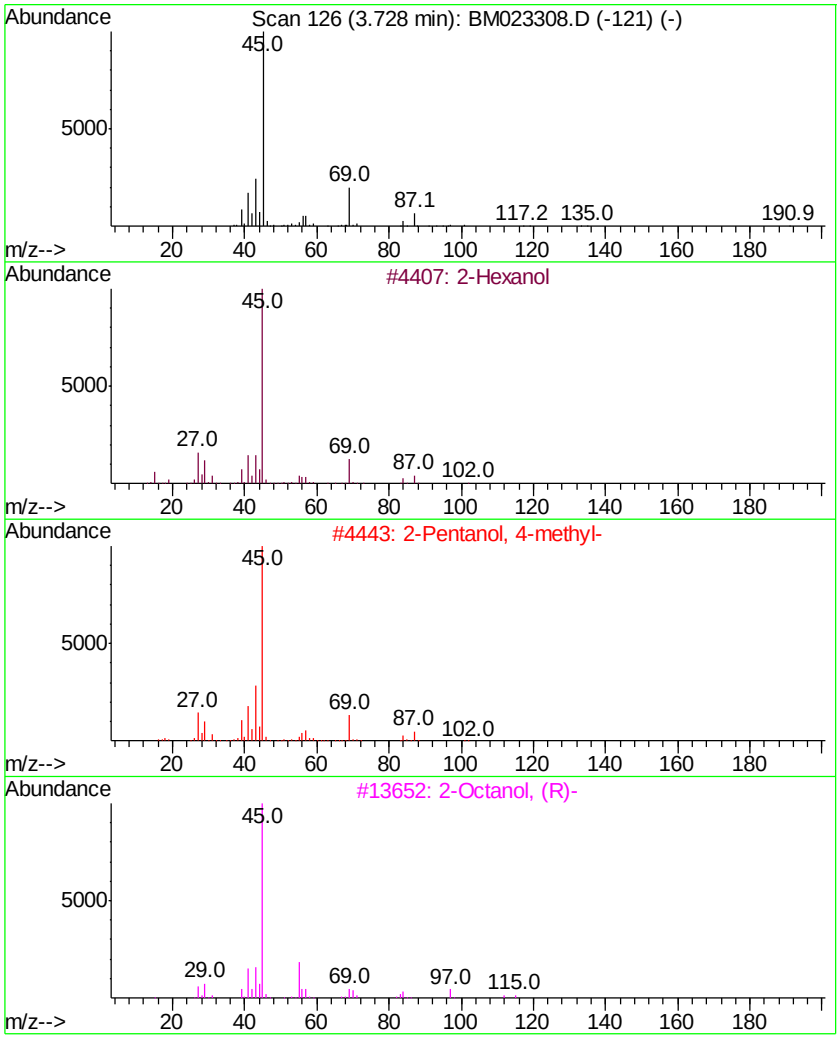
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

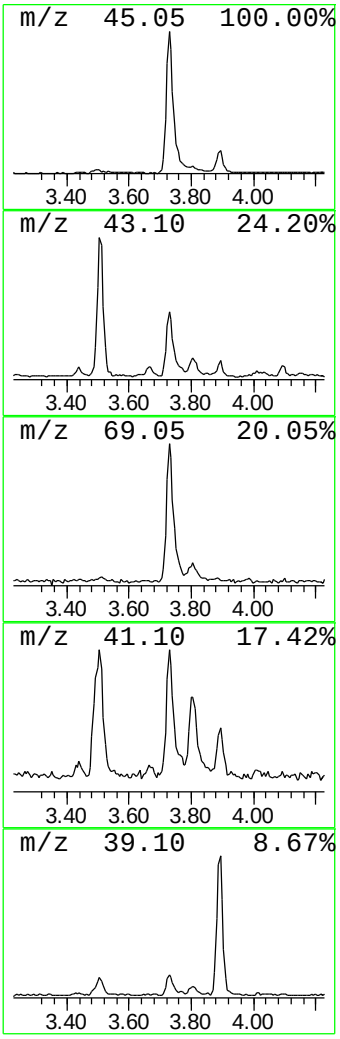
****

Peak Number 1 2-Hexanol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.83 ng/ul	365288	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Octanol, (R)-	130	C8H18O	005978-70-1	78
4	2-Octanol	130	C8H18O	000123-96-6	78
5	2-Octanol, (S)-	130	C8H18O	006169-06-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
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Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

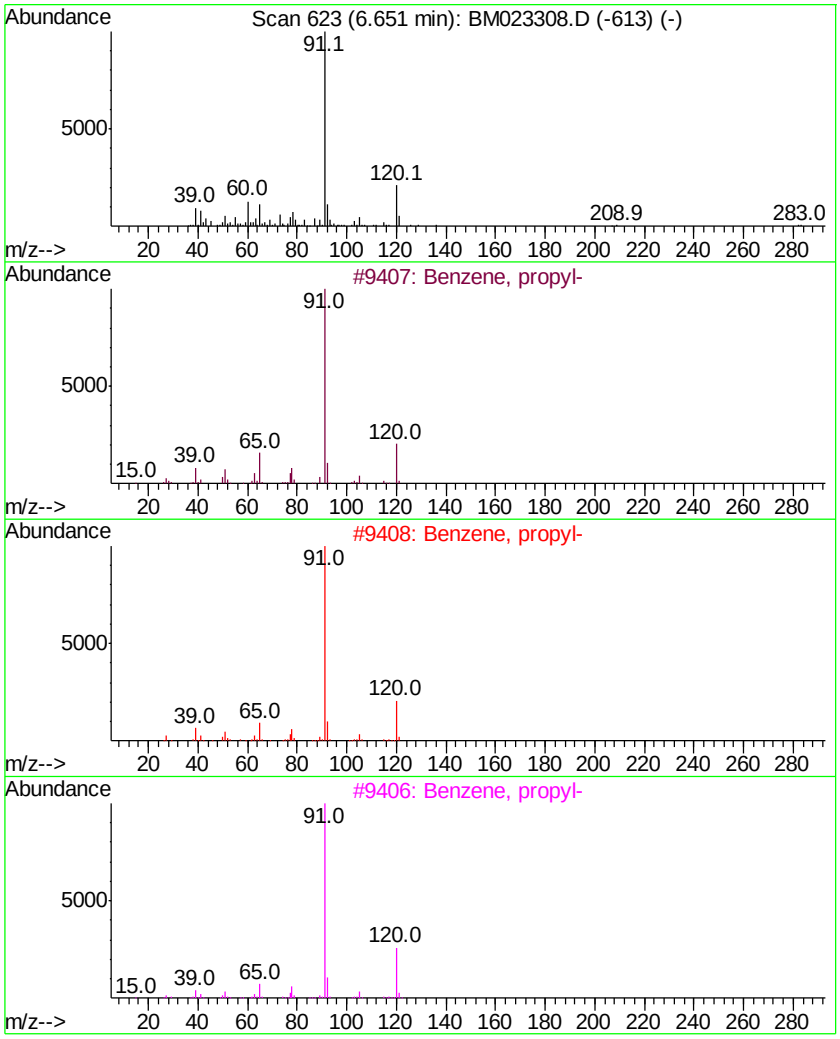
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

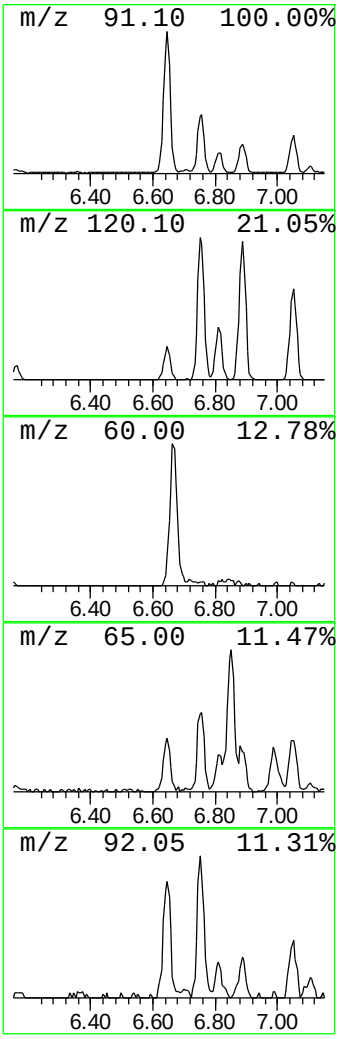
****

Peak Number 6 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	3.65 ng/ul	470175	1,4-Dichlorobenzene-d4	7.65

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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	59





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Data File : BM023308.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

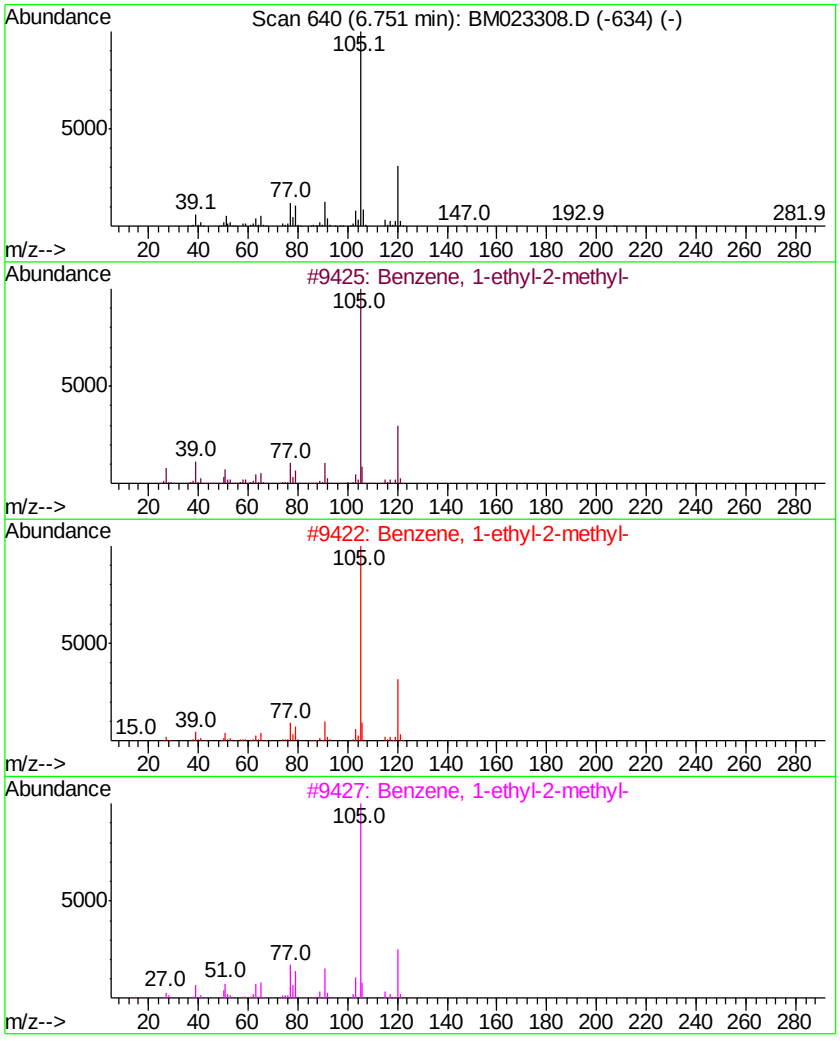
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

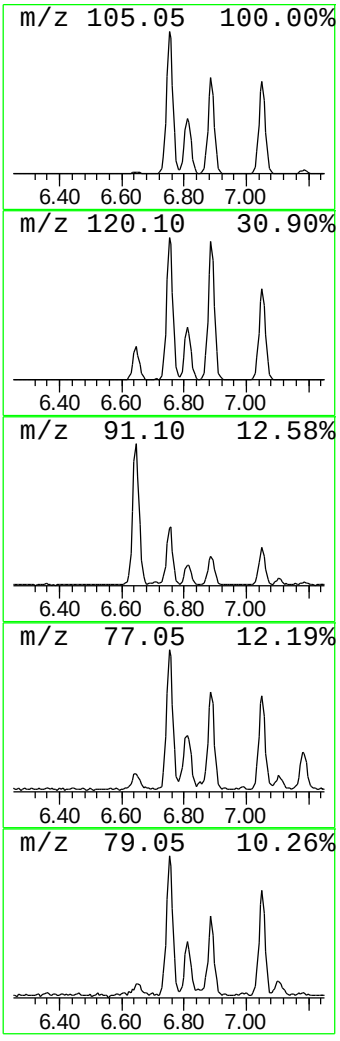
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	7.65 ng/ul	985710	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

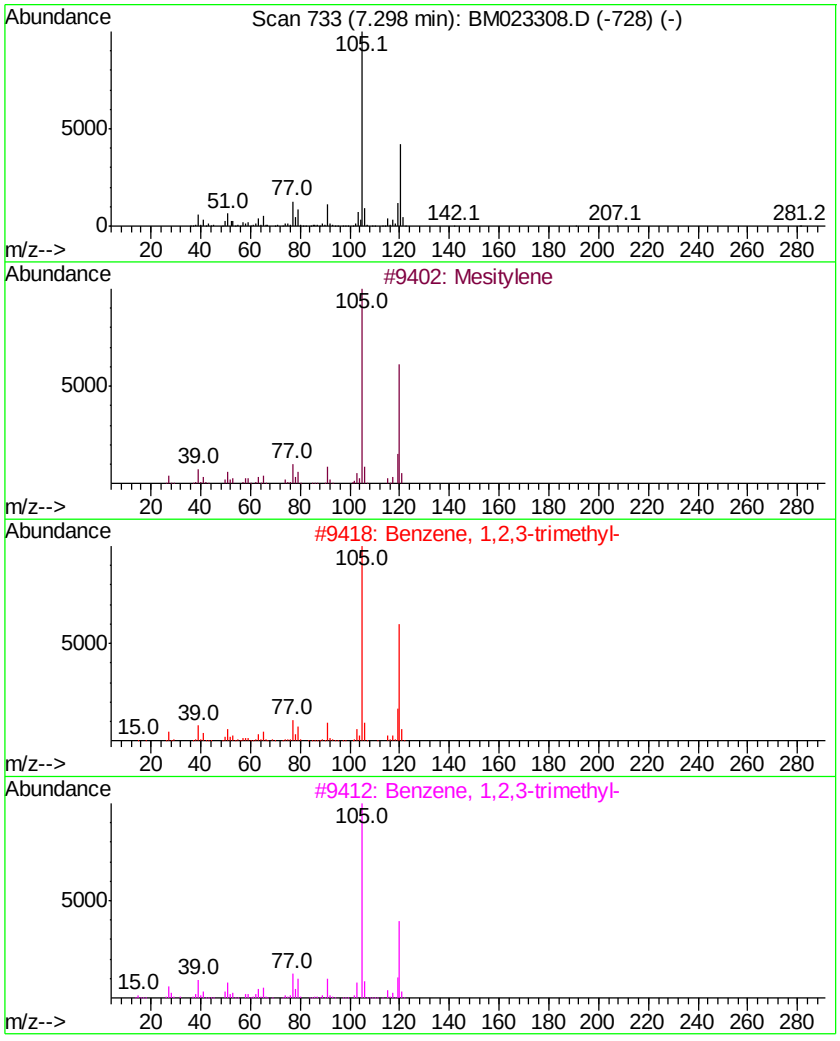
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

