LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007818.D
Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

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_N\METHODS\SOM-EPA-BN091619MA.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	3.575	96	100	107	rVV	904159	1107321	6.53%	0.367%
2	3.787	132	136	147	rBV	1523569	2015825	11.88%	0.669%
3	3.964	161	166	177	rVB	871366	1201925	7.08%	0.399%
4	4.216	205	209	217	rVV	355092	445437	2.63%	0.148%
5	5.246	378	384	392	rBV	694518	974534	5.74%	0.323%
6	5.375	400	406	419	rVB	2195992	4142954	24.41%	1.375%
7	5.734	461	467	479	rVB	1791203	2665517	15.71%	0.885%
8	6.687	622	629	636	rBV	444377	725250	4.27%	0.241%
9	6.799	641	648	653	rVV	1557770	2359192	13.90%	0.783%
10	6.857	653	658	659	rVV	1236410	1653051	9.74%	0.549%
11	6.893	659	664	668	rVV	5187251	8595035	50.65%	2.852%
12	6.928	668	670	681	rVV	1280148	1639252	9.66%	0.544%
13	7.028	681	687	693	rVV	1403698	2268815	13.37%	0.753%
14	7.093	693	698	703	rVV	904137	1411983	8.32%	0.469%
15	7.222	714	720	731	rVV	1786237	2980748	17.57%	0.989%
16	7.346	733	741	748	rVB	4472942	6590989	38.84%	2.187%
17	7.687	791	799	804	rBV	2183614	3445345	20.30%	1.143%
18	7.757	808	811	815	rVV	304588	495960	2.92%	0.165%
19	7.805	815	819	828	rVV	1679503	2740673	16.15%	0.910%
20	8.057	854	862	868	rVV2	748240	1476736	8.70%	0.490%
21	8.128	868	874	879	rVV	2247866	3490070	20.57%	1.158%
22	8.240	887	893	901	rVB2	405304	731464	4.31%	0.243%
23	8.328	901	908	913	rBV	877061	1346040	7.93%	0.447%
24	8.387	913	918	923	rVV	1523750	2613844	15.40%	0.867%
25	8.452	923	929	943	rVV	8141999	14874815	87.66%	4.936%
26	8.640	956	961	965	rVV	435452	651005	3.84%	0.216%
27	8.693	965	970	975	rVB	439795	682416	4.02%	0.226%
28	8.787	977	986	990	rBV	905860	1671763	9.85%	0.555%
29	8.828	990	993	998	rVV	1819199	3042972	17.93%	1.010%
30	8.863	998	999	1006	rVV2	513938	649899	3.83%	0.216%
31	8.981	1012	1019	1024	rVV	336384	605211	3.57%	0.201%
32	9.087	1032	1037	1040	rVV4	235856	520658	3.07%	0.173%
33	9.116	1040	1042	1050	rVV2	251271	404975	2.39%	0.134%
34	9.304	1071	1074	1079	rVV	582897	882989	5.20%	0.293%

LSC Area Percent Report

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Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

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_N\METHODS\SOM-EPA-BN091619MA.M
Title : SVOA CALIBRATION

35	9.369	1079	1085	1092	rVV	870884	1552275	9.15%	0.515%
36	9.440	1092	1097	1102	rVB	521009	766499	4.52%	0.254%
37	9.546	1108	1115	1123	rBV	1547815	2637044	15.54%	0.875%
38	9.646	1123	1132	1135	rVV	4988983	8119489	47.85%	2.695%
39	9.675	1135	1137	1142	rVV	2519923	3457770	20.38%	1.147%
40	9.722	1142	1145	1153	rVV	550355	837053	4.93%	0.278%
41	9.810	1153	1160	1163	rVV	366401	630211	3.71%	0.209%
42	9.910	1164	1177	1180	rVV3	3294001	10404822	61.32%	3.453%
43	9.951	1180	1184	1193	rVV	4898785	7572868	44.63%	2.513%
44	10.081	1199	1206	1216	rVB3	2893599	6614562	38.98%	2.195%
45	10.334	1243	1249	1255	rBV	1819754	2954020	17.41%	0.980%
46	10.457	1262	1270	1275	rBV	2997604	5199044	30.64%	1.725%
47	10.510	1275	1279	1287	rVB	2982671	5063232	29.84%	1.680%
48	10.593	1287	1293	1305	rVB	2434596	4448662	26.22%	1.476%
49	10.816	1325	1331	1340	rBV	946368	1812776	10.68%	0.602%
50	10.998	1355	1362	1368	rBV	646652	1047109	6.17%	0.347%
51	11.075	1370	1375	1380	rBV	348803	568514	3.35%	0.189%
52	11.210	1393	1398	1405	rBV	1355918	2916292	17.19%	0.968%
53	11.287	1405	1411	1417	rVB3	978294	1899226	11.19%	0.630%
54	11.569	1457	1459	1469	rVB6	282057	471886	2.78%	0.157%
55	11.804	1491	1499	1504	rBV2	220353	493590	2.91%	0.164%
56	12.016	1530	1535	1542	rBV5	141680	408971	2.41%	0.136%
57	12.122	1547	1553	1559	rBV	2031889	3068902	18.09%	1.018%
58	12.345	1583	1591	1598	rVB	1386198	2250574	13.26%	0.747%
59	12.604	1627	1635	1641	rBV4	335543	765610	4.51%	0.254%
60	13.157	1724	1729	1736	rVB2	534348	925661	5.46%	0.307%
61	13.228	1736	1741	1756	rBV	1073743	1760638	10.38%	0.584%
62	13.492	1779	1786	1790	rBV5	222848	511980	3.02%	0.170%
63	13.634	1806	1810	1815	rVB	303562	478624	2.82%	0.159%
64	13.728	1821	1826	1831	rVV	5318533	7166530	42.23%	2.378%
65	13.775	1831	1834	1843	rVB	1111089	1423031	8.39%	0.472%
66	13.875	1846	1851	1854	rBV3	285598	466485	2.75%	0.155%
67	13.957	1859	1865	1868	rVV3	349267	738085	4.35%	0.245%
68	14.004	1868	1873	1885	rVB2	5704566	8972352	52.87%	2.978%
69	14.175	1897	1902	1908	rVB	1353683	1909874	11.26%	0.634%
70	14.316	1920	1926	1932	rBV	4409524	6598705	38.89%	2.190%
71	14.510	1954	1959	1966	rBV2	733401	1179457	6.95%	0.391%

LSC Area Percent Report

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Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

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_N\METHODS\SOM-EPA-BN091619MA.M
Title : SVOA CALIBRATION

72	14.581	1966	1971	1982	rVB2	314820	769922	4.54%	0.256%
73	14.763	1998	2002	2006	rVV	444991	578959	3.41%	0.192%
74	14.845	2012	2016	2020	rBV	583538	813164	4.79%	0.270%
75	15.116	2059	2062	2067	rBV	316589	409788	2.41%	0.136%
76	15.310	2089	2095	2101	rBV	7639688	10925555	64.39%	3.626%
77	15.428	2109	2115	2119	rBV	2349600	3358175	19.79%	1.114%
78	15.645	2148	2152	2159	rBV9	181125	400632	2.36%	0.133%
79	16.304	2261	2264	2270	rVB	378499	513786	3.03%	0.171%
80	16.363	2270	2274	2280	rVB2	821881	1154517	6.80%	0.383%
81	17.063	2387	2393	2397	rBV2	5564565	7794121	45.93%	2.587%
82	17.157	2404	2409	2420	rVB2	8554710	12518270	73.77%	4.154%
83	17.980	2544	2549	2564	rBV	2086631	3263210	19.23%	1.083%
84	18.245	2590	2594	2596	rBV2	395583	549068	3.24%	0.182%
85	18.275	2596	2599	2614	rVB	631450	1187924	7.00%	0.394%
86	18.839	2691	2695	2704	rBV	2929959	3949344	23.27%	1.311%
87	19.163	2747	2750	2754	rVB2	542414	619925	3.65%	0.206%
88	19.263	2763	2767	2776	rVB	957386	1239672	7.31%	0.411%
89	19.457	2794	2800	2806	rBV	11535128	15570595	91.76%	5.167%
90	19.998	2888	2892	2896	rBV	700597	907630	5.35%	0.301%
91	20.945	3049	3053	3056	rBV2	802736	995252	5.87%	0.330%
92	20.986	3056	3060	3066	rVB2	2639125	3244497	19.12%	1.077%
93	21.192	3091	3095	3100	rBV	1132614	1307485	7.71%	0.434%
94	21.257	3100	3106	3111	rBV	7438461	9941706	58.59%	3.299%
95	22.827	3370	3373	3379	rVB	392964	517596	3.05%	0.172%
96	23.333	3451	3459	3465	rBV	9391254	16969012	100.00%	5.631%
97	23.392	3465	3469	3474	rVV	434737	734524	4.33%	0.244%
98	23.468	3475	3482	3493	rVB	5795900	10756012	63.39%	3.569%
99	24.033	3573	3578	3584	rVB	350818	613034	3.61%	0.203%
100	24.768	3699	3703	3711	rVB	279642	534282	3.15%	0.177%

Sum of corrected areas: 301334743

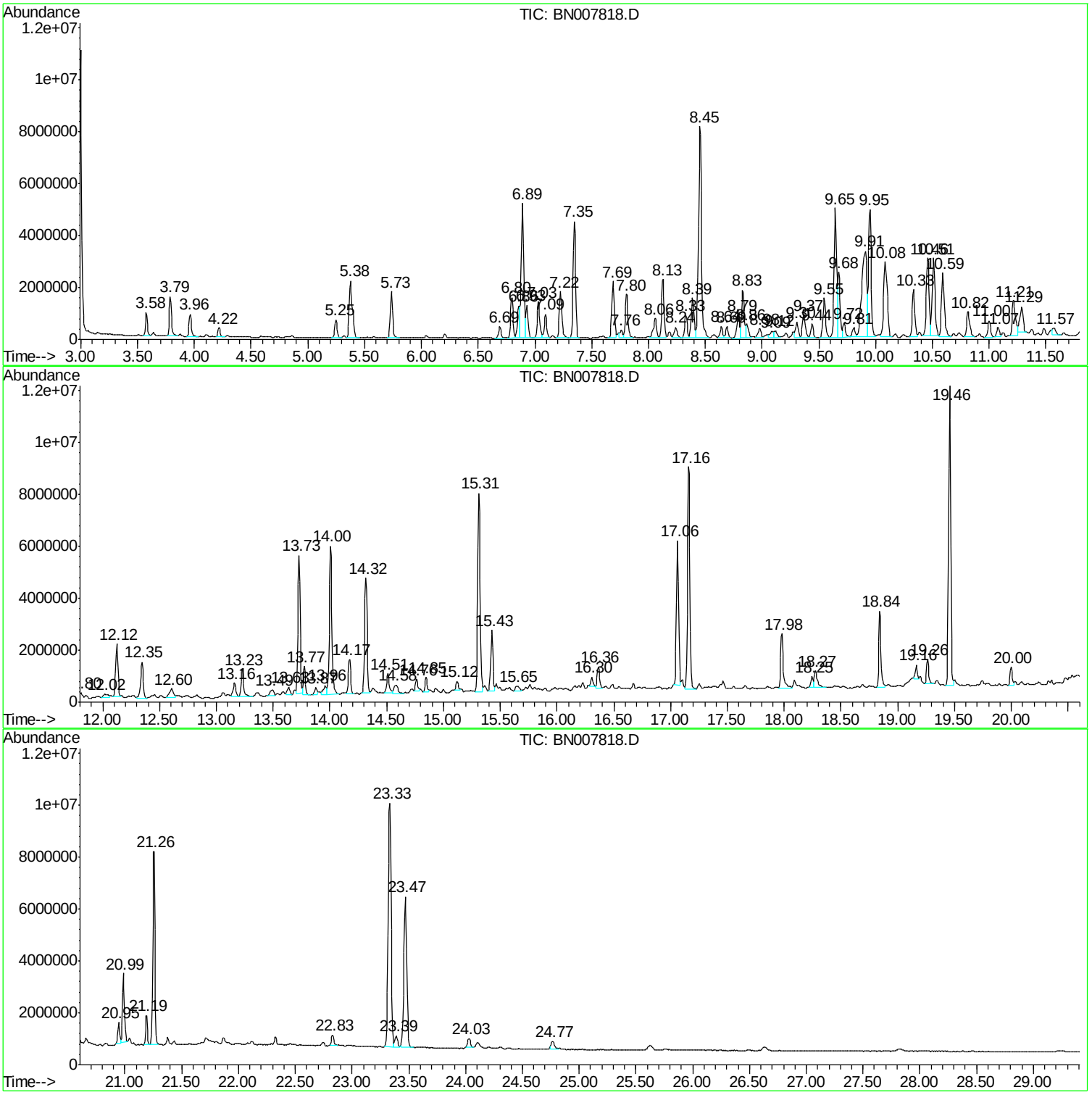
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007818.D
Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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 N\DATA\BN092319\
Data File : BN007818.D
Acq On : 24 Sep 2019 01:04
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Misc :
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Instrument : BNA_N
ClientSampleId : BFDH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

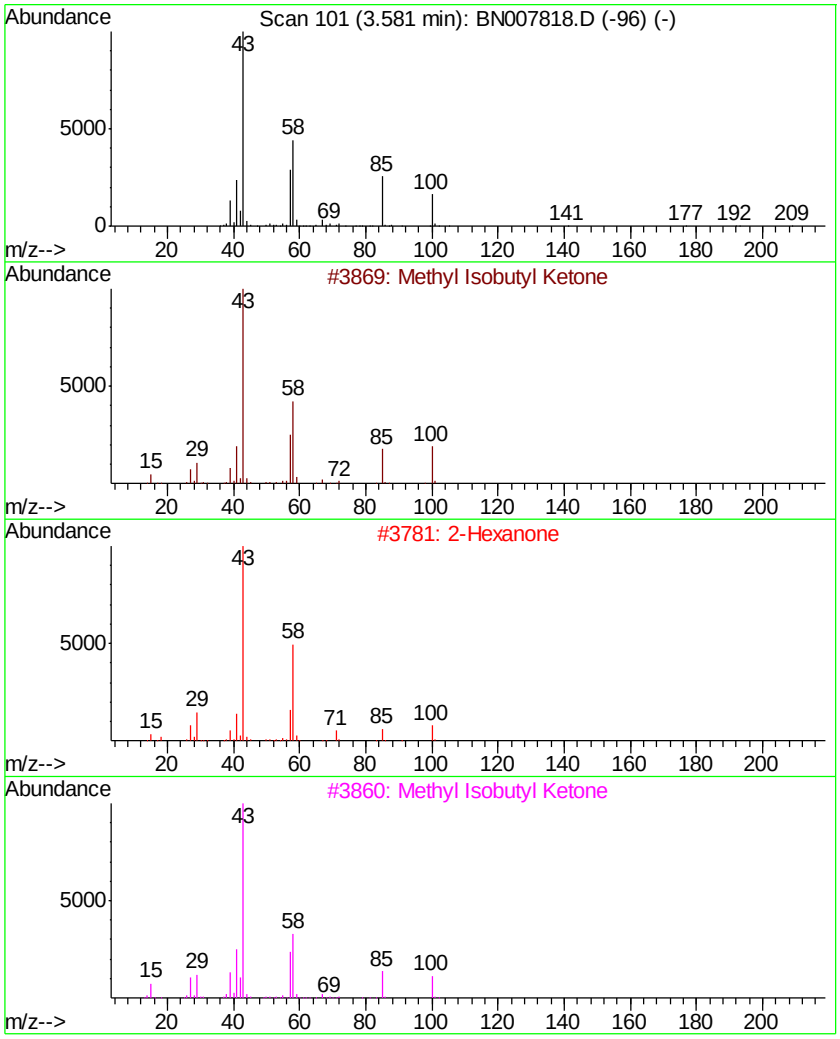
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

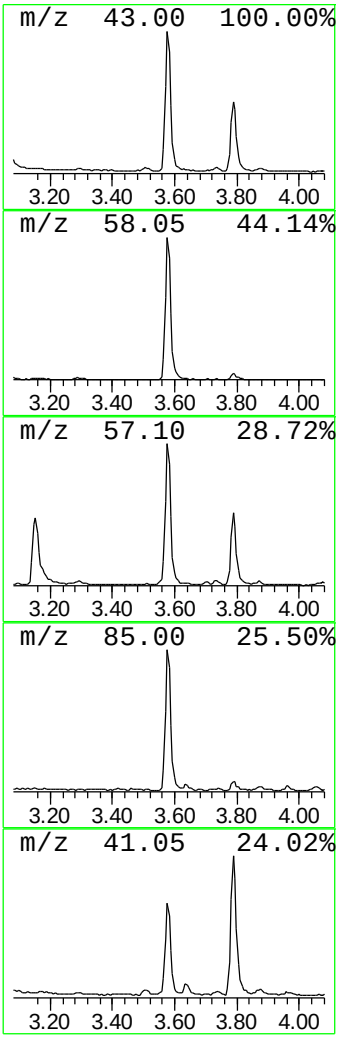
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	6.43 ng/ul	1107320	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	83
2	2-Hexanone	100	C6H12O	000591-78-6	72
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
5	2-Hexanone	100	C6H12O	000591-78-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007818.D
Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

