LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007812.D
Acq On : 23 Sep 2019 21:29
Operator : HP/JU
Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

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	47	50	65	rVB	3683533	4628594	25.14%	1.878%
2	3.640	107	111	116	rBV	162899	236906	1.29%	0.096%
3	3.693	116	120	126	rVV	504945	620874	3.37%	0.252%
4	3.963	159	166	172	rBV2	922619	1377085	7.48%	0.559%
5	4.216	204	209	216	rBV	1162532	1438279	7.81%	0.584%
6	4.287	216	221	232	rVB	139620	242157	1.32%	0.098%
7	4.387	234	238	246	rBV	1295512	1755515	9.53%	0.712%
8	4.834	305	314	323	rVV	1953014	2642568	14.35%	1.072%
9	5.246	378	384	392	rVB	672775	984678	5.35%	0.400%
10	5.375	400	406	424	rVB	2717243	5134181	27.88%	2.083%
11	5.675	453	457	462	rVV	260946	387679	2.11%	0.157%
12	5.740	462	468	477	rVV	2366042	3569825	19.39%	1.448%
13	6.693	623	630	636	rBV	275518	444643	2.41%	0.180%
14	6.799	642	648	653	rBV	1759498	2538683	13.79%	1.030%
15	6.857	653	658	665	rVV2	1235998	2087805	11.34%	0.847%
16	6.928	665	670	680	rVB	1331120	1972941	10.71%	0.801%
17	7.028	681	687	693	rBV	1558138	2467532	13.40%	1.001%
18	7.093	693	698	704	rVV	1092331	1653027	8.98%	0.671%
19	7.222	713	720	729	rBV	1855403	2962073	16.09%	1.202%
20	7.346	735	741	749	rVV	3974357	6033987	32.77%	2.448%
21	7.687	793	799	805	rVV	2181286	3449183	18.73%	1.399%
22	7.734	805	807	814	rVV2	186595	336040	1.82%	0.136%
23	7.810	814	820	835	rVB	1956226	3248950	17.64%	1.318%
24	8.063	853	863	869	rVV2	996841	2349484	12.76%	0.953%
25	8.187	877	884	888	rBV	207550	325684	1.77%	0.132%
26	8.240	888	893	899	rVV	358106	551226	2.99%	0.224%
27	8.328	902	908	913	rVV	789299	1214920	6.60%	0.493%
28	8.387	913	918	925	rVV	1597146	2530548	13.74%	1.027%
29	8.493	931	936	945	rVV2	232346	414588	2.25%	0.168%
30	8.640	956	961	965	rBV	407617	628658	3.41%	0.255%
31	8.693	965	970	976	rVB	421895	628686	3.41%	0.255%
32	8.793	976	987	989	rBV	862841	1333244	7.24%	0.541%
33	8.828	989	993	998	rVV	1978601	3451333	18.74%	1.400%
34	8.863	998	999	1006	rVV2	530278	733273	3.98%	0.298%

LSC Area Percent Report

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Acq On : 23 Sep 2019 21:29
Operator : HP/JU
Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

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	9.040	1020	1029	1036	rVB5	75609	202117	1.10%	0.082%
36	9.122	1036	1043	1049	rBV2	283266	490011	2.66%	0.199%
37	9.310	1064	1075	1080	rVV	539802	883072	4.80%	0.358%
38	9.369	1080	1085	1093	rVB	809191	1307562	7.10%	0.531%
39	9.545	1108	1115	1123	rBV	1536428	2645769	14.37%	1.074%
40	9.681	1131	1138	1140	rVV4	129134	279346	1.52%	0.113%
41	9.722	1140	1145	1158	rVV	600558	1096879	5.96%	0.445%
42	9.869	1158	1170	1179	rVV2	1499581	2927410	15.90%	1.188%
43	9.951	1179	1184	1193	rVV4	145173	361881	1.97%	0.147%
44	10.081	1199	1206	1216	rVV2	2788996	5020468	27.26%	2.037%
45	10.328	1242	1248	1254	rBV3	101519	227626	1.24%	0.092%
46	10.457	1261	1270	1274	rVV	3134275	5447106	29.58%	2.210%
47	10.510	1274	1279	1287	rVV	3752550	6500860	35.30%	2.638%
48	10.592	1287	1293	1305	rVV	2546673	4775719	25.93%	1.938%
49	10.881	1338	1342	1347	rVV2	118924	206205	1.12%	0.084%
50	11.122	1380	1383	1389	rVV	141921	230643	1.25%	0.094%
51	11.381	1420	1427	1432	rBV	213913	355315	1.93%	0.144%
52	11.569	1453	1459	1464	rVV2	193586	314413	1.71%	0.128%
53	11.657	1468	1474	1477	rBV2	141930	222938	1.21%	0.090%
54	11.851	1502	1507	1512	rBV	149873	231773	1.26%	0.094%
55	12.016	1530	1535	1545	rVB2	205790	376420	2.04%	0.153%
56	12.122	1546	1553	1566	rVB	3056624	4909949	26.66%	1.992%
57	12.239	1566	1573	1580	rBV3	86274	209138	1.14%	0.085%
58	12.345	1580	1591	1597	rBV	2204929	3552209	19.29%	1.441%
59	13.151	1723	1728	1733	rBV	190071	319727	1.74%	0.130%
60	13.228	1736	1741	1750	rVV2	402438	664965	3.61%	0.270%
61	13.345	1756	1761	1764	rBV	174700	281243	1.53%	0.114%
62	13.492	1778	1786	1793	rBV3	383576	988669	5.37%	0.401%
63	13.639	1803	1811	1816	rBV	672689	1250466	6.79%	0.507%
64	13.692	1816	1820	1822	rVV	498432	730347	3.97%	0.296%
65	13.728	1822	1826	1831	rVV	5437540	7496710	40.71%	3.042%
66	13.775	1831	1834	1840	rVB	604411	791822	4.30%	0.321%
67	13.875	1846	1851	1855	rBV	298163	470622	2.56%	0.191%
68	14.004	1867	1873	1884	rBV2	5670214	8747516	47.50%	3.549%
69	14.316	1919	1926	1932	rBV	4713725	6948023	37.73%	2.819%
70	14.380	1932	1937	1944	rVB2	308028	531487	2.89%	0.216%
71	14.510	1954	1959	1965	rBV2	577248	917277	4.98%	0.372%

LSC Area Percent Report

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Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

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	14.716	1990	1994	1998	rBV2	162305	279236	1.52%	0.113%
73	14.939	2027	2032	2037	rBV2	132693	248948	1.35%	0.101%
74	14.992	2038	2041	2048	rVB4	148221	231194	1.26%	0.094%
75	15.092	2051	2058	2060	rBV3	205302	372317	2.02%	0.151%
76	15.310	2089	2095	2102	rBV	7802988	11715140	63.62%	4.753%
77	15.363	2102	2104	2109	rVB2	281806	350126	1.90%	0.142%
78	15.428	2109	2115	2122	rBV	2217448	3108932	16.88%	1.261%
79	15.763	2168	2172	2177	rBV	137557	232502	1.26%	0.094%
80	16.716	2330	2334	2344	rVB	280362	449125	2.44%	0.182%
81	17.063	2387	2393	2397	rBV	5859157	8169632	44.36%	3.315%
82	17.104	2397	2400	2404	rVV	474443	622322	3.38%	0.253%
83	17.157	2404	2409	2421	rVV	9153846	13401731	72.78%	5.438%
84	17.457	2457	2460	2465	rVB	308799	446346	2.42%	0.181%
85	17.980	2544	2549	2560	rBV2	2034233	3046545	16.54%	1.236%
86	19.116	2739	2742	2751	rVB3	238723	436419	2.37%	0.177%
87	19.263	2763	2767	2778	rBV	1130287	1733561	9.41%	0.703%
88	19.457	2795	2800	2811	rBV	11686799	18414628	100.00%	7.472%
89	20.992	3057	3061	3068	rBV2	1531161	1994641	10.83%	0.809%
90	21.257	3101	3106	3116	rBV	7742161	9953561	54.05%	4.039%
91	21.380	3124	3127	3132	rVB	207559	258751	1.41%	0.105%
92	21.433	3133	3136	3144	rVB	459393	535830	2.91%	0.217%
93	21.868	3207	3210	3218	rVB	542485	701070	3.81%	0.284%
94	22.327	3285	3288	3293	rVB	623441	813427	4.42%	0.330%
95	22.833	3370	3374	3381	rVB	721494	1014424	5.51%	0.412%
96	23.333	3452	3459	3466	rBV	9738398	17288118	93.88%	7.015%
97	23.398	3466	3470	3475	rVV	724588	1182015	6.42%	0.480%
98	23.474	3476	3483	3494	rVB	5568462	10385490	56.40%	4.214%
99	24.033	3573	3578	3585	rBV	581345	1022430	5.55%	0.415%
100	24.768	3698	3703	3711	rBV	369079	764807	4.15%	0.310%