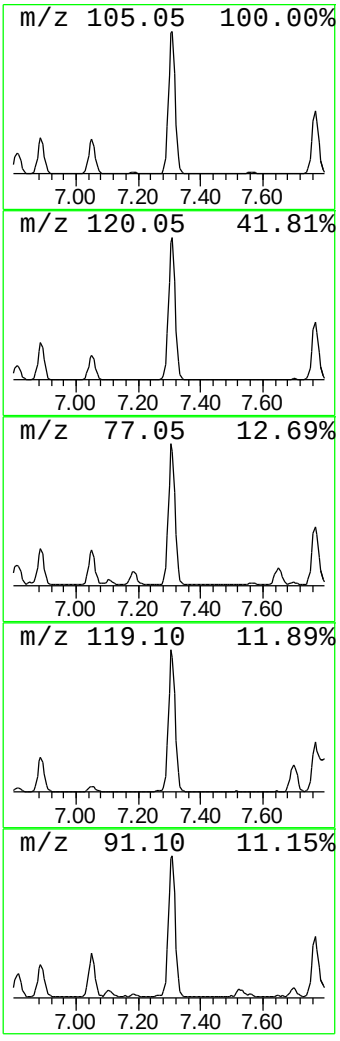
****

Peak Number 9 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	22.08 ng/ul	2846300	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

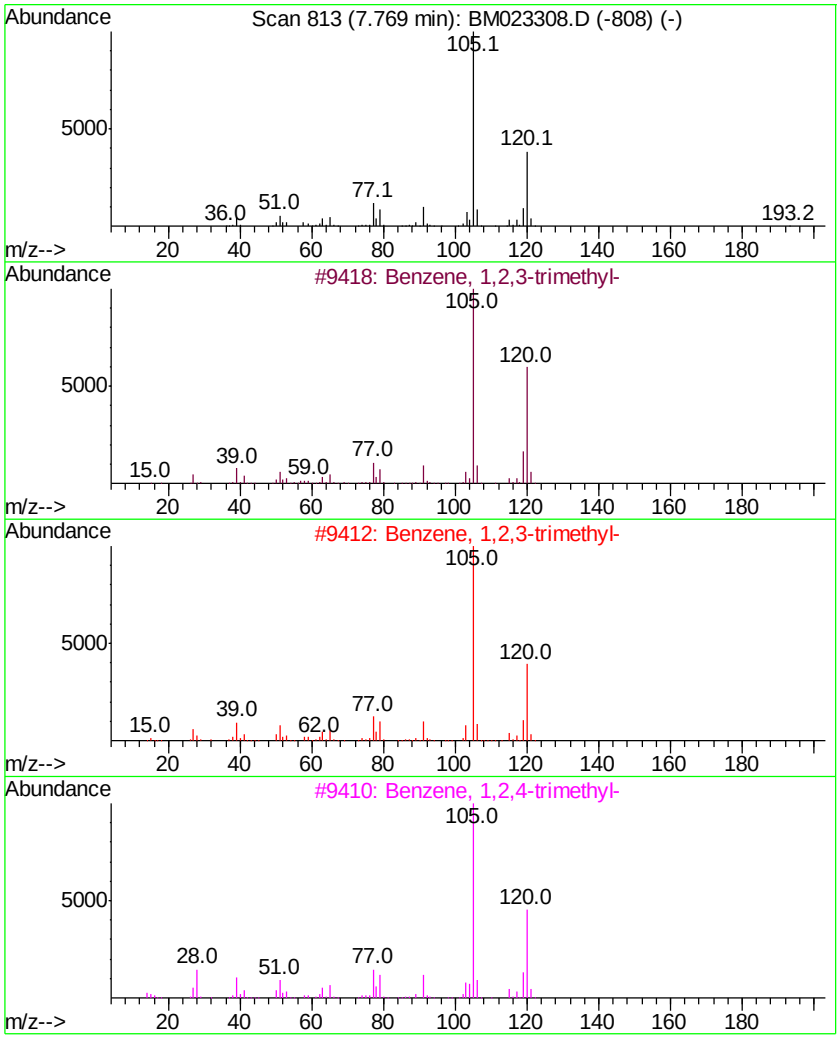
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

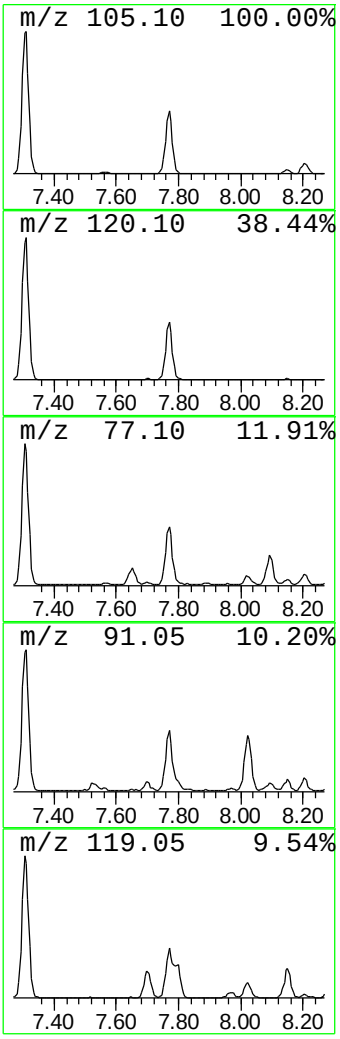
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	9.71 ng/ul	1251820	1,4-Dichlorobenzene-d4	7.65

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	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

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

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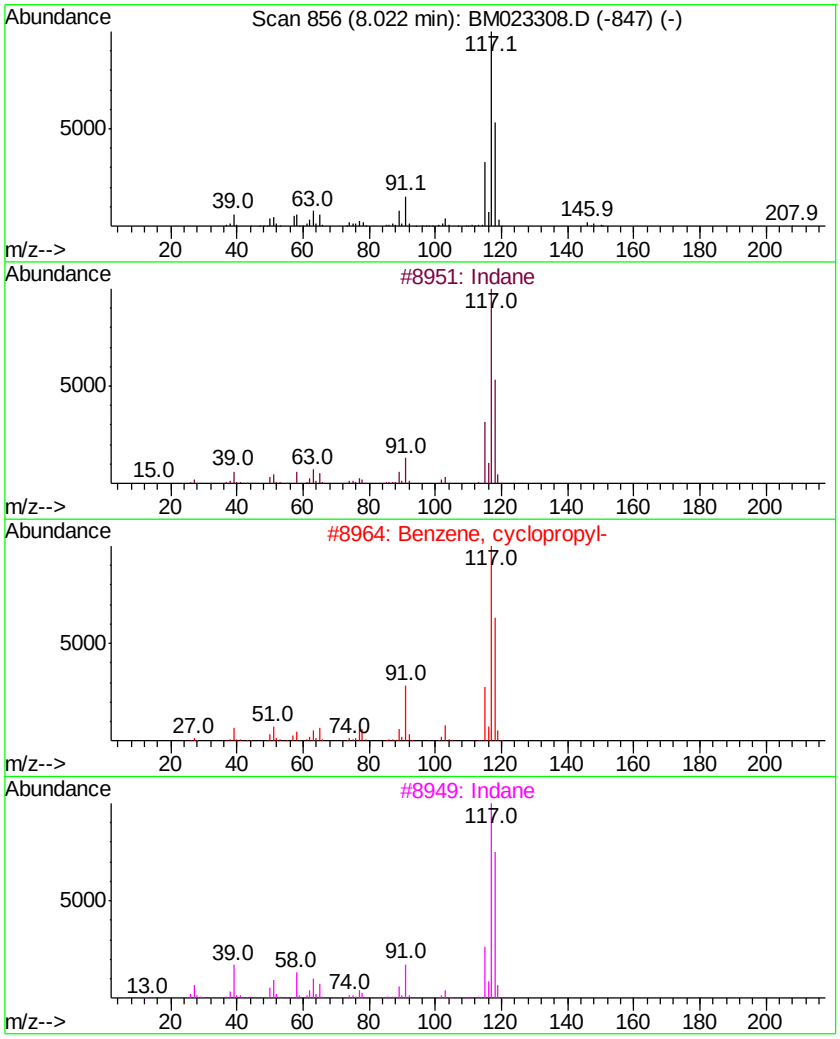
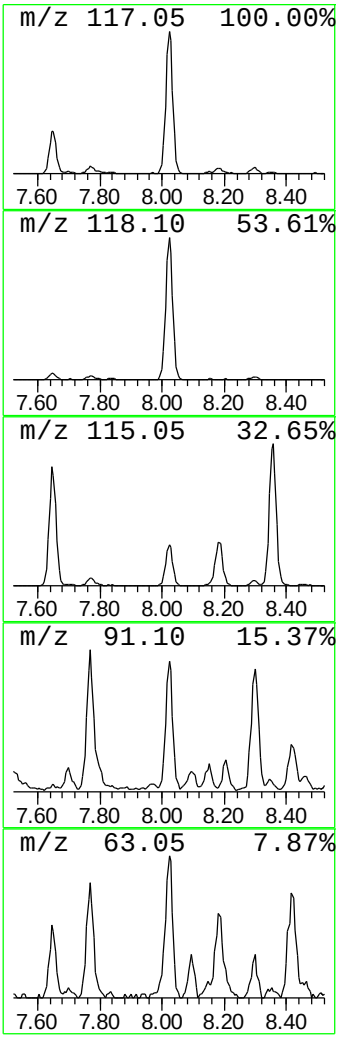
Peak Number 11 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	9.79 ng/ul	1261180	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53





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Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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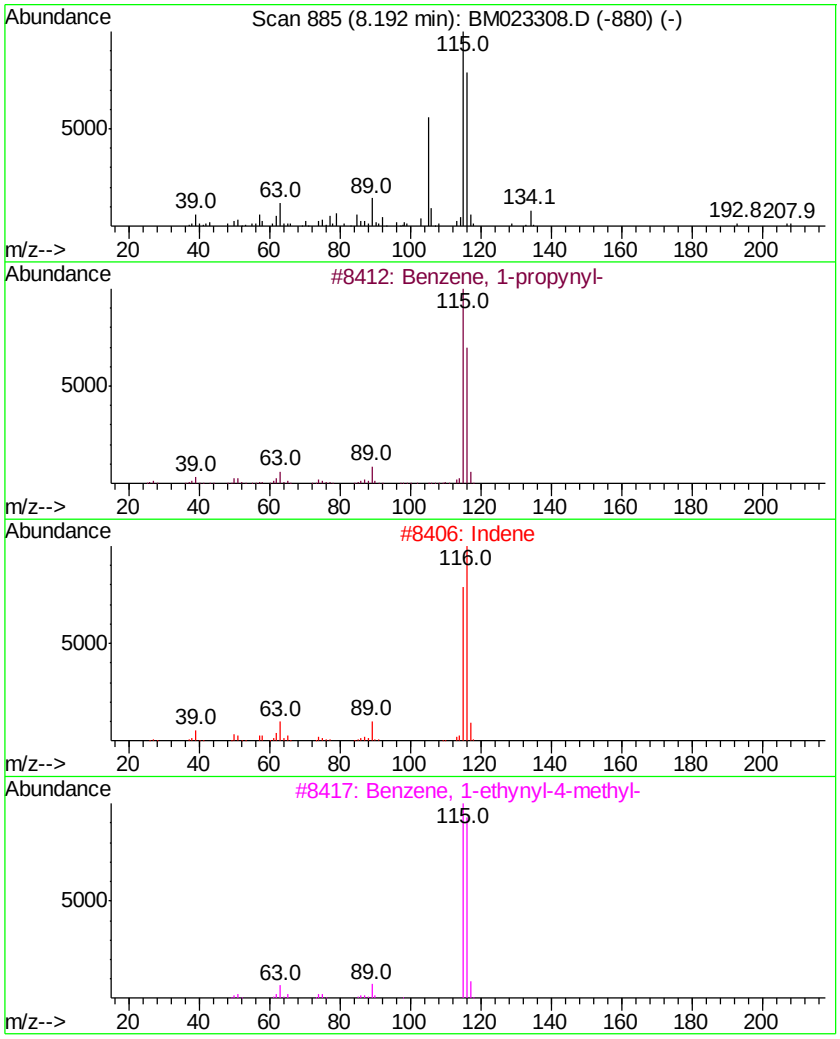
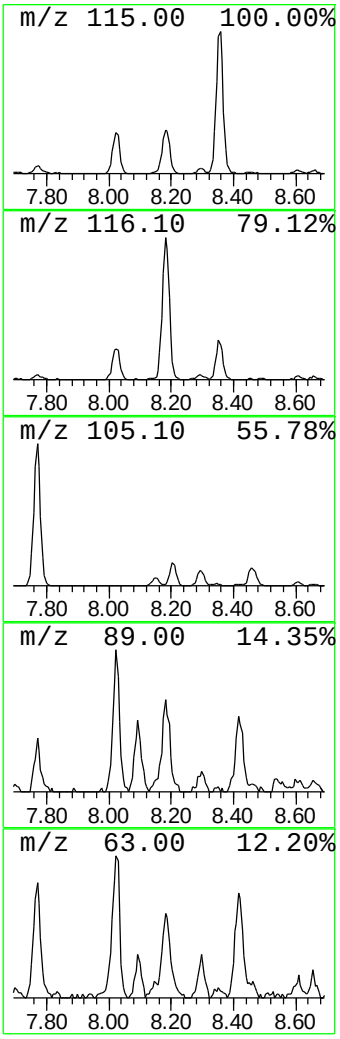
Peak Number 12 Benzene, 1-propynyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.41 ng/ul	439821	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
2	Indene	116	C9H8	000095-13-6	90
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