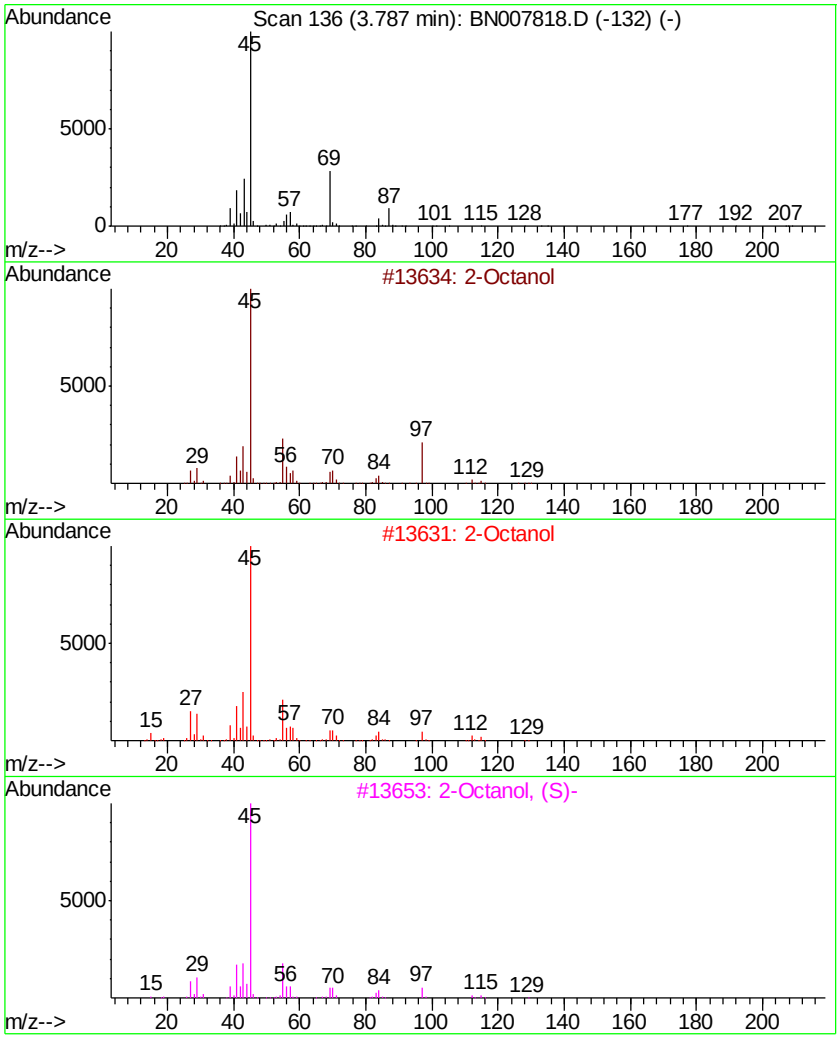
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

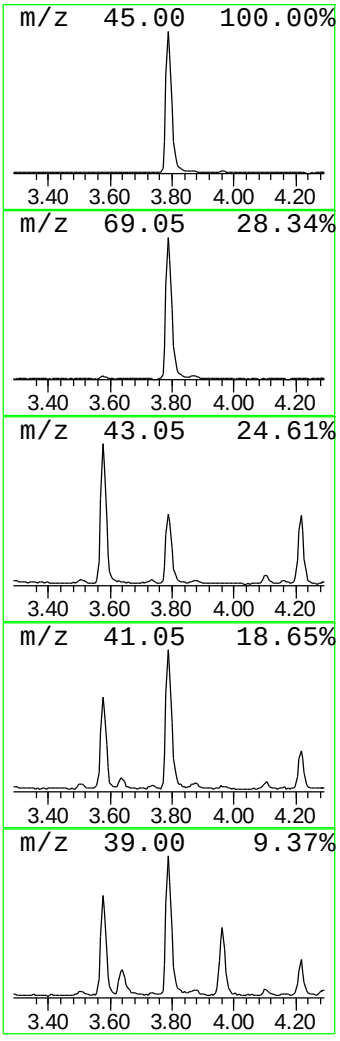
****

Peak Number 2 2-Octanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	11.70 ng/ul	2015830	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol	130	C8H18O	000123-96-6	83
2	2-Octanol	130	C8H18O	000123-96-6	83
3	2-Octanol, (S)-	130	C8H18O	006169-06-8	78
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	78
5	2-Hexanol	102	C6H14O	000626-93-7	74





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : BFDH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

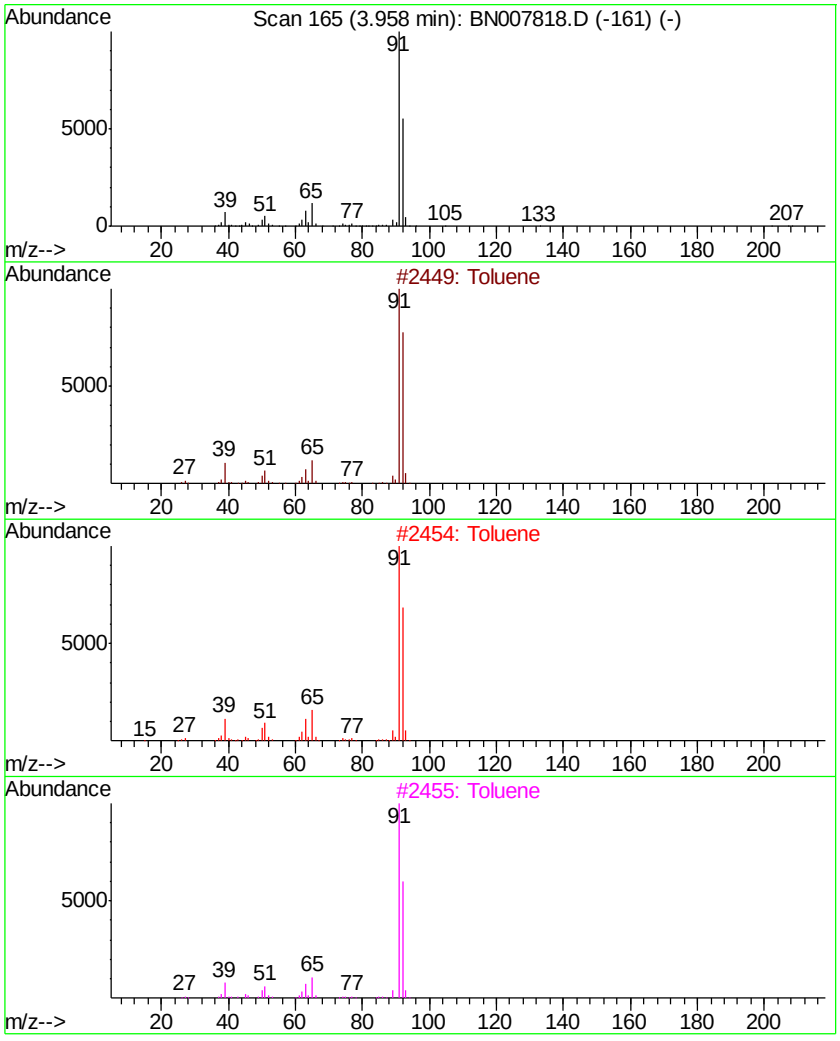
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

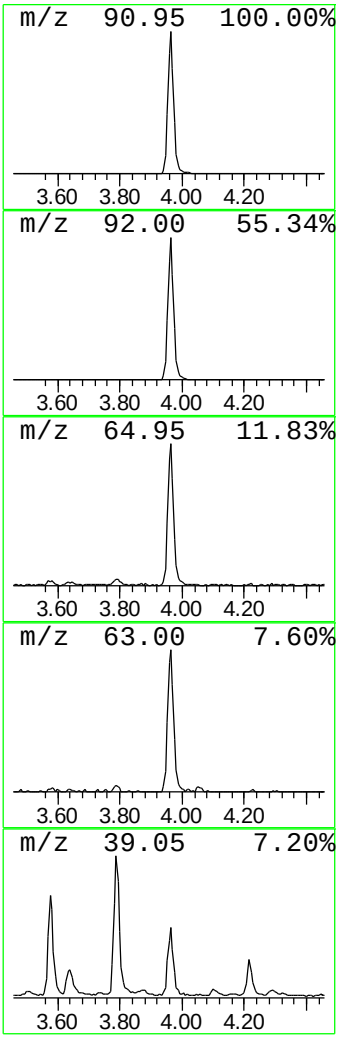
****

Peak Number 3 Toluene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	6.98 ng/ul	1201930	1,4-Dichlorobenzene-d4	7.69

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





Library Search Compound Report

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Data File : BN007818.D
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Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

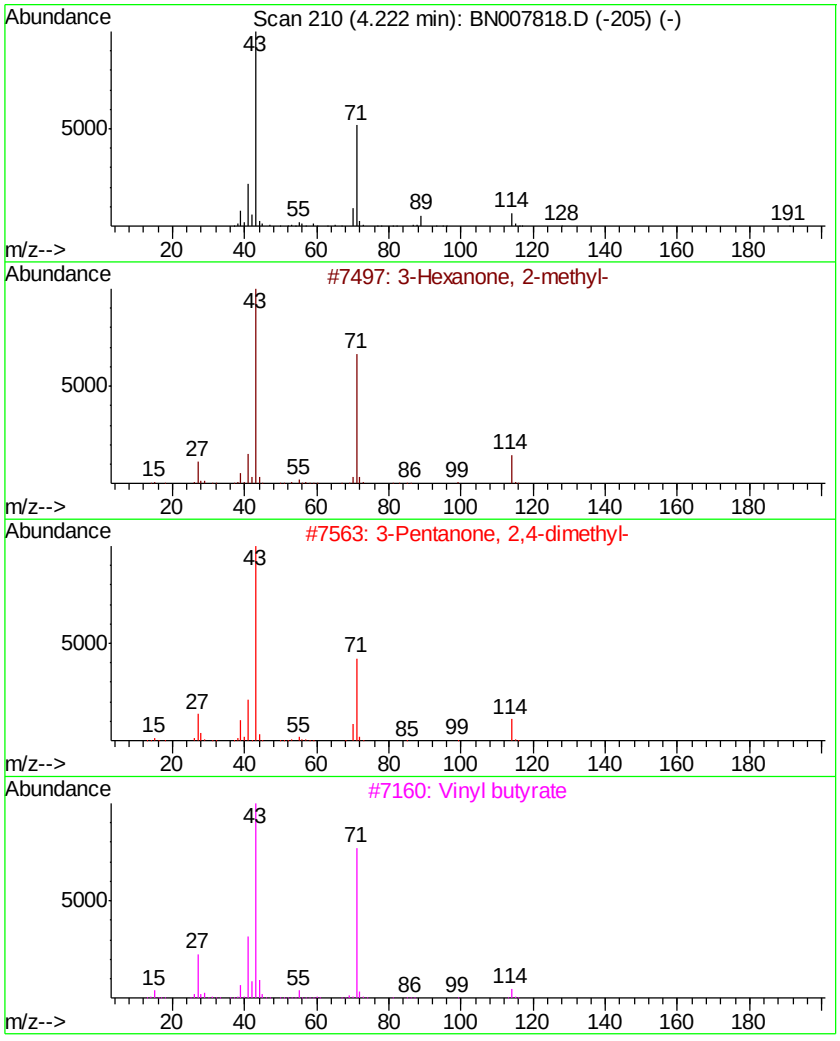
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

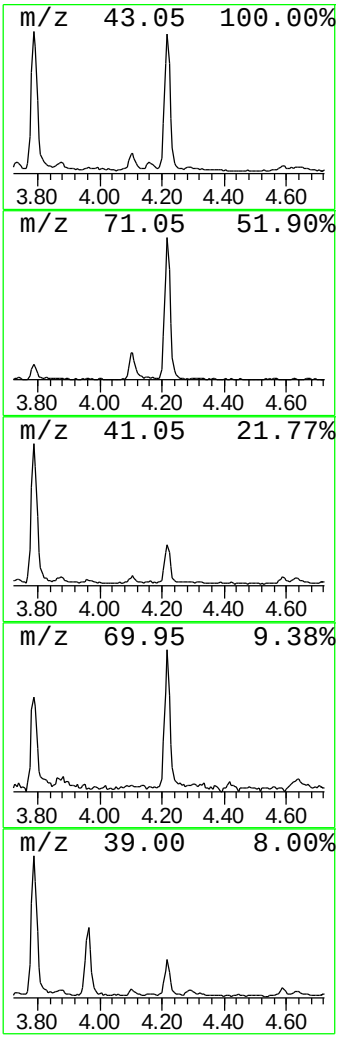
****

Peak Number 4 3-Hexanone, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	2.59 ng/ul	445437	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	59
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	53
3	Vinyl butyrate	114	C6H10O2	000123-20-6	50
4	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	50
5	4-Heptanone	114	C7H14O	000123-19-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007818.D
Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

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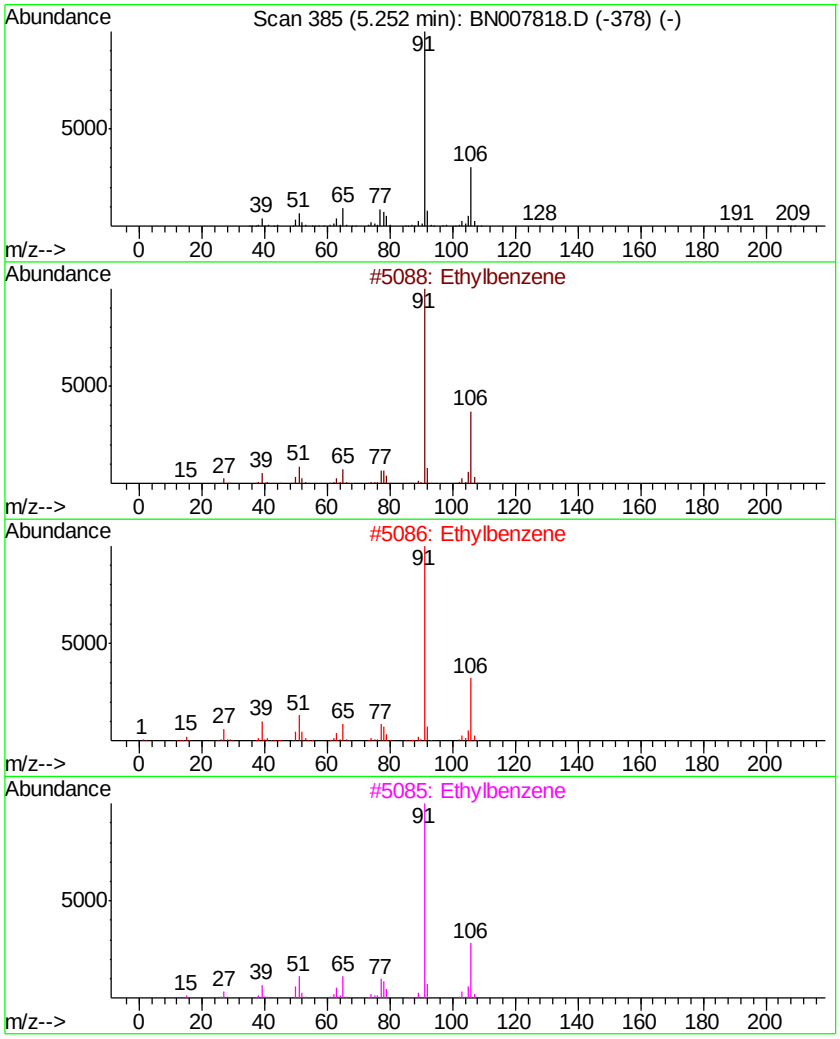
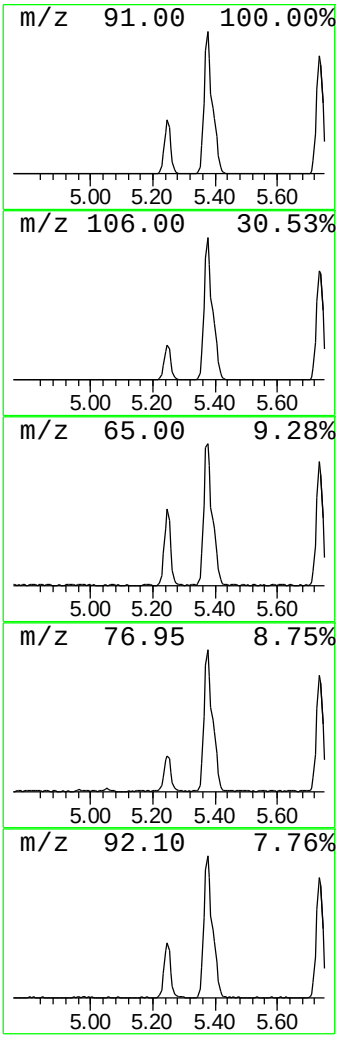
Peak Number 5 Ethylbenzene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	5.66 ng/ul	974534	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	90
2	Ethylbenzene	106	C8H10	000100-41-4	90
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	83