Sum of corrected areas: 246461820

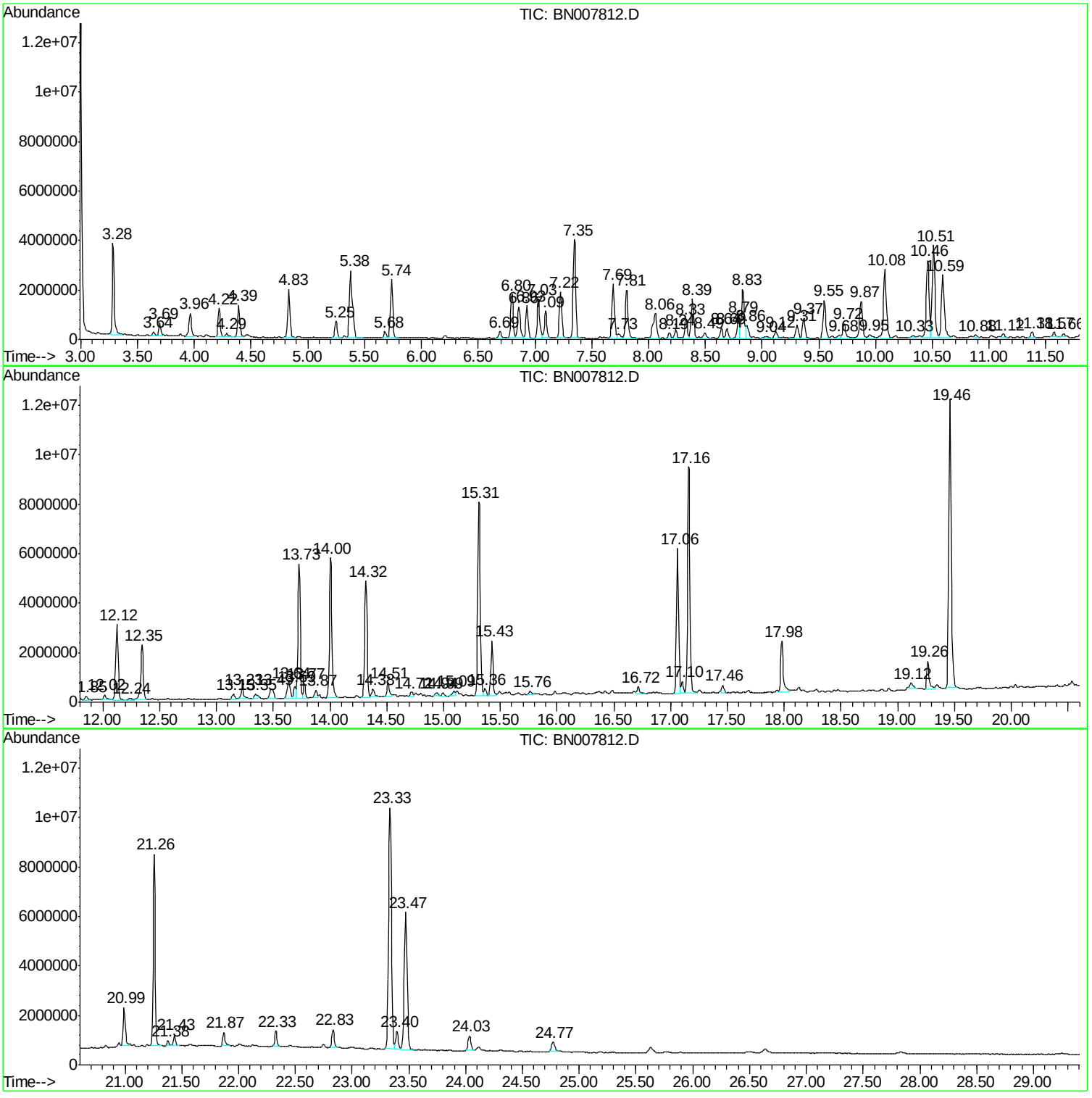
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007812.D
Acq On : 23 Sep 2019 21:29
Operator : HP/JU
Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

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 : BN007812.D
Acq On : 23 Sep 2019 21:29
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Misc :
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Instrument : BNA_N
ClientSampleId : BFDF7

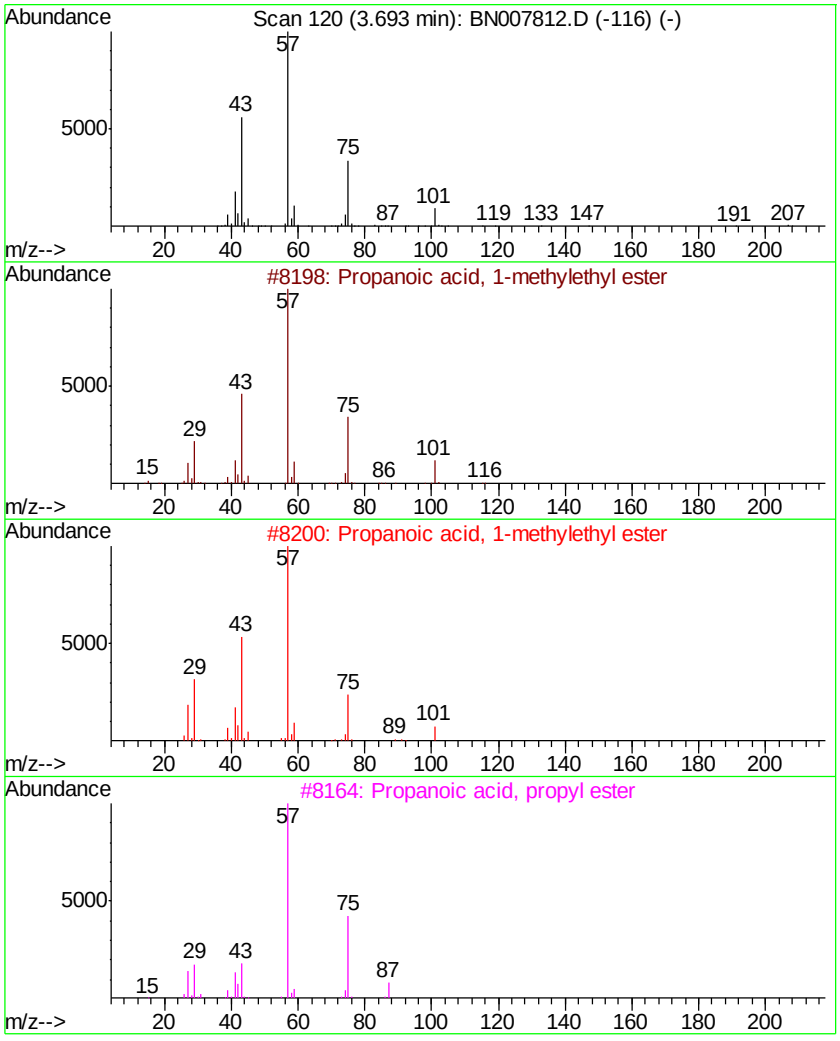
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