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

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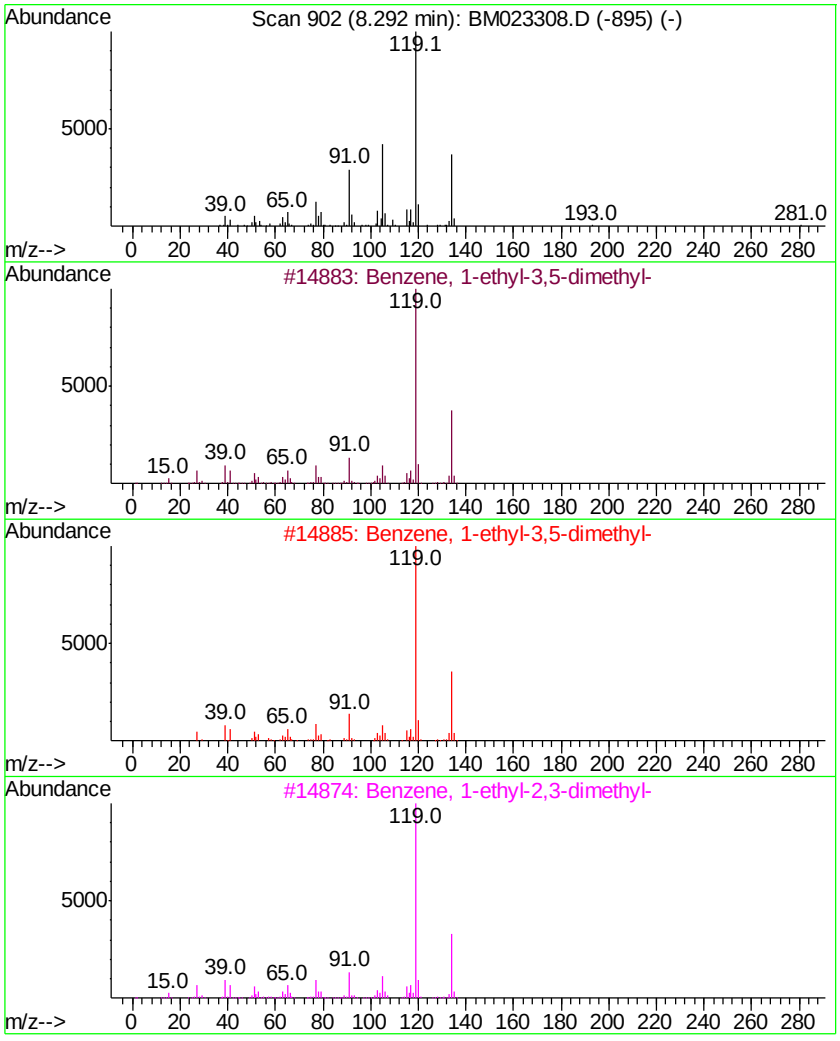
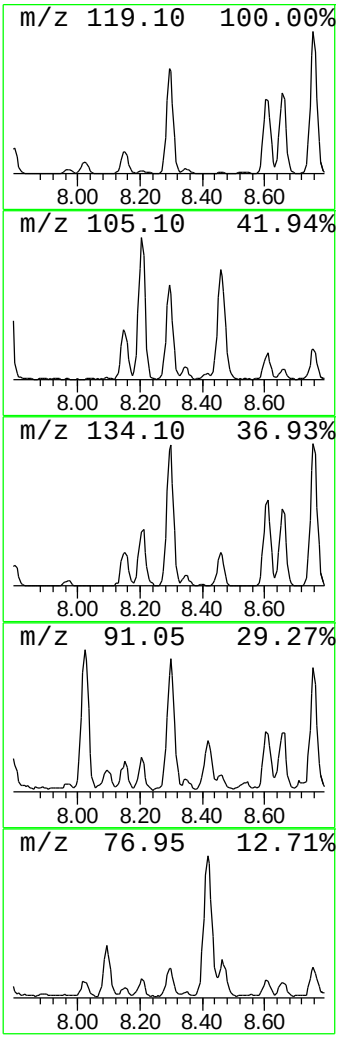
Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	3.53 ng/ul	455176	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





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Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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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 Phenol, 2,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	3.15 ng/ul	562722	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	89
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	86
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	86
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83
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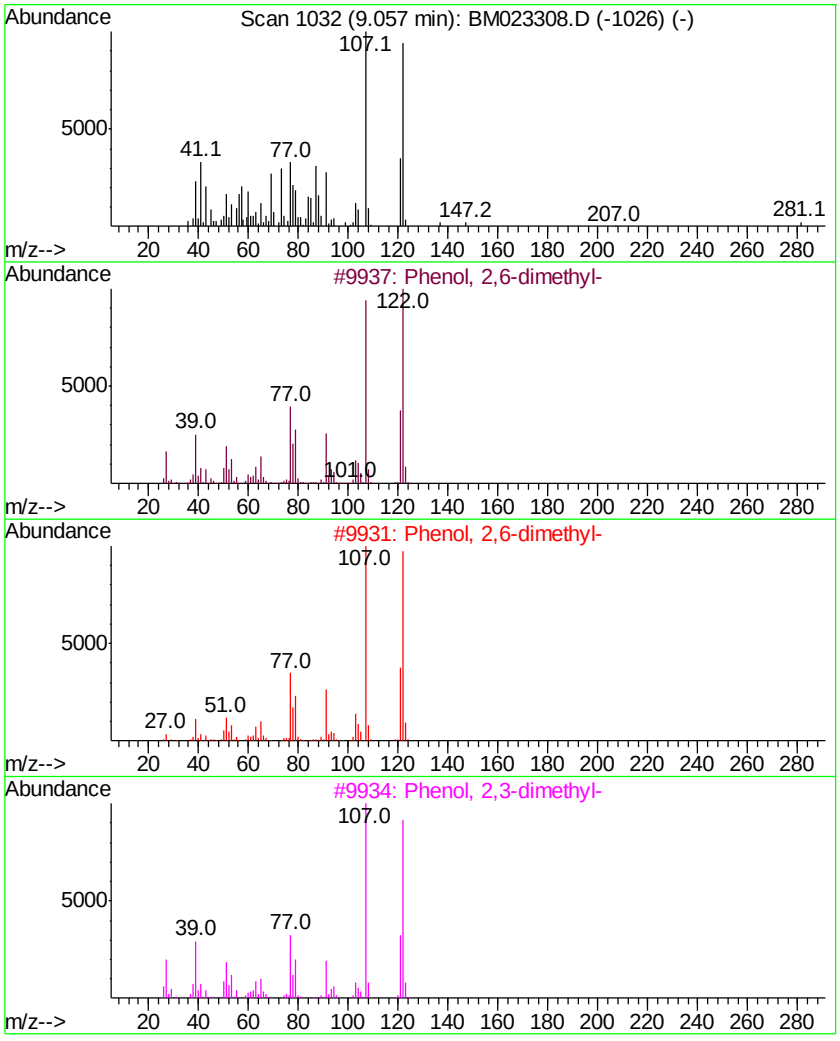

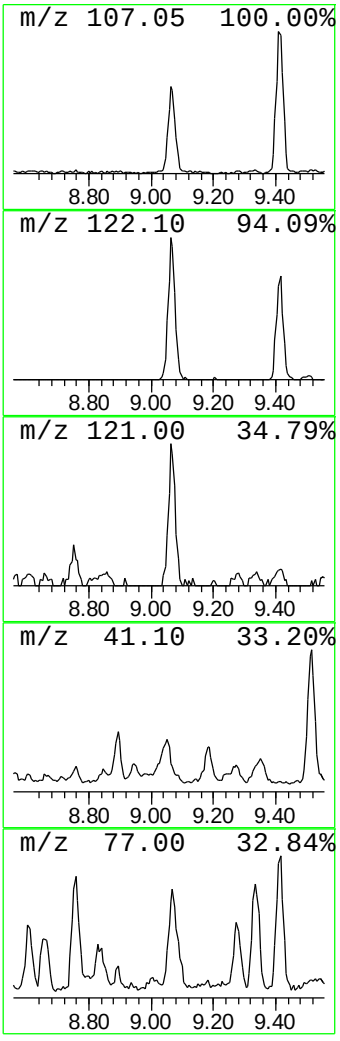

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Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

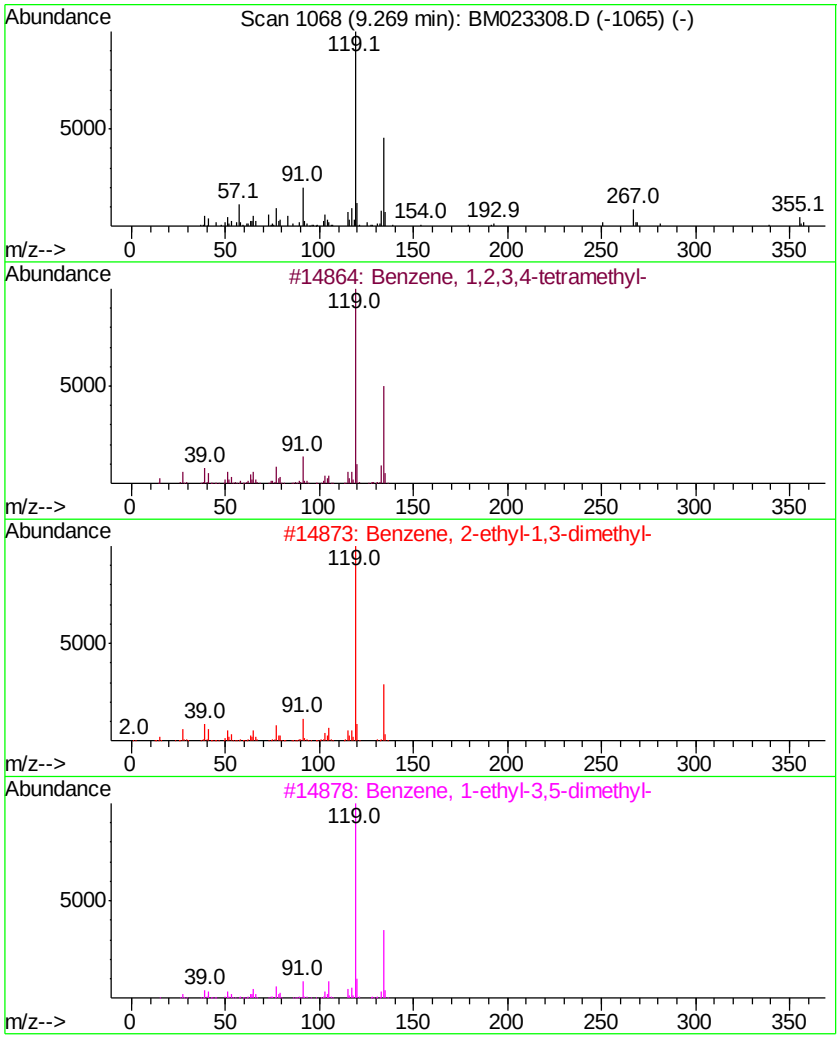
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

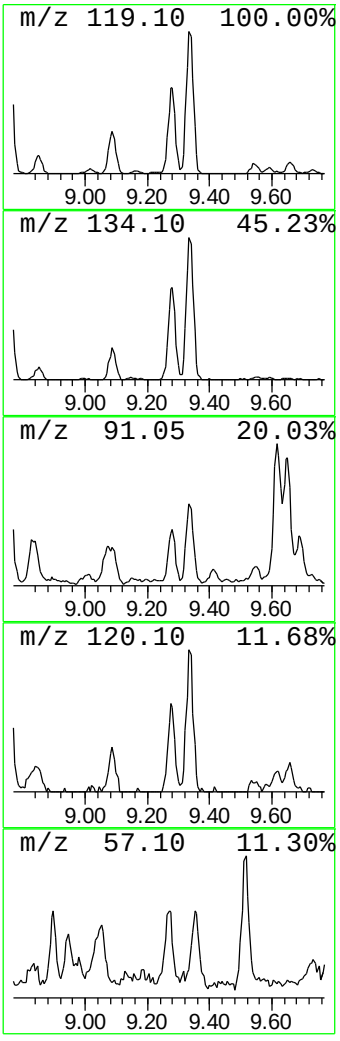
****

Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.09 ng/ul	373964	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

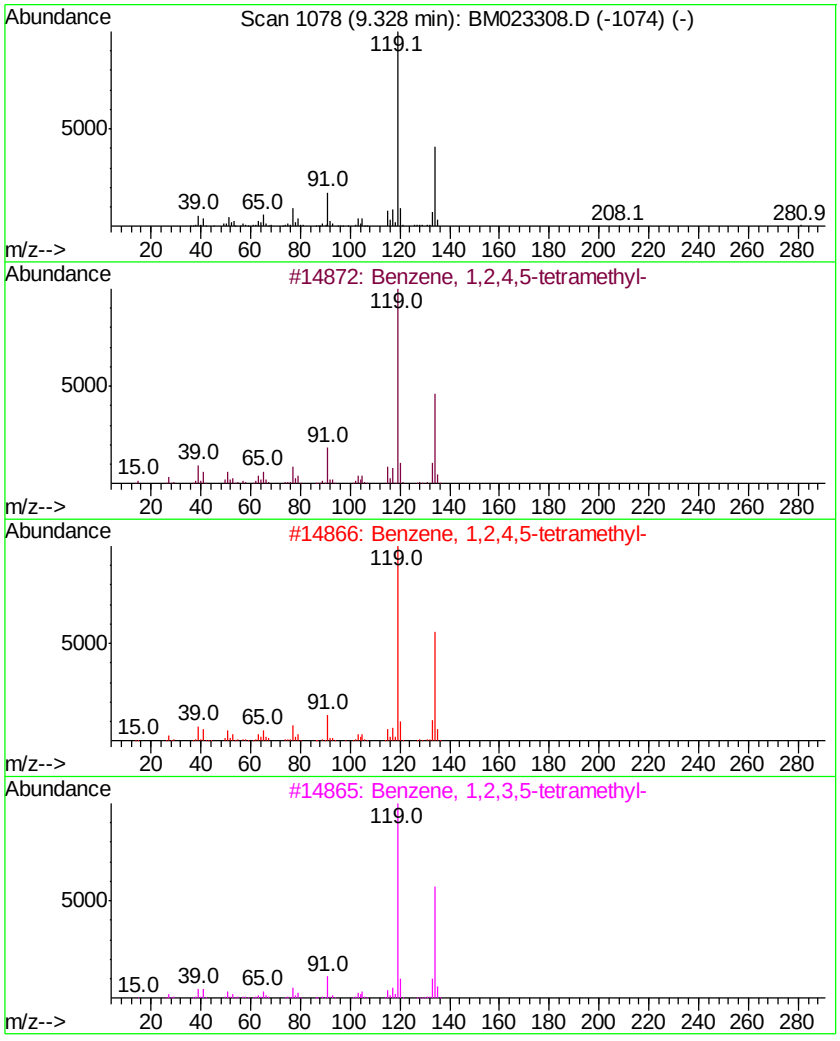
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

