LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007819.D
Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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	3.281	46	50	65	rVB	4326116	5217522	31.98%	2.484%
2	3.581	97	101	105	rVB	170588	206897	1.27%	0.099%
3	3.640	107	111	116	rVV	144077	191962	1.18%	0.091%
4	3.693	116	120	126	rVV	535024	602136	3.69%	0.287%
5	3.964	158	166	179	rVB	1559196	2272132	13.93%	1.082%
6	4.216	204	209	216	rVV	1150467	1423634	8.73%	0.678%
7	4.281	216	220	233	rVB2	149229	286734	1.76%	0.137%
8	4.387	234	238	246	rVV	1521900	1986654	12.18%	0.946%
9	4.452	246	249	258	rVB	78249	137531	0.84%	0.065%
10	4.828	305	313	323	rBV	1964413	2682753	16.44%	1.277%
11	5.246	377	384	391	rVV	494814	715524	4.39%	0.341%
12	5.375	400	406	424	rVV	1466444	2841342	17.42%	1.353%
13	5.675	451	457	462	rVV	275608	403535	2.47%	0.192%
14	5.734	462	467	481	rVB	1324660	2003657	12.28%	0.954%
15	6.687	623	629	640	rBV	247436	449999	2.76%	0.214%
16	6.799	640	648	653	rVV	869700	1296528	7.95%	0.617%
17	6.857	653	658	666	rVV3	906674	1729734	10.60%	0.824%
18	6.928	666	670	678	rVB	698620	1010993	6.20%	0.481%
19	7.028	681	687	693	rBV	1512865	2411652	14.78%	1.148%
20	7.093	693	698	705	rVB	602242	924874	5.67%	0.440%
21	7.222	713	720	730	rBV	1797790	2847732	17.46%	1.356%
22	7.346	735	741	749	rVB	2455048	3632650	22.27%	1.730%
23	7.687	792	799	805	rBV	2147453	3415407	20.94%	1.626%
24	7.805	814	819	828	rVB	1129555	1842597	11.29%	0.877%
25	8.057	855	862	869	rVB2	497314	966763	5.93%	0.460%
26	8.187	878	884	887	rBV	170320	268292	1.64%	0.128%
27	8.240	887	893	898	rVB2	223070	390208	2.39%	0.186%
28	8.328	900	908	913	rBV	467678	735378	4.51%	0.350%
29	8.387	913	918	924	rBV	1496512	2250447	13.79%	1.072%
30	8.452	924	929	932	rBV	159964	243845	1.49%	0.116%
31	8.493	932	936	944	rVB2	177686	325937	2.00%	0.155%
32	8.640	955	961	965	rBV	250508	374356	2.29%	0.178%
33	8.693	965	970	977	rVB	263702	409664	2.51%	0.195%
34	8.793	980	987	989	rBV	530682	874698	5.36%	0.416%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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	8.828	989	993	998	rBV	1642001	2305091	14.13%	1.098%
36	9.046	1021	1030	1036	rBV10	62577	178932	1.10%	0.085%
37	9.116	1036	1042	1049	rVB2	153782	284636	1.74%	0.136%
38	9.304	1069	1074	1079	rVB	336824	522003	3.20%	0.249%
39	9.369	1079	1085	1093	rVB	511528	825439	5.06%	0.393%
40	9.546	1107	1115	1123	rBV	1619805	2671827	16.38%	1.272%
41	9.646	1123	1132	1135	rBV2	356271	643331	3.94%	0.306%
42	9.675	1135	1137	1141	rVV3	235196	325909	2.00%	0.155%
43	9.722	1141	1145	1152	rVB	291470	441317	2.71%	0.210%
44	9.875	1160	1171	1179	rBV4	894199	2087176	12.79%	0.994%
45	9.946	1179	1183	1192	rVB	605061	935601	5.73%	0.445%
46	10.081	1199	1206	1216	rVB	2761359	4865928	29.83%	2.317%
47	10.175	1216	1222	1229	rVB3	71526	139837	0.86%	0.067%
48	10.334	1243	1249	1254	rBV2	153137	301043	1.85%	0.143%
49	10.387	1254	1258	1261	rVV2	100404	164365	1.01%	0.078%
50	10.457	1261	1270	1275	rVV	3036279	5239786	32.12%	2.495%
51	10.510	1275	1279	1286	rVV	1676166	2761121	16.92%	1.315%
52	10.593	1286	1293	1306	rVV	2146741	3983118	24.41%	1.897%
53	10.822	1326	1332	1338	rBV3	86196	193105	1.18%	0.092%
54	10.998	1354	1362	1368	rBV	105724	213159	1.31%	0.101%
55	11.075	1371	1375	1380	rVV4	61369	140918	0.86%	0.067%
56	11.287	1408	1411	1417	rVV	124285	222211	1.36%	0.106%
57	11.375	1421	1426	1432	rVB	114487	199020	1.22%	0.095%
58	11.569	1450	1459	1467	rVB4	133509	309707	1.90%	0.147%
59	11.798	1490	1498	1503	rBV3	96857	216266	1.33%	0.103%
60	12.016	1529	1535	1538	rBV3	90114	157144	0.96%	0.075%
61	12.122	1546	1553	1561	rVB	1025987	1594688	9.77%	0.759%
62	12.345	1581	1591	1597	rVB	796026	1318530	8.08%	0.628%
63	12.422	1600	1604	1614	rVB6	79529	165870	1.02%	0.079%
64	13.157	1724	1729	1736	rVB2	162414	279654	1.71%	0.133%
65	13.228	1736	1741	1750	rBV	440662	739240	4.53%	0.352%
66	13.492	1779	1786	1791	rVV4	119955	312461	1.92%	0.149%
67	13.634	1805	1810	1815	rBV	206832	359647	2.20%	0.171%
68	13.692	1816	1820	1821	rVV	148527	188351	1.15%	0.090%
69	13.728	1821	1826	1830	rVV	5075522	7016663	43.01%	3.341%
70	13.775	1830	1834	1838	rVV	2568180	3520330	21.58%	1.676%
71	13.810	1838	1840	1846	rVB	661765	896776	5.50%	0.427%

LSC Area Percent Report

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Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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	14.004	1866	1873	1883	rBV2	5563469	8509209	52.16%	4.052%
73	14.316	1919	1926	1932	rVV	4654576	6876433	42.15%	3.274%
74	14.381	1932	1937	1944	rVB2	115051	254493	1.56%	0.121%
75	14.510	1954	1959	1963	rBV	493662	756636	4.64%	0.360%
76	14.839	2011	2015	2025	rVB2	87553	183007	1.12%	0.087%
77	15.069	2050	2054	2056	rBV	95982	150762	0.92%	0.072%
78	15.310	2089	2095	2101	rBV	7240329	10797476	66.18%	5.141%
79	15.363	2101	2104	2109	rVB2	123905	174820	1.07%	0.083%
80	15.428	2109	2115	2119	rBV	2135734	2915484	17.87%	1.388%
81	15.463	2119	2121	2125	rVB	203185	208959	1.28%	0.099%
82	15.551	2133	2136	2147	rVB3	127603	233206	1.43%	0.111%
83	17.063	2387	2393	2398	rBV	5730585	8114225	49.74%	3.864%
84	17.104	2398	2400	2403	rVV	204734	212231	1.30%	0.101%
85	17.157	2403	2409	2420	rVB2	8402387	12177780	74.64%	5.799%
86	17.463	2458	2461	2465	rVB2	150973	186783	1.14%	0.089%
87	17.975	2544	2548	2557	rBV	1424516	2059907	12.63%	0.981%
88	18.839	2691	2695	2704	rBV	2124689	2966395	18.18%	1.412%
89	19.163	2747	2750	2754	rVB	385134	396660	2.43%	0.189%
90	19.263	2763	2767	2776	rBV	670470	1007974	6.18%	0.480%
91	19.457	2794	2800	2806	rBV	11308912	15330065	93.97%	7.300%
92	19.998	2888	2892	2896	rBV	448582	592377	3.63%	0.282%
93	20.986	3056	3060	3067	rBV2	2032446	2583257	15.83%	1.230%
94	21.251	3100	3105	3111	rBV	7731477	9915358	60.78%	4.721%
95	22.827	3370	3373	3378	rVB	347758	477215	2.93%	0.227%
96	23.333	3451	3459	3465	rBV	8927878	16314277	100.00%	7.768%
97	23.392	3466	3469	3475	rVV2	414807	657556	4.03%	0.313%
98	23.468	3475	3482	3493	rVB	5974499	10822081	66.34%	5.153%
99	24.027	3573	3577	3583	rVB	322841	574205	3.52%	0.273%
100	24.762	3699	3702	3710	rVB	259355	471705	2.89%	0.225%

Sum of corrected areas: 210014503

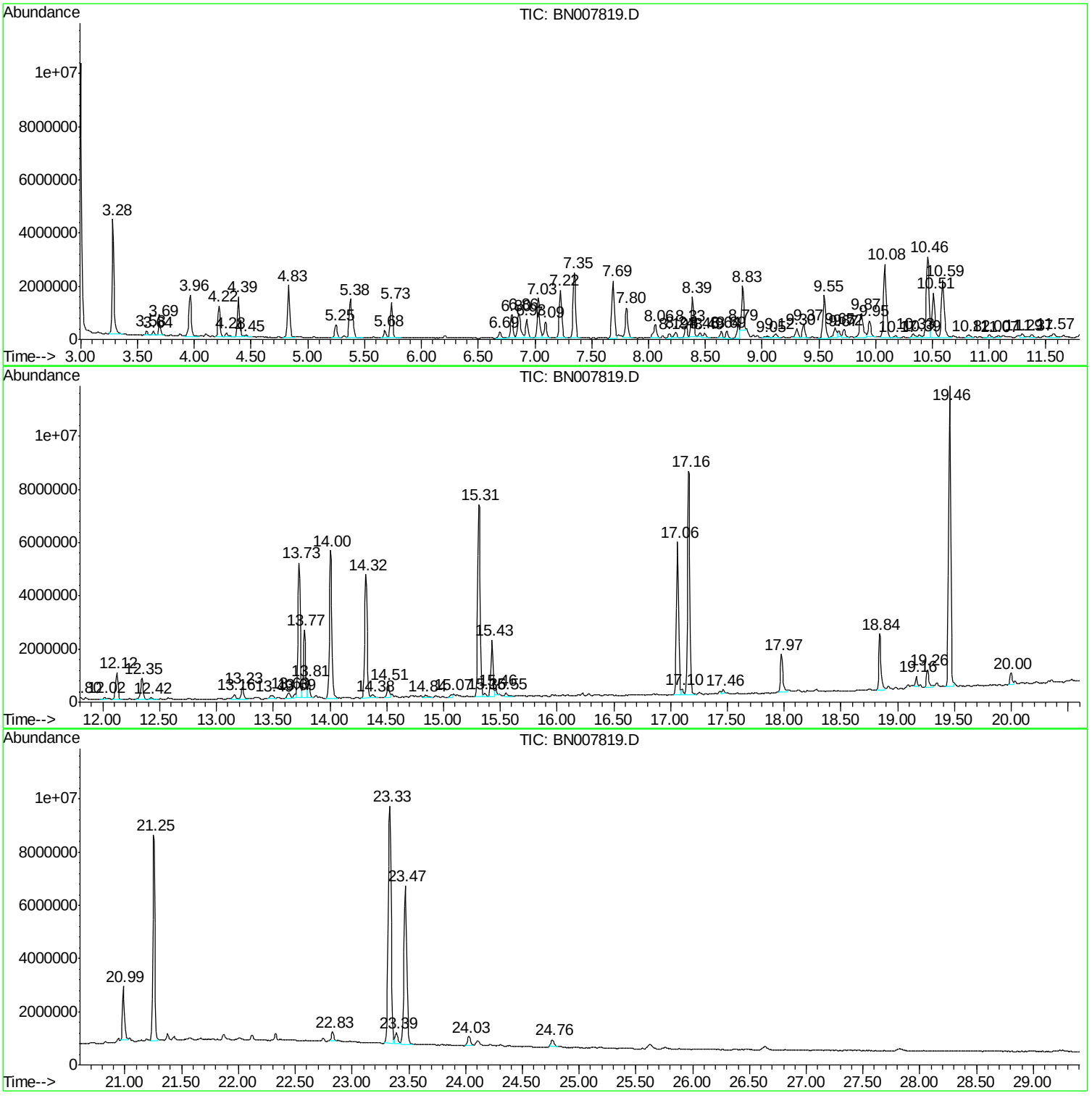
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007819.D
Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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 : BN007819.D
Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
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Instrument : BNA_N
ClientSampleId : BFDH6

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

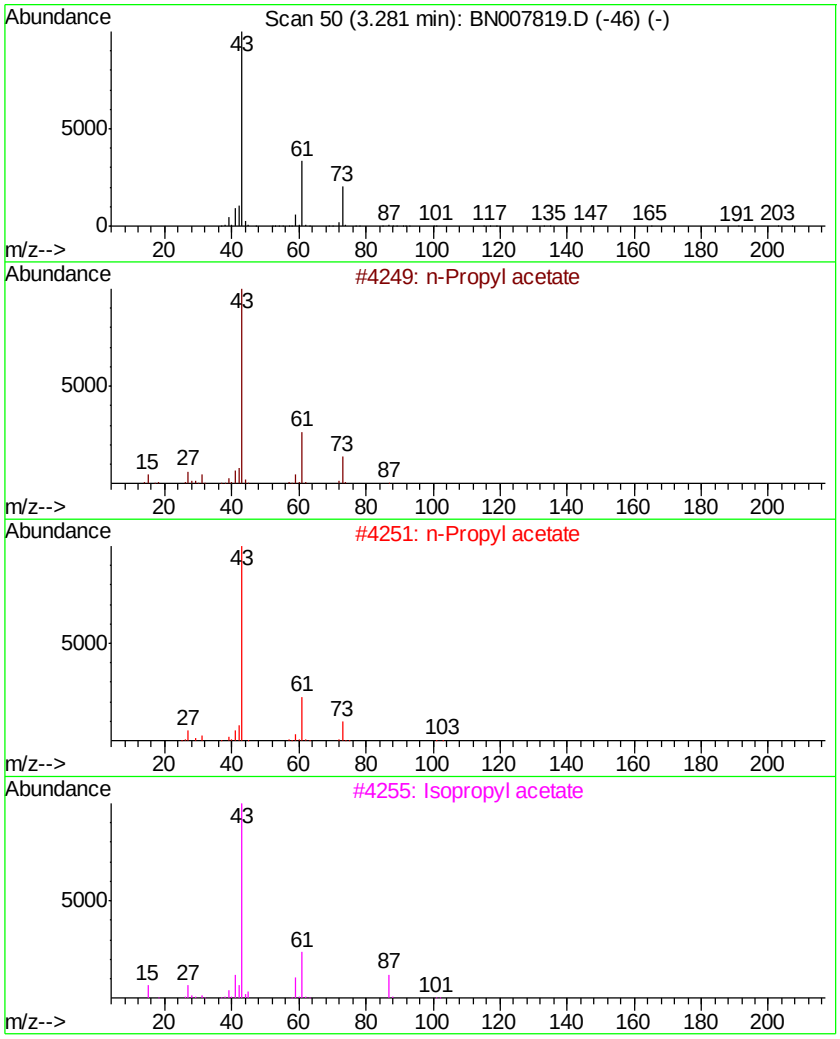
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