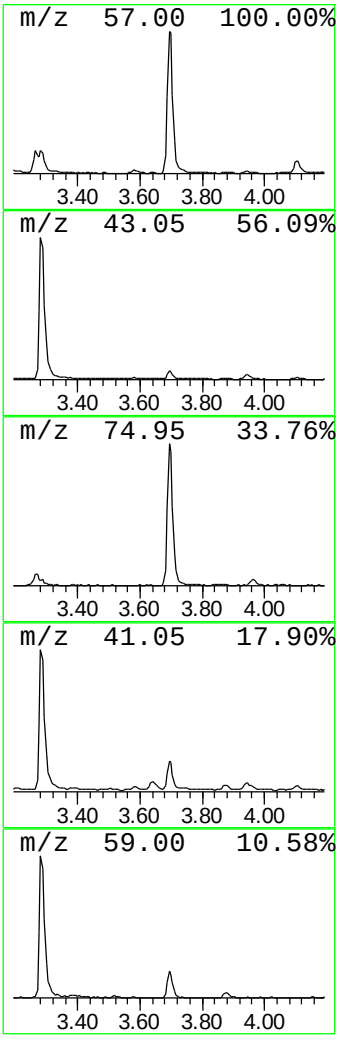
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	3.60 ng/ul	620874	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	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007812.D
Acq On : 23 Sep 2019 21:29
Operator : HP/JU
Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

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

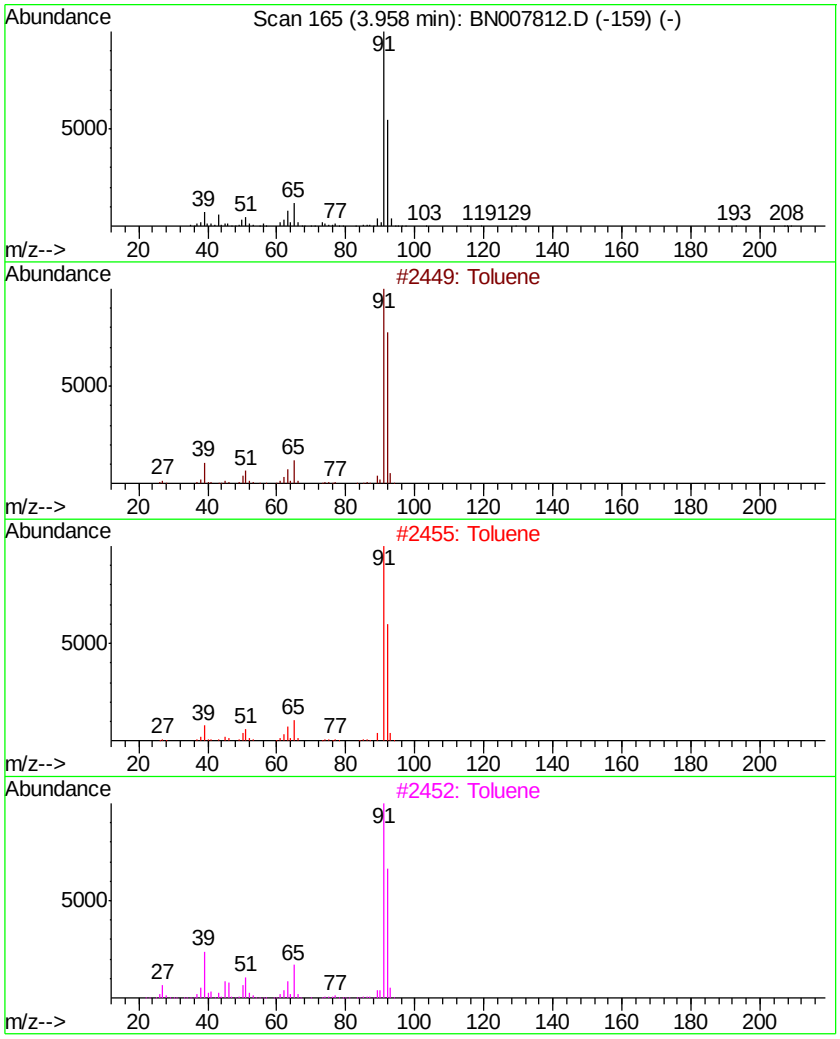
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

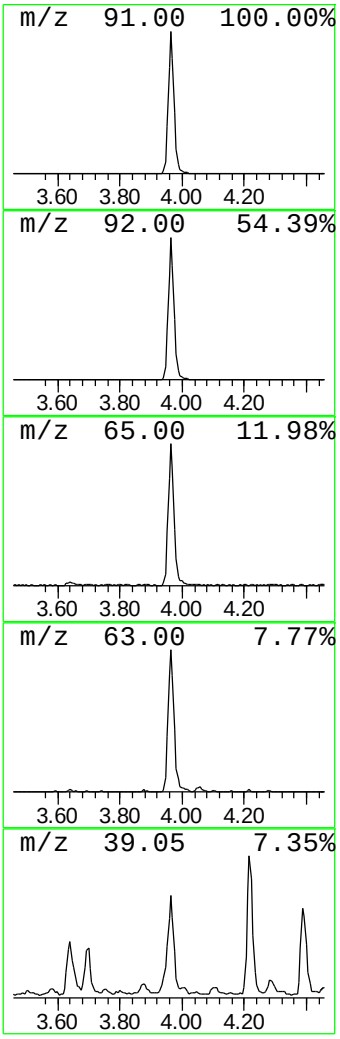
****

Peak Number 2 Toluene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	7.98 ng/ul	1377090	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	Toluene	92	C7H8	000108-88-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007812.D
Acq On : 23 Sep 2019 21:29
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Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

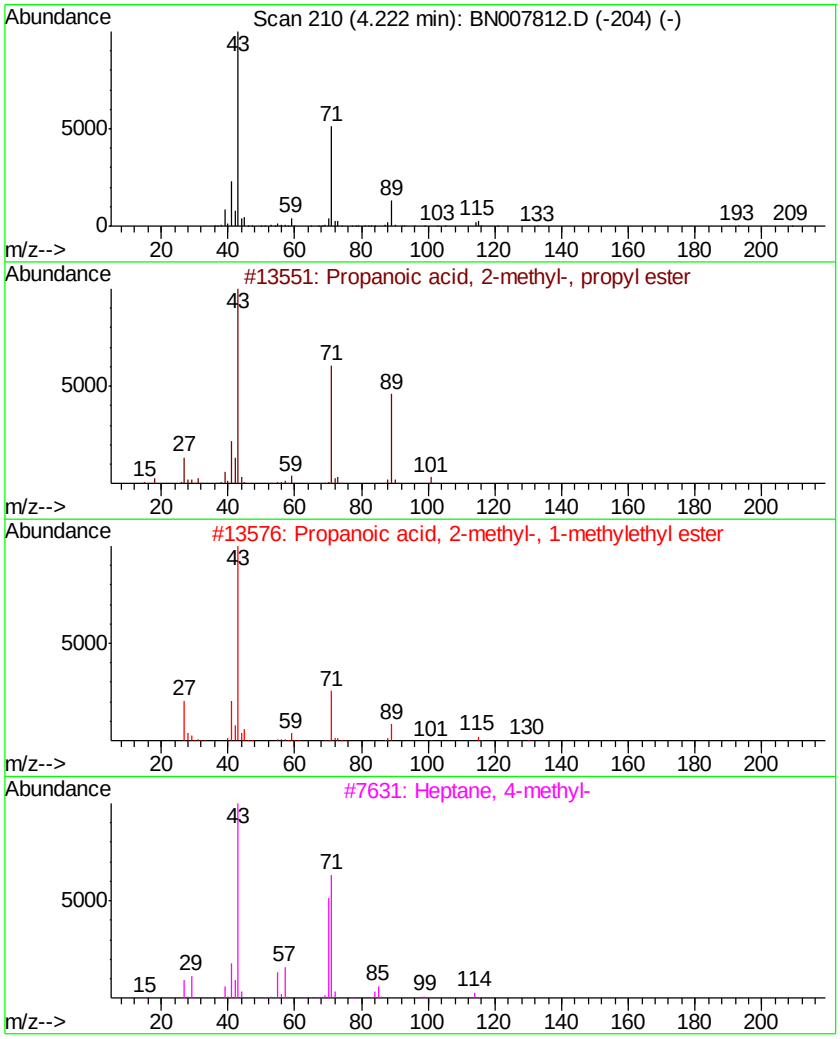
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