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Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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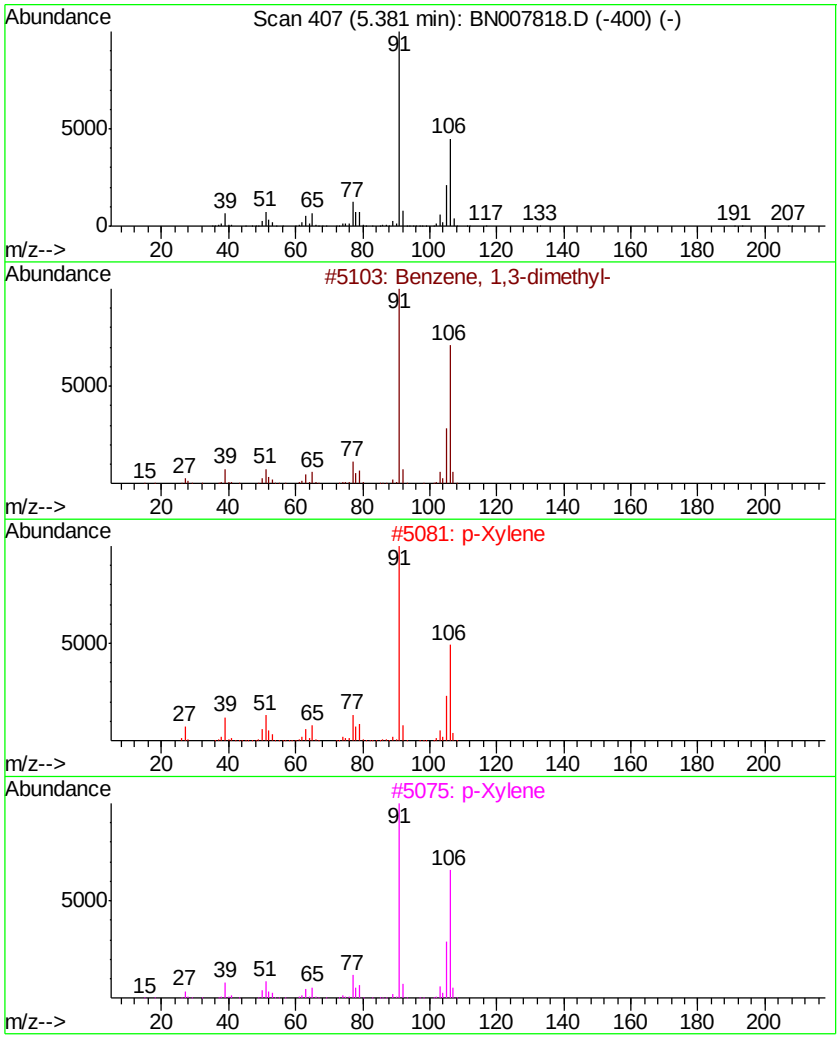
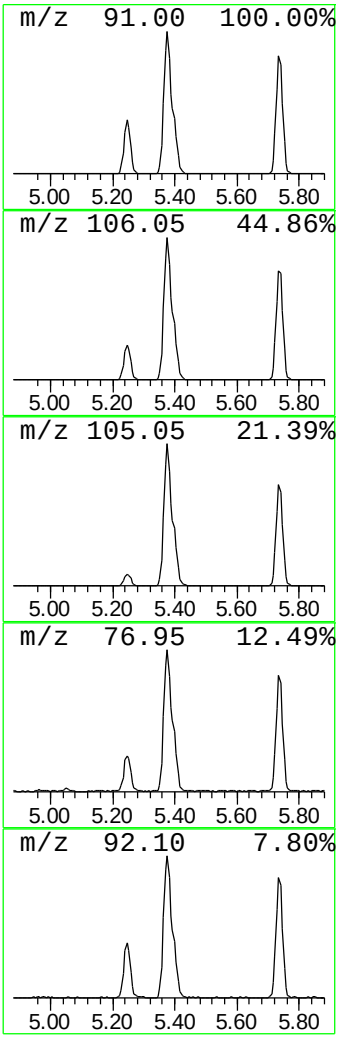
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	24.05 ng/ul	4142950	1,4-Dichlorobenzene-d4	7.69

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





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Instrument : BNA_N
ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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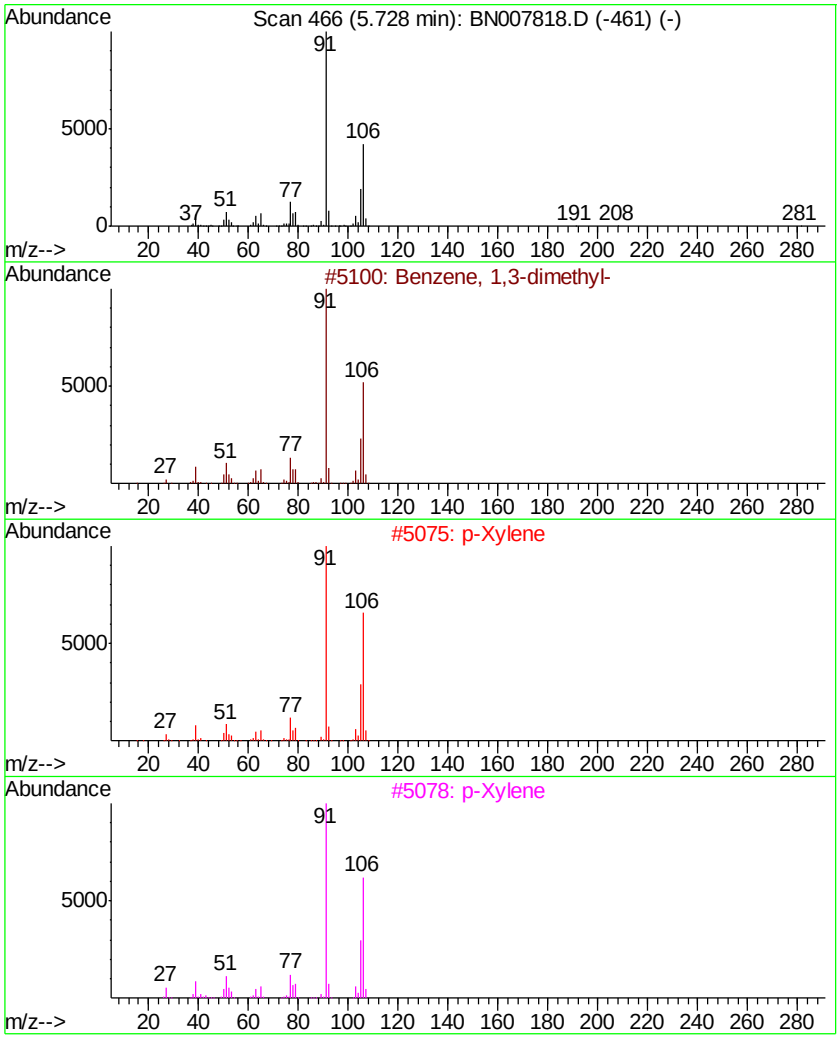
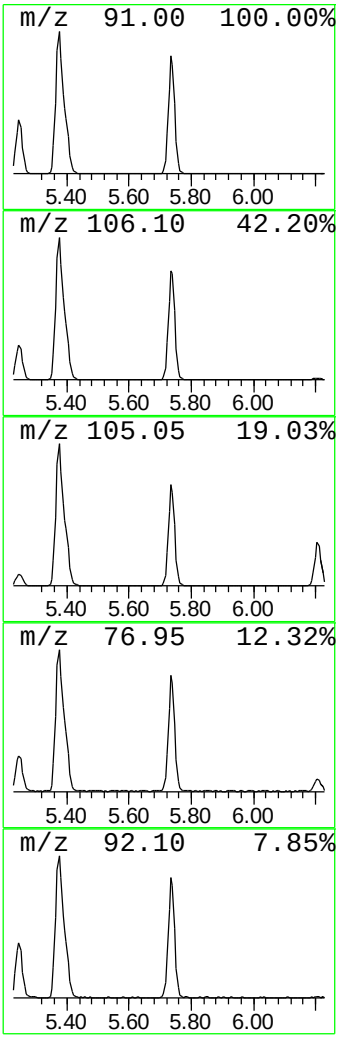
Peak Number 7 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	15.47 ng/ul	2665520	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	95
3	p-Xylene	106	C8H10	000106-42-3	93
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
5	p-Xylene	106	C8H10	000106-42-3	93





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Quant Title : SVOA CALIBRATION

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

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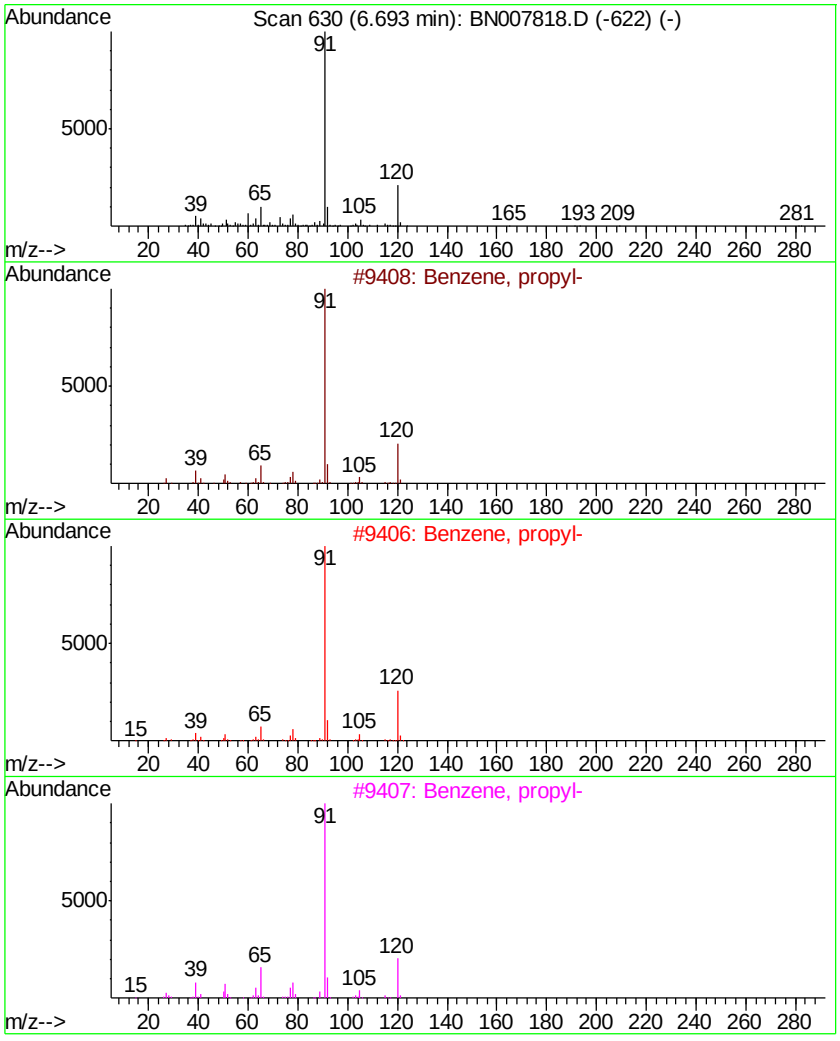
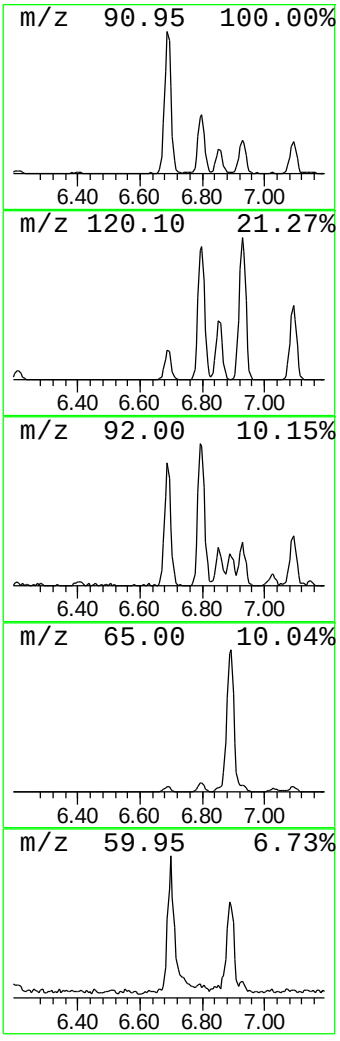
Peak Number 8 Benzene, propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	4.21 ng/ul	725250	1,4-Dichlorobenzene-d4	7.69

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	64
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	53





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Instrument : BNA_N
ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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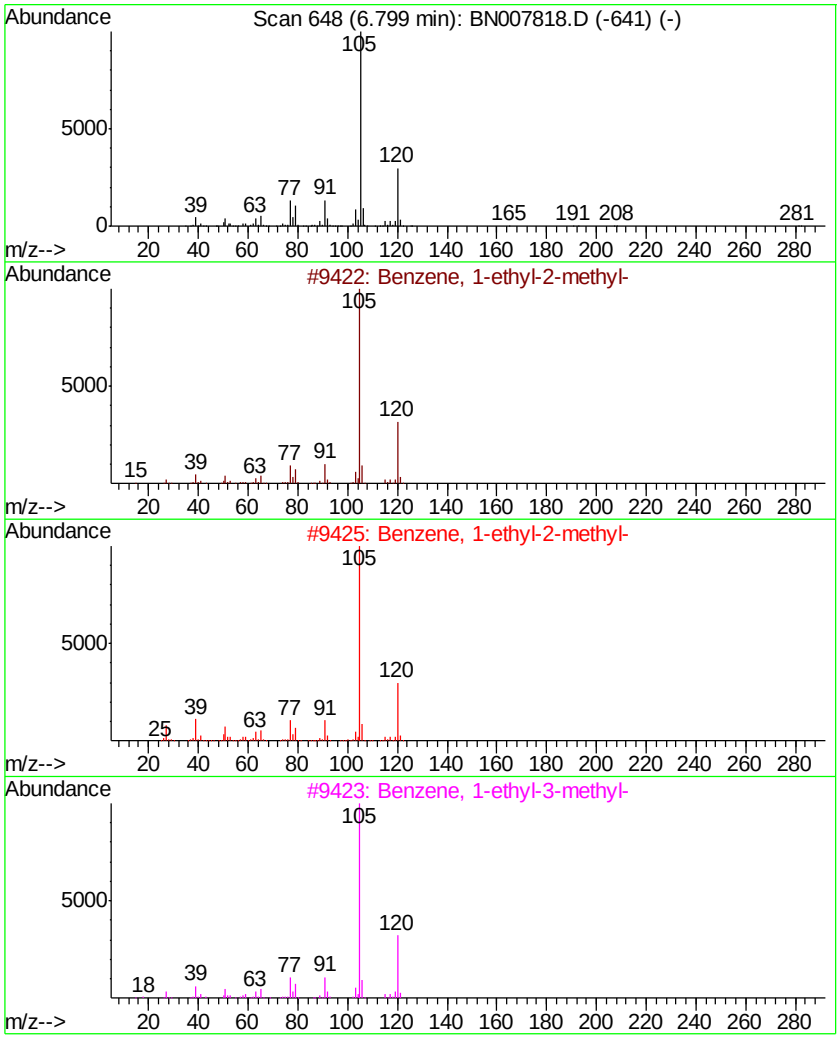
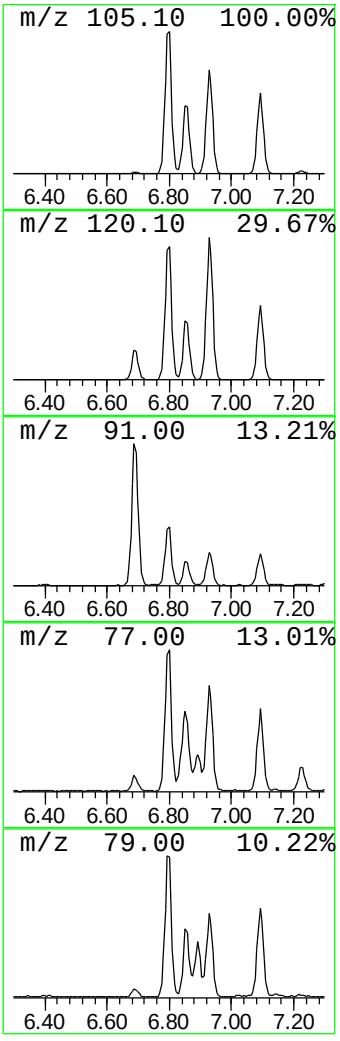
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	13.70 ng/ul	2359190	1,4-Dichlorobenzene-d4	7.69

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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Quant Title : SVOA CALIBRATION