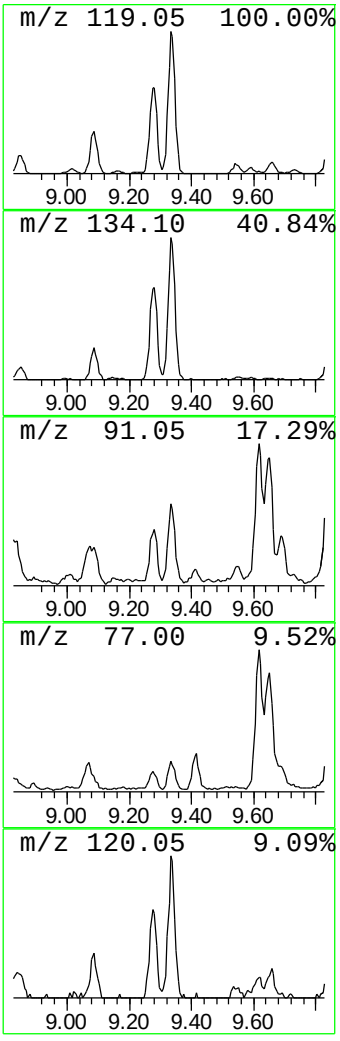
****

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	3.21 ng/ul	573456	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	o-Cymene	134	C10H14	000527-84-4	94





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Misc :
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Instrument : BNA_M
ClientSampleId : BF6K9

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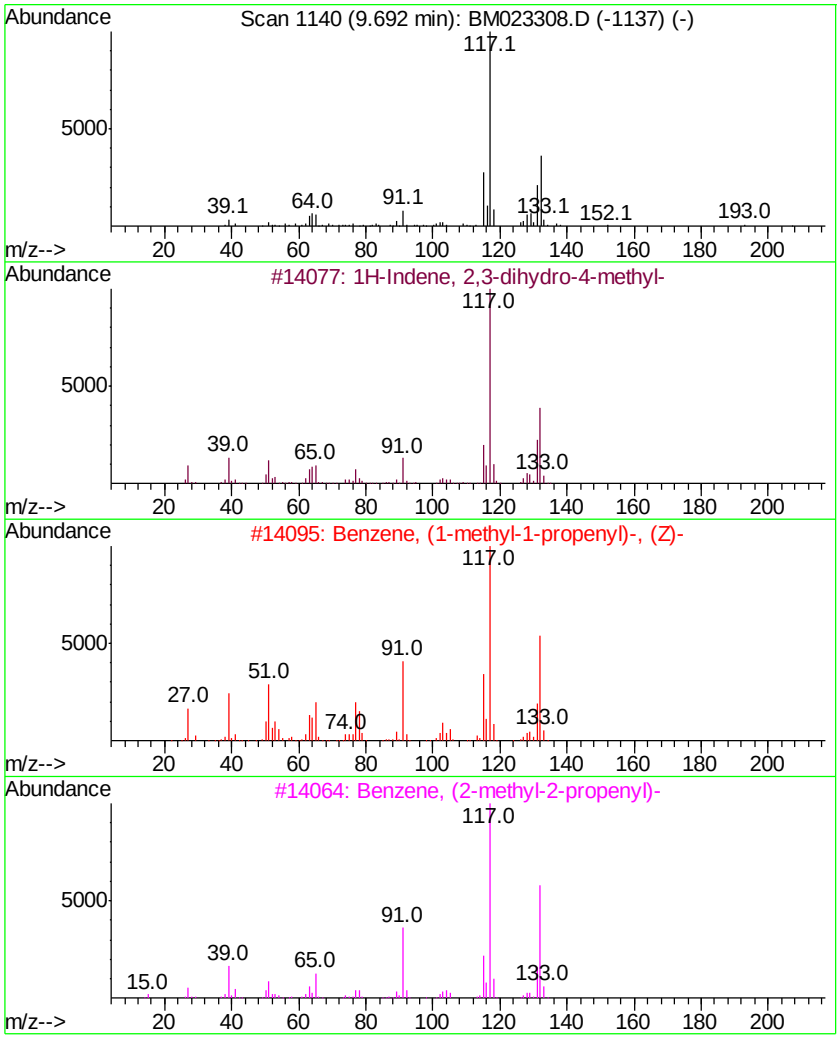
Quant Title : SVOA CALIBRATION

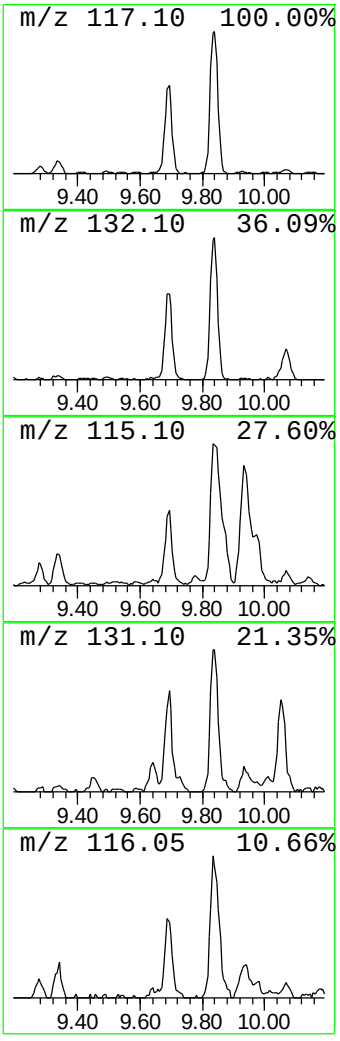
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	2.27 ng/ul	405453	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	78
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





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Misc :
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Instrument : BNA_M
ClientSampleId : BF6K9

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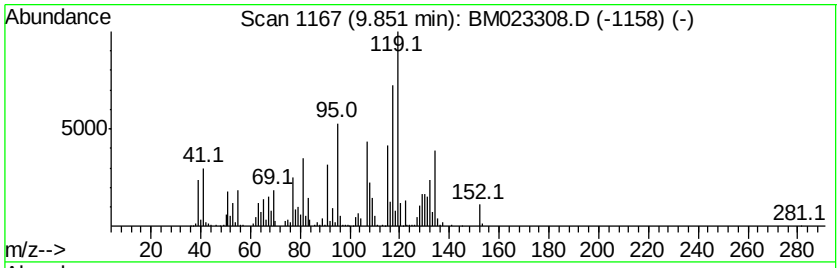
Quant Title : SVOA CALIBRATION

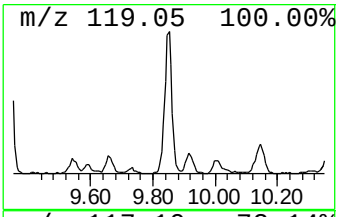
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

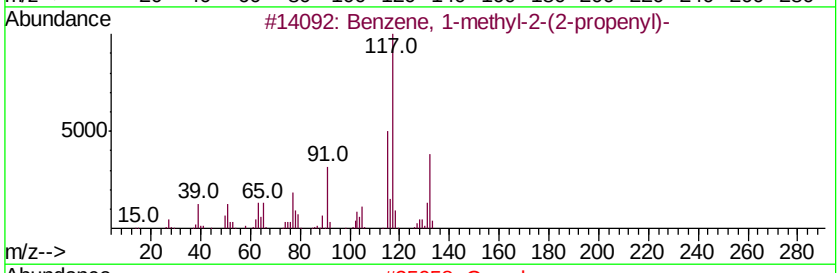
****
Peak Number 18 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

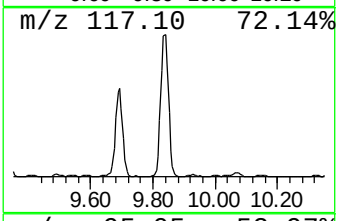
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	10.40 ng/ul	1860140	Naphthalene-d8	10.43

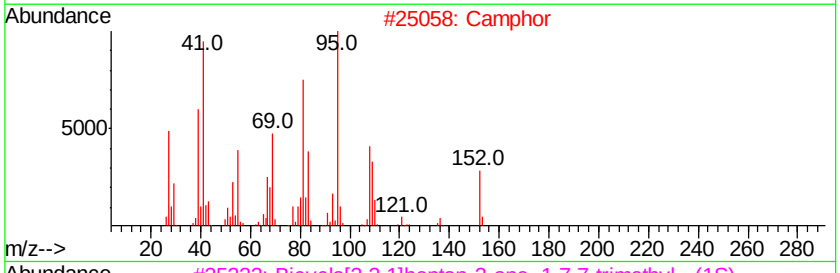
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
2	Camphor	152	C10H16O	000076-22-2	59
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	53
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	45
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	45

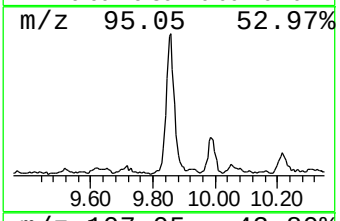


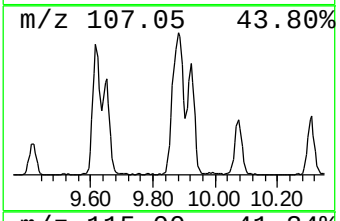


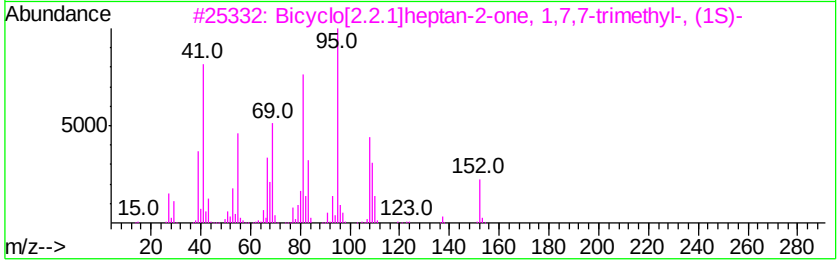


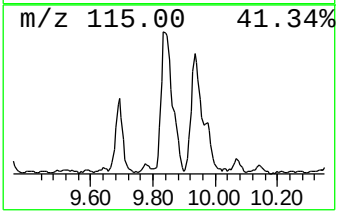












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Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

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

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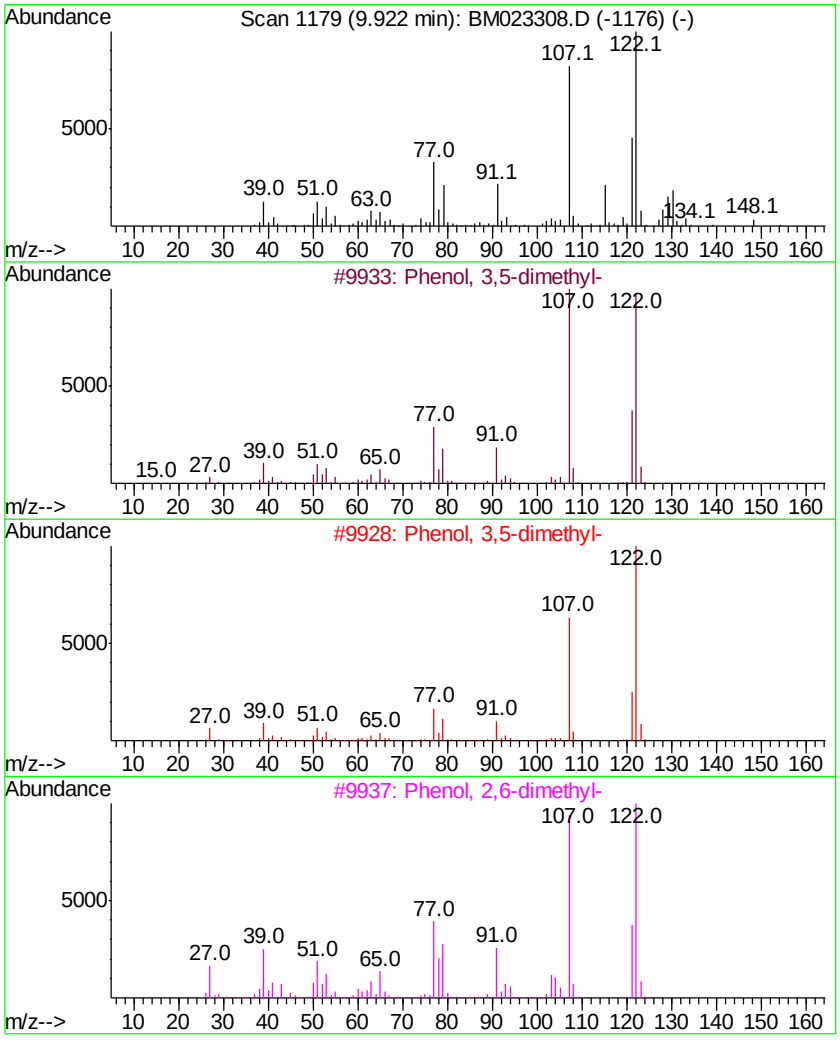
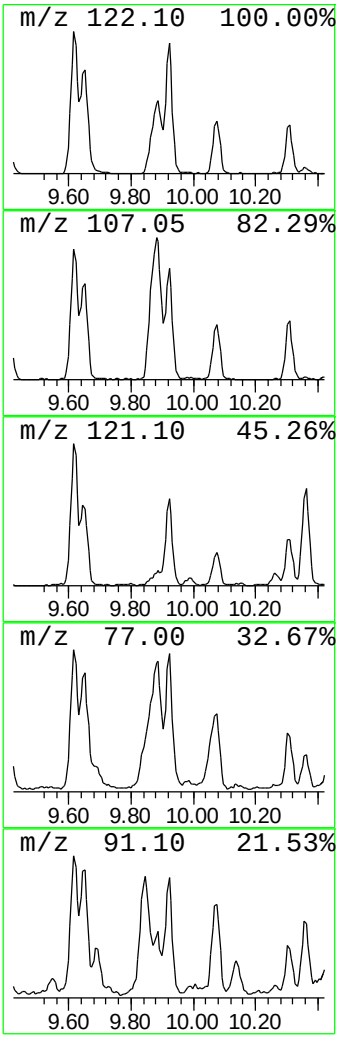
Peak Number 19 Phenol, 3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.11 ng/ul	1093700	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	76
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	74
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	74
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	72