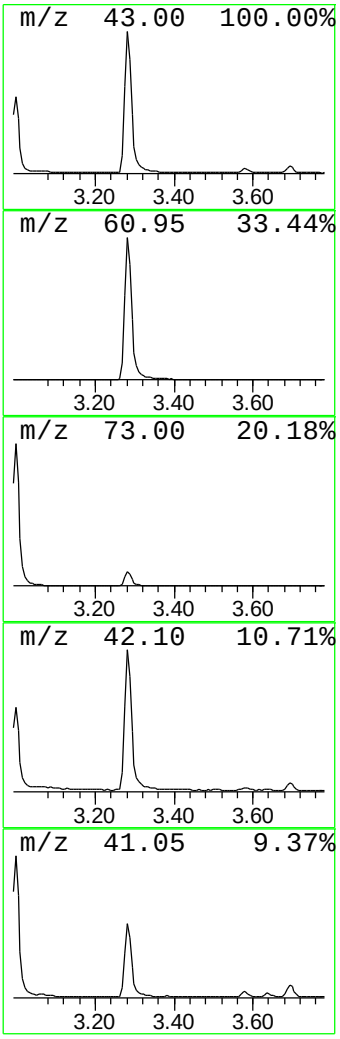
****

Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	30.55 ng/ul	5217520	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	83
3	Isopropyl acetate	102	C5H10O2	000108-21-4	33
4	Acetamide, N-acetyl-N-methyl-	115	C5H9NO2	001113-68-4	9
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007819.D
Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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

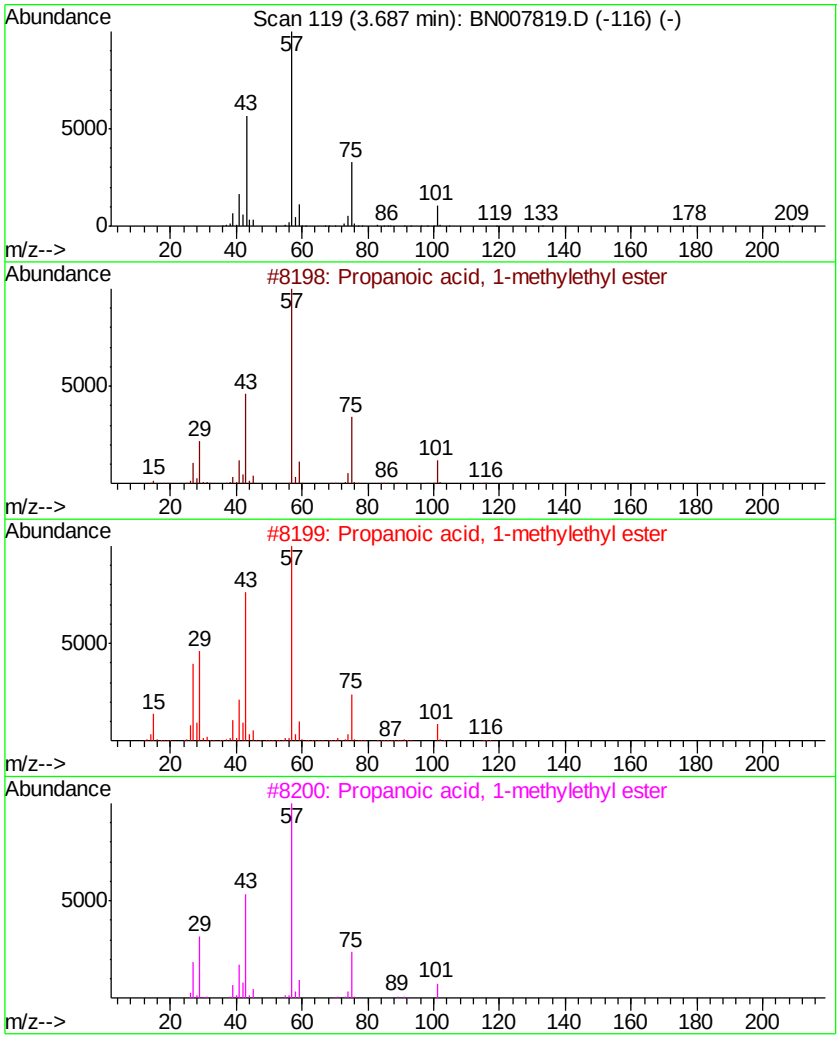
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

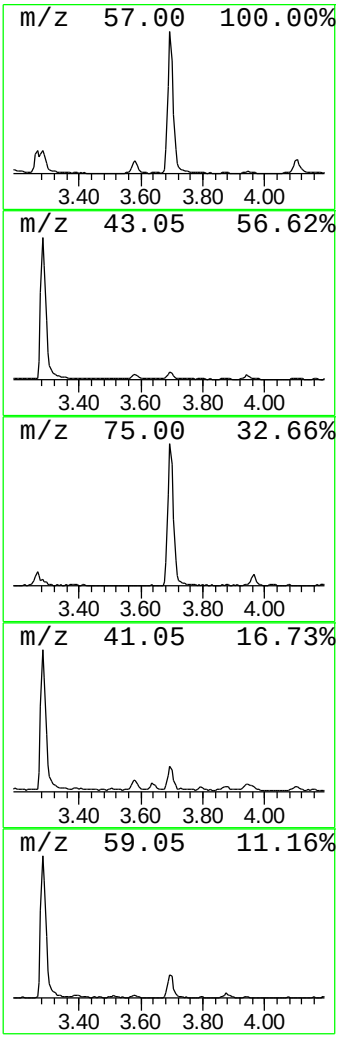
****

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	3.53 ng/ul	602136	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007819.D
Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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

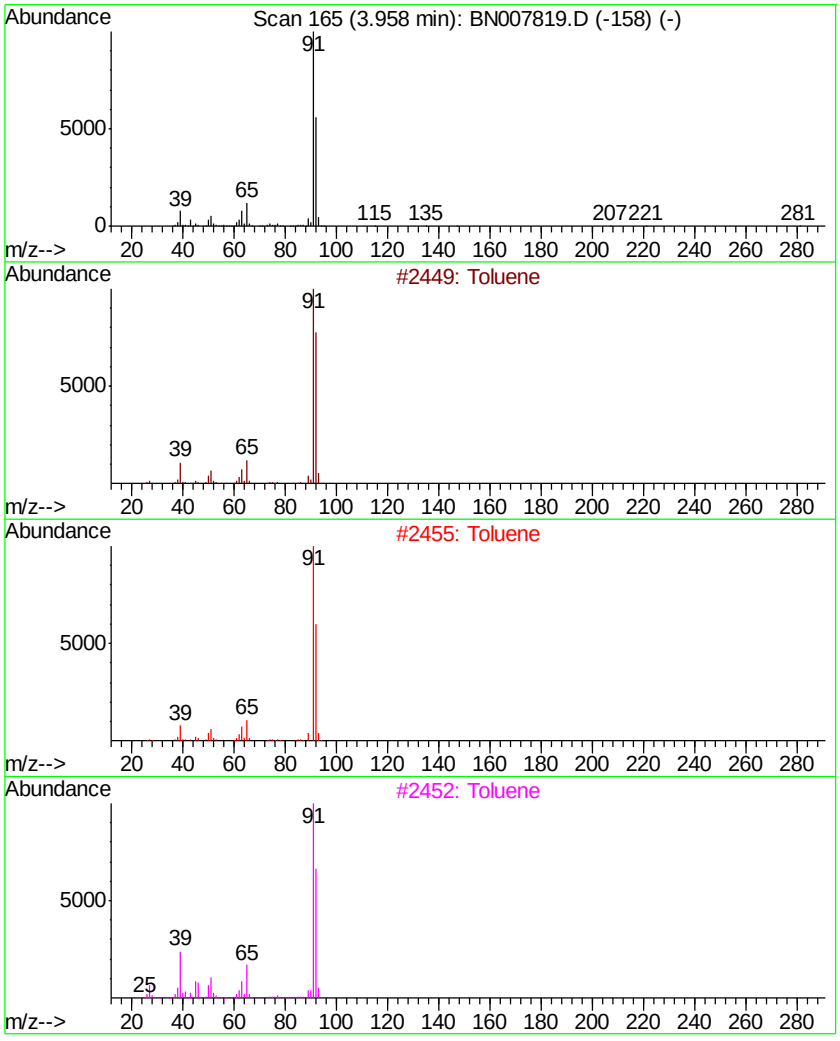
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

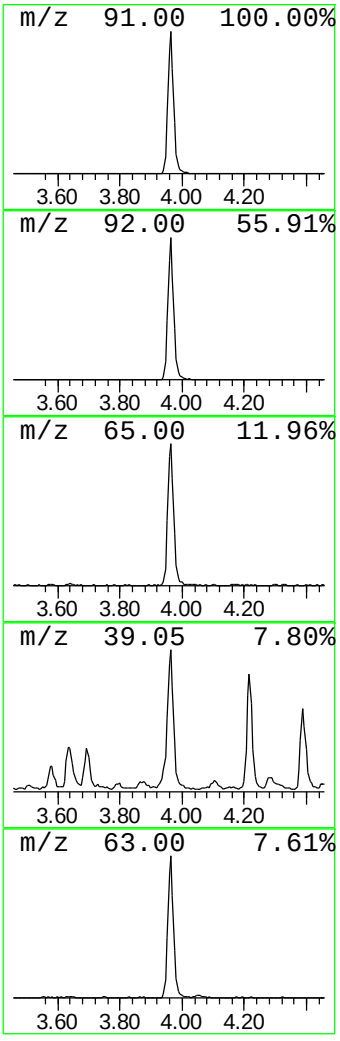
****

Peak Number 3 Toluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	13.31 ng/ul	2272130	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
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	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90





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Data File : BN007819.D
Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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

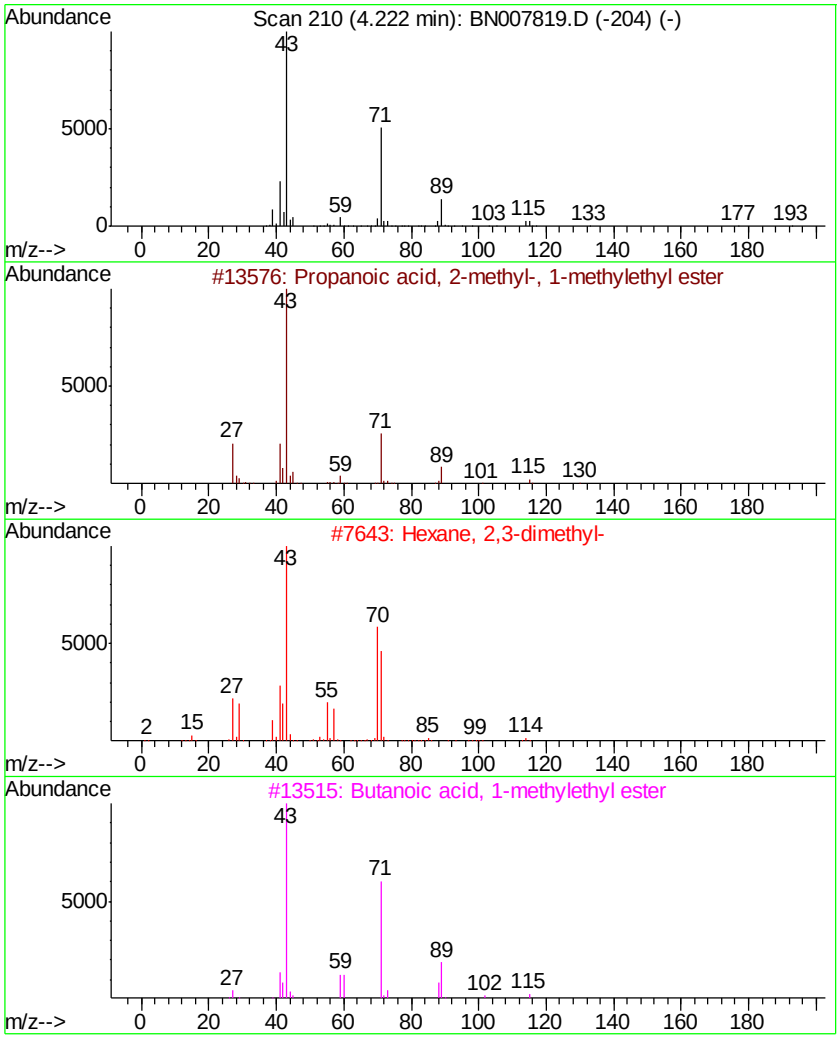
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

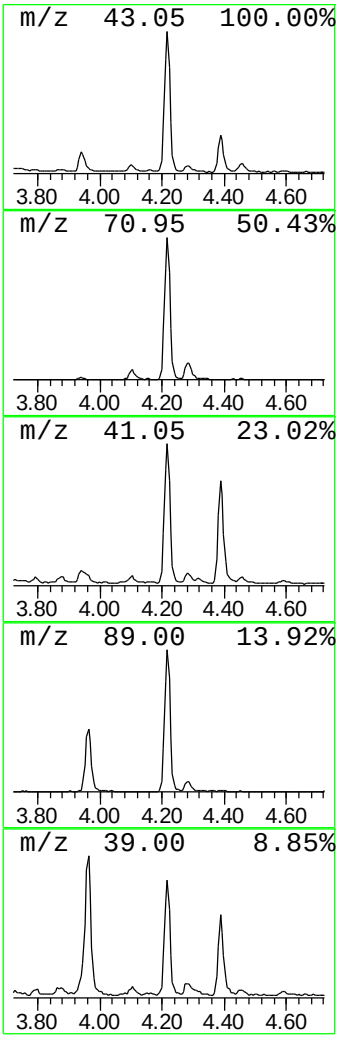
****

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	8.34 ng/ul	1423630	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	38
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007819.D
Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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

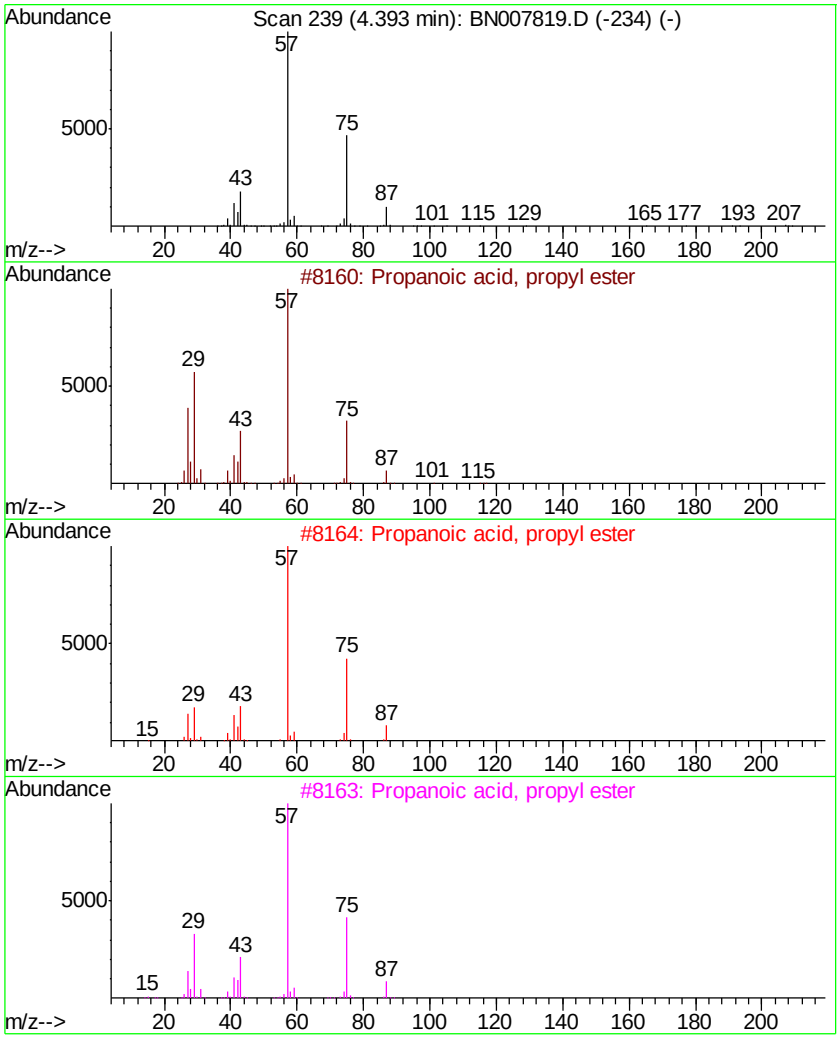
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