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

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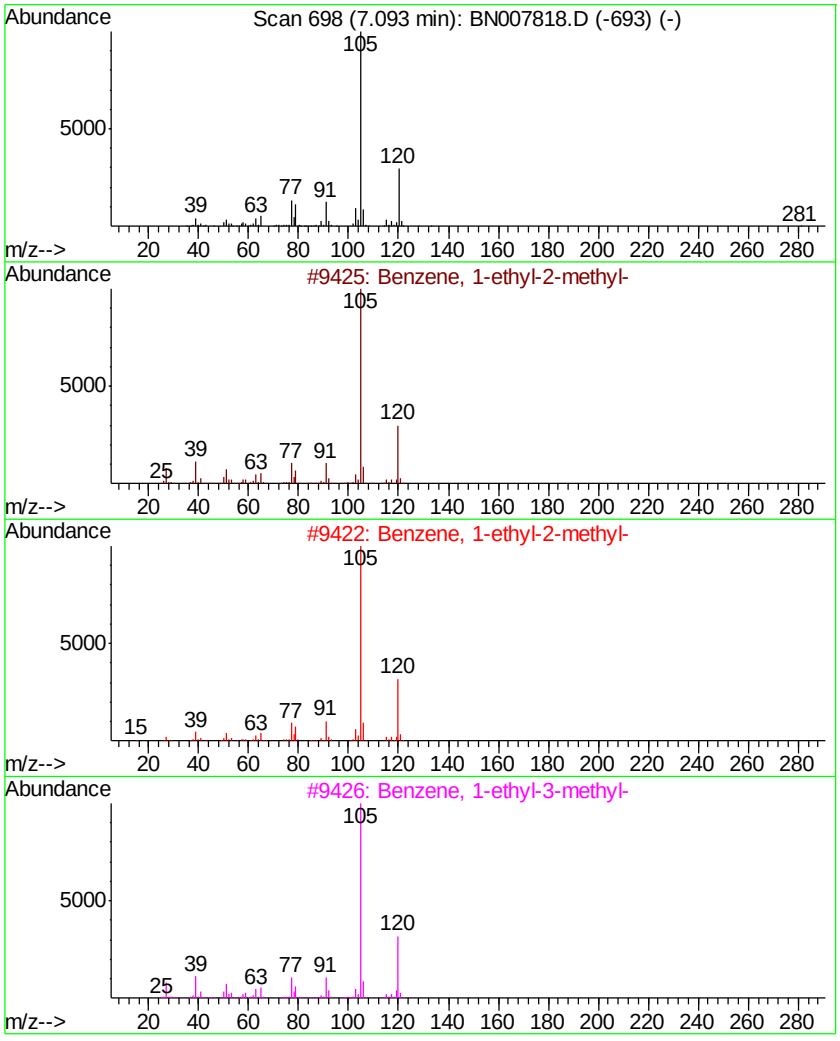
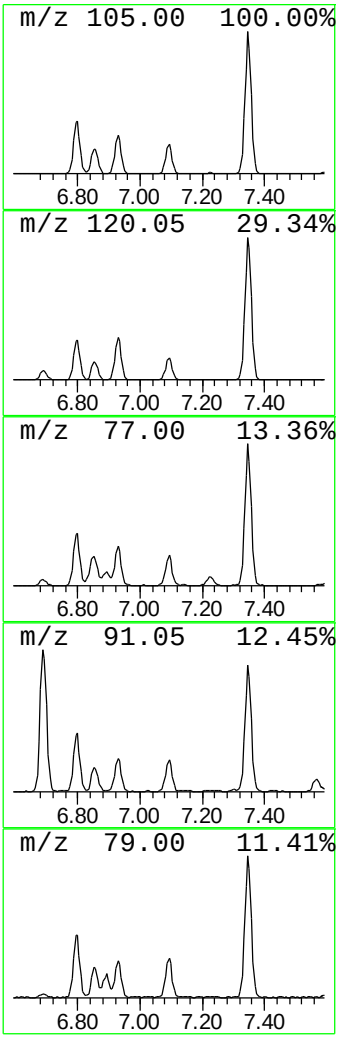
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	8.20 ng/ul	1411980	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	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 11 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	38.26 ng/ul	6590990	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
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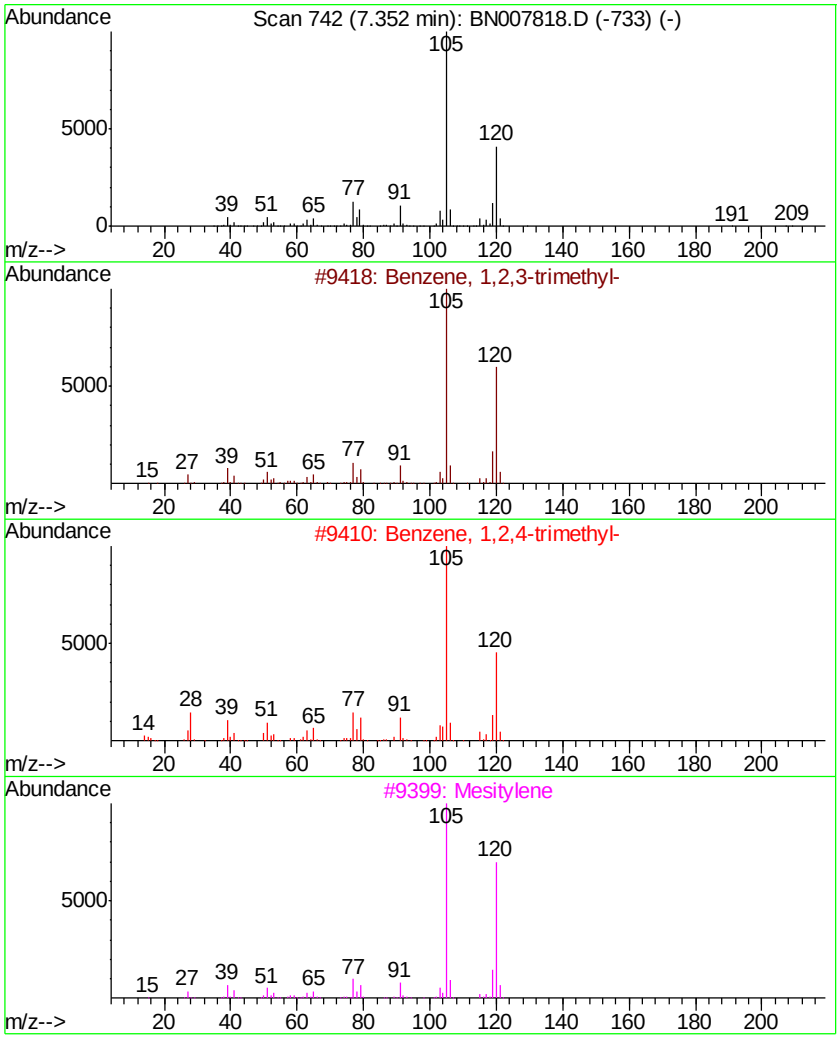
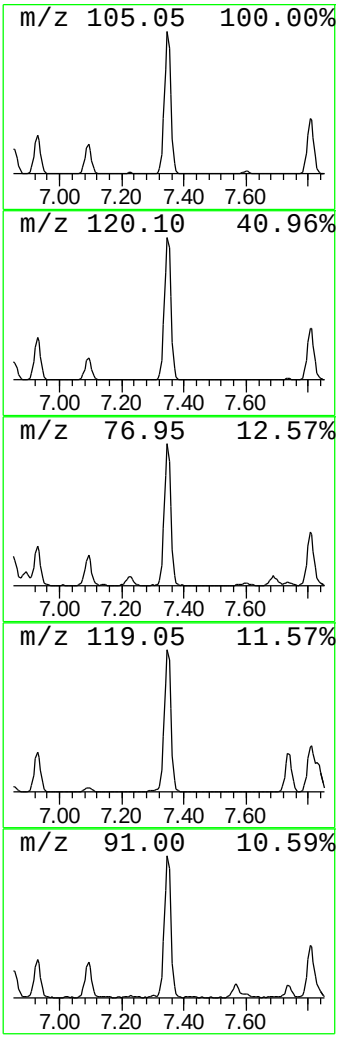
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Instrument : BNA_N
ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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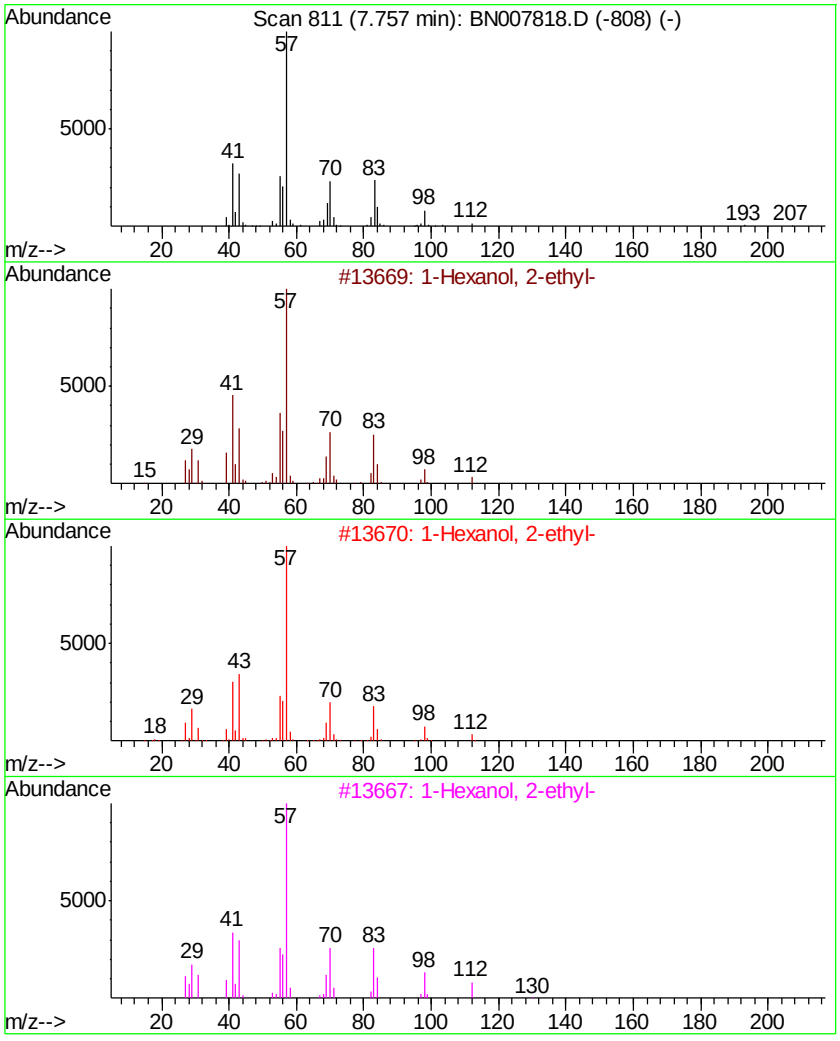
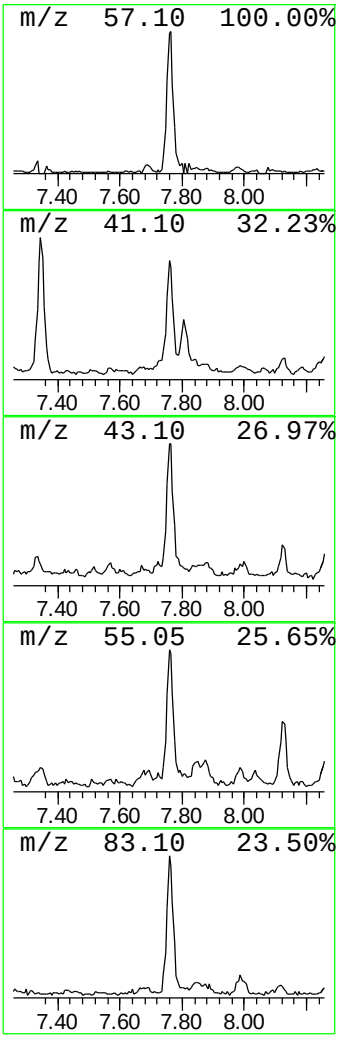
Peak Number 12 1-Hexanol, 2-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.88 ng/ul	495960	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





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Quant Title : SVOA CALIBRATION

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

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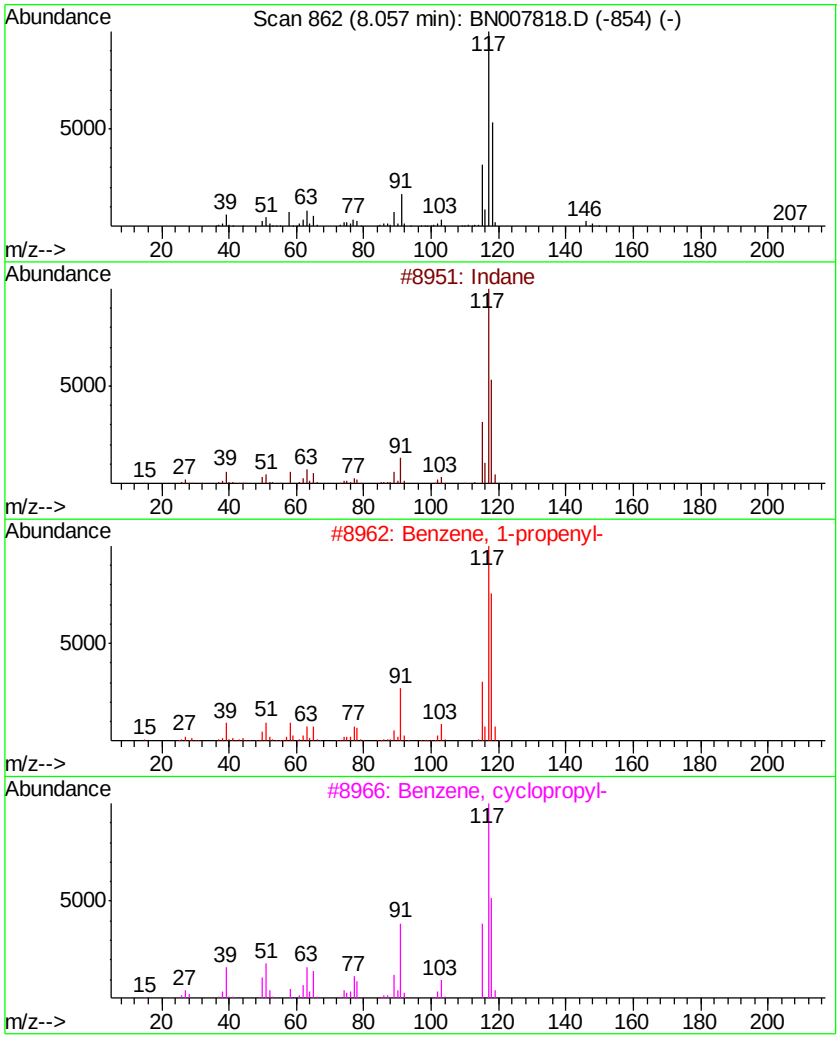
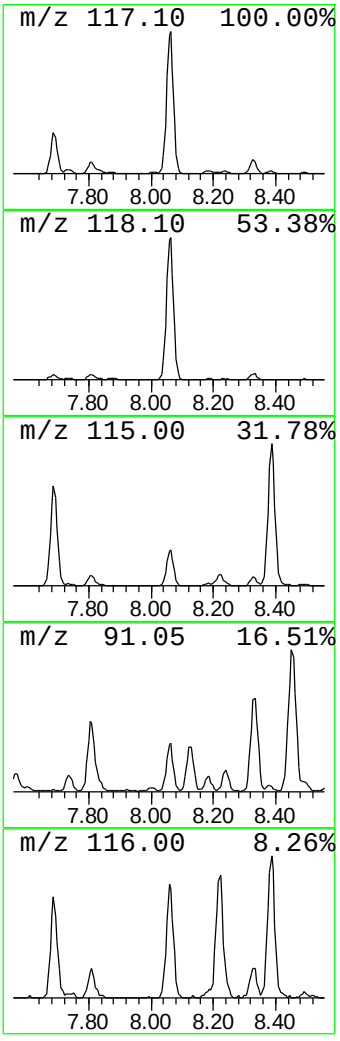
Peak Number 14 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	8.57 ng/ul	1476740	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	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 Benzene, 1-methyl-2-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	4.25 ng/ul	731464	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
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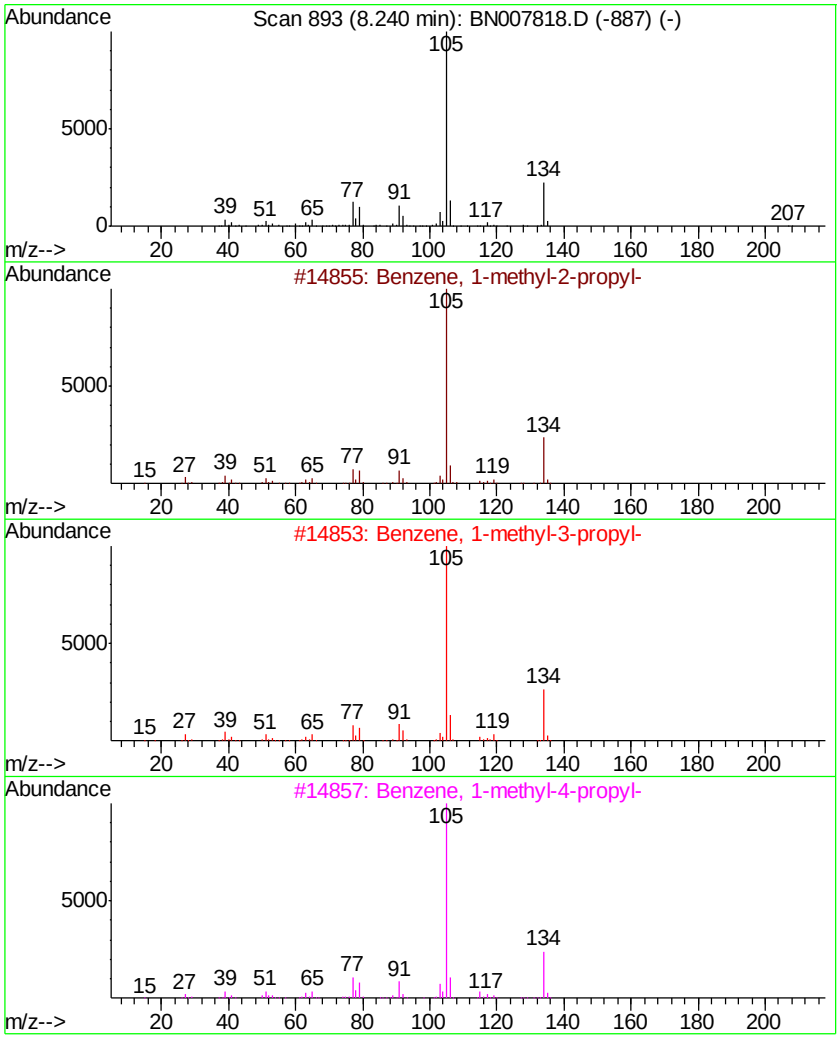