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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

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

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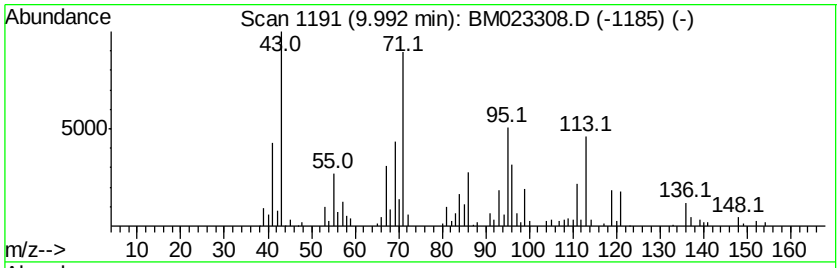
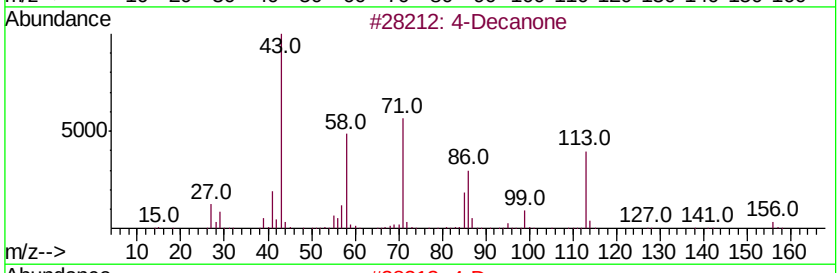
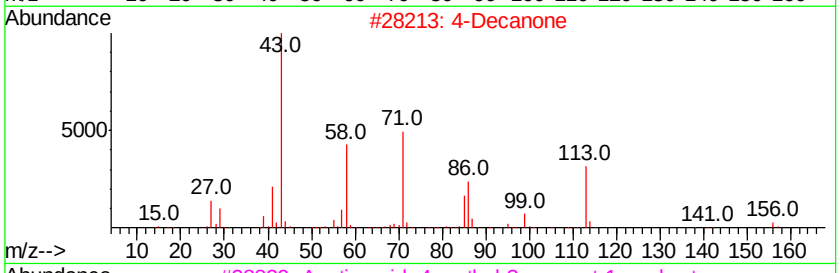
Peak Number 20 unknown-01 Concentration Rank 32

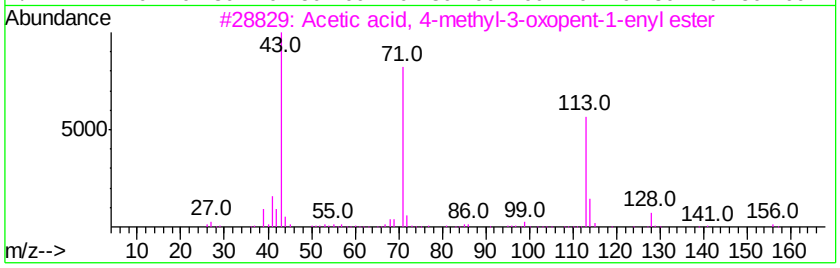
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	2.14 ng/ul	383032	Naphthalene-d8	10.43

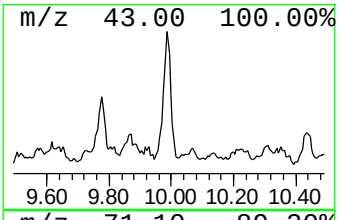
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decanone	156	C10H20O	000624-16-8	35
2	4-Decanone	156	C10H20O	000624-16-8	35
3	Acetic acid, 4-methyl-3-oxopent-...	156	C8H12O3	1000191-76-4	35
4	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	30
5	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	27

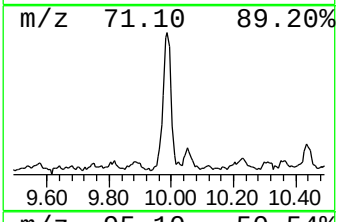


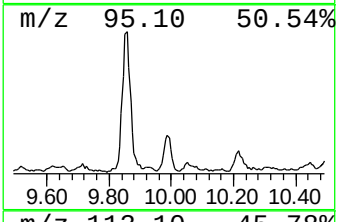


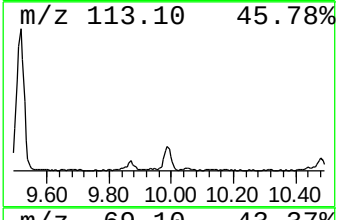


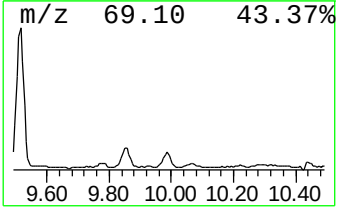












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Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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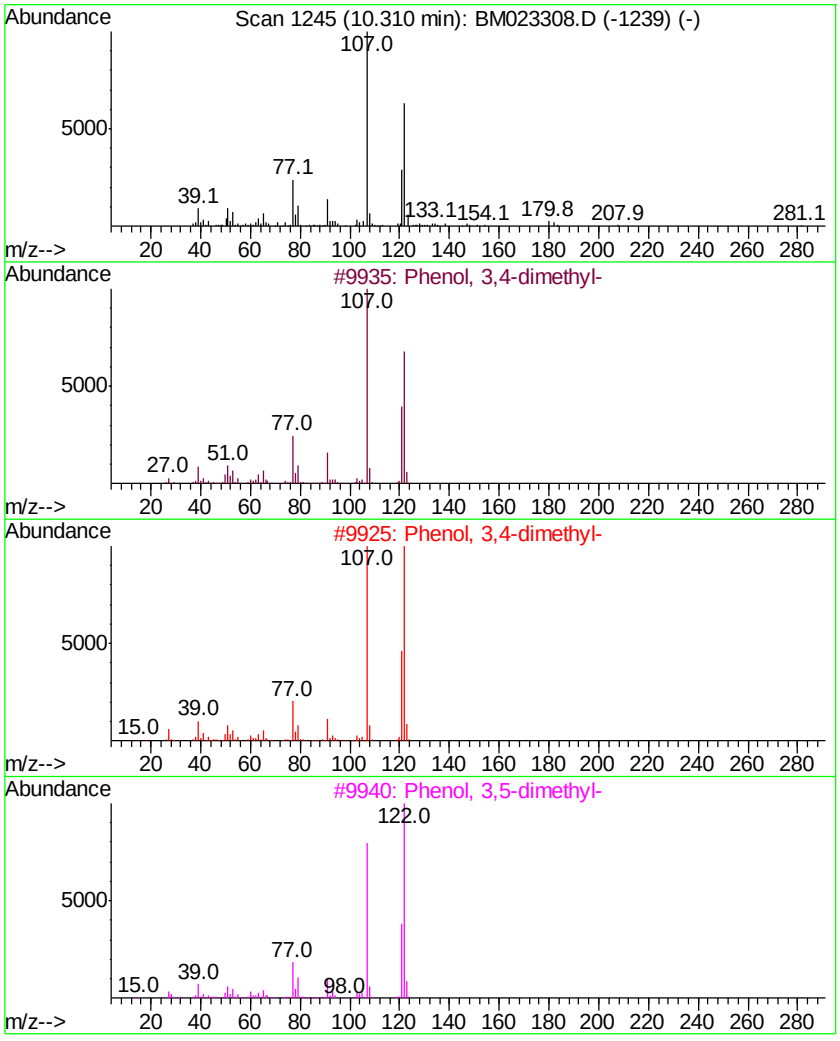
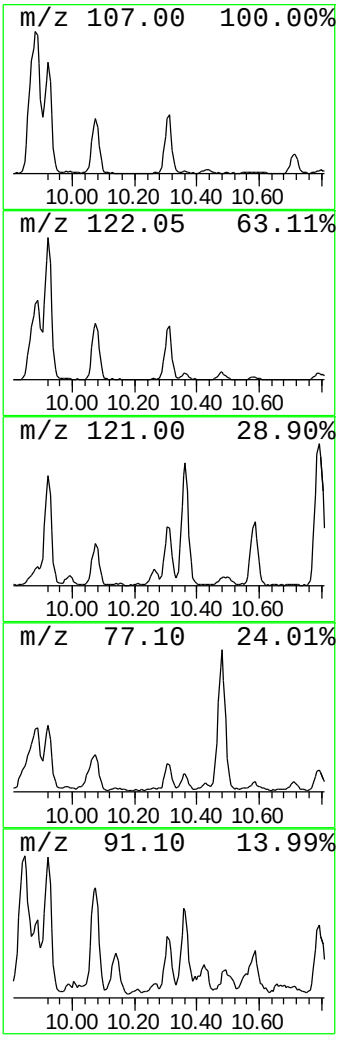
Peak Number 21 Phenol, 3,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.20 ng/ul	394145	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93





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Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

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

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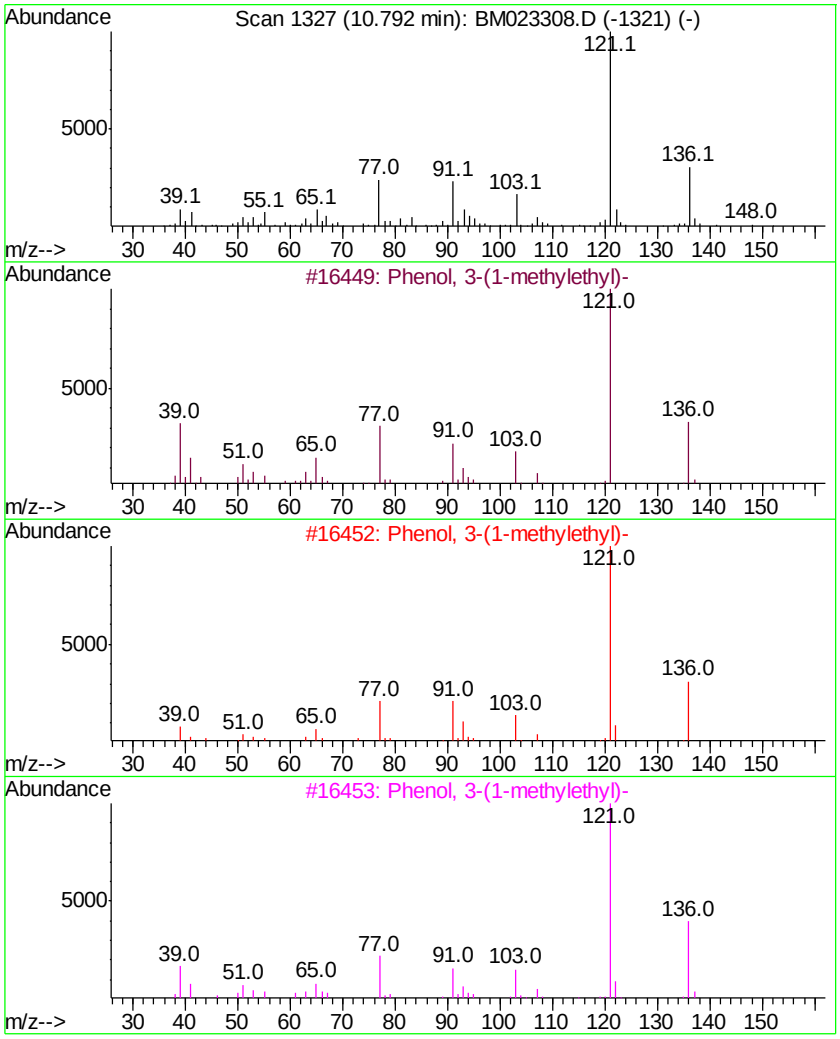
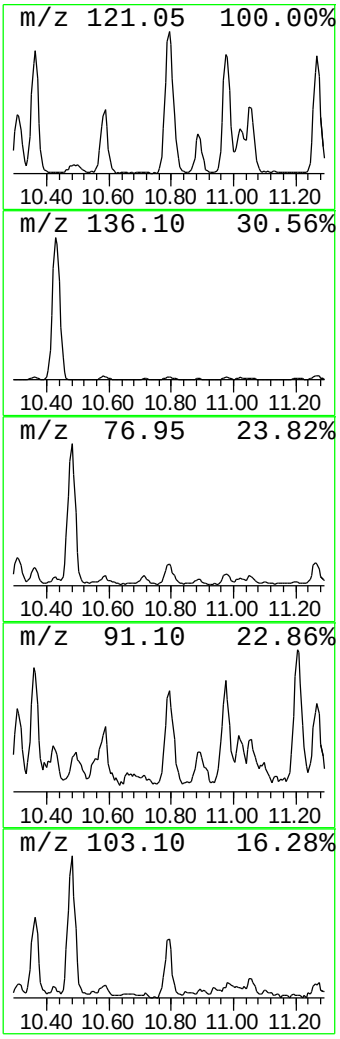
Peak Number 22 Phenol, 3-(1-methylethyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.11 ng/ul	377199	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	95
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	94
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91