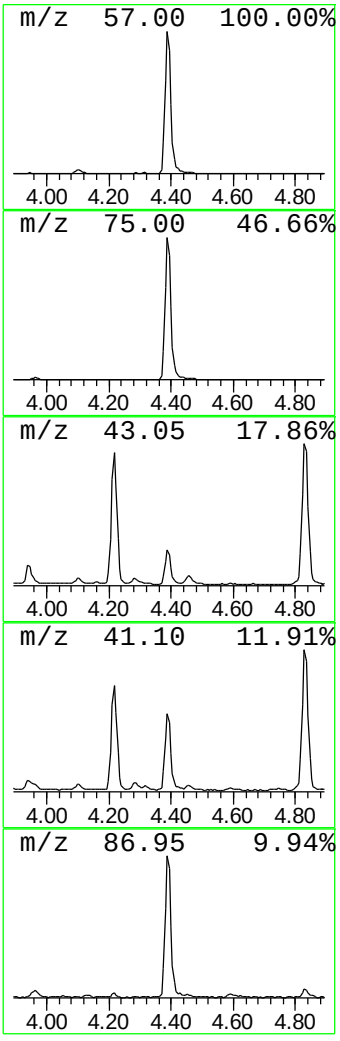
****

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	11.63 ng/ul	1986650	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	72
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28





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Misc :
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Instrument : BNA_N
ClientSampleId : BFDH6

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Quant Title : SVOA CALIBRATION

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

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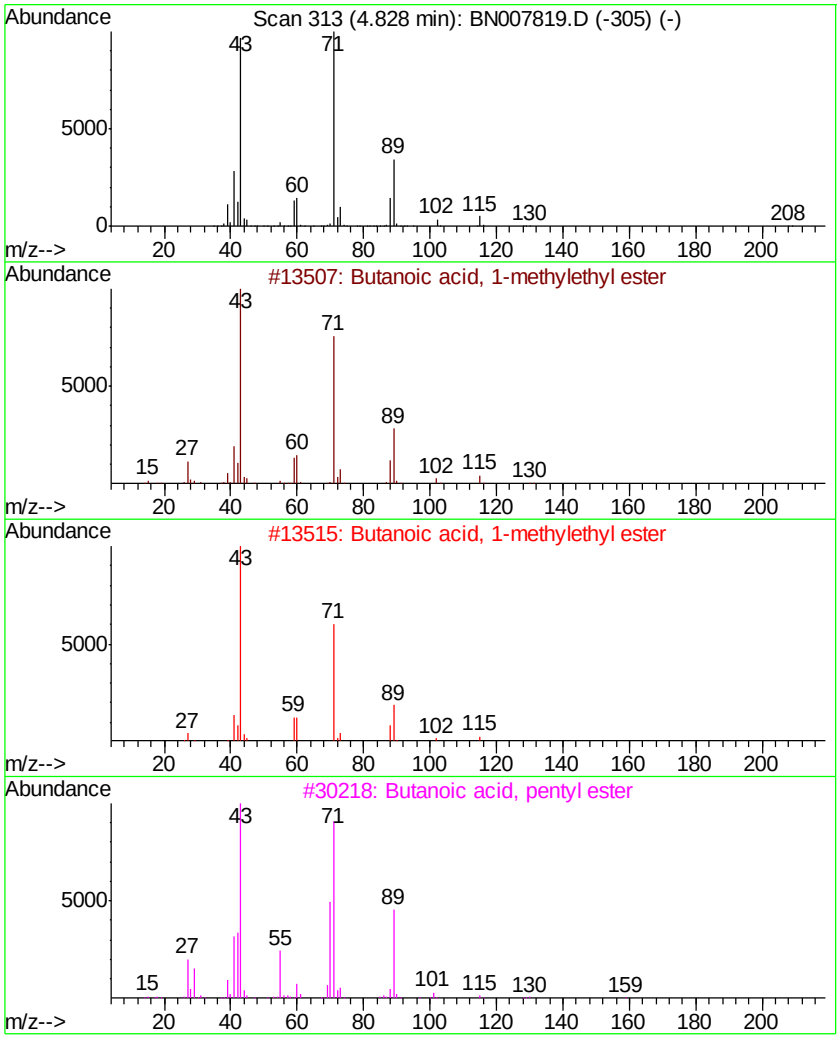
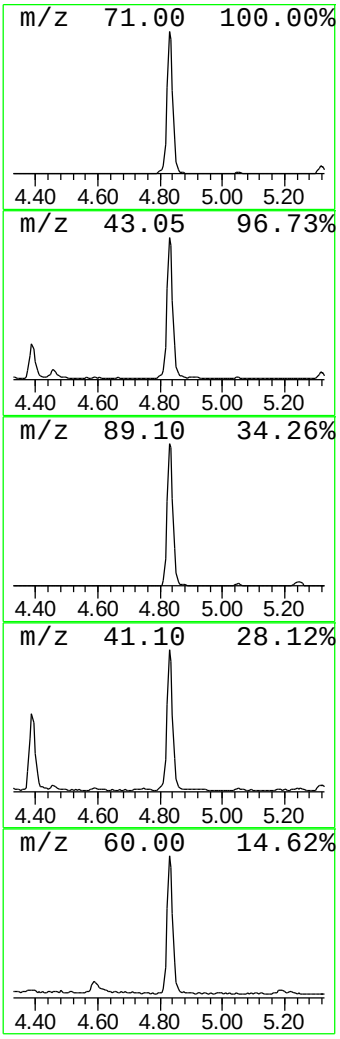
Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	15.71 ng/ul	2682750	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
3	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	72
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	56





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Quant Title : SVOA CALIBRATION

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

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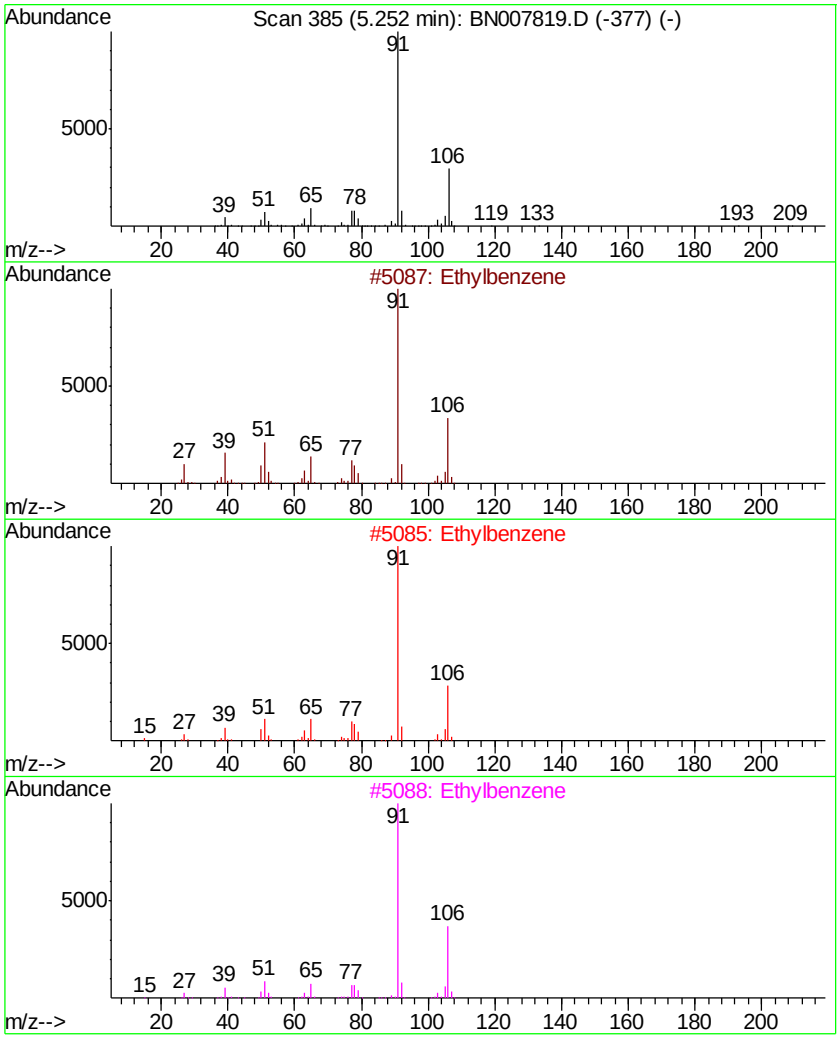
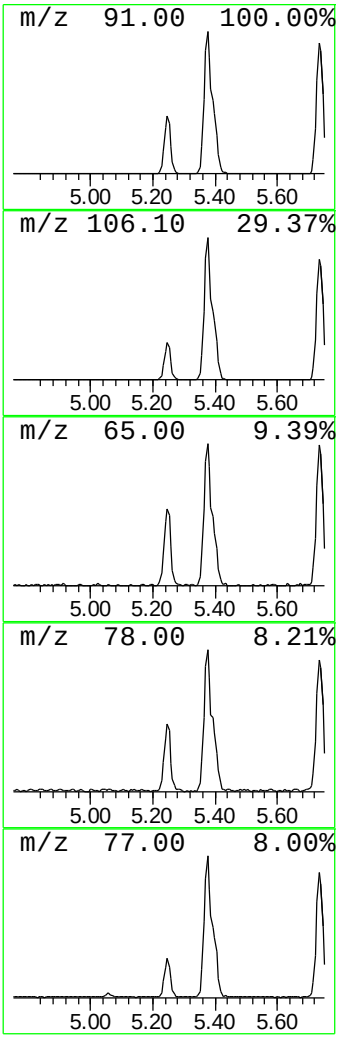
Peak Number 7 Ethylbenzene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	4.19 ng/ul	715524	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	o-Xylene	106	C8H10	000095-47-6	83





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Quant Title : SVOA CALIBRATION

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

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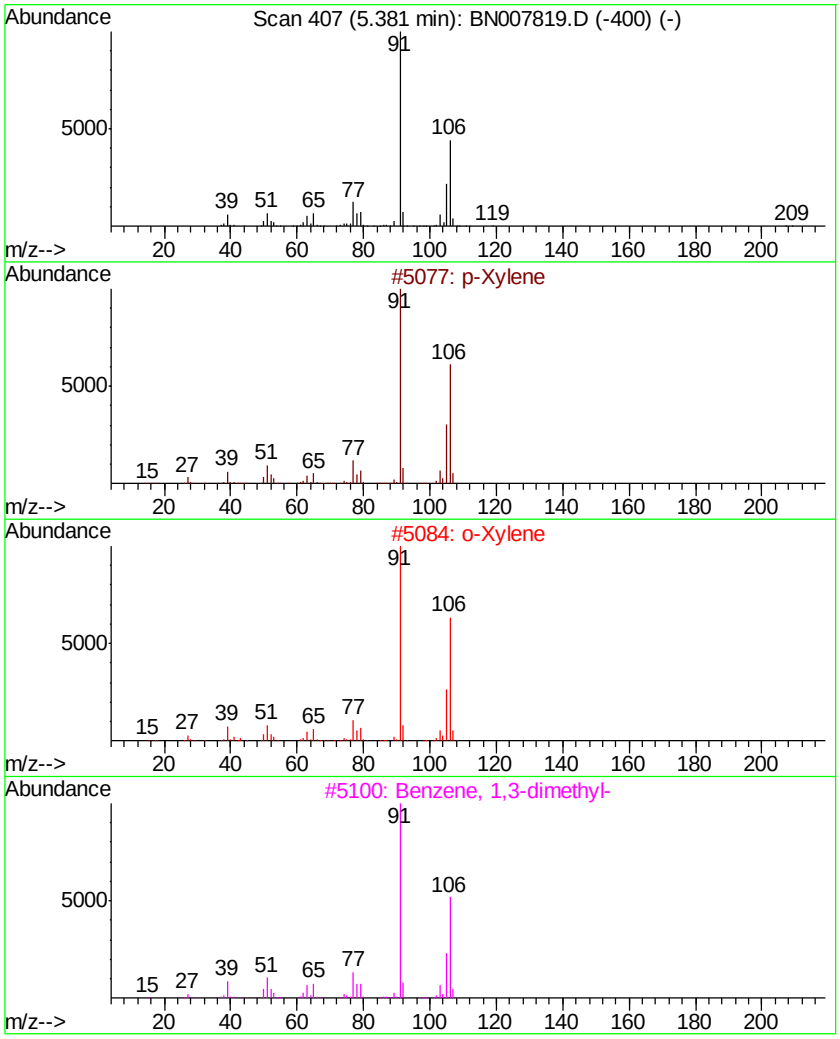
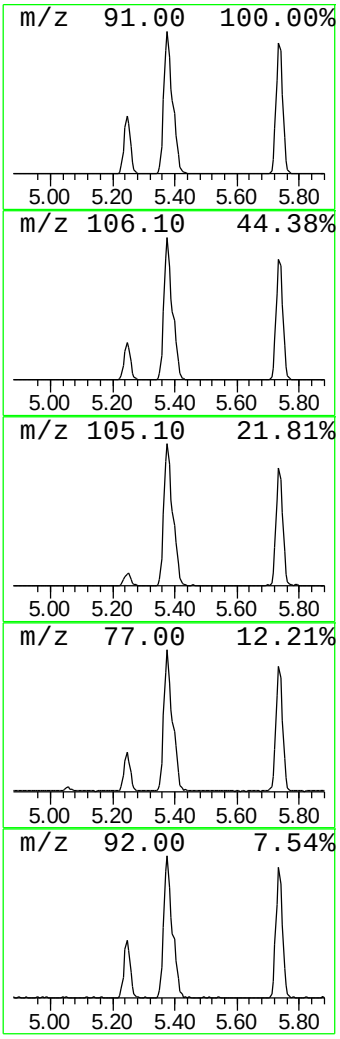
Peak Number 8 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	16.64 ng/ul	2841340	1,4-Dichlorobenzene-d4	7.69

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





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Quant Title : SVOA CALIBRATION