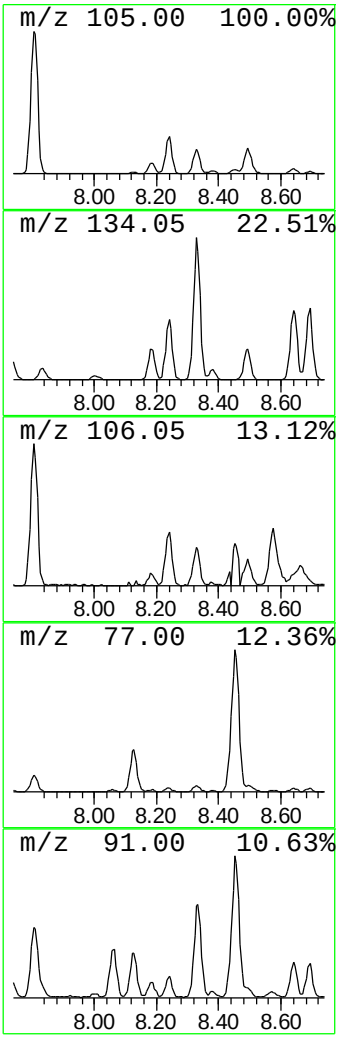

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Quant Title : SVOA CALIBRATION

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

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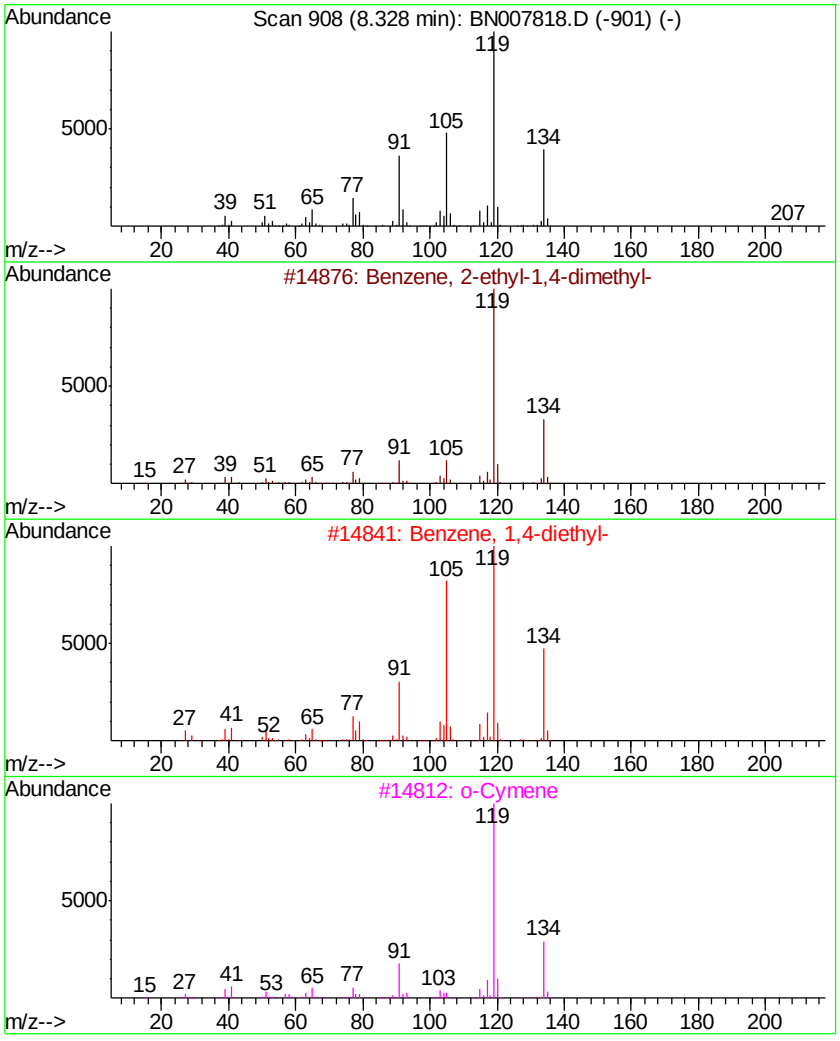
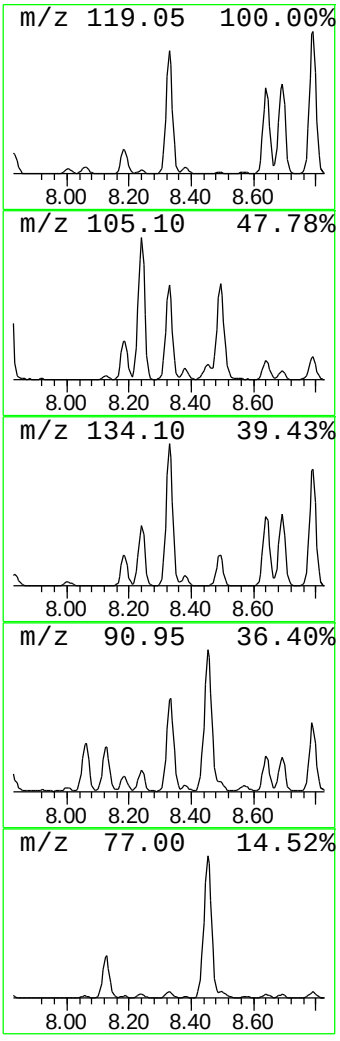
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	7.81 ng/ul	1346040	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Quant Title : SVOA CALIBRATION

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

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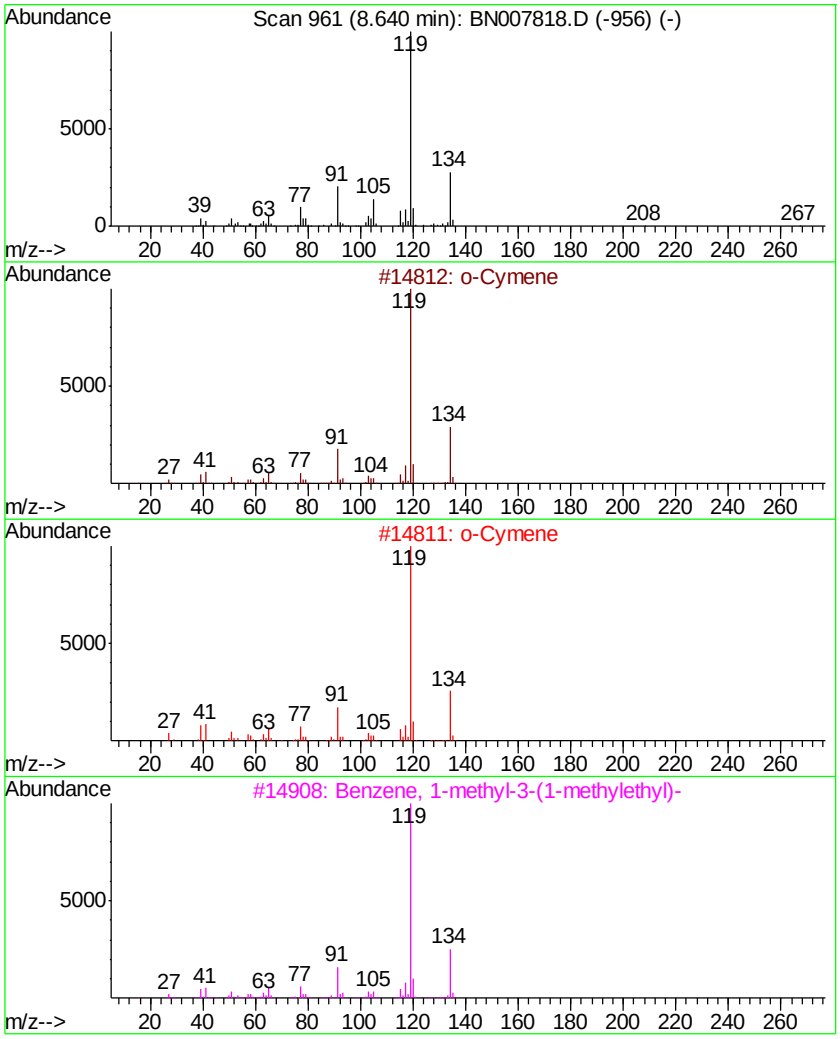
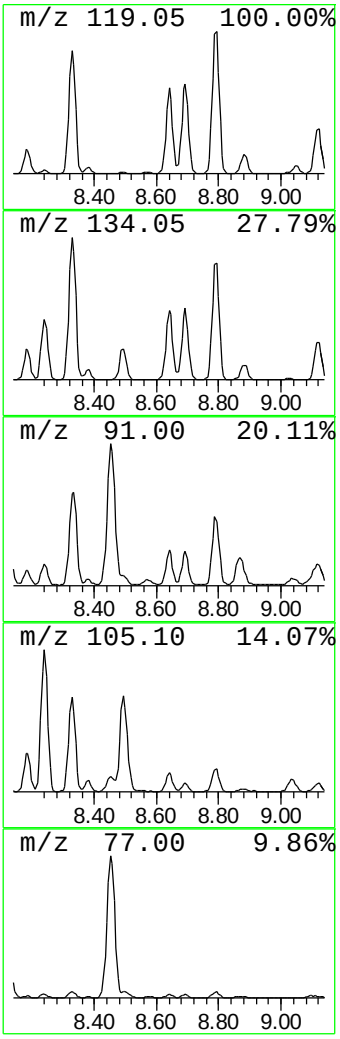
Peak Number 17 o-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	3.78 ng/ul	651005	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Quant Title : SVOA CALIBRATION

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

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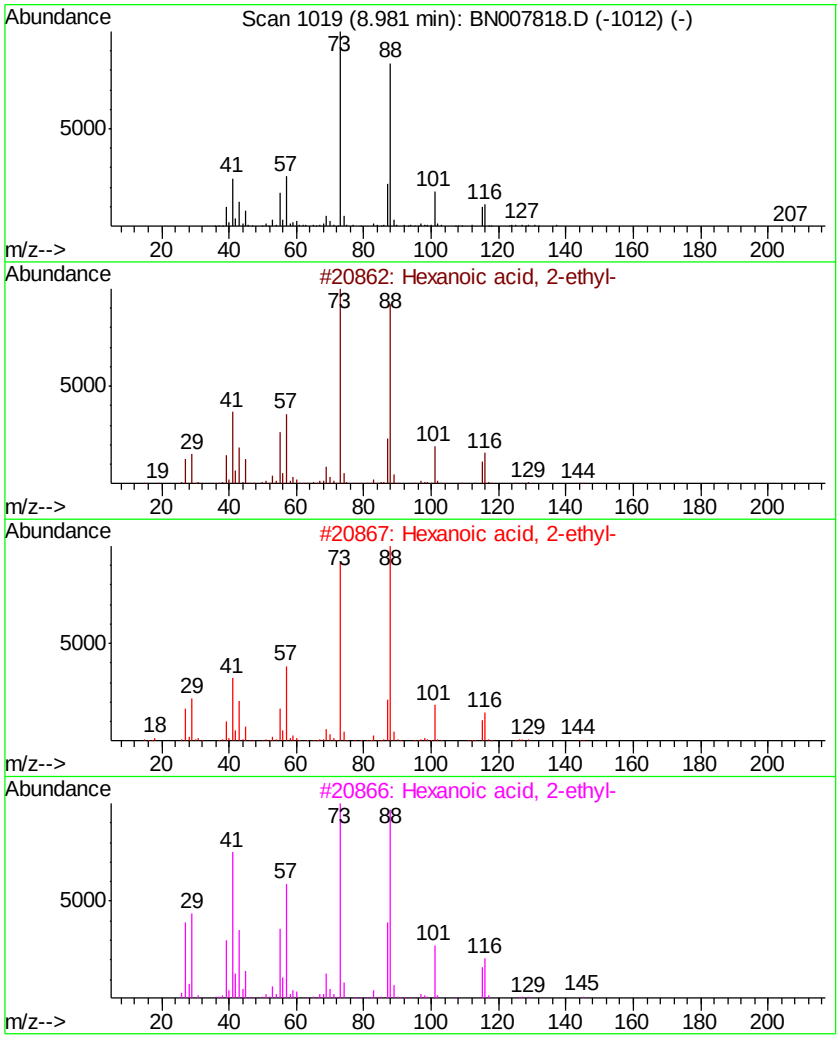
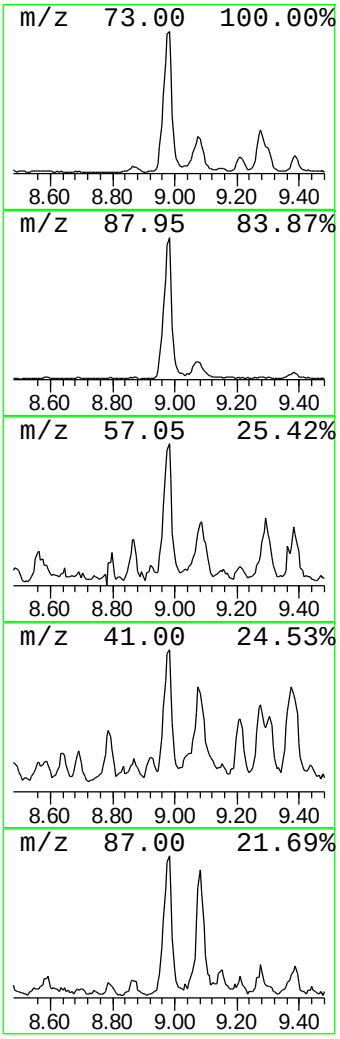
Peak Number 19 Hexanoic acid, 2-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	3.51 ng/ul	605211	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	38
4	Iminodiacetic acid	133	C4H7NO4	000142-73-4	38
5	1,4-Dioxane	88	C4H8O2	000123-91-1	37