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Acq On : 20 Oct 2019 04:13
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Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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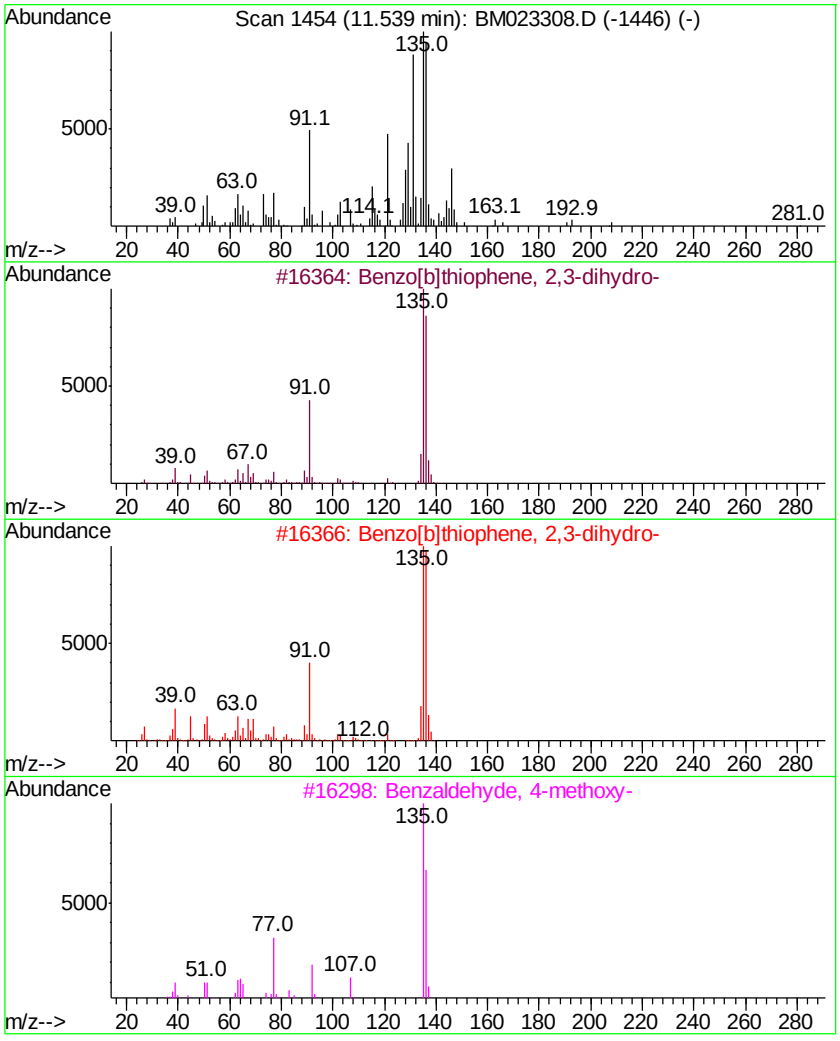
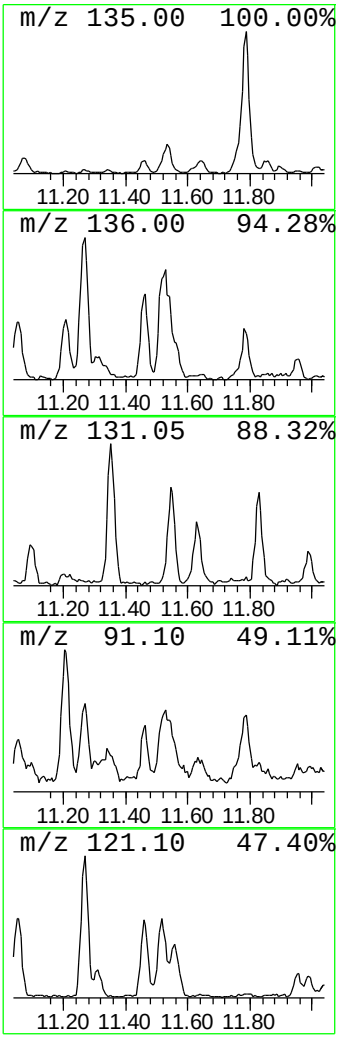
Peak Number 24 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.48 ng/ul	622304	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	80
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	46
3	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	43
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	41
5	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	41





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Acq On : 20 Oct 2019 04:13
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Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

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

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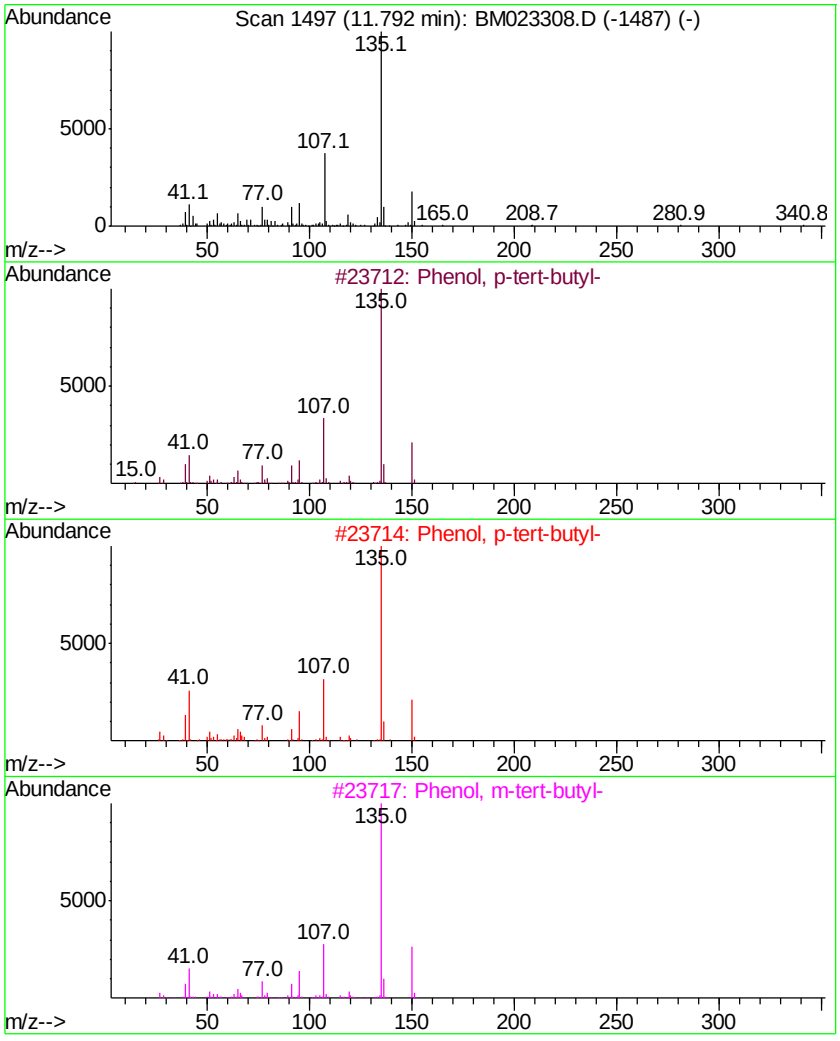
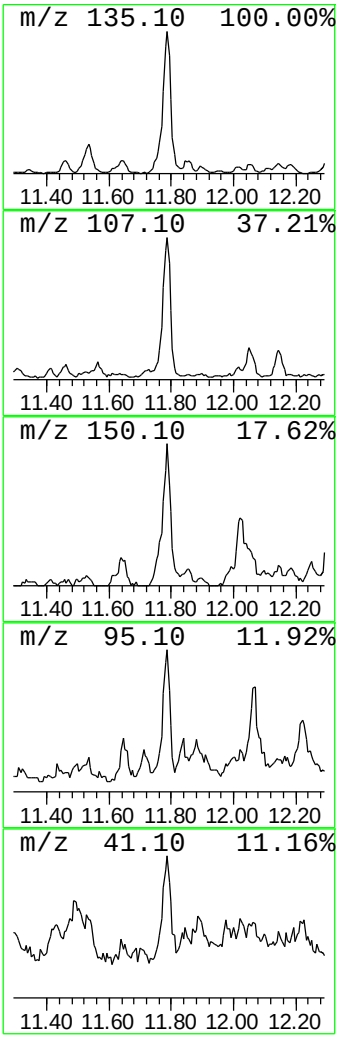
Peak Number 25 Phenol, p-tert-butyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.27 ng/ul	585278	Naphthalene-d8	10.43

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	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	74





Library Search Compound Report

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Acq On : 20 Oct 2019 04:13
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Misc :
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Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

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

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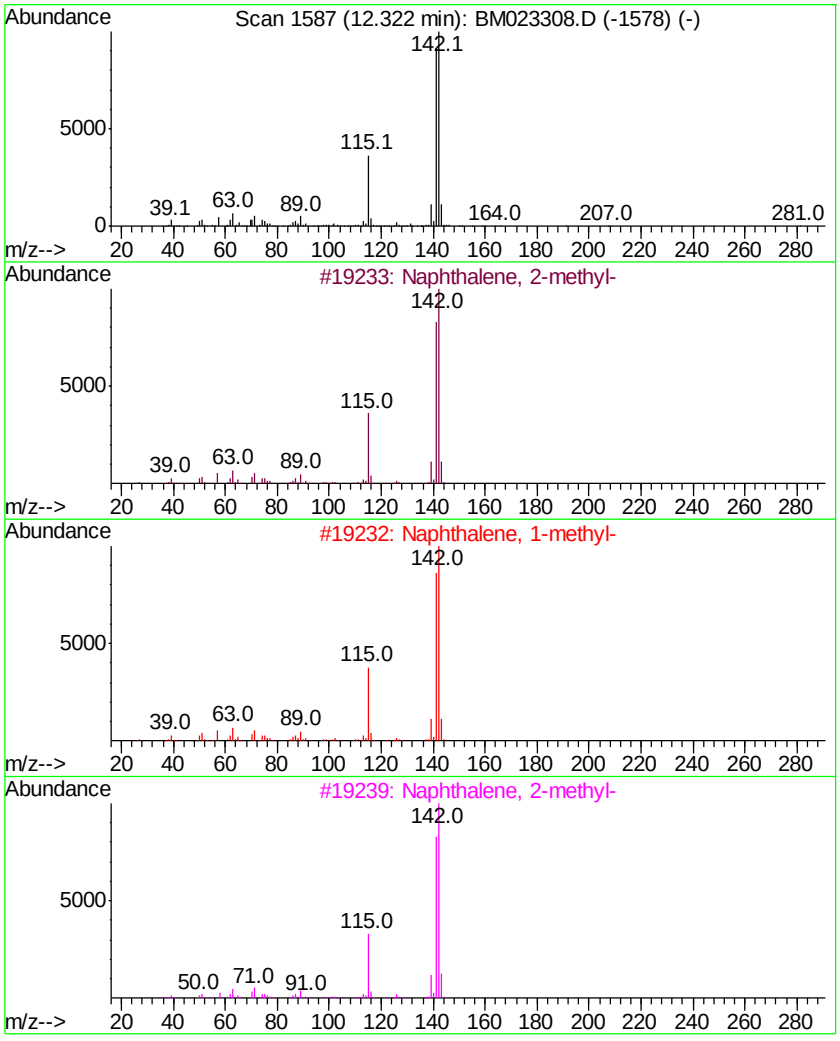
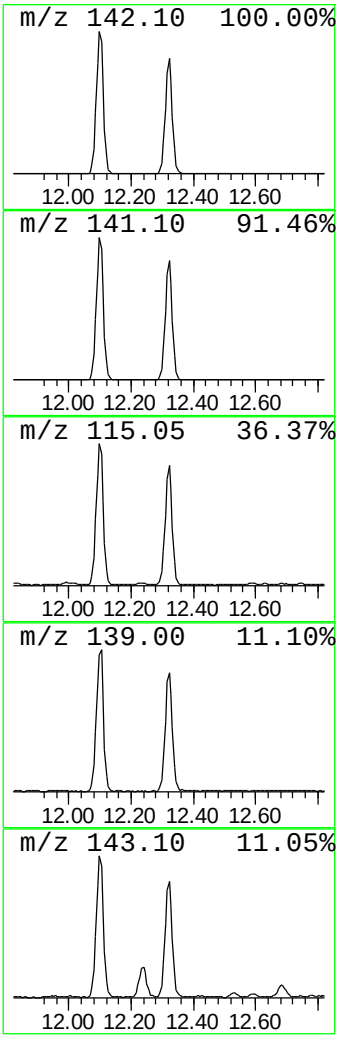
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	14.54 ng/ul	2600130	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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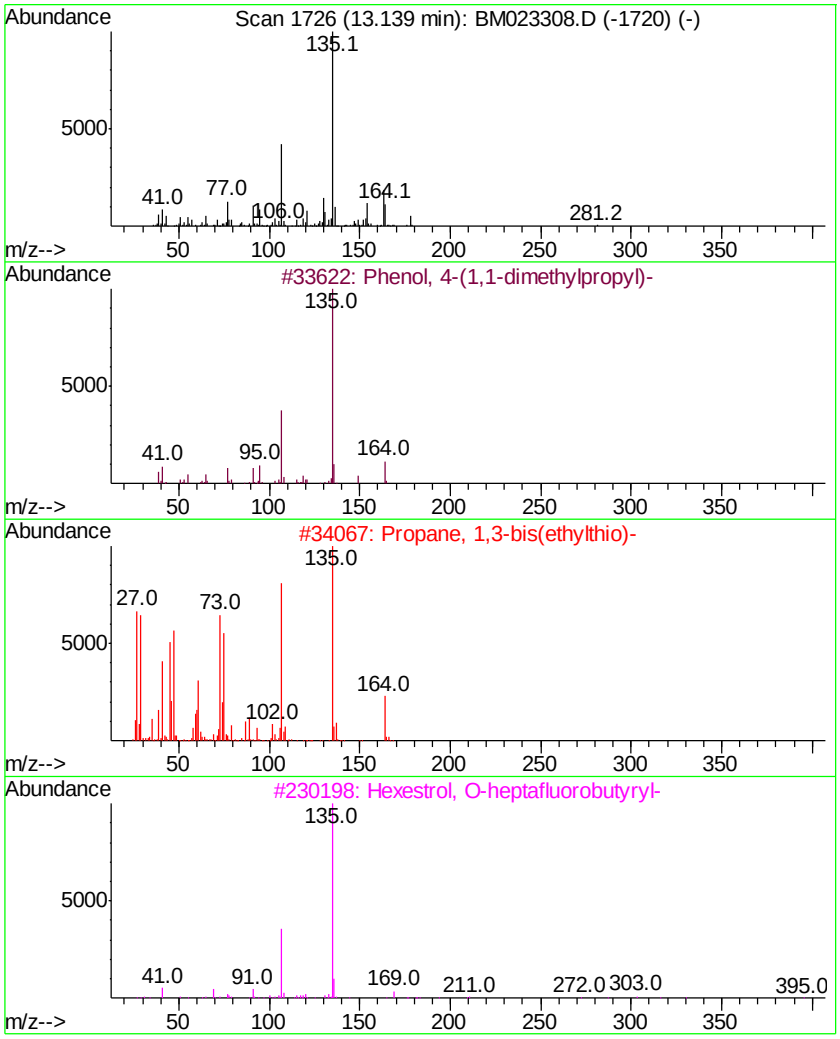
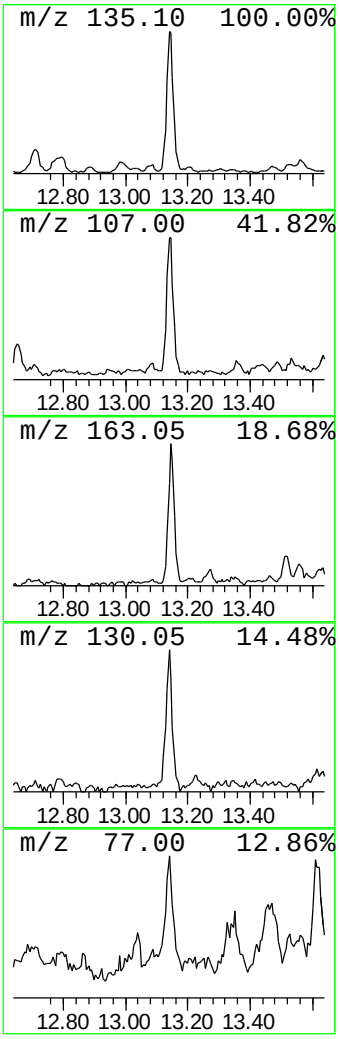
Peak Number 27 Phenol, 4-(1,1-dimethylprop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.86 ng/ul	671477	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	76
2	Propane, 1,3-bis(ethylthio)-	164	C7H16S2	033672-52-5	58
3	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	53
4	Hexestrol	270	C18H22O2	000084-16-2	53
5	m-Anisic hydrazide	166	C8H10N2O2	005785-06-8	53