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

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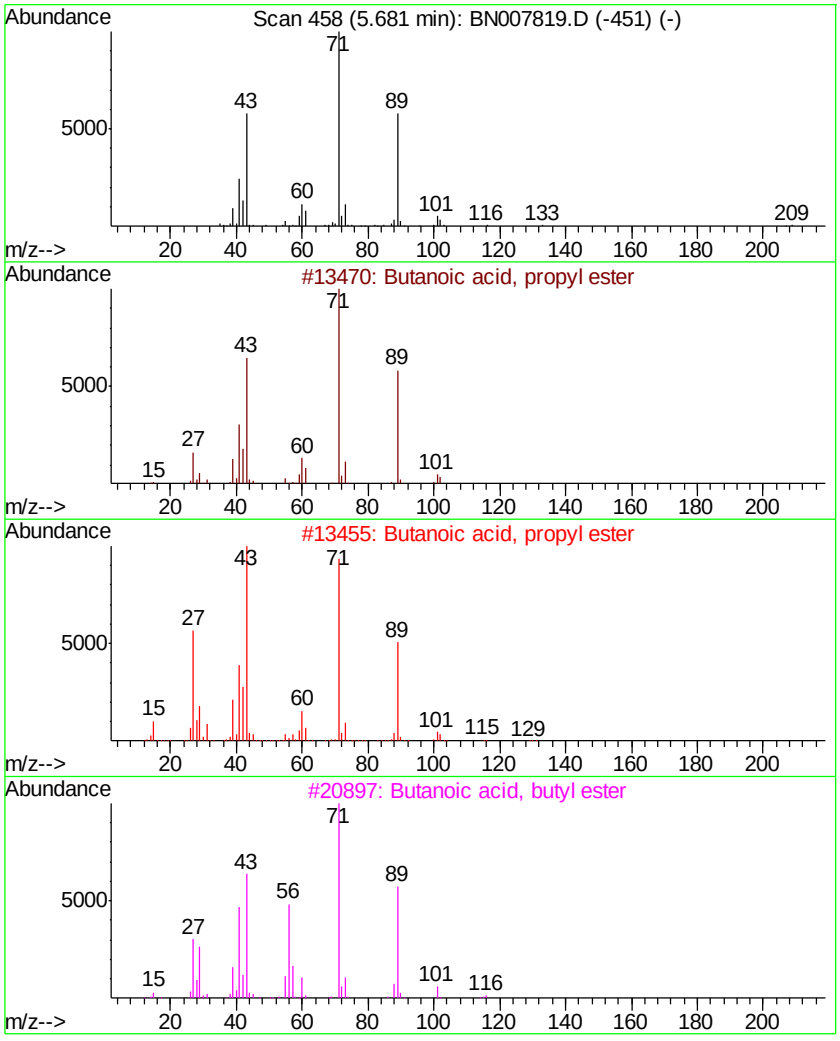
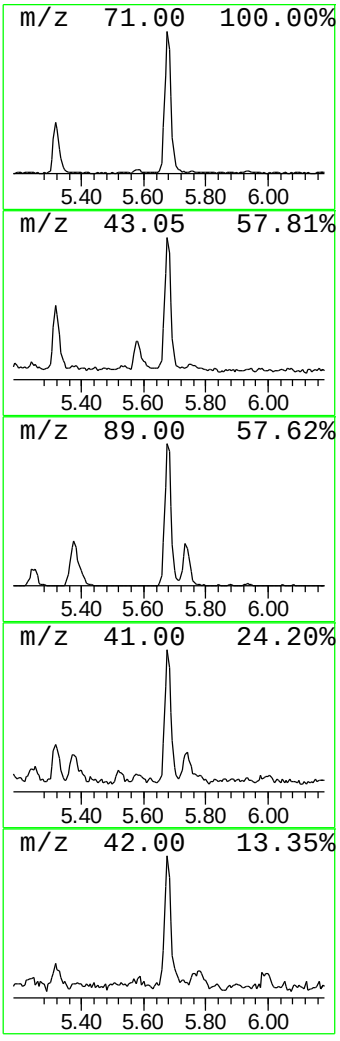
Peak Number 9 Butanoic acid, propyl ester Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	2.36 ng/ul	403535	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	72
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	64





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Quant Title : SVOA CALIBRATION

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

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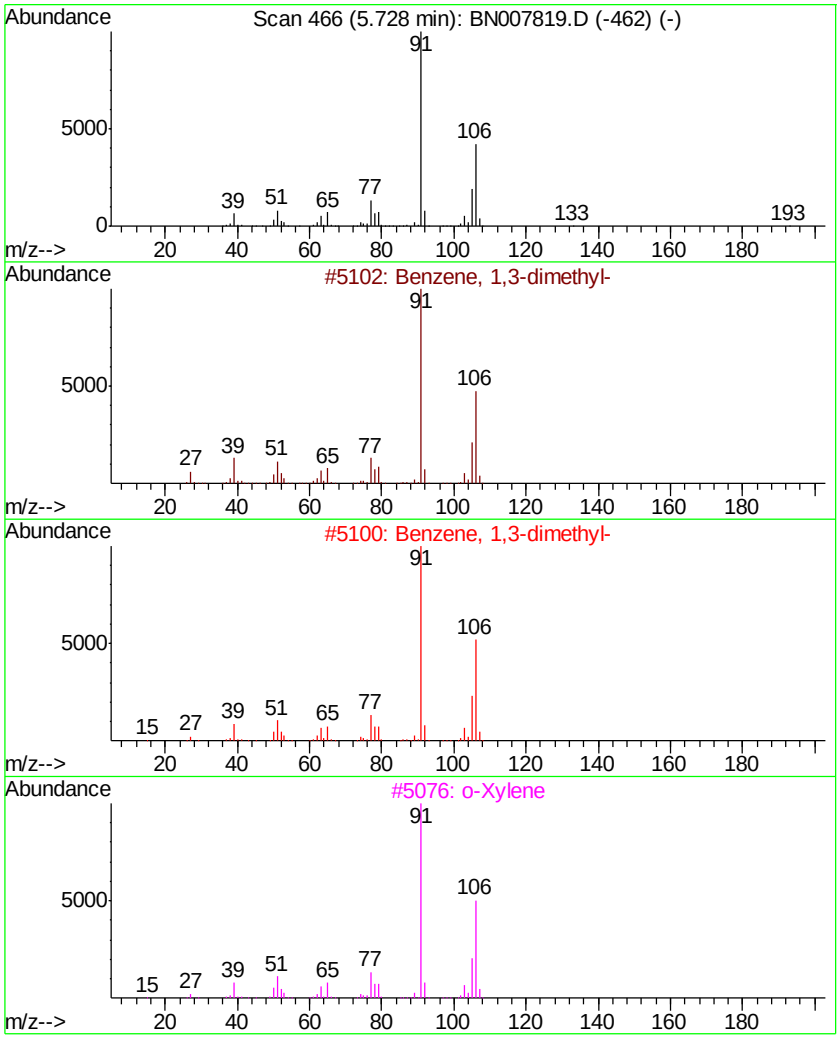
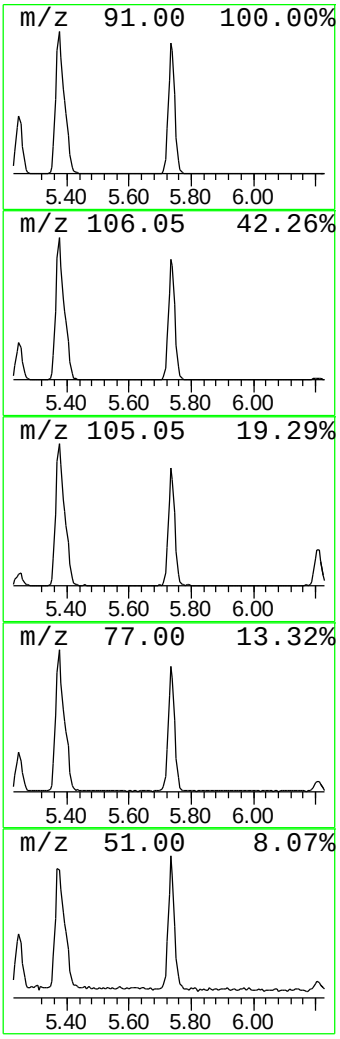
Peak Number 10 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	11.73 ng/ul	2003660	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94





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Quant Title : SVOA CALIBRATION

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

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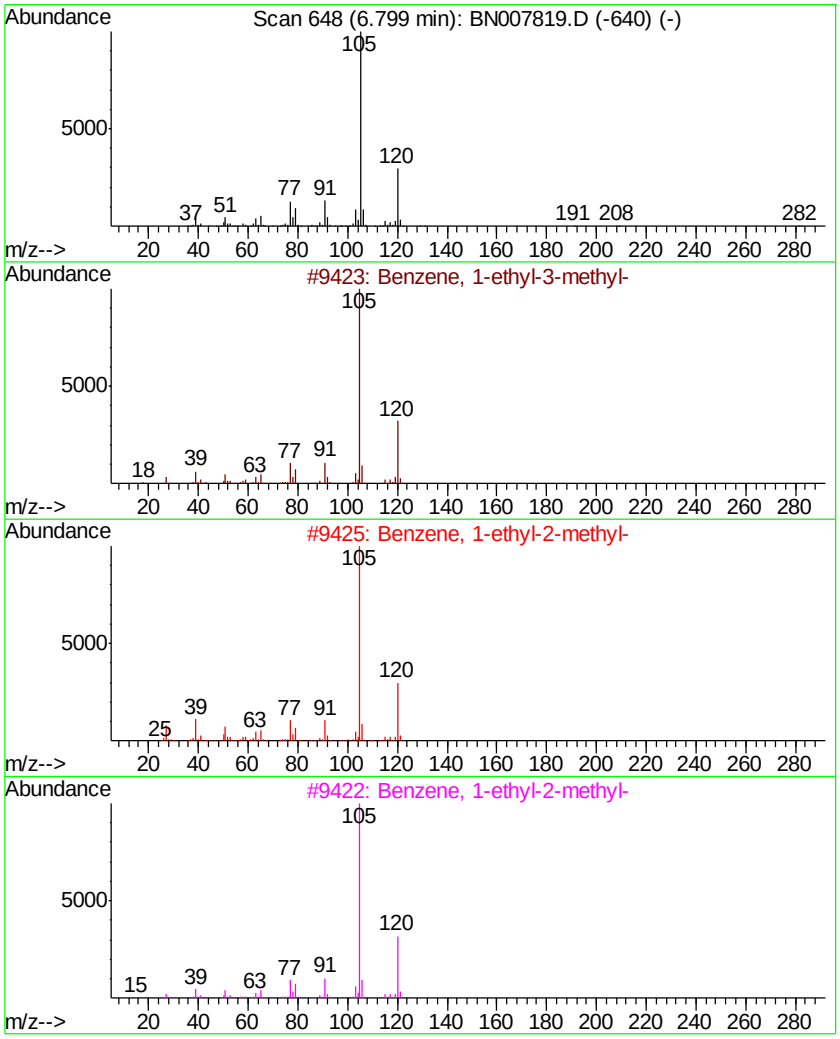
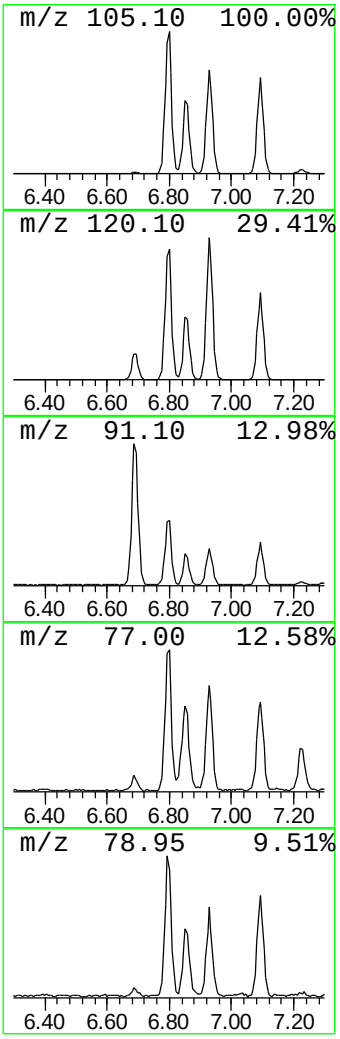
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	7.59 ng/ul	1296530	1,4-Dichlorobenzene-d4	7.69

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





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Quant Title : SVOA CALIBRATION

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

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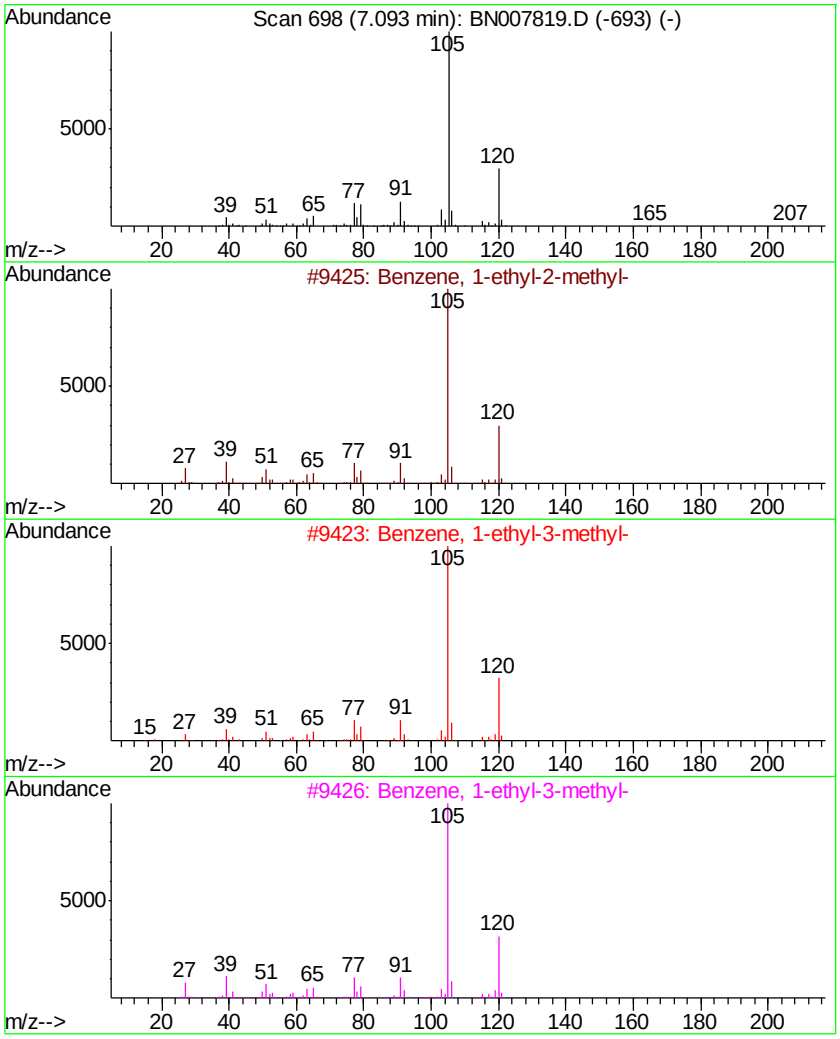
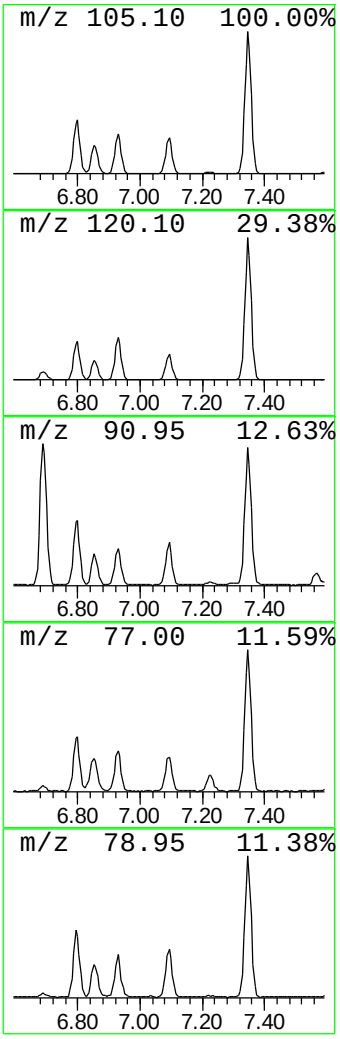
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	5.42 ng/ul	924874	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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	21.27 ng/ul	3632650	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
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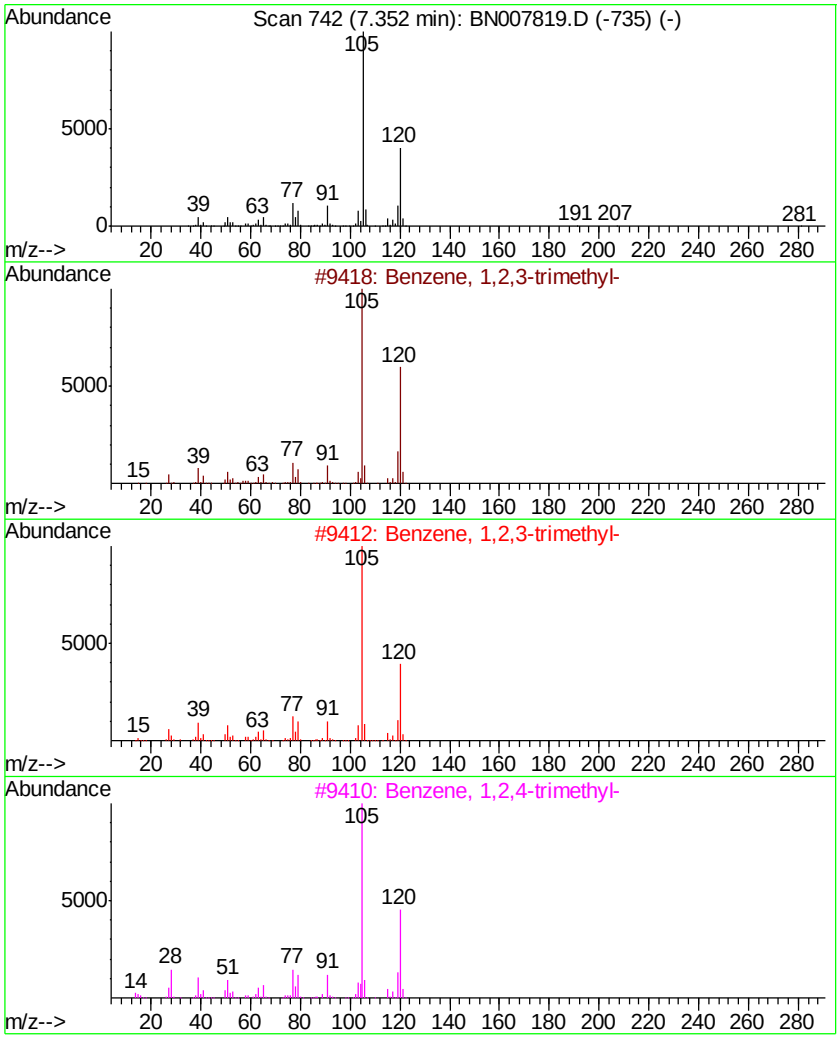
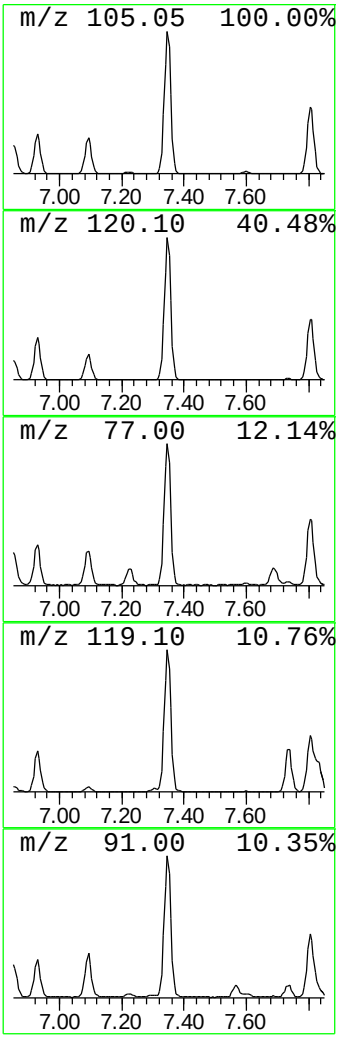
5	Mesitylene	120	C9H12	000108-67-8	91