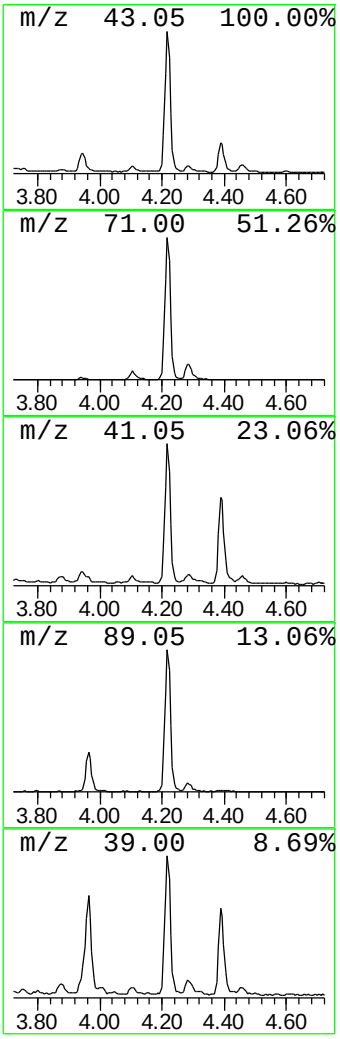
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	8.34 ng/ul	1438280	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	53
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	50
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007812.D
Acq On : 23 Sep 2019 21:29
Operator : HP/JU
Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

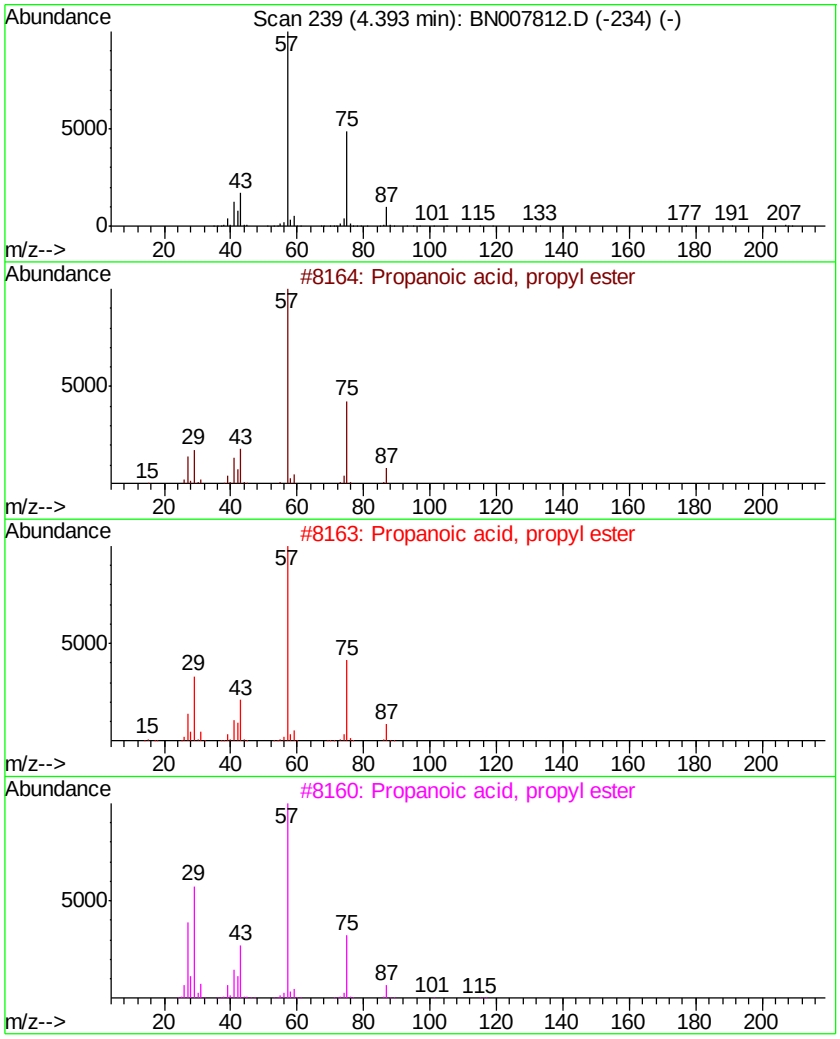
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

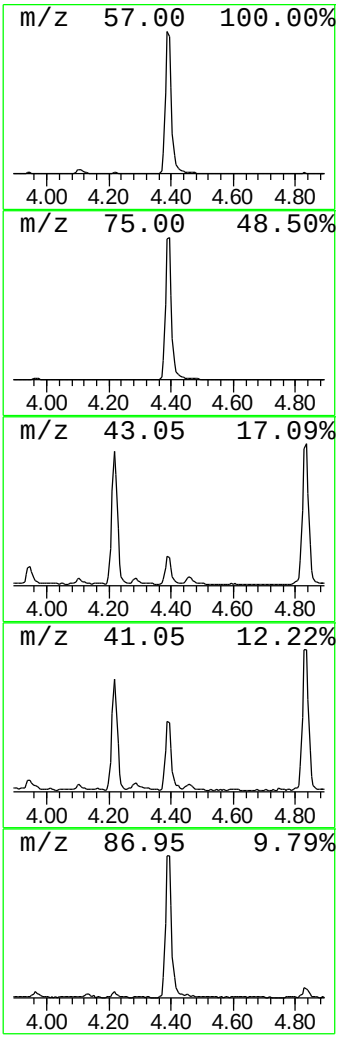
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	10.18 ng/ul	1755520	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	64
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	42
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	37
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007812.D
Acq On : 23 Sep 2019 21:29
Operator : HP/JU
Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