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Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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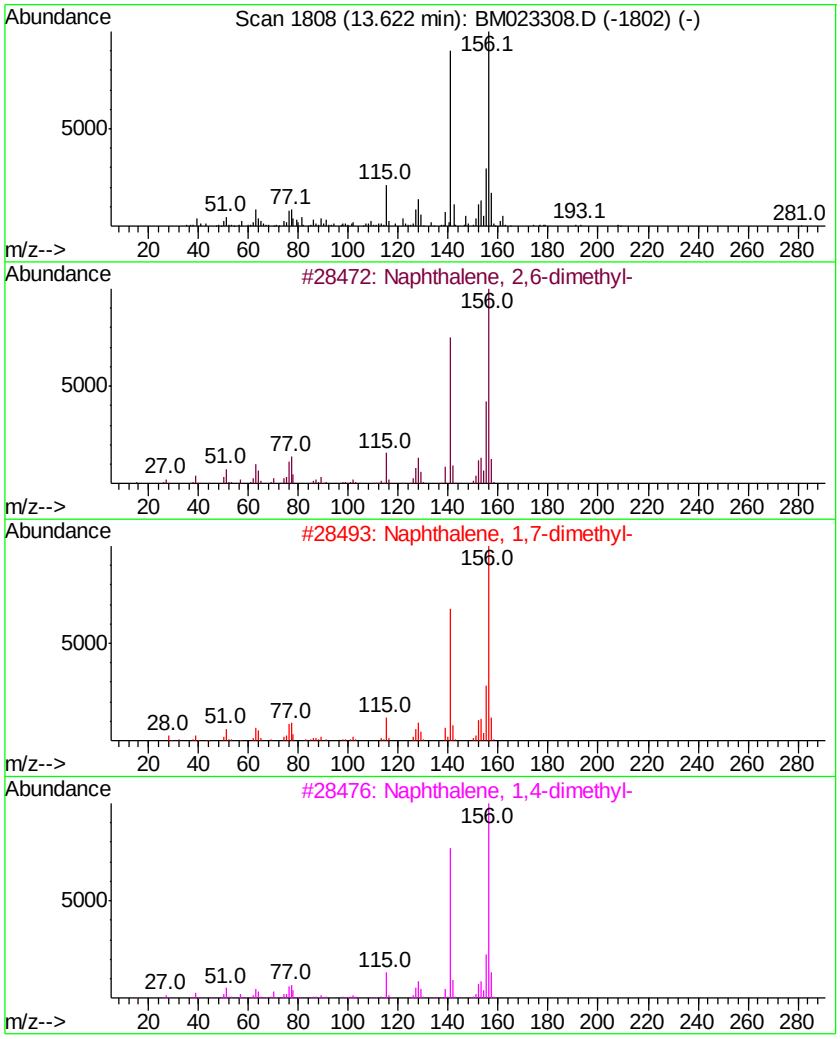
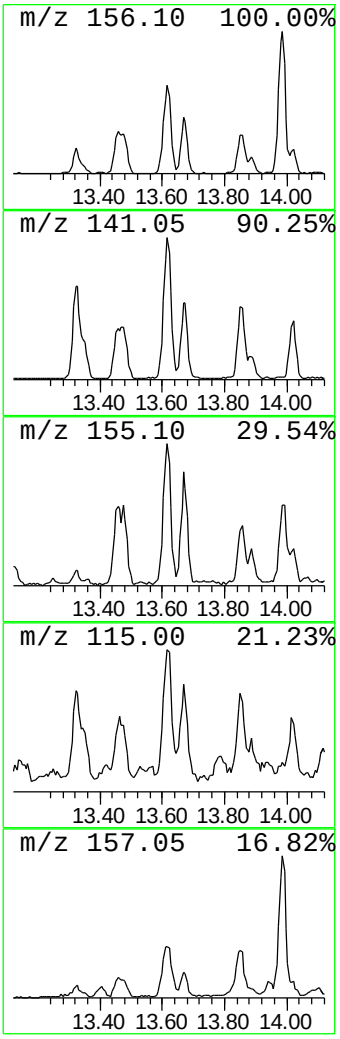
Peak Number 28 Naphthalene, 2,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.16 ng/ul	740775	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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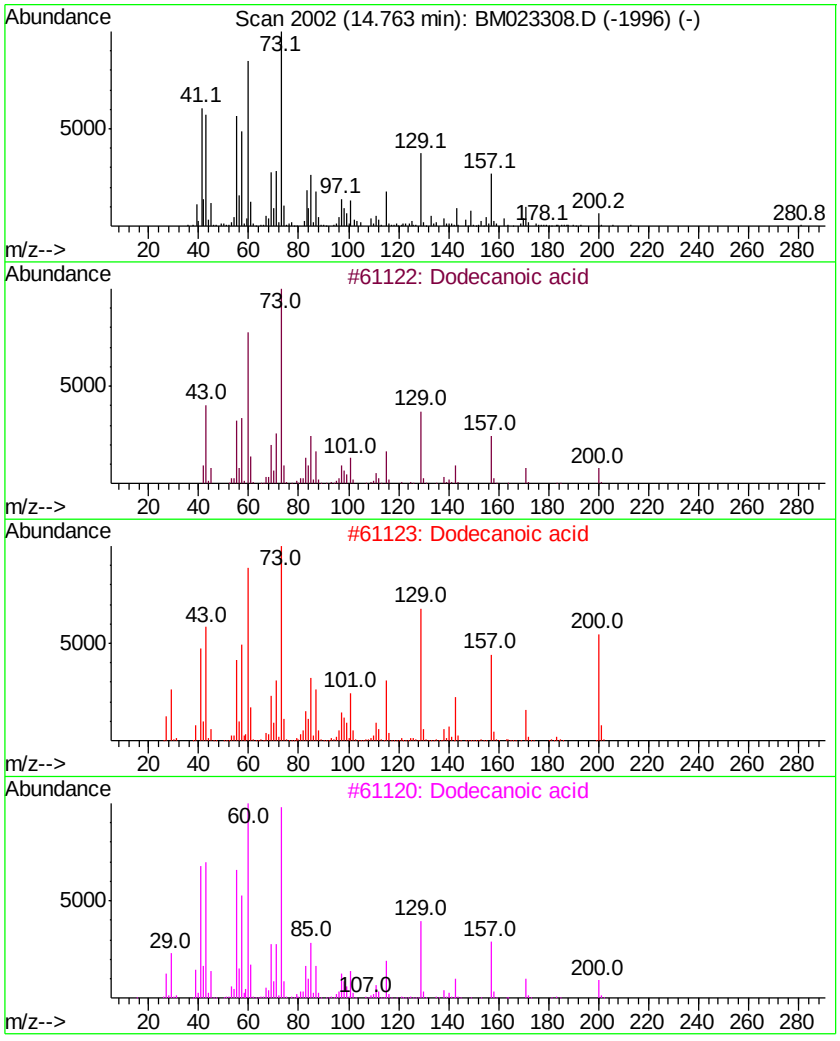
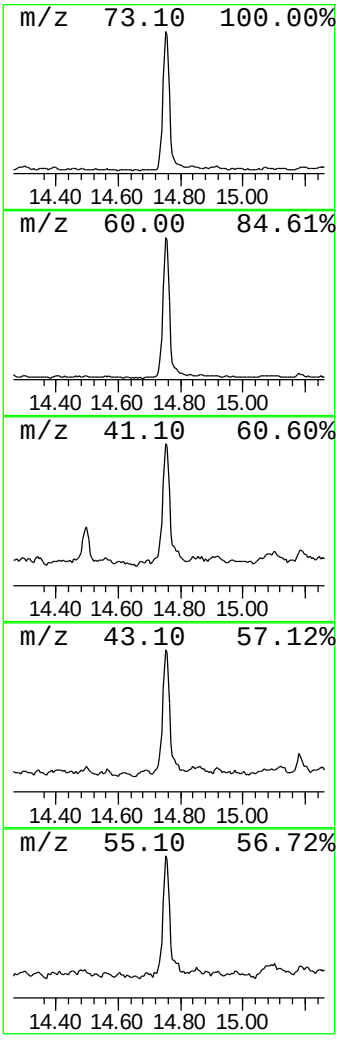
Peak Number 29 Dodecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.95 ng/ul	1629860	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	95
3	Dodecanoic acid	200	C12H24O2	000143-07-7	94
4	Dodecanoic acid	200	C12H24O2	000143-07-7	91
5	Dodecanoic acid	200	C12H24O2	000143-07-7	91





Library Search Compound Report

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Sample : K5344-04
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

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Quant Title : SVOA CALIBRATION

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

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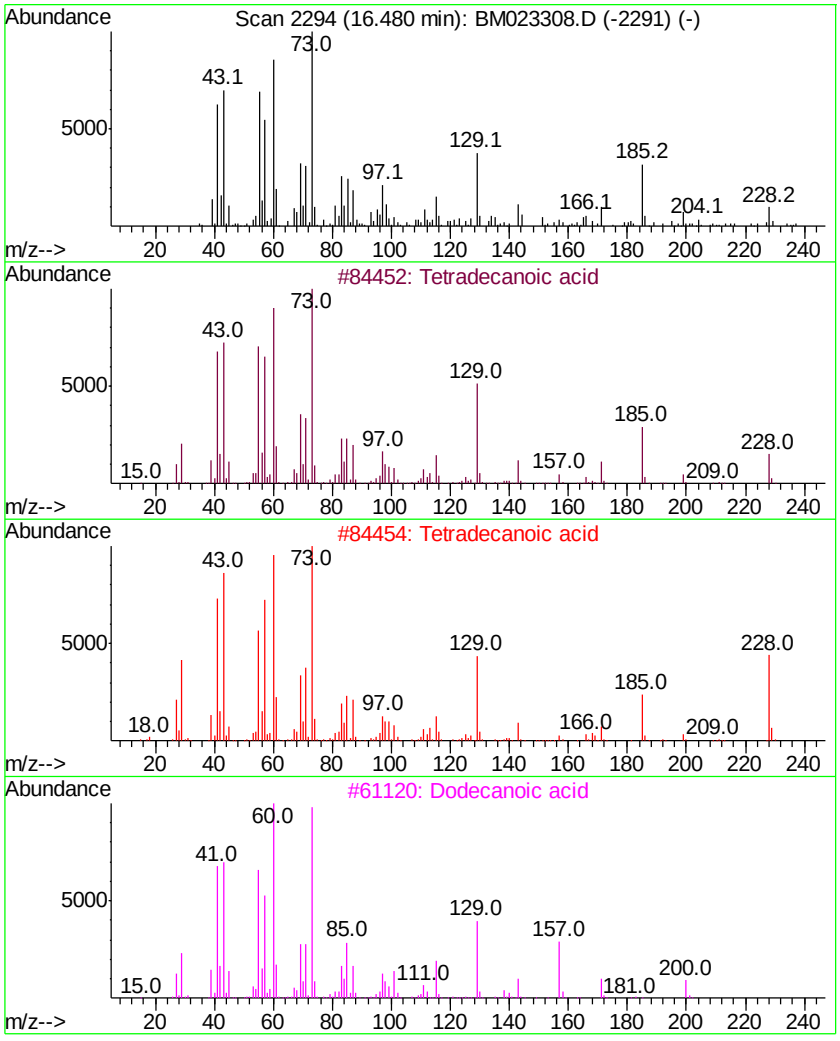
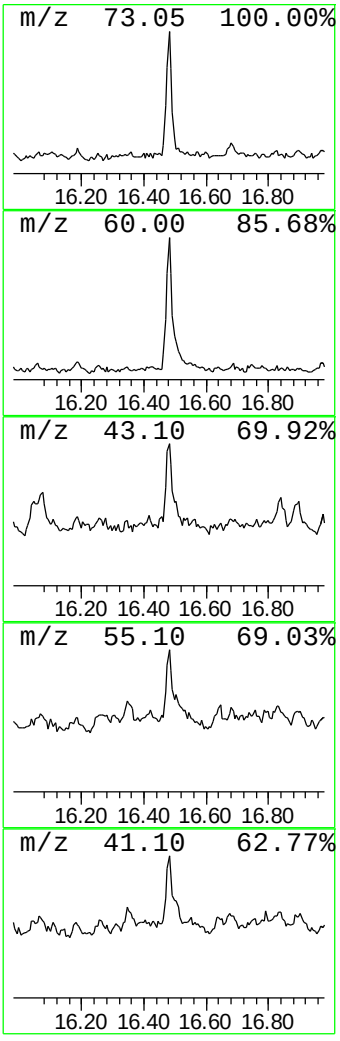
Peak Number 30 Tetradecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	2.38 ng/ul	614036	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Quant Title : SVOA CALIBRATION