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TIC Integration Parameters: LSCINT.P

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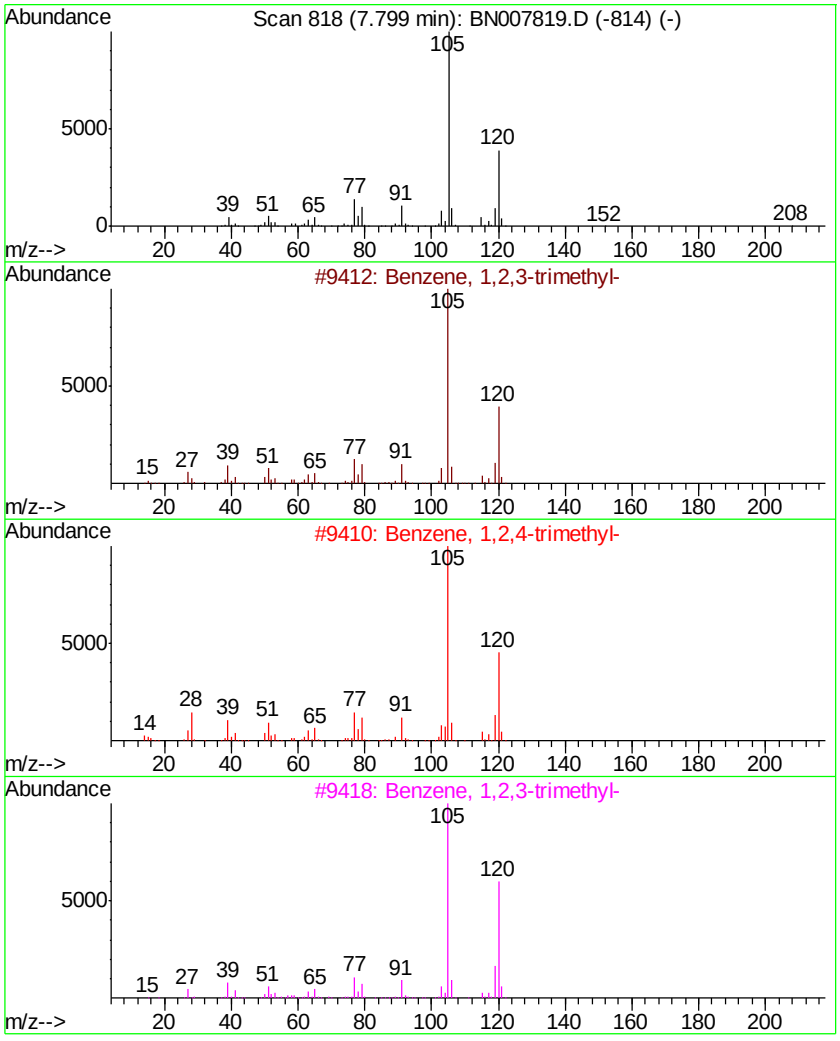
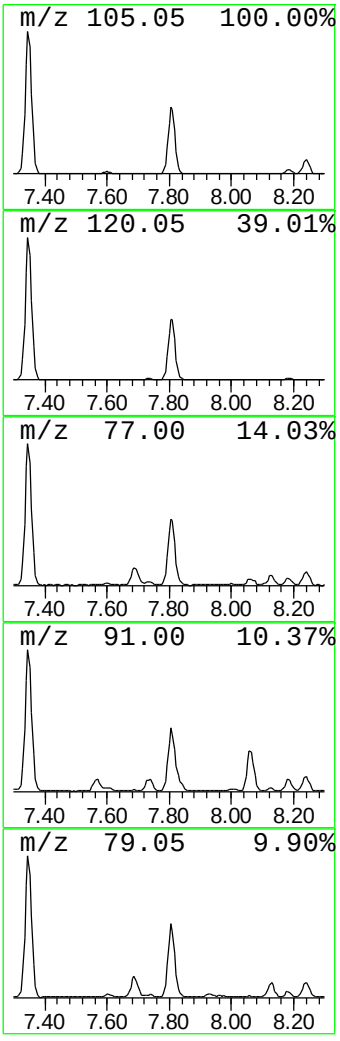
Peak Number 15 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	10.79 ng/ul	1842600	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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

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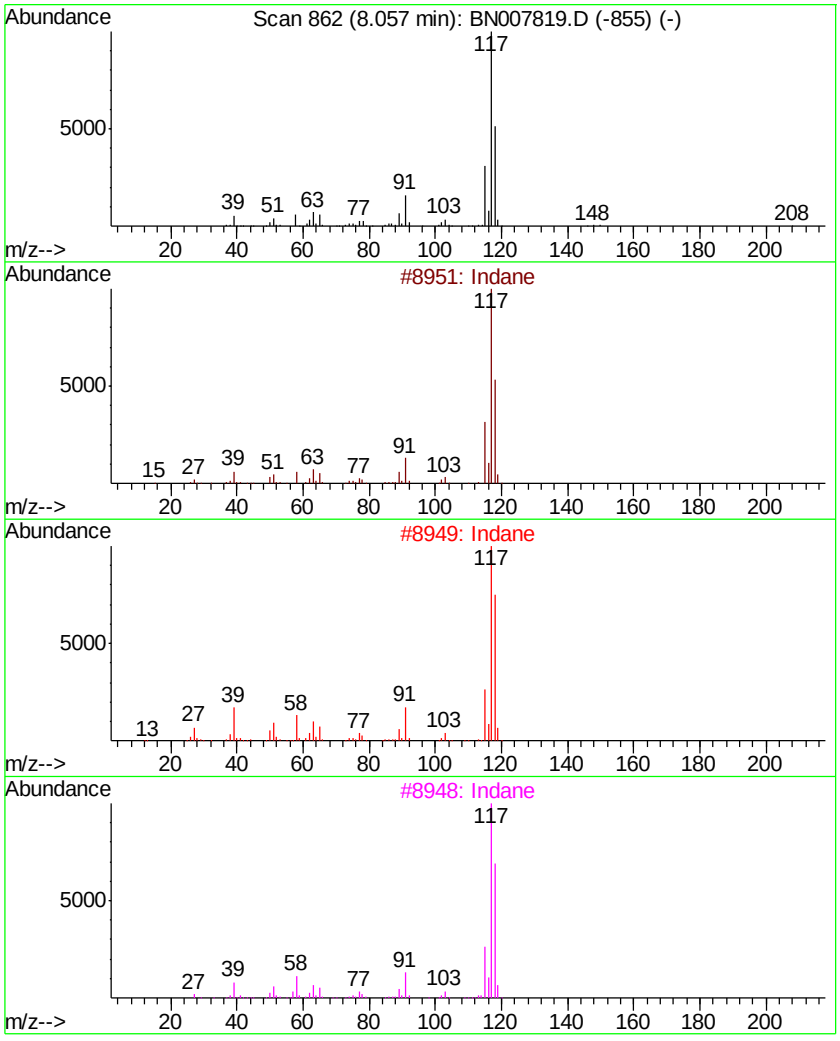
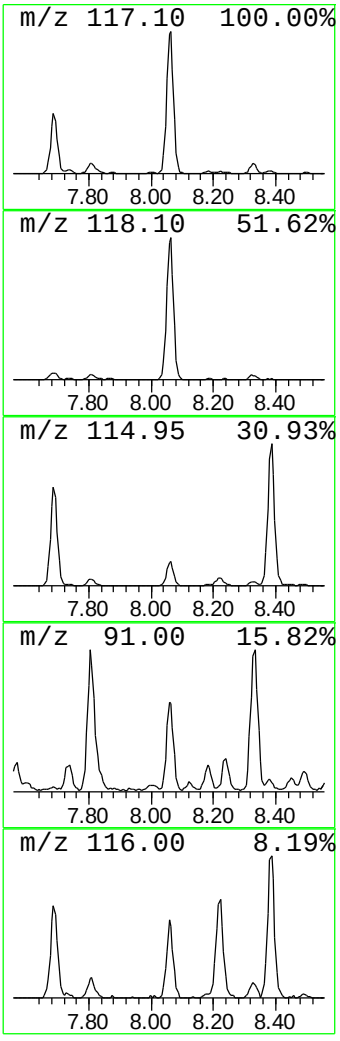
Peak Number 16 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	5.66 ng/ul	966763	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	83
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59





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TIC Integration Parameters: LSCINT.P

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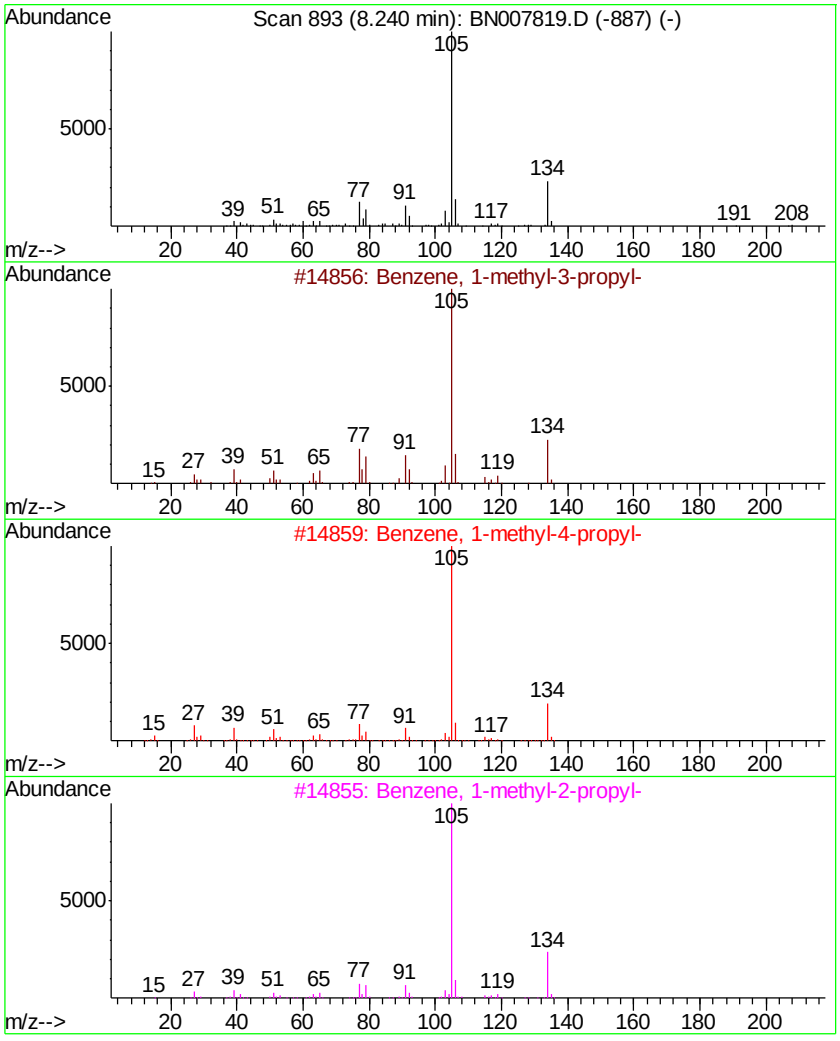
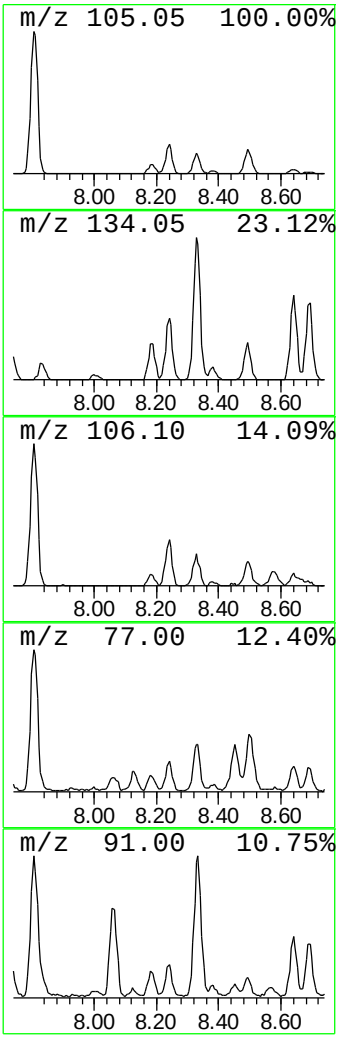
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	2.28 ng/ul	390208	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4	2-Tolyloxirane	134	C9H10O	002783-26-8	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87





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Quant Title : SVOA CALIBRATION