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

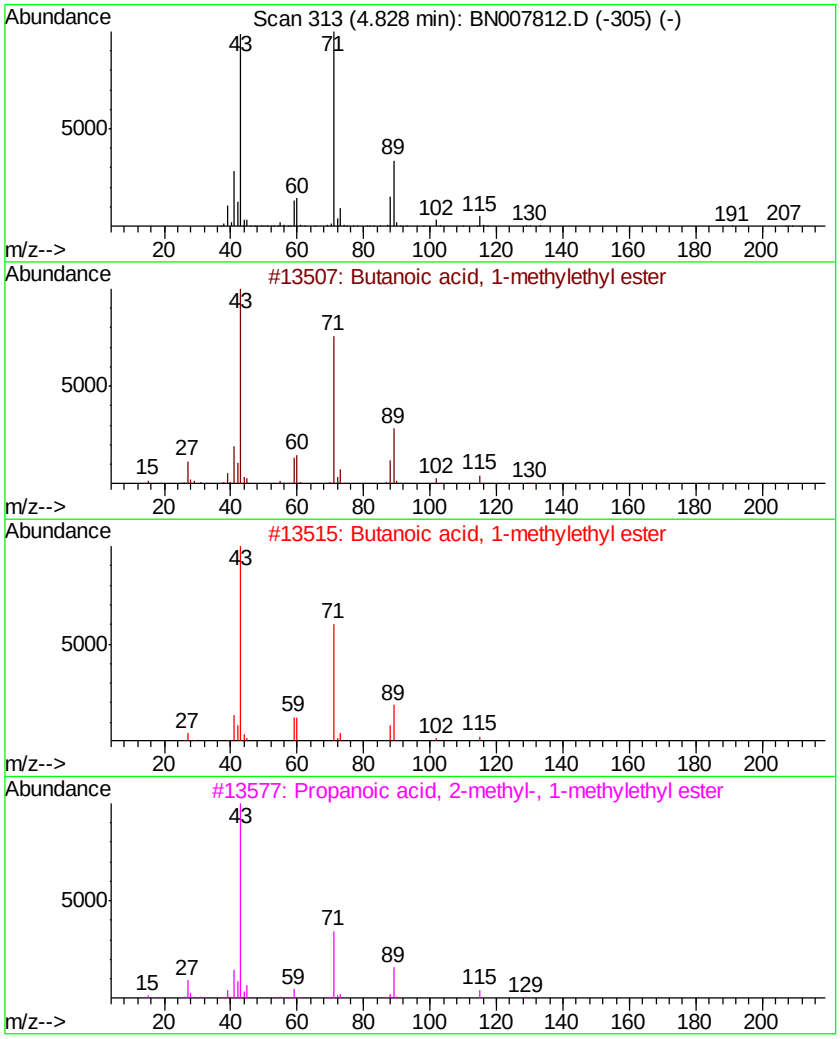
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

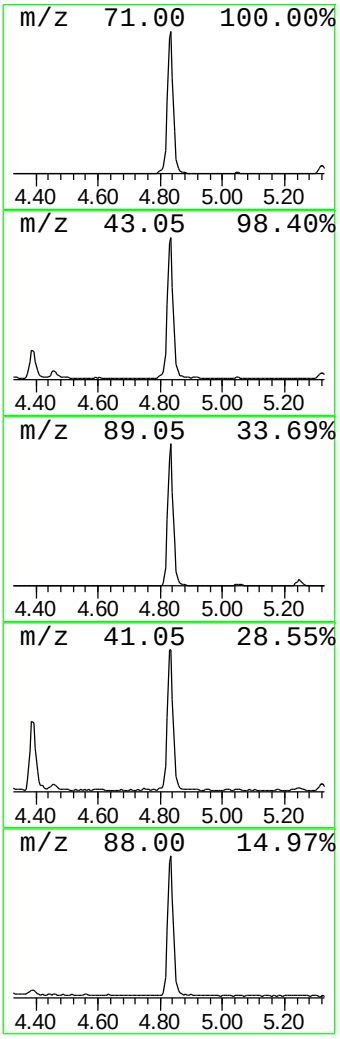
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	15.32 ng/ul	2642570	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	91
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
4	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	64
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	64





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Misc :
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Quant Title : SVOA CALIBRATION

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

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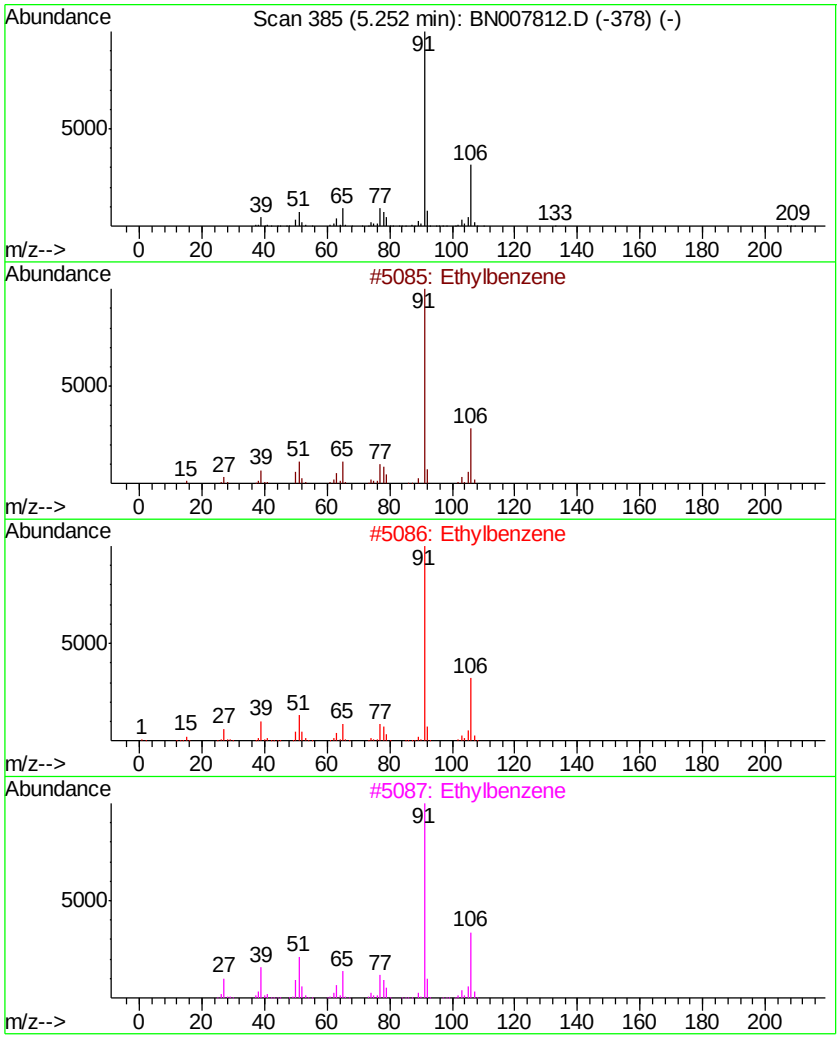
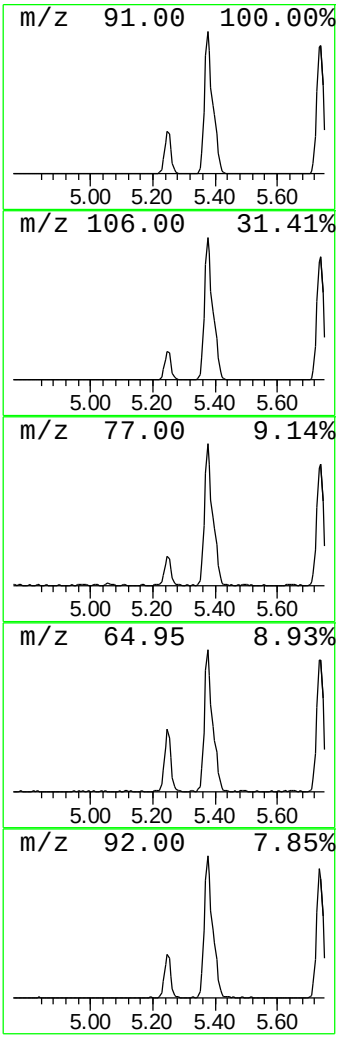
Peak Number 6 Ethylbenzene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	5.71 ng/ul	984678	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	70





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Quant Title : SVOA CALIBRATION