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Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
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Instrument : BNA_N
ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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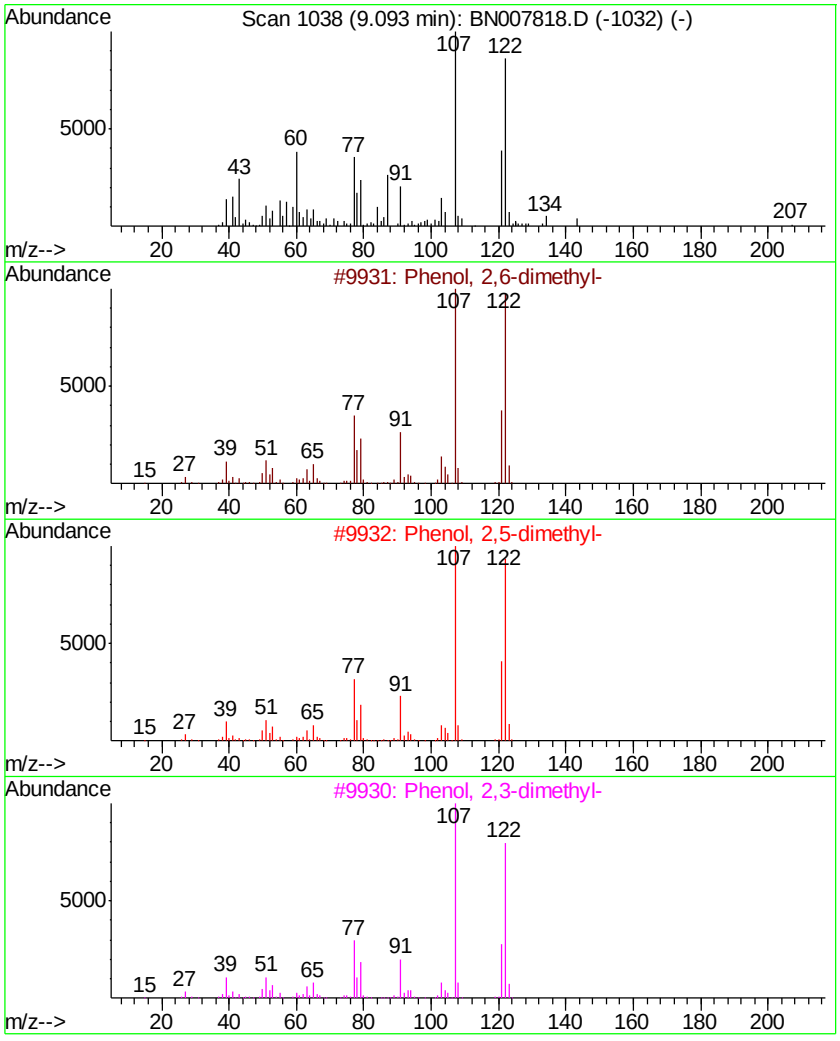
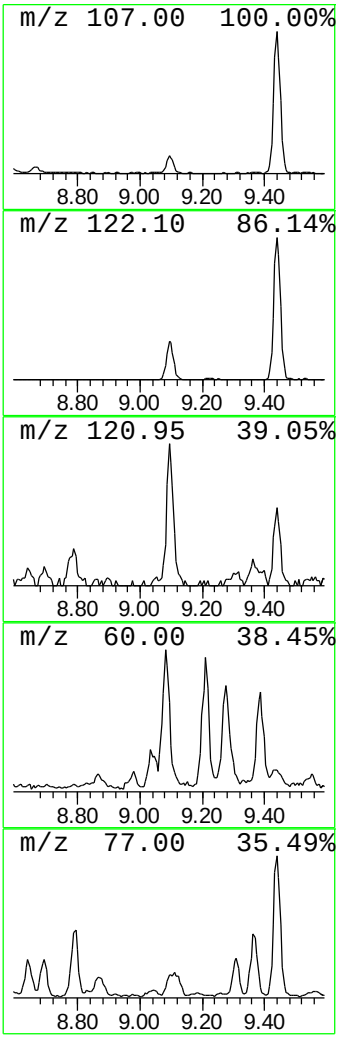
Peak Number 20 Phenol, 2,6-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.00 ng/ul	520658	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	83
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	83
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	60





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ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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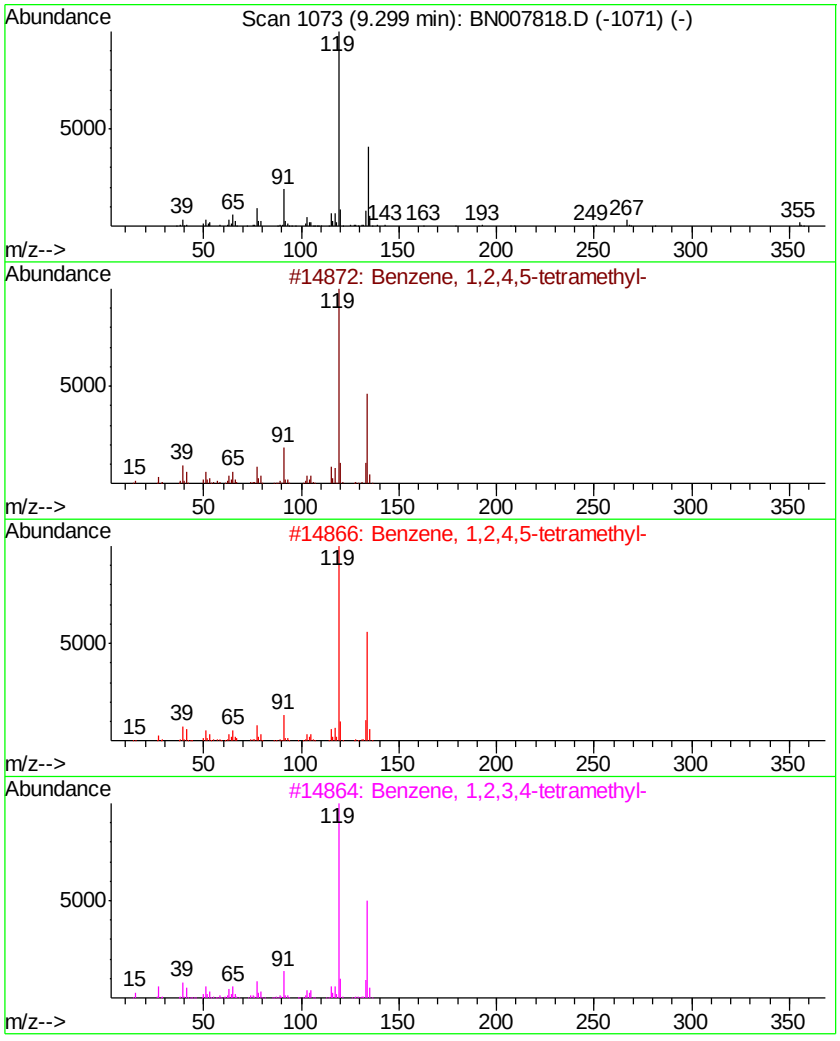
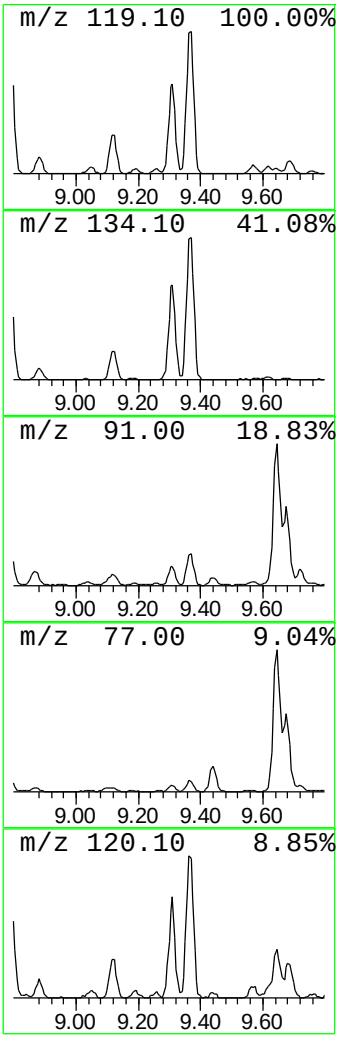
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	3.40 ng/ul	882989	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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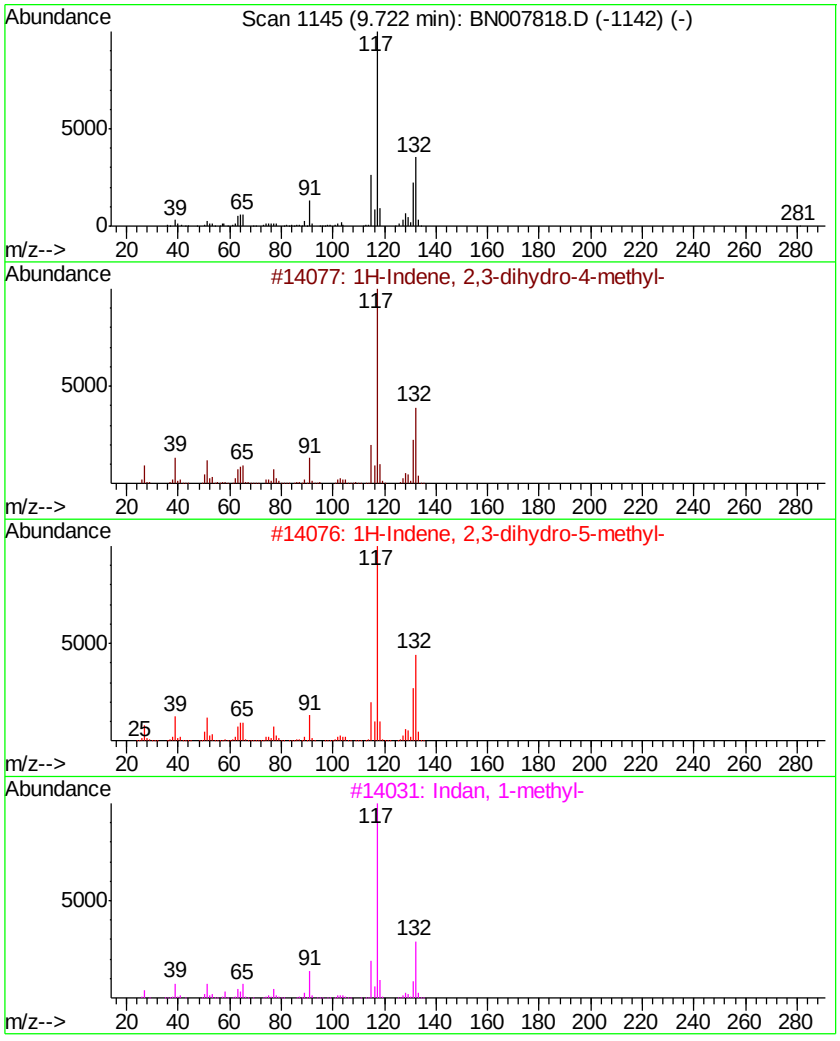
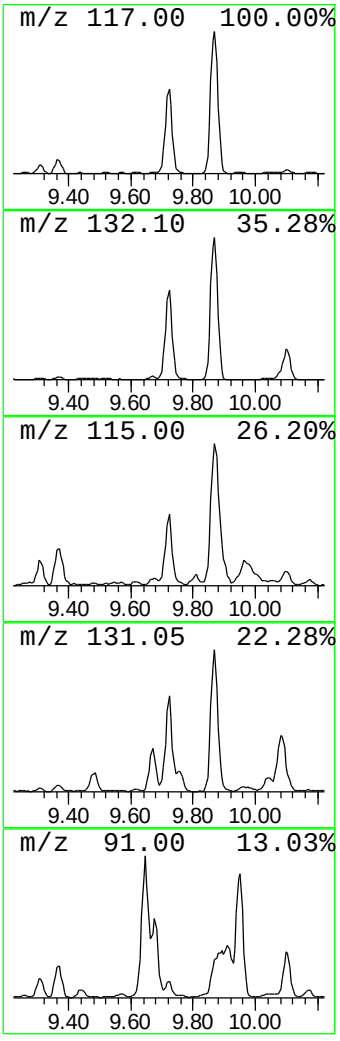
Peak Number 24 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.22 ng/ul	837053	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72





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Instrument : BNA_N
ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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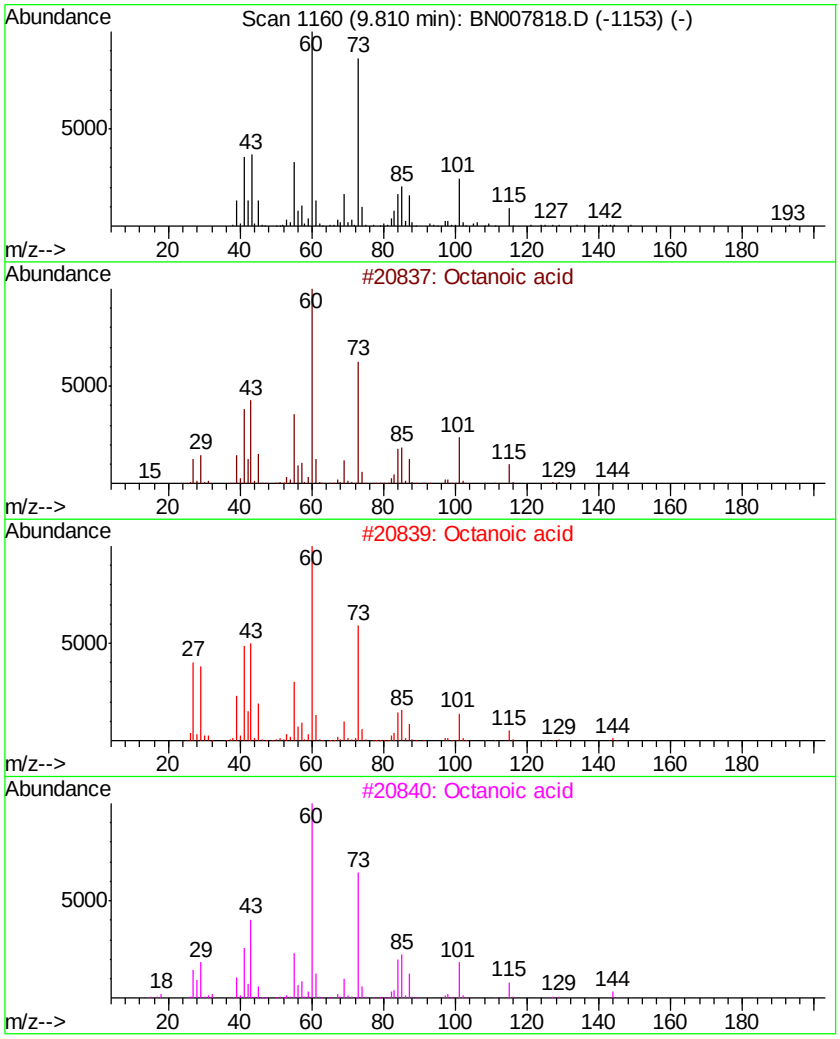
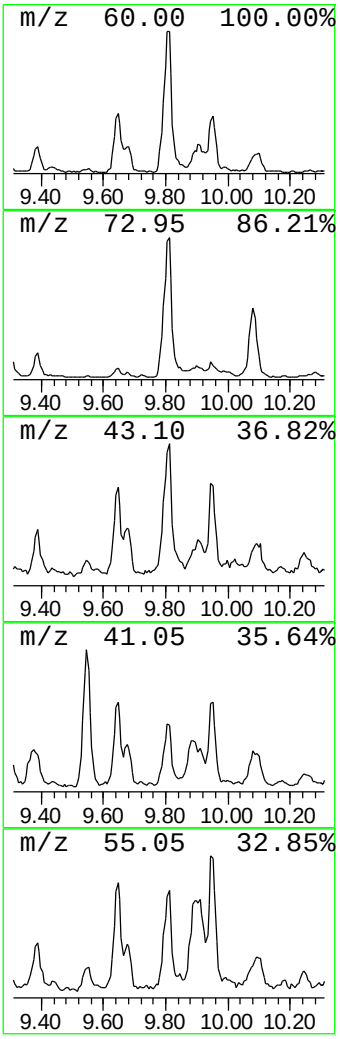
Peak Number 25 Octanoic acid Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	2.42 ng/ul	630211	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	87
2	Octanoic acid	144	C8H16O2	000124-07-2	83
3	Octanoic acid	144	C8H16O2	000124-07-2	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Pentanoic acid	102	C5H10O2	000109-52-4	49





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Quant Title : SVOA CALIBRATION

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

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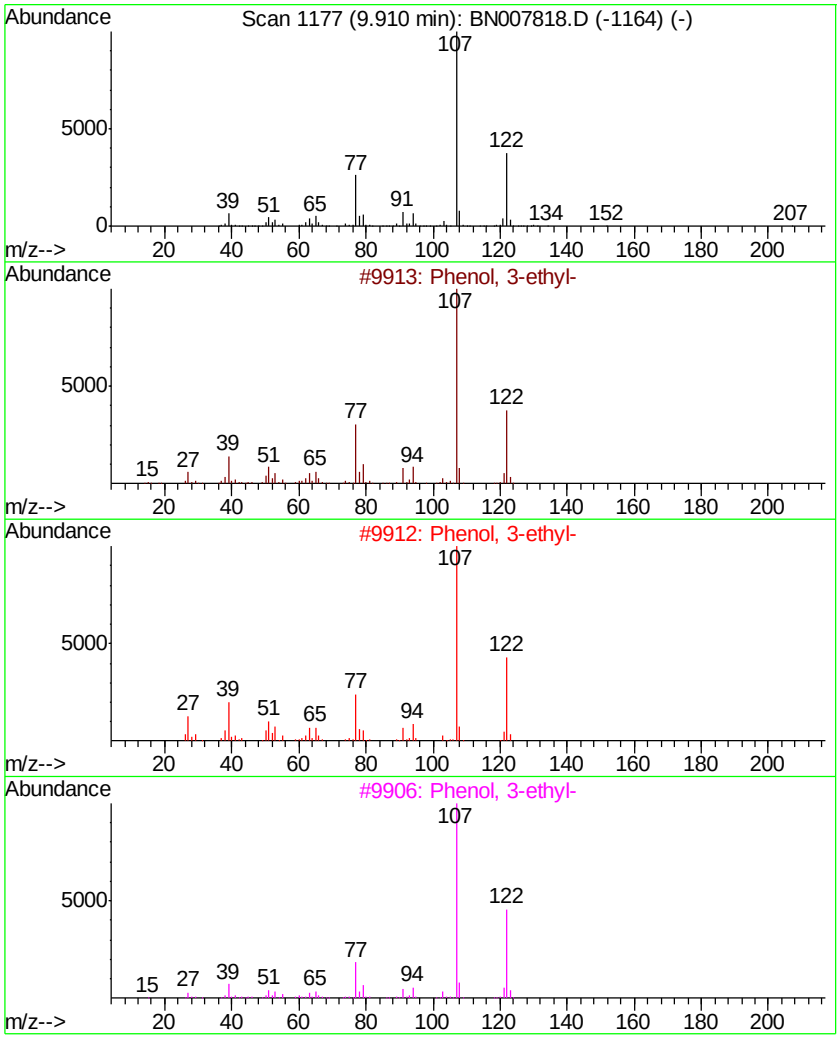
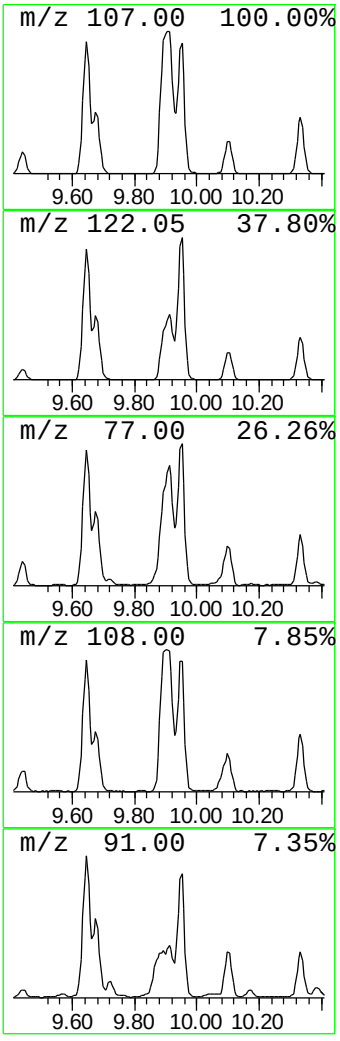
Peak Number 26 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	40.03 ng/ul	10404800	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