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

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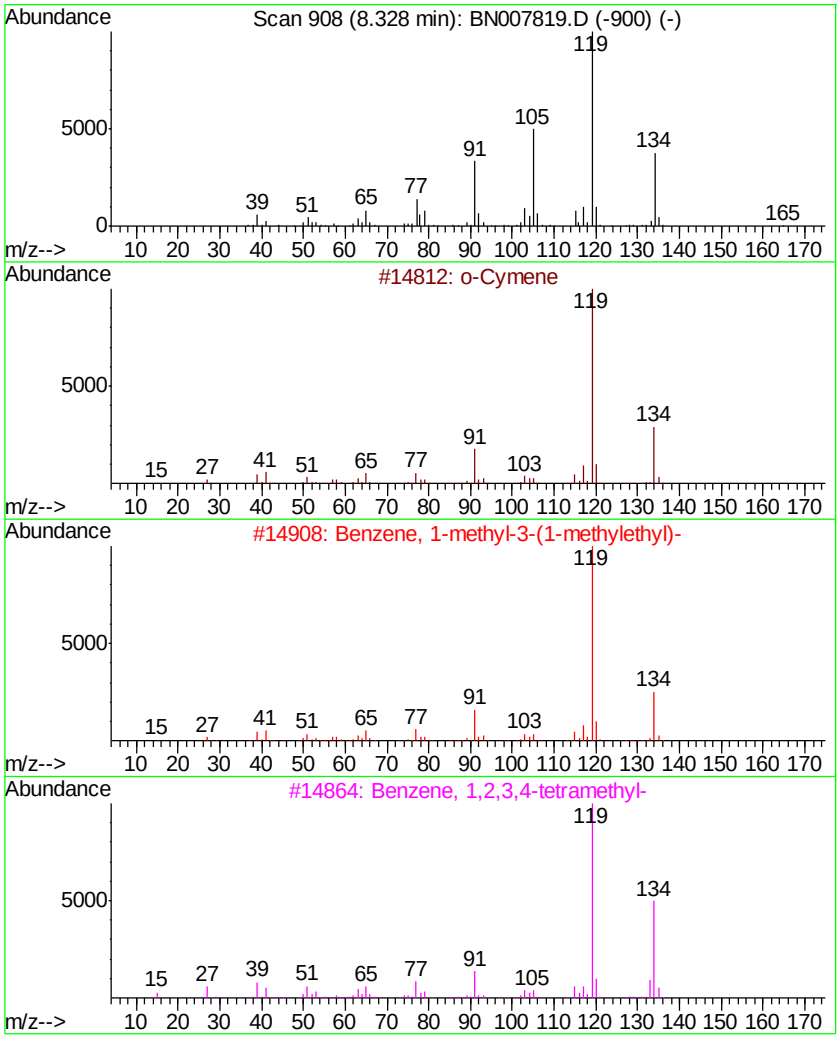
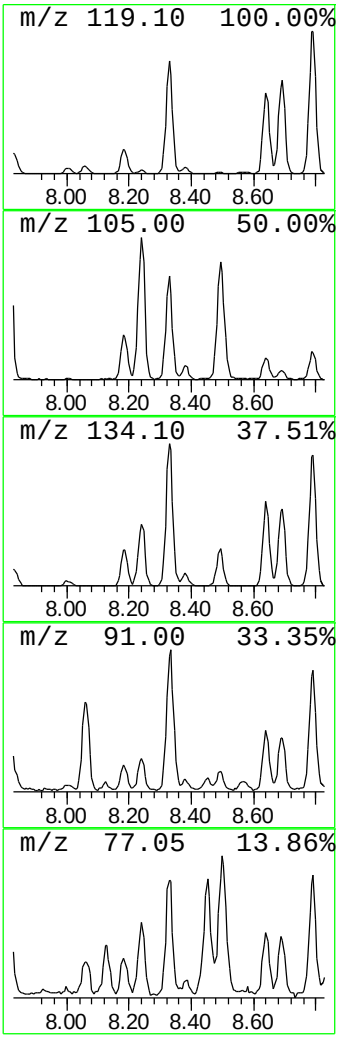
Peak Number 18 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	4.31 ng/ul	735378	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92





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Acq On : 24 Sep 2019 01:40
Operator : HP/JU
Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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Quant Title : SVOA CALIBRATION

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

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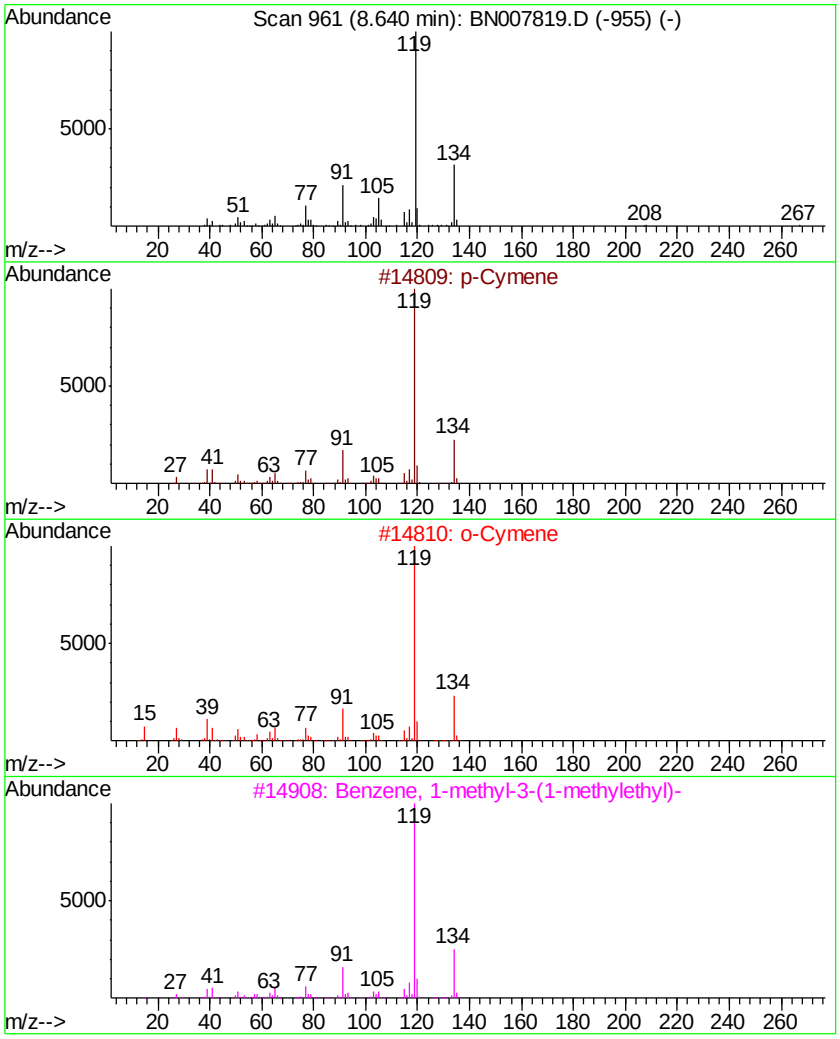
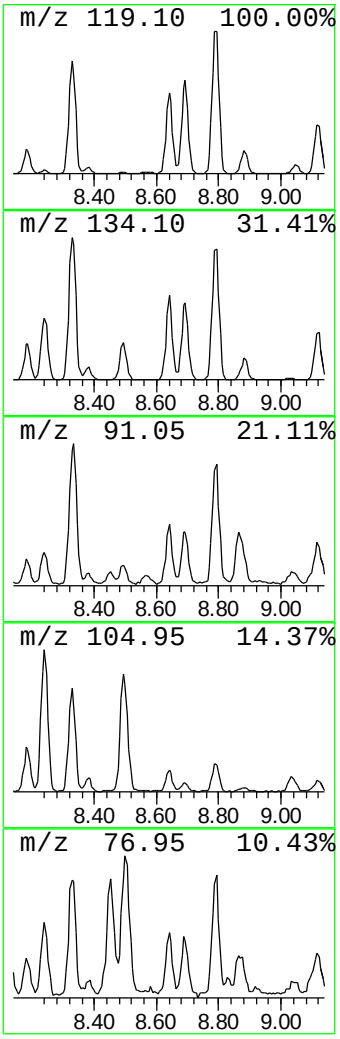
Peak Number 19 p-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	2.19 ng/ul	374356	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Library Search Compound Report

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Sample : K4895-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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Quant Title : SVOA CALIBRATION

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

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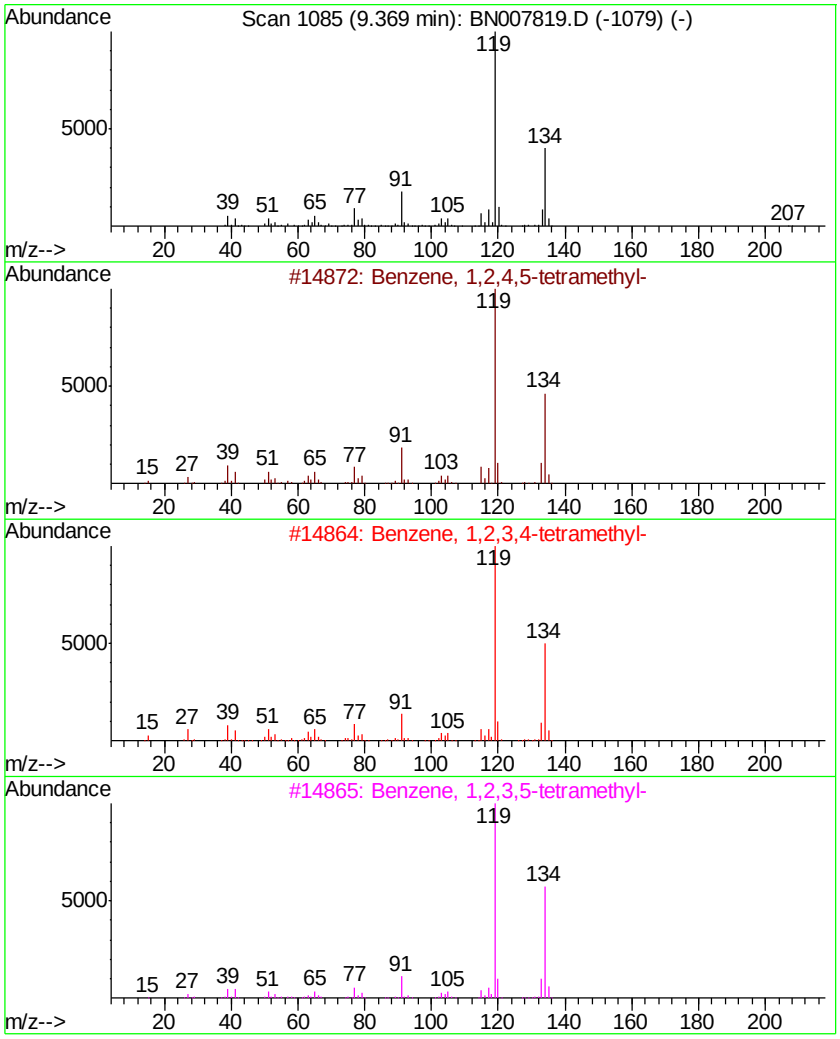
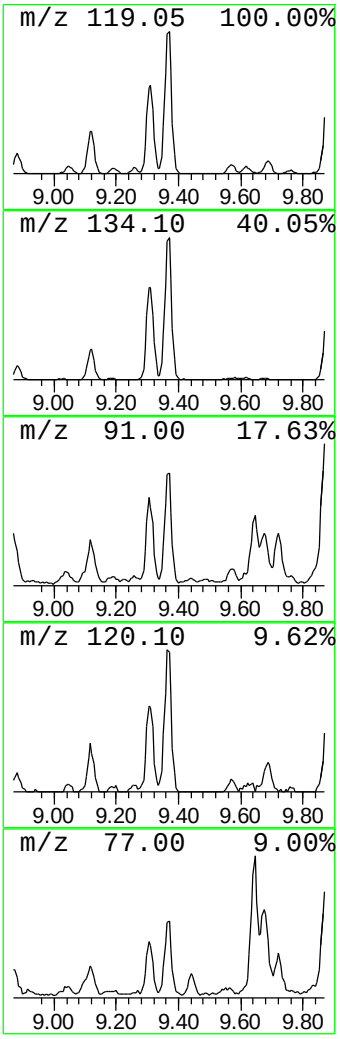
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.15 ng/ul	825439	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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ClientSampleId : BFDH6

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Quant Title : SVOA CALIBRATION

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

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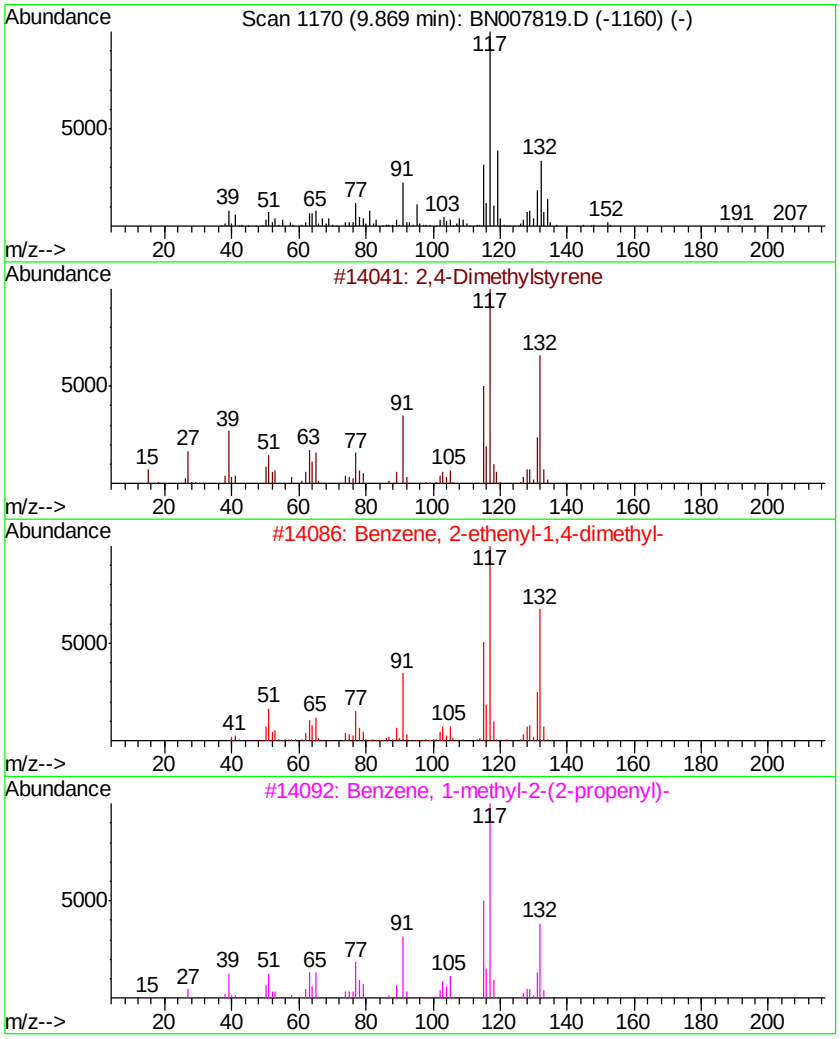
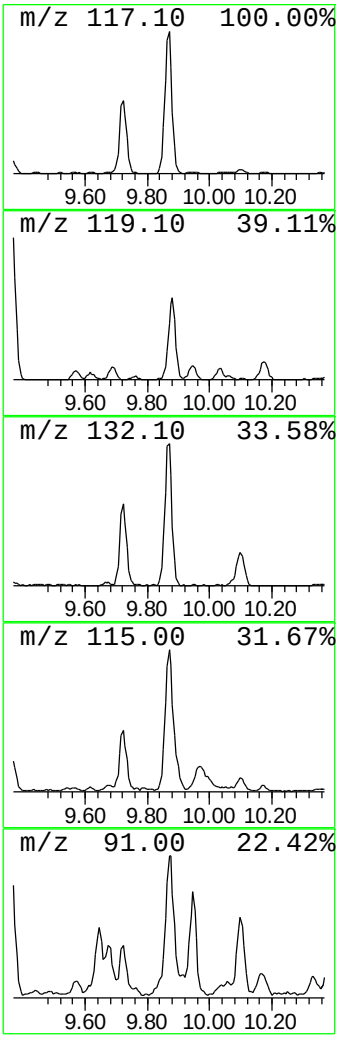
Peak Number 22 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	7.97 ng/ul	2087180	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60





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ClientSampleId : BFDH6

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Quant Title : SVOA CALIBRATION