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

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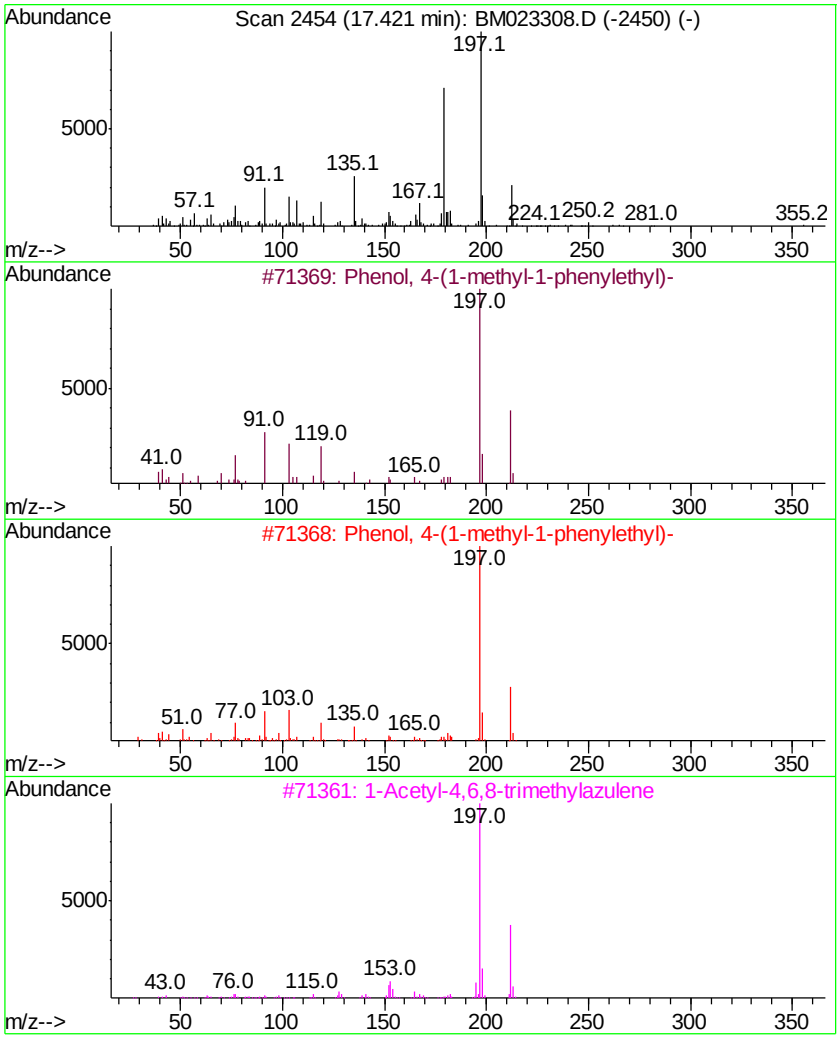
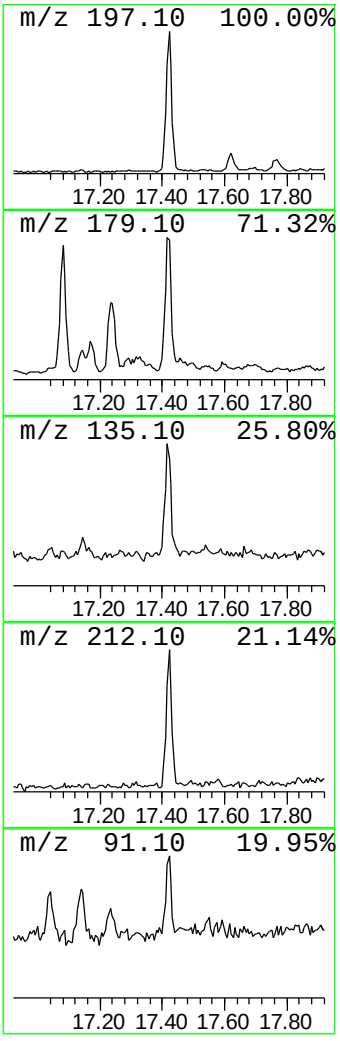
Peak Number 31 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.71 ng/ul	699919	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	60
2	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	46
3	1-Acetyl-4,6,8-trimethylazulene	212	C15H16O	000834-97-9	45
4	2,4-Diphenyl-2-(2-hydroxyphenyl)...	302	C22H22O	1000280-74-0	43
5	1,7-di-iso-propylnaphthalene	212	C16H20	1000374-06-1	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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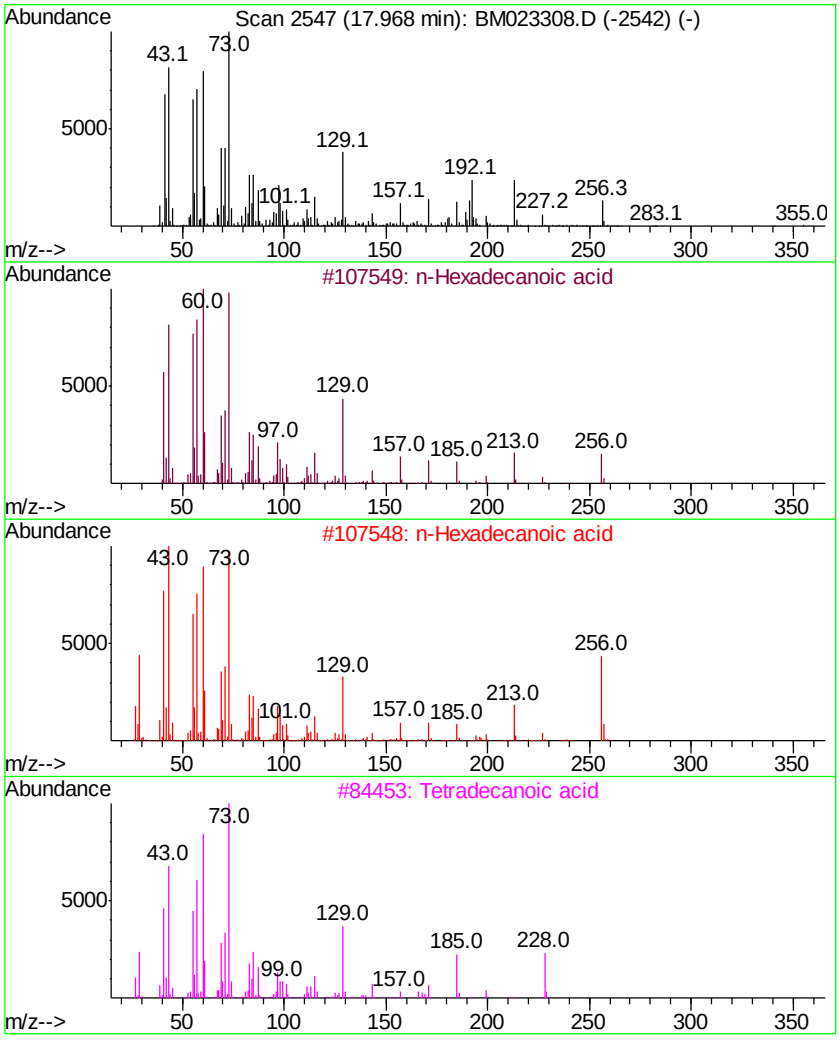
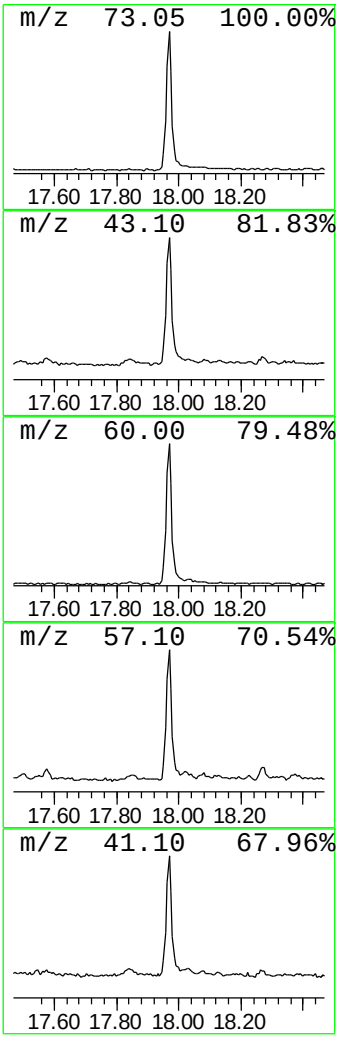
Peak Number 32 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	11.05 ng/ul	2853280	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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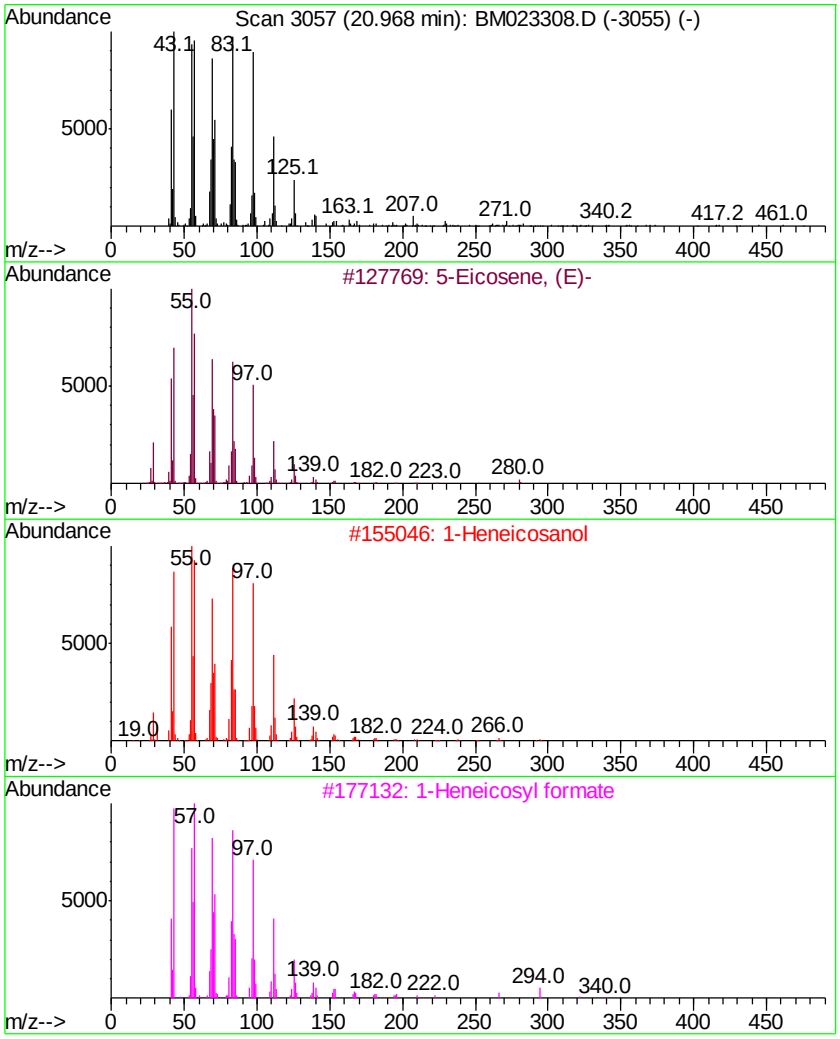
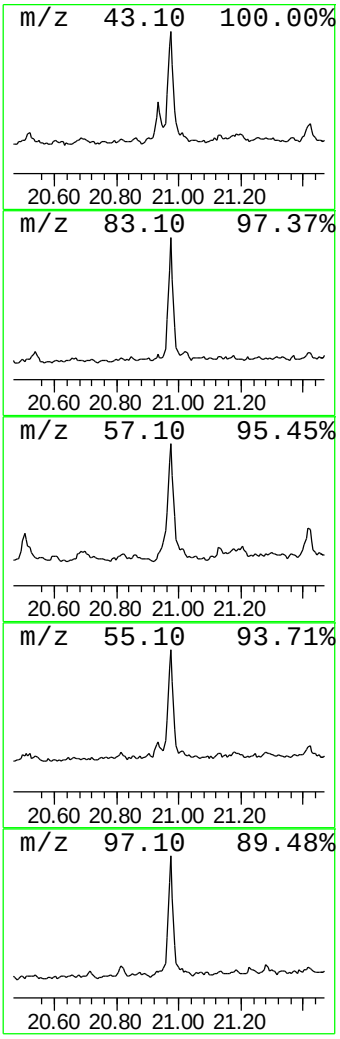
Peak Number 35 (DEL) Alkane: Cyclic20.97 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	6.02 ng/ul	1758060	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hexanol	3.73	2.8	ng/ul	365288	1	7.65	2577700	20.0
Benzene, propyl-	6.65	3.6	ng/ul	470175	1	7.65	2577700	20.0
Benzene, 1-ethyl-...	6.75	7.7	ng/ul	985710	1	7.65	2577700	20.0
Mesitylene	7.30	22.1	ng/ul	2846300	1	7.65	2577700	20.0
Benzene, 1,2,3-tr...	7.77	9.7	ng/ul	1251820	1	7.65	2577700	20.0
Indane	8.02	9.8	ng/ul	1261180	1	7.65	2577700	20.0
Benzene, 1-propynyl-	8.19	3.4	ng/ul	439821	1	7.65	2577700	20.0
Benzene, 1-ethyl-...	8.29	3.5	ng/ul	455176	1	7.65	2577700	20.0
Phenol, 2,6-dimet...	9.06	3.1	ng/ul	562722	2	10.43	3577700	20.0
Benzene, 1,2,3,4-...	9.27	2.1	ng/ul	373964	2	10.43	3577700	20.0
Benzene, 1,2,4,5-...	9.33	3.2	ng/ul	573456	2	10.43	3577700	20.0
1H-Indene, 2,3-di...	9.69	2.3	ng/ul	405453	2	10.43	3577700	20.0
Benzene, 1-methyl...	9.85	10.4	ng/ul	1860140	2	10.43	3577700	20.0
Phenol, 3,5-dimet...	9.92	6.1	ng/ul	1093700	2	10.43	3577700	20.0
unknown-01	9.99	2.1	ng/ul	383032	2	10.43	3577700	20.0
Phenol, 3,4-dimet...	10.31	2.2	ng/ul	394145	2	10.43	3577700	20.0
Phenol, 3-(1-meth...	10.79	2.1	ng/ul	377199	2	10.43	3577700	20.0
Benzo[b]thiophene...	11.54	3.5	ng/ul	622304	2	10.43	3577700	20.0
Phenol, p-tert-bu...	11.79	3.3	ng/ul	585278	2	10.43	3577700	20.0
Naphthalene, 1-me...	12.32	14.5	ng/ul	2600130	2	10.43	3577700	20.0
Phenol, 4-(1,1-di...	13.14	2.9	ng/ul	671477	3	14.30	4690410	20.0
Naphthalene, 2,6-...	13.62	3.2	ng/ul	740775	3	14.30	4690410	20.0
Dodecanoic acid	14.76	7.0	ng/ul	1629860	3	14.30	4690410	20.0
Tetradecanoic acid	16.48	2.4	ng/ul	614036	4	17.04	5164620	20.0
Phenol, 4-(1-meth...	17.42	2.7	ng/ul	699919	4	17.04	5164620	20.0
n-Hexadecanoic acid	17.97	11.1	ng/ul	2853280	4	17.04	5164620	20.0
(DEL) Alkane: Cyc...	20.97	6.0	ng/ul	1758060	5	21.23	5839980	20.0