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Quant Title : SVOA CALIBRATION

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

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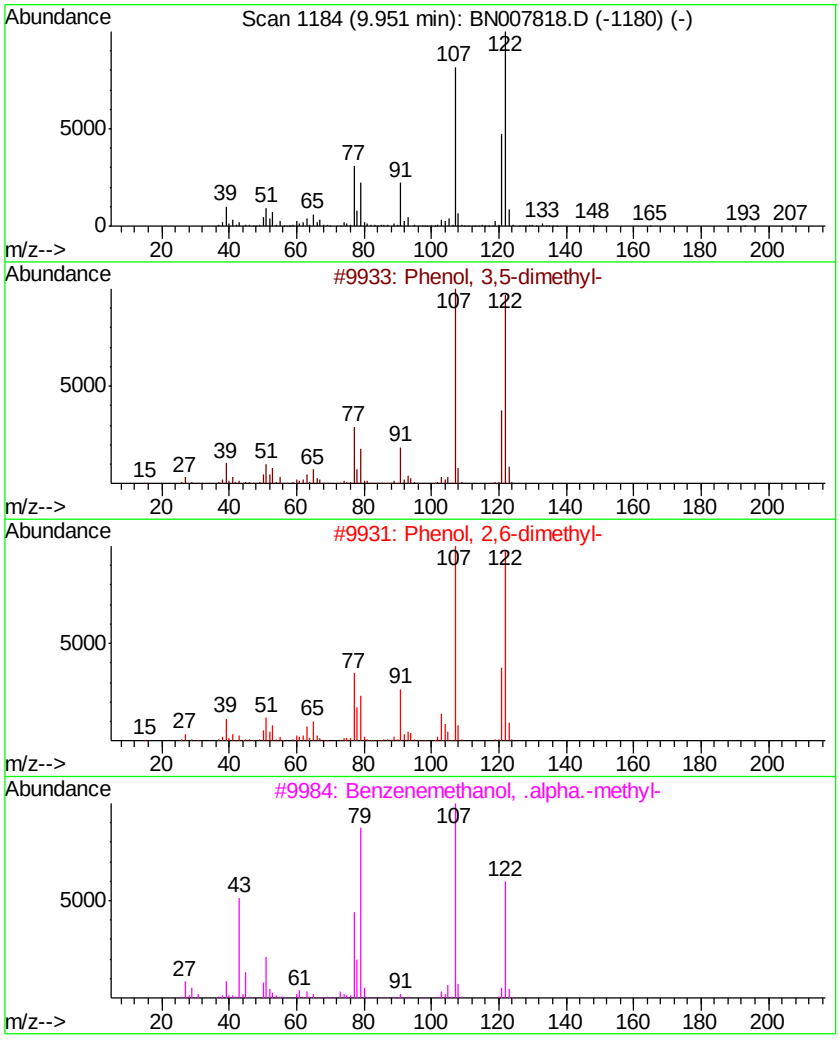
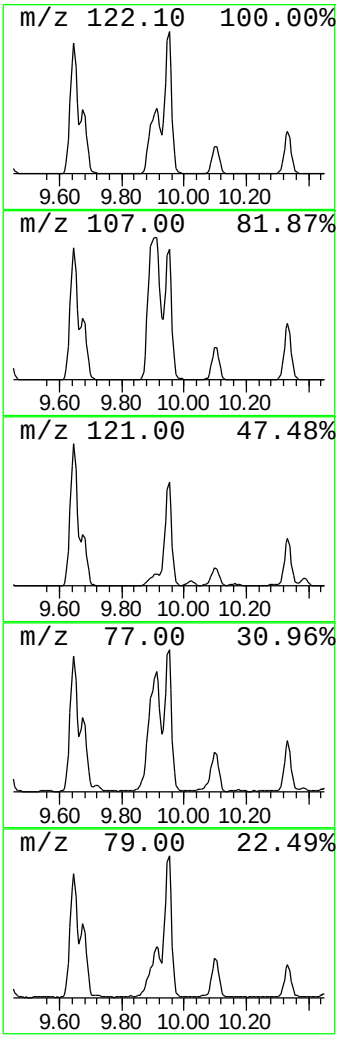
Peak Number 27 Phenol, 3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	29.13 ng/ul	7572870	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91
3	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	90
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90





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Quant Title : SVOA CALIBRATION

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

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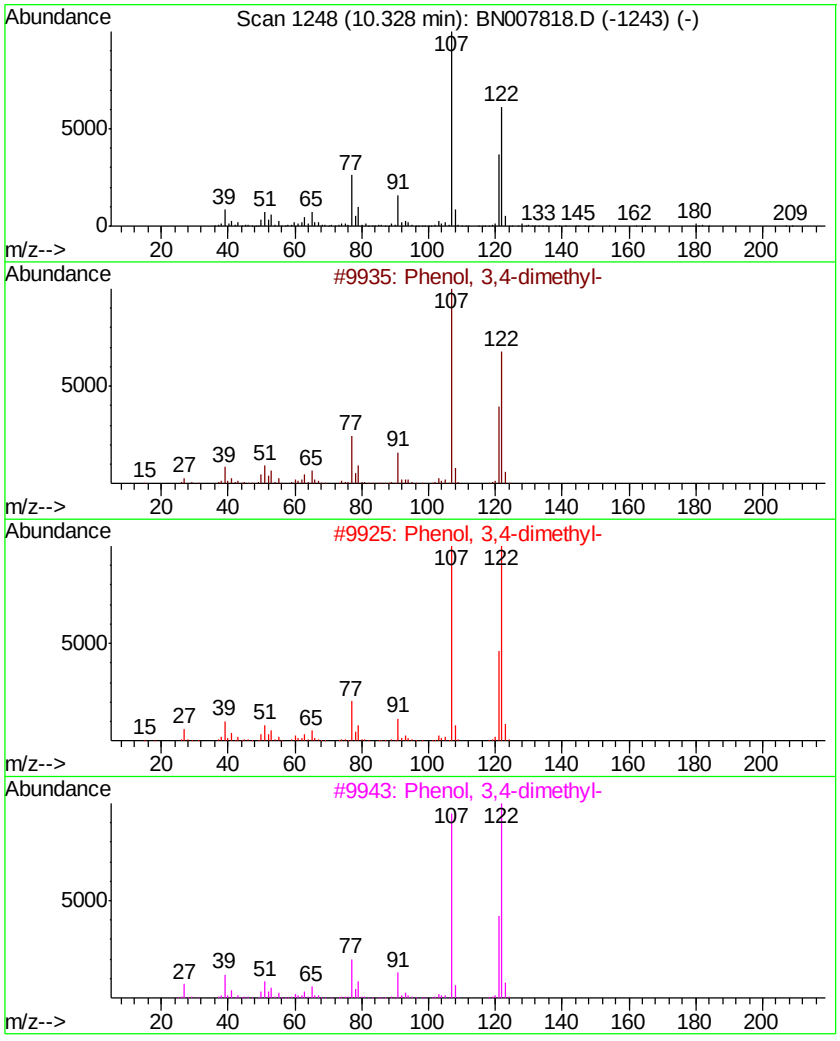
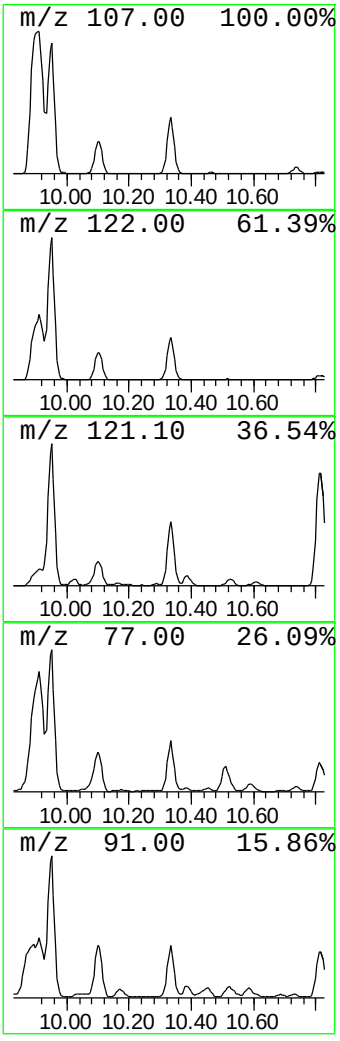
Peak Number 28 Phenol, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	11.36 ng/ul	2954020	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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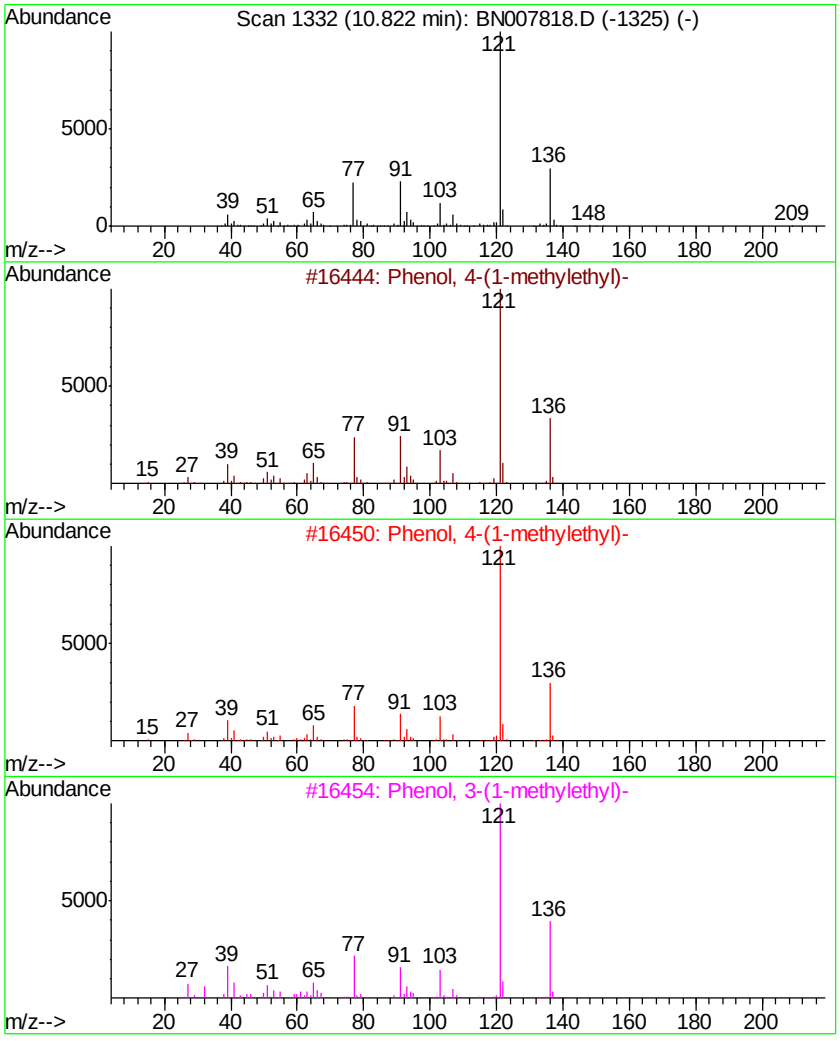
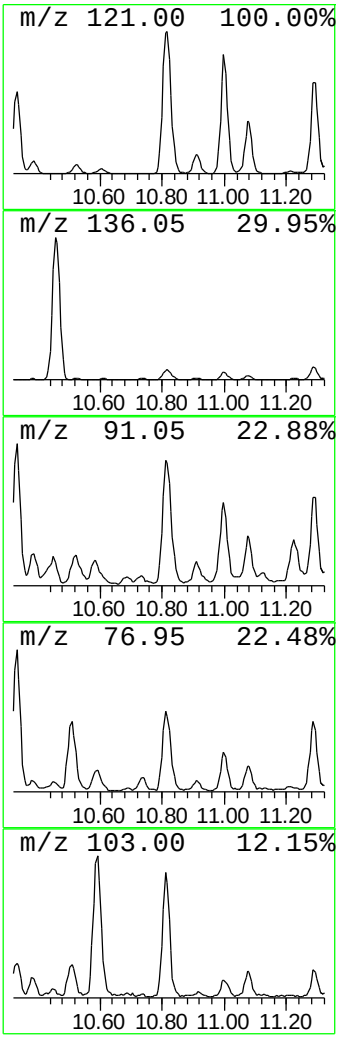
Peak Number 29 Phenol, 4-(1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	6.97 ng/ul	1812780	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	96
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	95
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	94
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	94
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	93





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Quant Title : SVOA CALIBRATION

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

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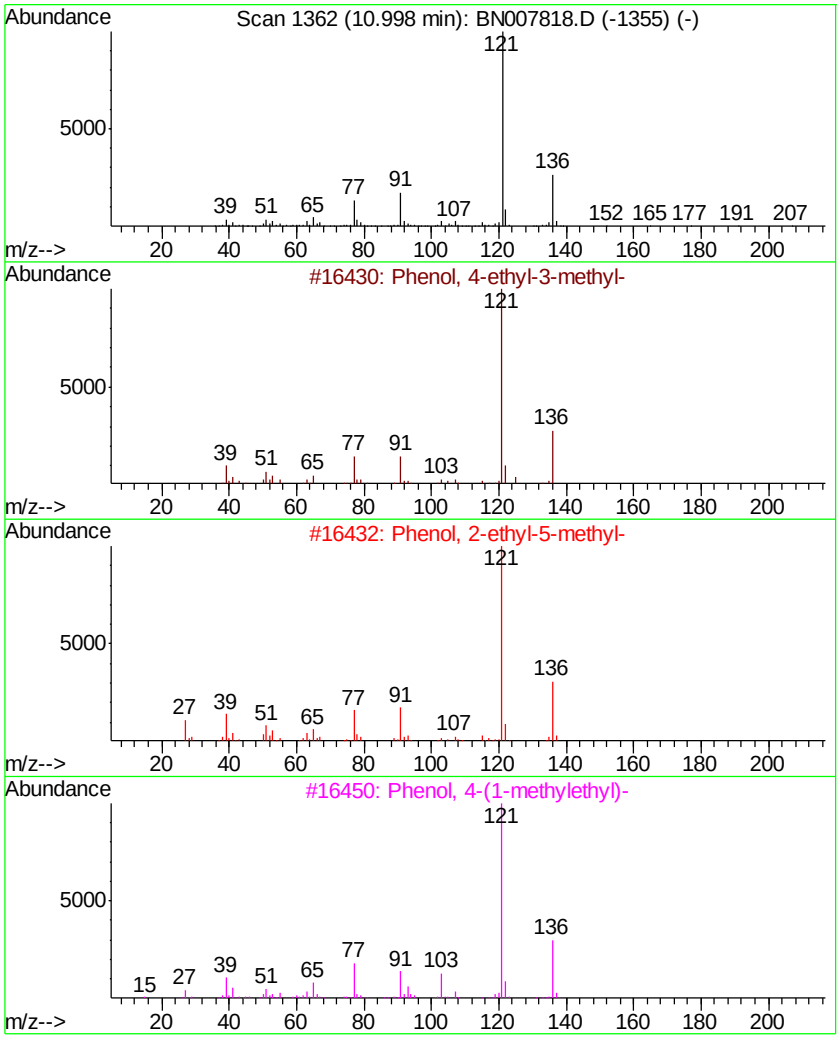
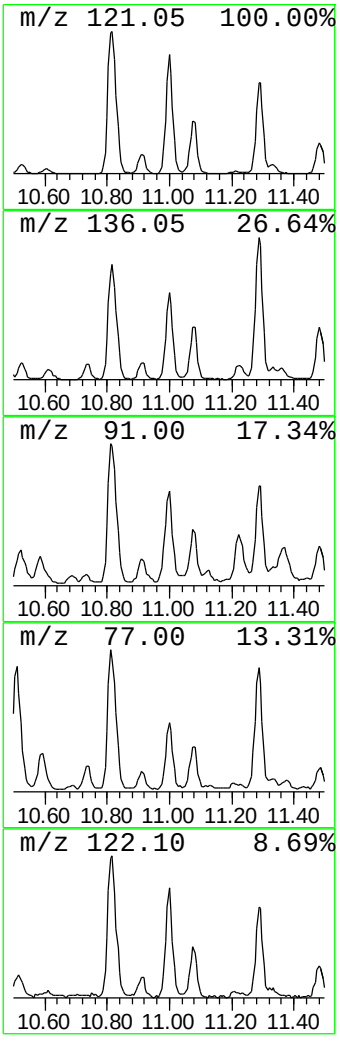
Peak Number 30 Phenol, 4-ethyl-3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	4.03 ng/ul	1047110	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	90
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	87