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

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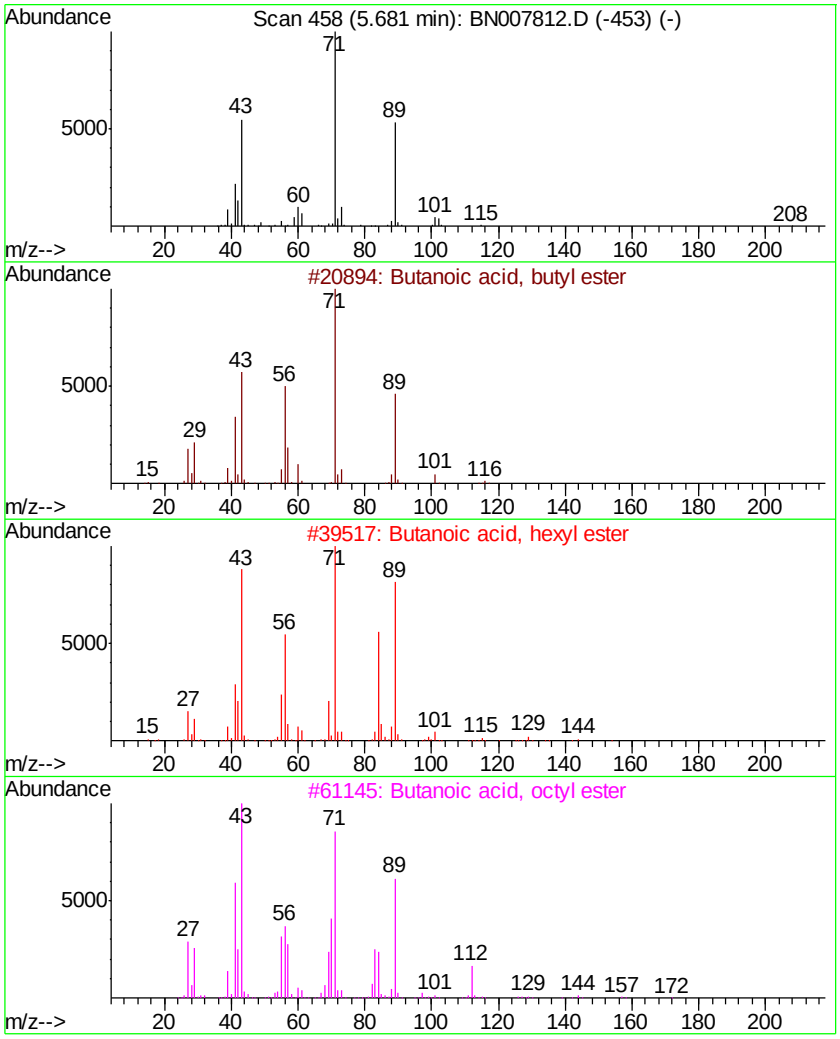
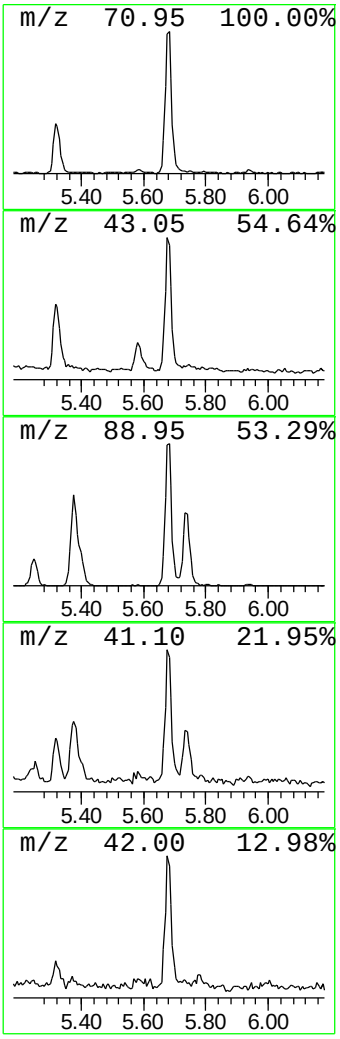
Peak Number 8 Butanoic acid, butyl ester Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	2.25 ng/ul	387679	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
2	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	72
3	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	64
4	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	64
5	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	56





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Quant Title : SVOA CALIBRATION

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

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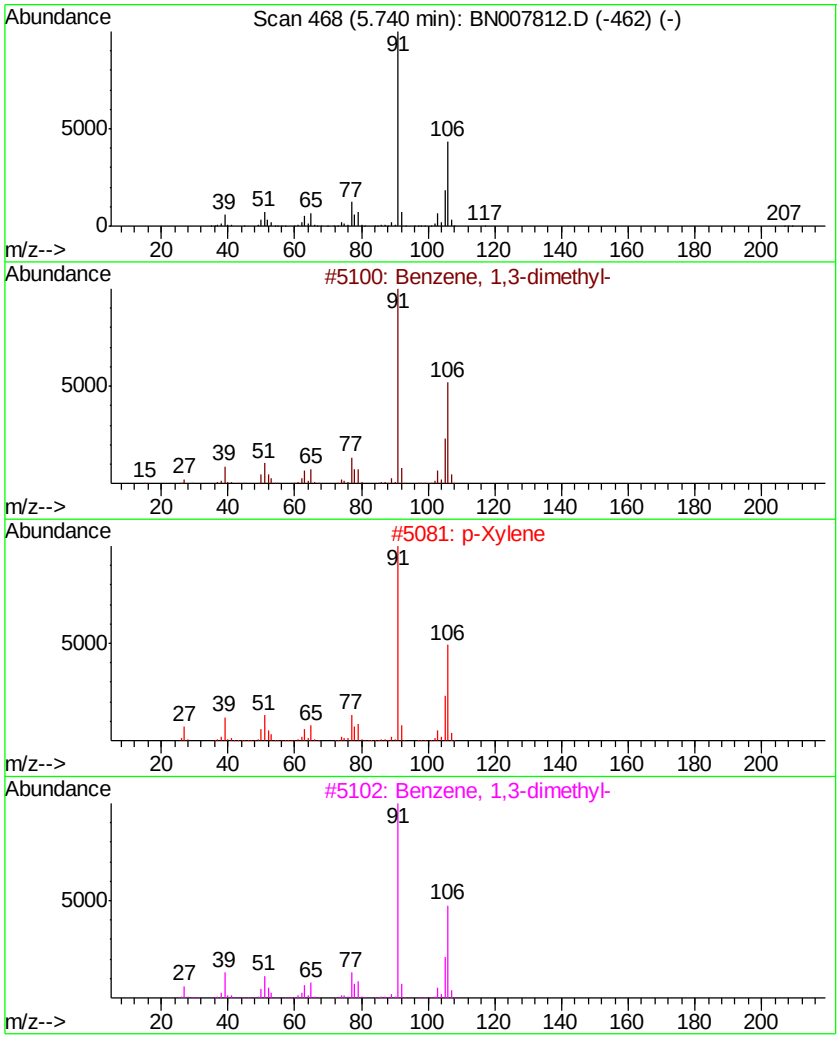
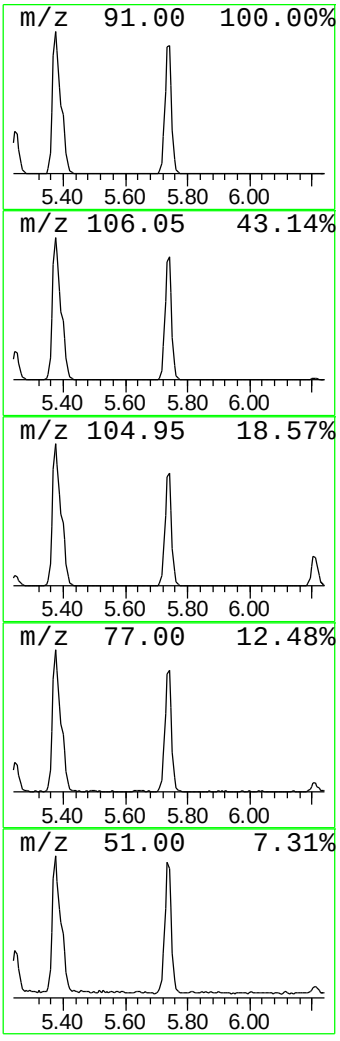
Peak Number 9 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	20.70 ng/ul	3569830	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	93