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

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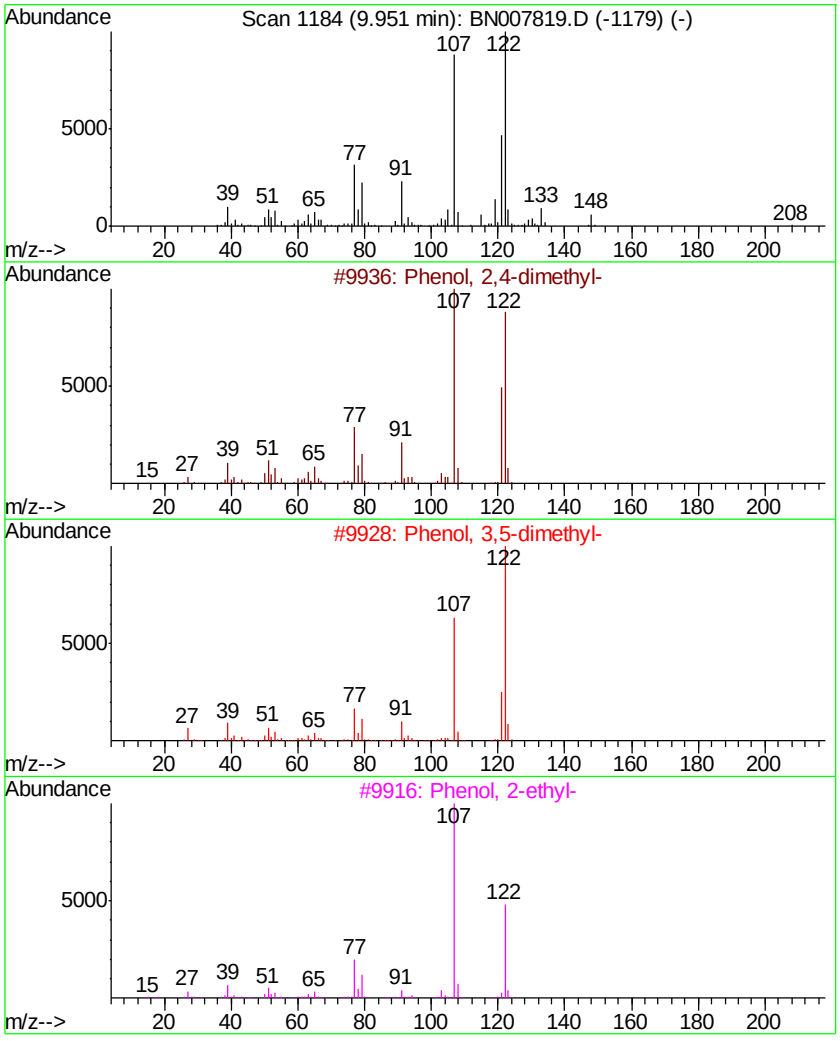
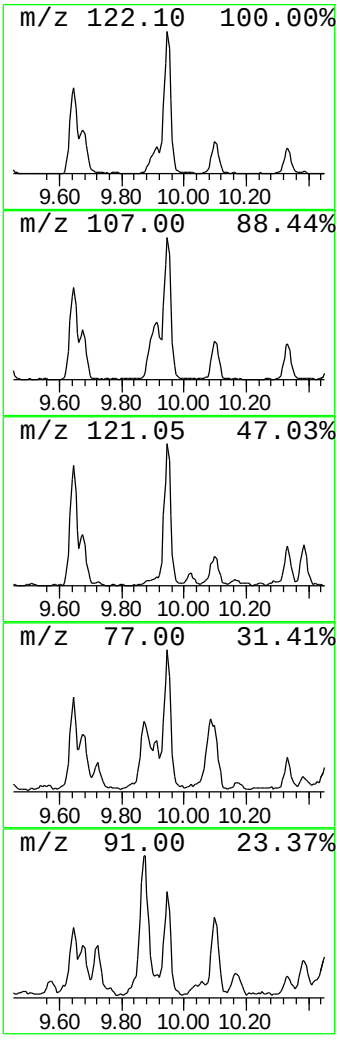
Peak Number 23 Phenol, 2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.57 ng/ul	935601	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90





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ClientSampleId : BFDH6

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Quant Title : SVOA CALIBRATION

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

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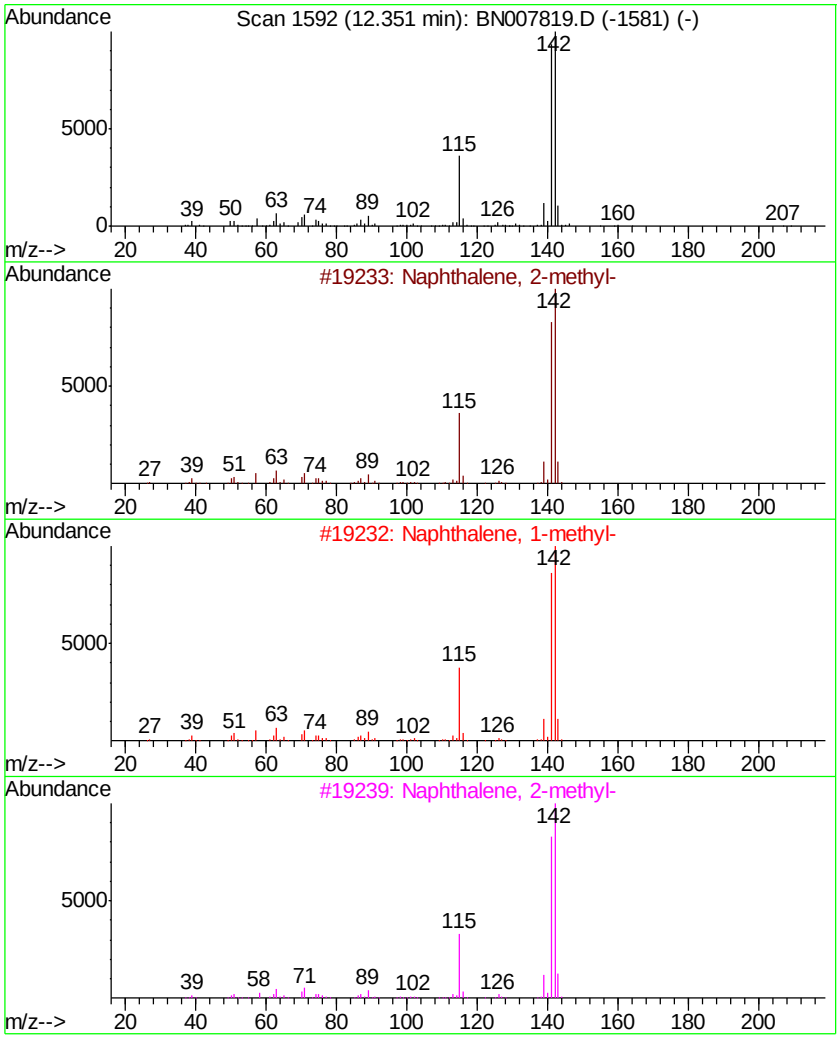
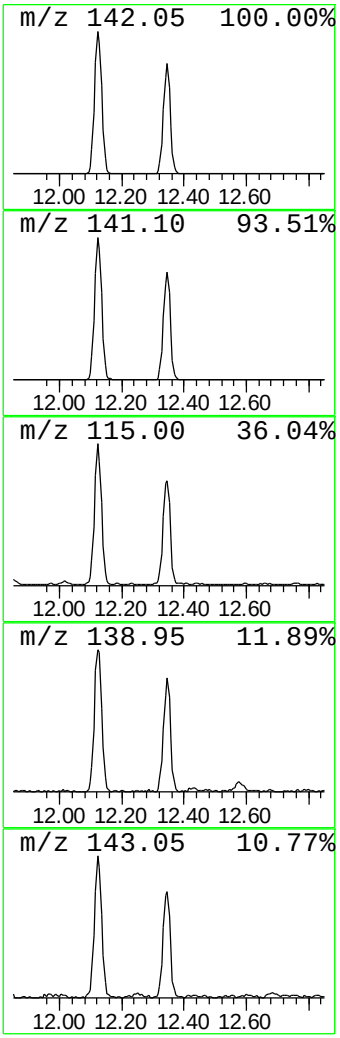
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.03 ng/ul	1318530	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, 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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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDH6

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Quant Title : SVOA CALIBRATION

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

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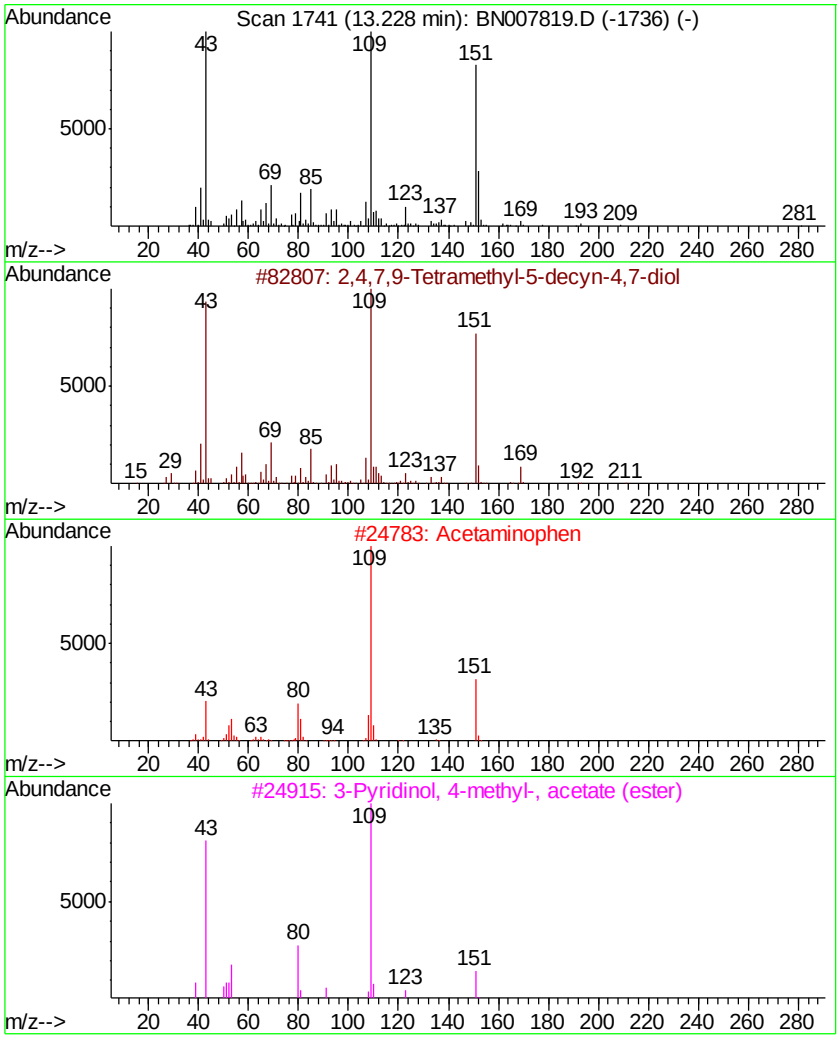
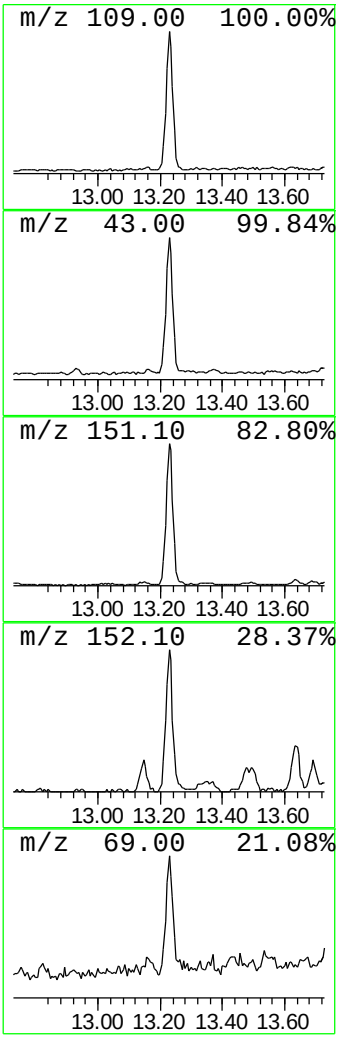
Peak Number 25 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.15 ng/ul	739240	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Acetaminophen	151	C8H9NO2	000103-90-2	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53





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Quant Title : SVOA CALIBRATION

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

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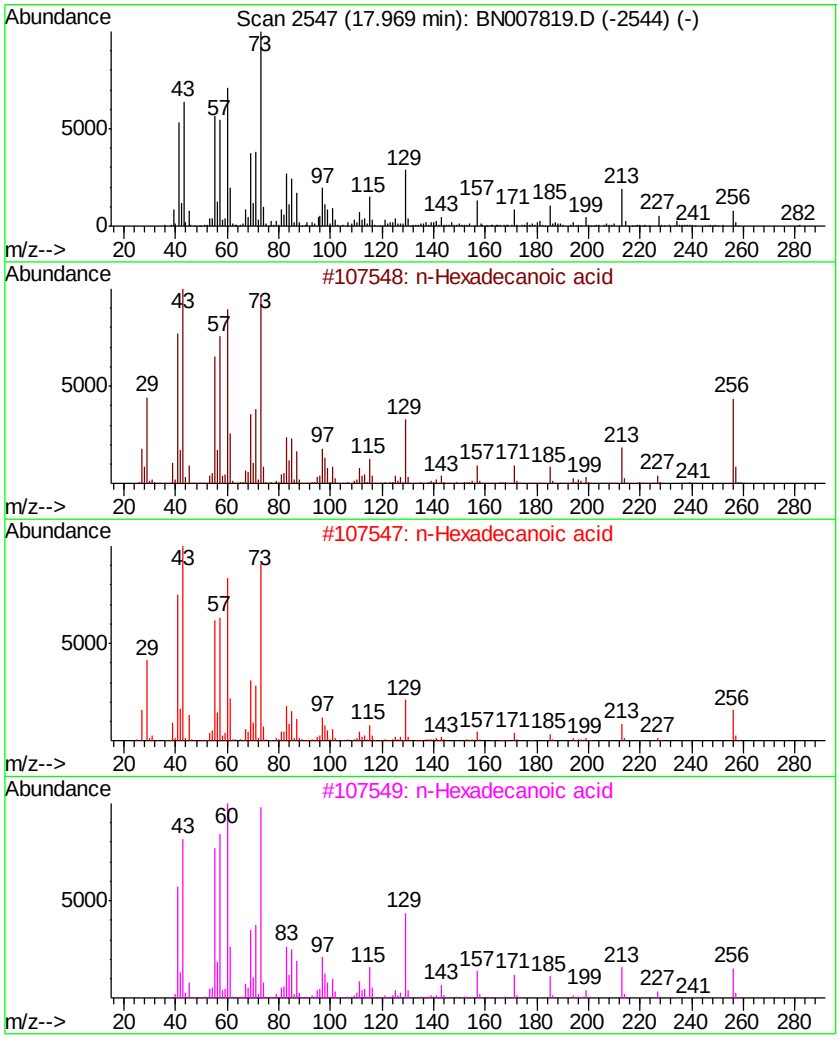
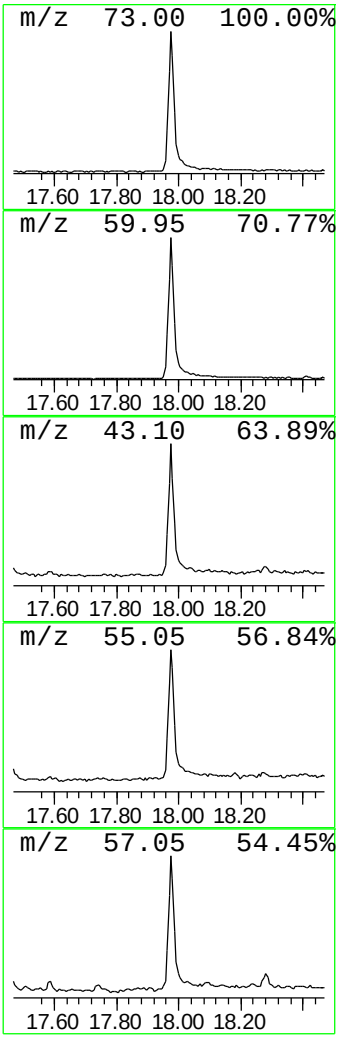
Peak Number 26 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.08 ng/ul	2059910	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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Quant Title : SVOA CALIBRATION