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Quant Title : SVOA CALIBRATION

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

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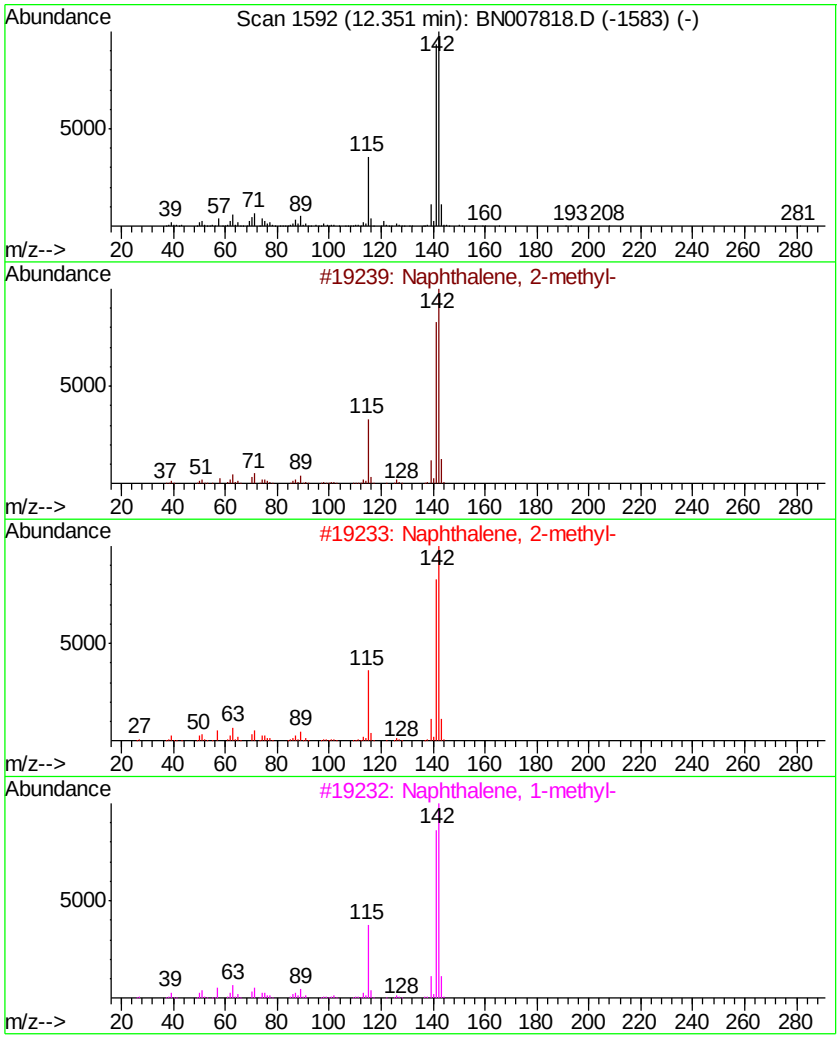
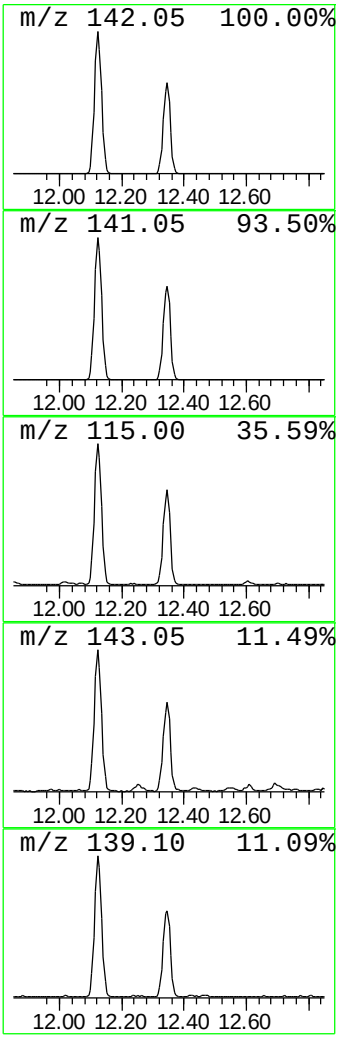
Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	8.66 ng/ul	2250570	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	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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Quant Title : SVOA CALIBRATION

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

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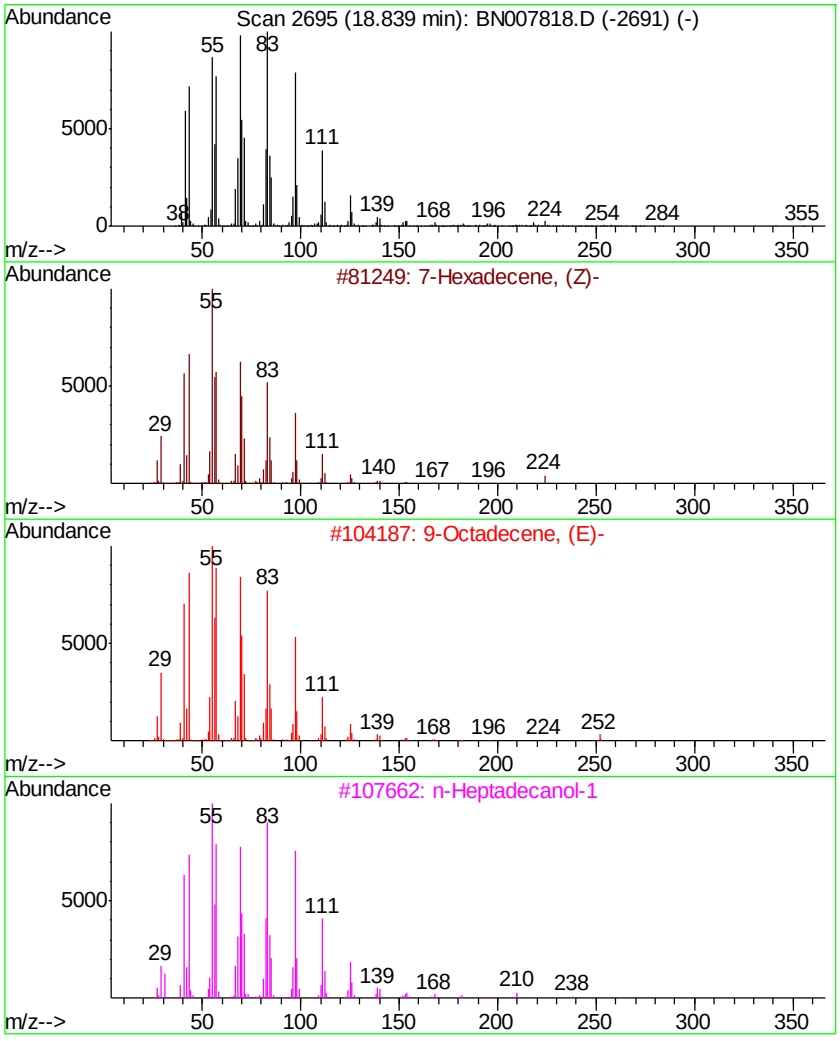
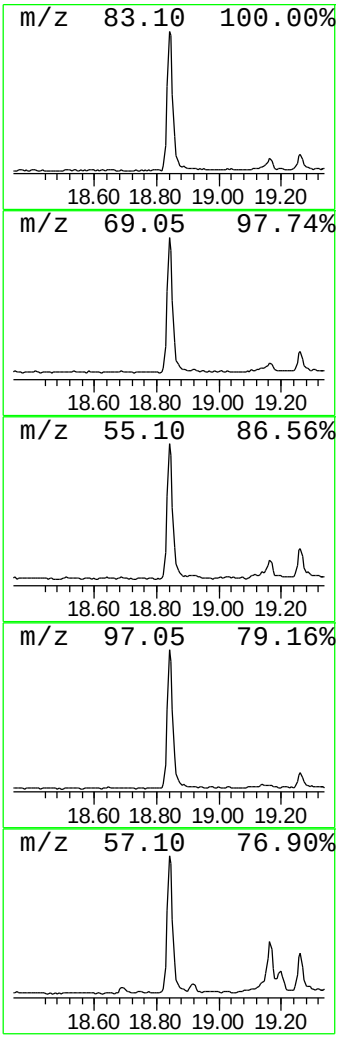
Peak Number 44 (DEL) Alkane: Cyclic18.84 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	10.13 ng/ul	3949340	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	97
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	95
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007818.D
Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

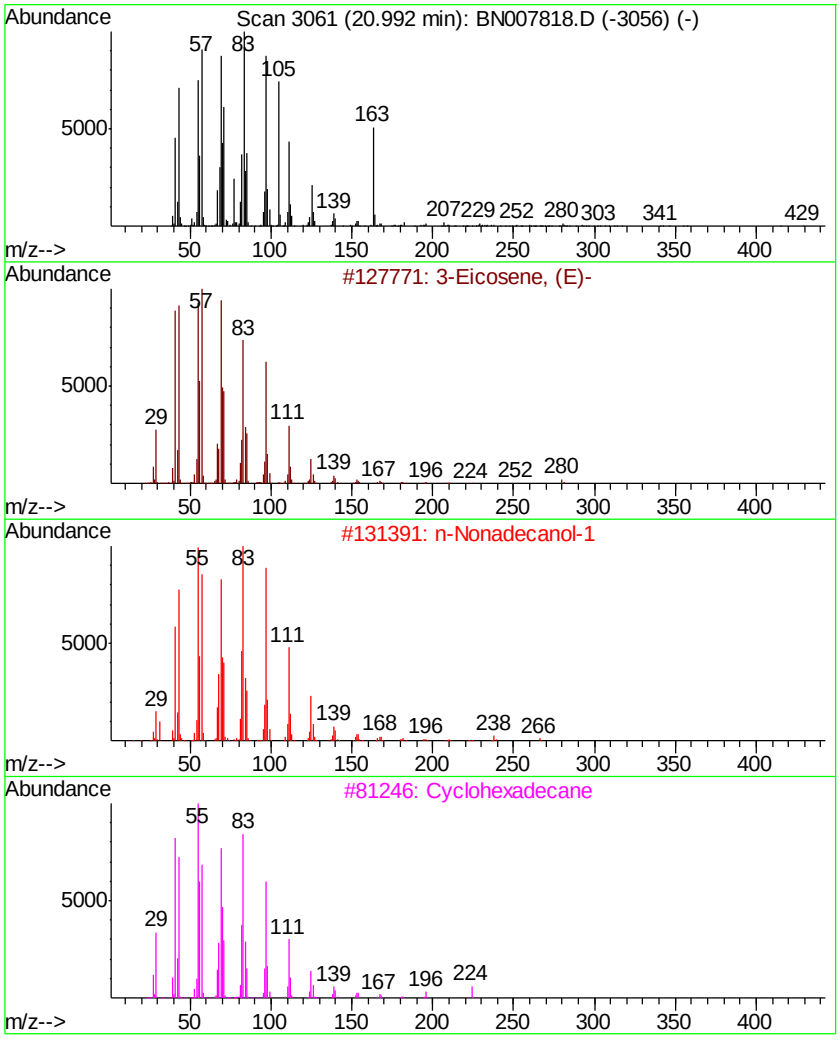
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

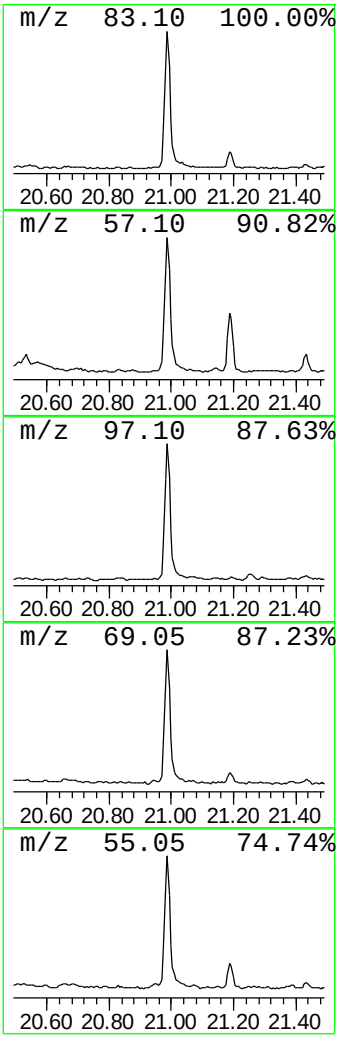
****

Peak Number 47 (DEL) Alkane: Cyclic20.99 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	6.53 ng/ul	3244500	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Cyclohexadecane	224	C16H32	000295-65-8	92
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007818.D
Acq On : 24 Sep 2019 01:04
Operator : HP/JU
Sample : K4895-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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
Methyl Isobutyl K...	3.58	6.4	ng/ul	1107320	1	7.69	3445350	20.0
2-Octanol	3.79	11.7	ng/ul	2015830	1	7.69	3445350	20.0
Toluene	3.96	7.0	ng/ul	1201930	1	7.69	3445350	20.0
3-Hexanone, 2-met...	4.22	2.6	ng/ul	445437	1	7.69	3445350	20.0
Ethylbenzene	5.25	5.7	ng/ul	974534	1	7.69	3445350	20.0
Benzene, 1,3-dime...	5.38	24.1	ng/ul	4142950	1	7.69	3445350	20.0
p-Xylene	5.73	15.5	ng/ul	2665520	1	7.69	3445350	20.0
Benzene, propyl-	6.69	4.2	ng/ul	725250	1	7.69	3445350	20.0
Benzene, 1-ethyl-...	6.80	13.7	ng/ul	2359190	1	7.69	3445350	20.0
Benzene, 1,2,3-tr...	7.09	8.2	ng/ul	1411980	1	7.69	3445350	20.0
Mesitylene	7.35	38.3	ng/ul	6590990	1	7.69	3445350	20.0
1-Hexanol, 2-ethyl-	7.76	2.9	ng/ul	495960	1	7.69	3445350	20.0
Indane	8.06	8.6	ng/ul	1476740	1	7.69	3445350	20.0
Benzene, 1-methyl...	8.24	4.3	ng/ul	731464	1	7.69	3445350	20.0
Benzene, 2-ethyl-...	8.33	7.8	ng/ul	1346040	1	7.69	3445350	20.0
o-Cymene	8.64	3.8	ng/ul	651005	1	7.69	3445350	20.0
Hexanoic acid, 2-...	8.98	3.5	ng/ul	605211	1	7.69	3445350	20.0
Phenol, 2,6-dimet...	9.09	2.0	ng/ul	520658	2	10.46	5199040	20.0
Benzene, 1,2,4,5-...	9.30	3.4	ng/ul	882989	2	10.46	5199040	20.0
1H-Indene, 2,3-di...	9.72	3.2	ng/ul	837053	2	10.46	5199040	20.0
Octanoic acid	9.81	2.4	ng/ul	630211	2	10.46	5199040	20.0
Phenol, 3-ethyl-	9.91	40.0	ng/ul	10404800	2	10.46	5199040	20.0
Phenol, 3,5-dimet...	9.95	29.1	ng/ul	7572870	2	10.46	5199040	20.0
Phenol, 3,4-dimet...	10.33	11.4	ng/ul	2954020	2	10.46	5199040	20.0
Phenol, 4-(1-meth...	10.82	7.0	ng/ul	1812780	2	10.46	5199040	20.0
Phenol, 4-ethyl-3...	11.00	4.0	ng/ul	1047110	2	10.46	5199040	20.0
Naphthalene, 1-me...	12.35	8.7	ng/ul	2250570	2	10.46	5199040	20.0
(DEL) Alkane: Cyc...	18.84	10.1	ng/ul	3949340	4	17.06	7794120	20.0
(DEL) Alkane: Cyc...	20.99	6.5	ng/ul	3244500	5	21.26	9941710	20.0