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ClientSampleId : BFDF7

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Quant Title : SVOA CALIBRATION

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

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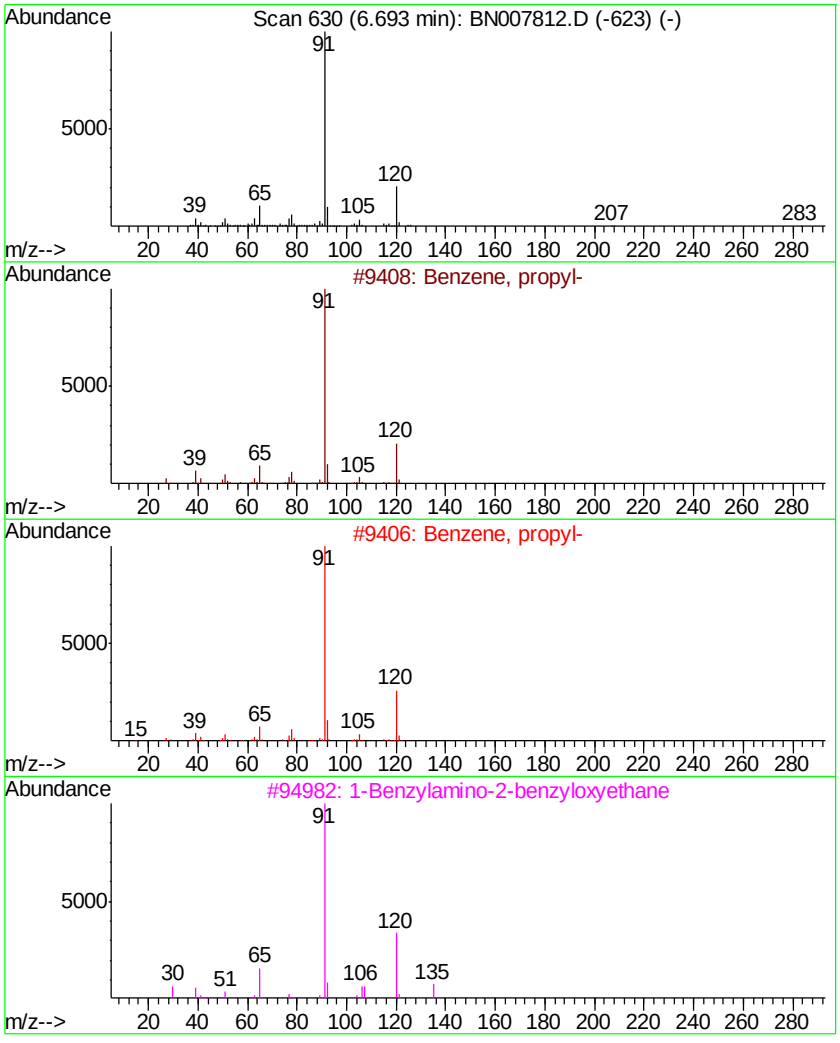
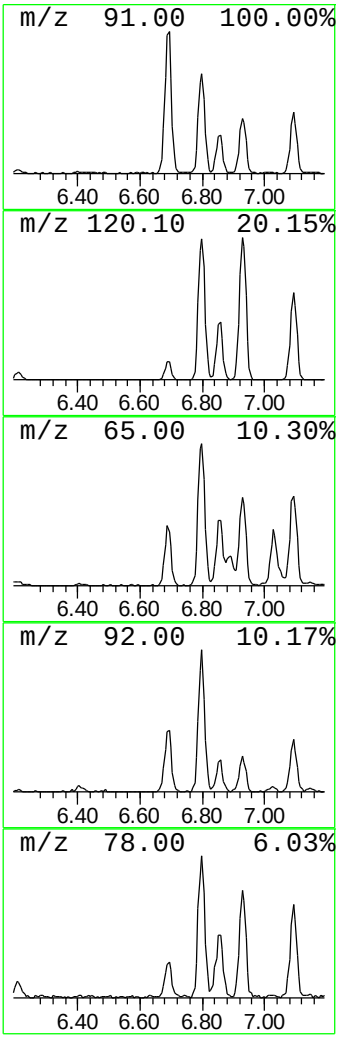
Peak Number 10 Benzene, propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	2.58 ng/ul	444643	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	83
3	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	78
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	78





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Quant Title : SVOA CALIBRATION