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

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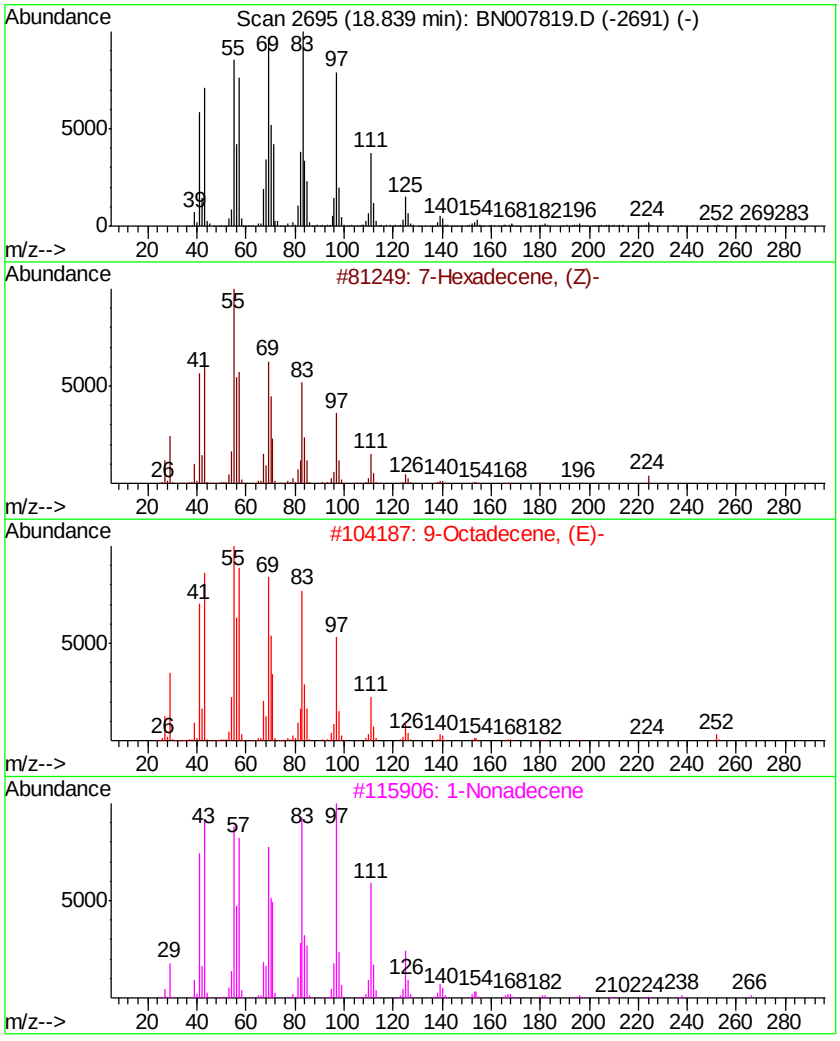
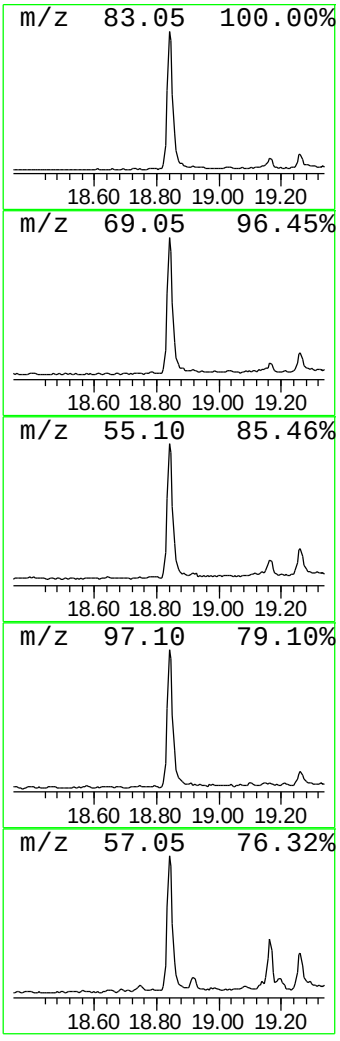
Peak Number 27 (DEL) Alkane: Cyclic18.84 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	7.31 ng/ul	2966400	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	96
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	95
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





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Quant Title : SVOA CALIBRATION

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

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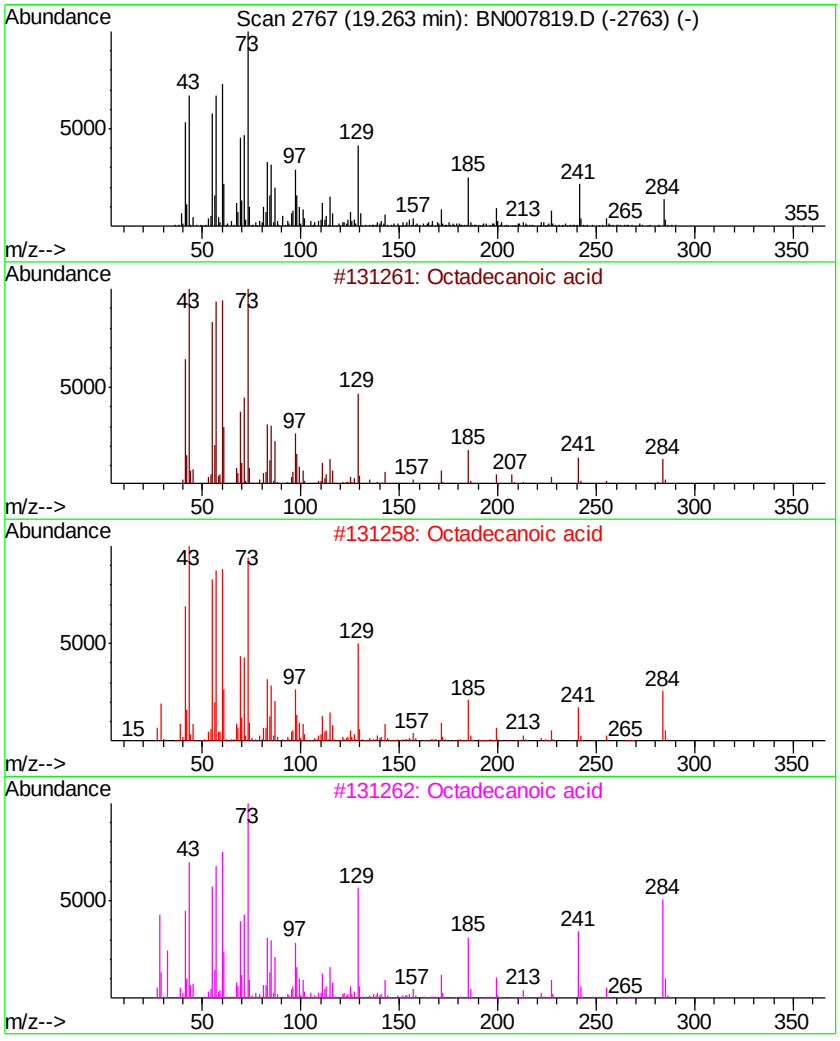
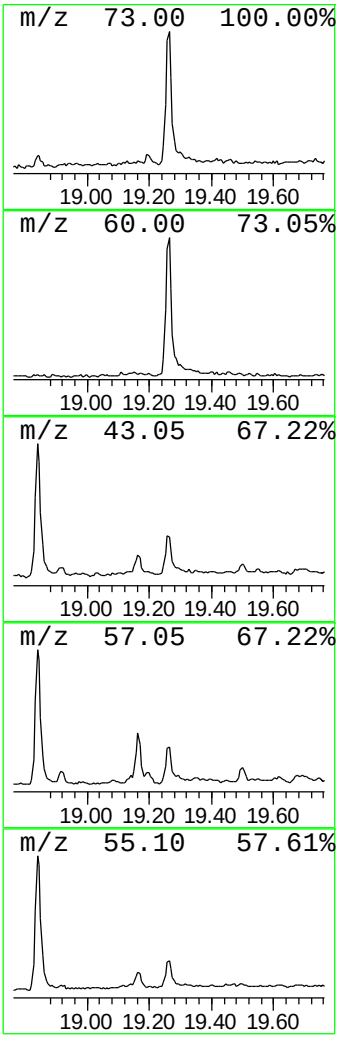
Peak Number 28 Octadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.03 ng/ul	1007970	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





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Quant Title : SVOA CALIBRATION

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

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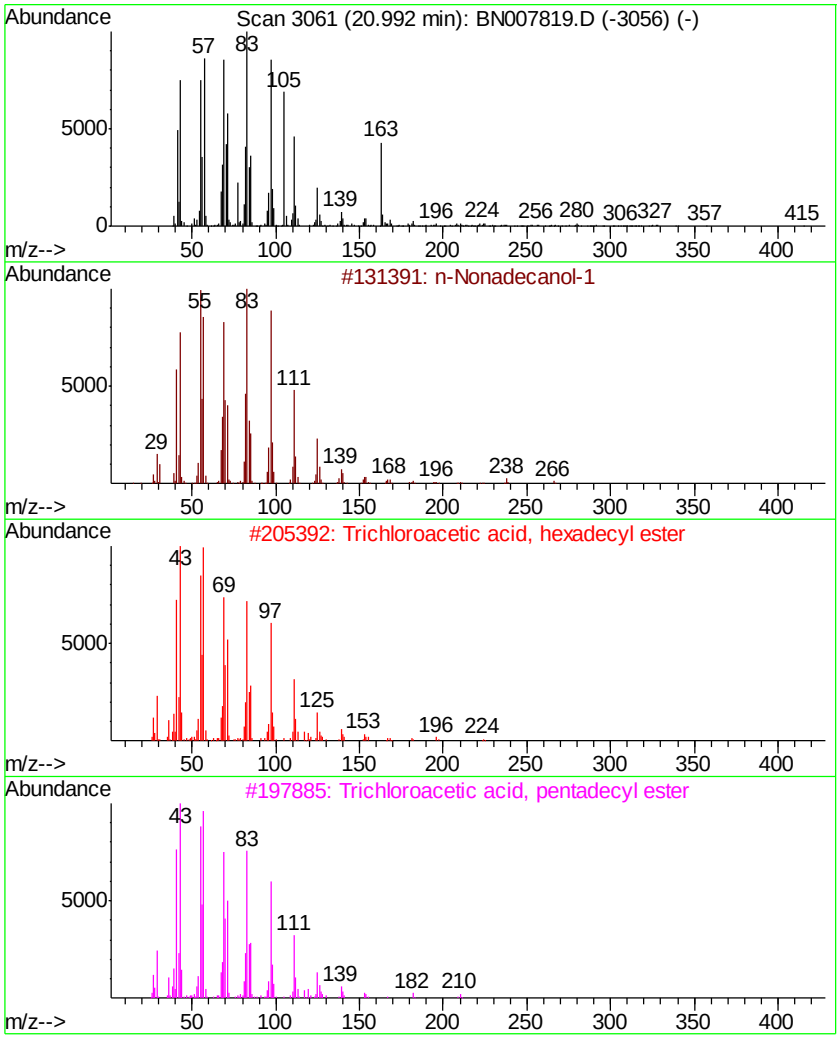
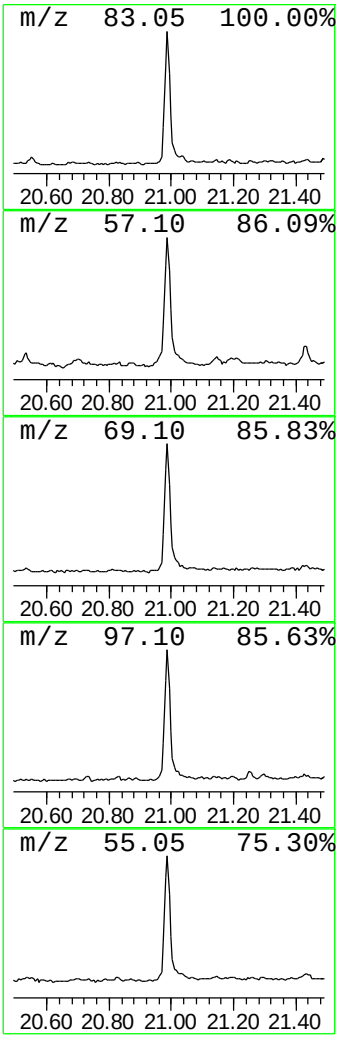
Peak Number 29 n-Nonadecanol-1 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.21 ng/ul	2583260	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_N
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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
n-Propyl acetate	3.28	30.6	ng/ul	5217520	1	7.69	3415410	20.0
Propanoic acid, 1...	3.69	3.5	ng/ul	602136	1	7.69	3415410	20.0
Toluene	3.96	13.3	ng/ul	2272130	1	7.69	3415410	20.0
Propanoic acid, 2...	4.22	8.3	ng/ul	1423630	1	7.69	3415410	20.0
Propanoic acid, p...	4.39	11.6	ng/ul	1986650	1	7.69	3415410	20.0
Butanoic acid, 1-...	4.83	15.7	ng/ul	2682750	1	7.69	3415410	20.0
Ethylbenzene	5.25	4.2	ng/ul	715524	1	7.69	3415410	20.0
p-Xylene	5.38	16.6	ng/ul	2841340	1	7.69	3415410	20.0
Butanoic acid, pr...	5.68	2.4	ng/ul	403535	1	7.69	3415410	20.0
Benzene, 1,3-dime...	5.73	11.7	ng/ul	2003660	1	7.69	3415410	20.0
Benzene, 1-ethyl-...	6.80	7.6	ng/ul	1296530	1	7.69	3415410	20.0
Benzene, 1-ethyl-...	7.09	5.4	ng/ul	924874	1	7.69	3415410	20.0
Benzene, 1,2,3-tr...	7.35	21.3	ng/ul	3632650	1	7.69	3415410	20.0
Benzene, 1,2,4-tr...	7.80	10.8	ng/ul	1842600	1	7.69	3415410	20.0
Indane	8.06	5.7	ng/ul	966763	1	7.69	3415410	20.0
Benzene, 1-methyl...	8.24	2.3	ng/ul	390208	1	7.69	3415410	20.0
o-Cymene	8.33	4.3	ng/ul	735378	1	7.69	3415410	20.0
p-Cymene	8.64	2.2	ng/ul	374356	1	7.69	3415410	20.0
Benzene, 1,2,4,5-...	9.37	3.1	ng/ul	825439	2	10.46	5239790	20.0
2,4-Dimethylstyrene	9.87	8.0	ng/ul	2087180	2	10.46	5239790	20.0
Phenol, 2,4-dimet...	9.95	3.6	ng/ul	935601	2	10.46	5239790	20.0
Naphthalene, 1-me...	12.35	5.0	ng/ul	1318530	2	10.46	5239790	20.0
2,4,7,9-Tetrameth...	13.23	2.1	ng/ul	739240	3	14.32	6876430	20.0
n-Hexadecanoic acid	17.97	5.1	ng/ul	2059910	4	17.06	8114230	20.0
(DEL) Alkane: Cyc...	18.84	7.3	ng/ul	2966400	4	17.06	8114230	20.0
Octadecanoic acid	19.26	2.0	ng/ul	1007970	5	21.25	9915360	20.0
n-Nonadecanol-1	20.99	5.2	ng/ul	2583260	5	21.25	9915360	20.0