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

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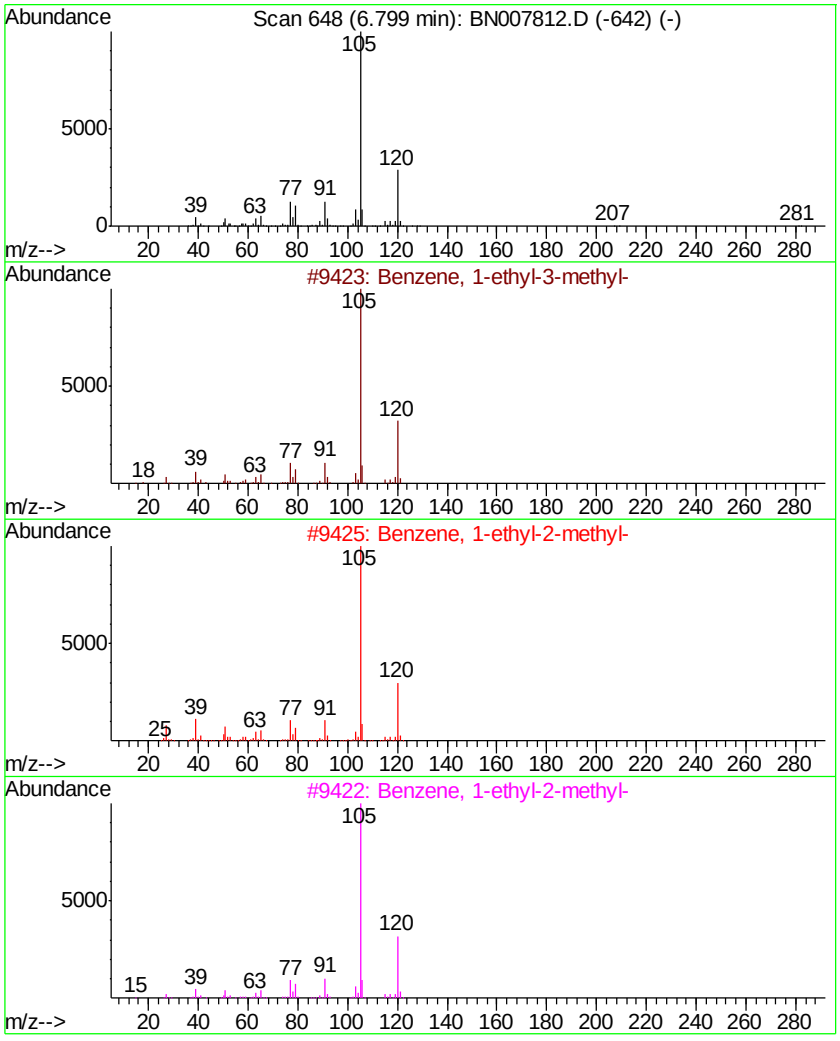
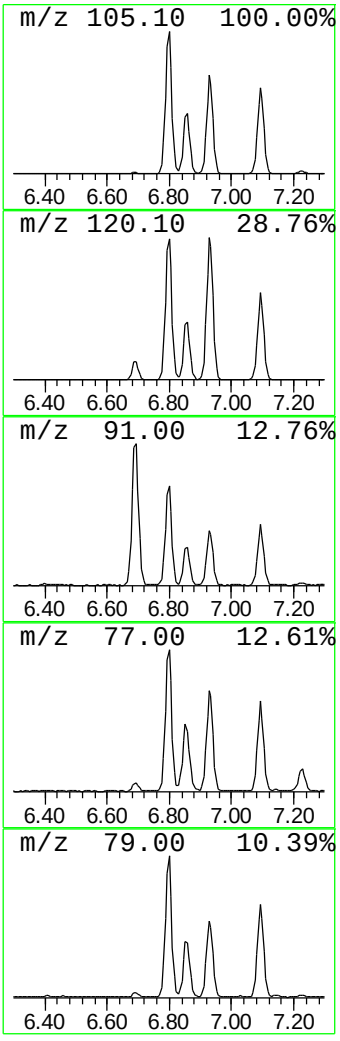
Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	14.72 ng/ul	2538680	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	95
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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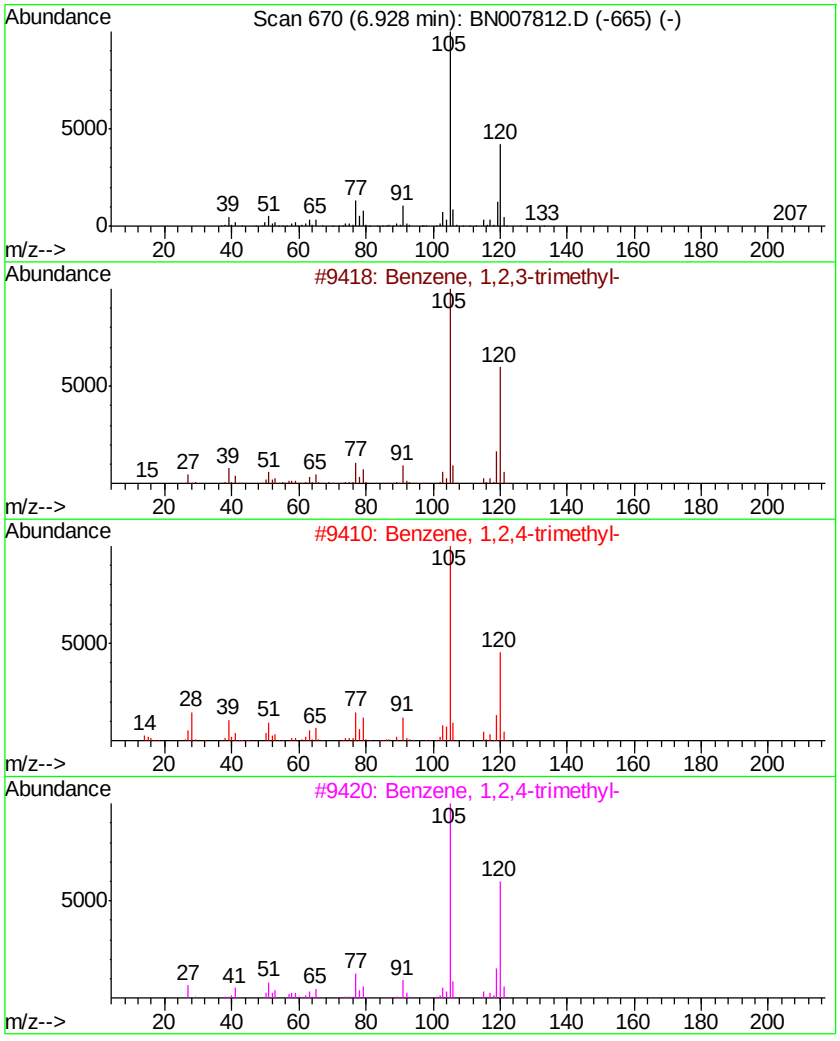
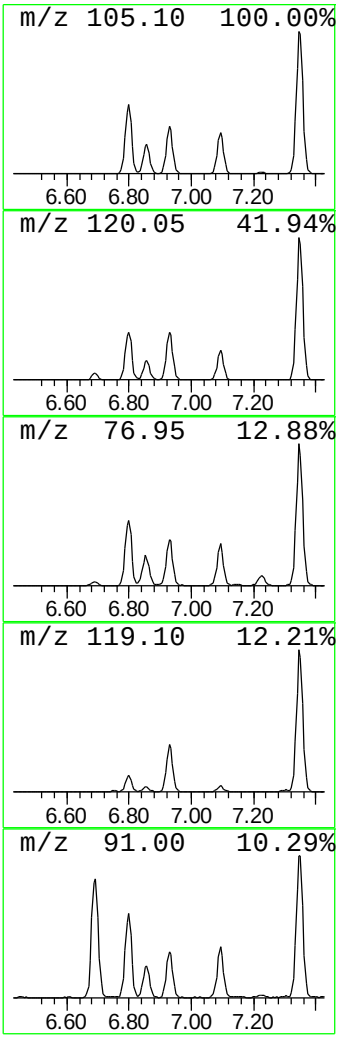
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	11.44 ng/ul	1972940	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





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

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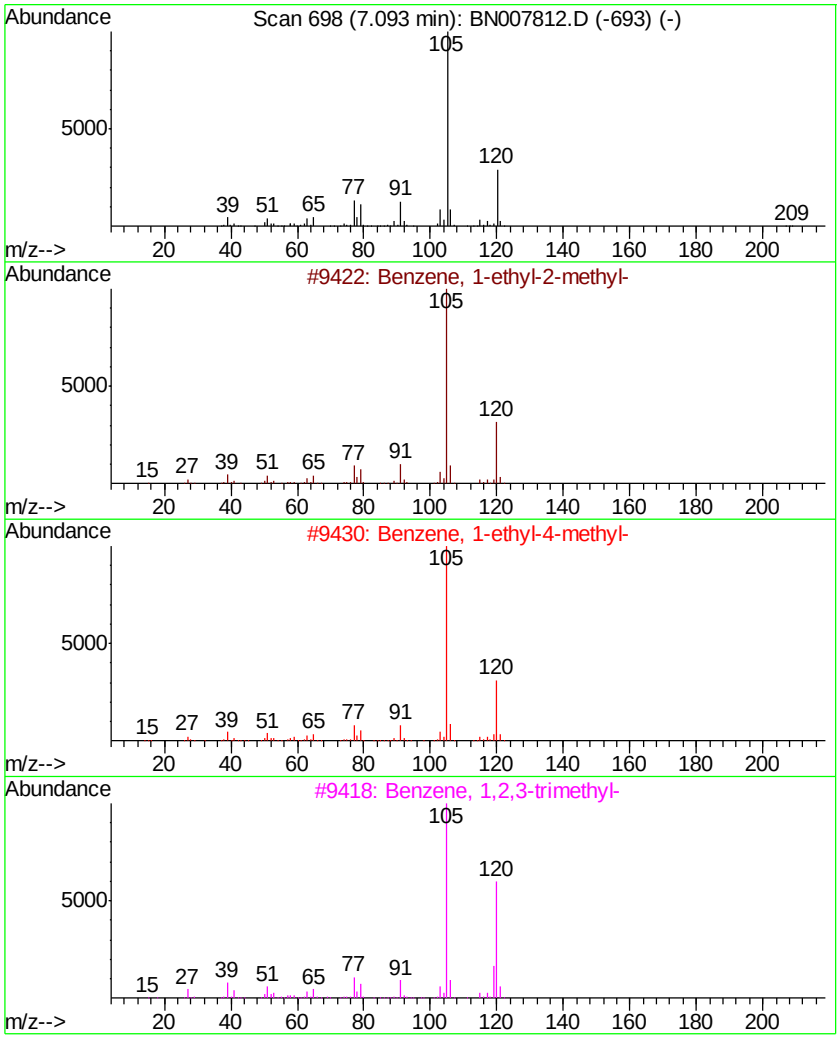
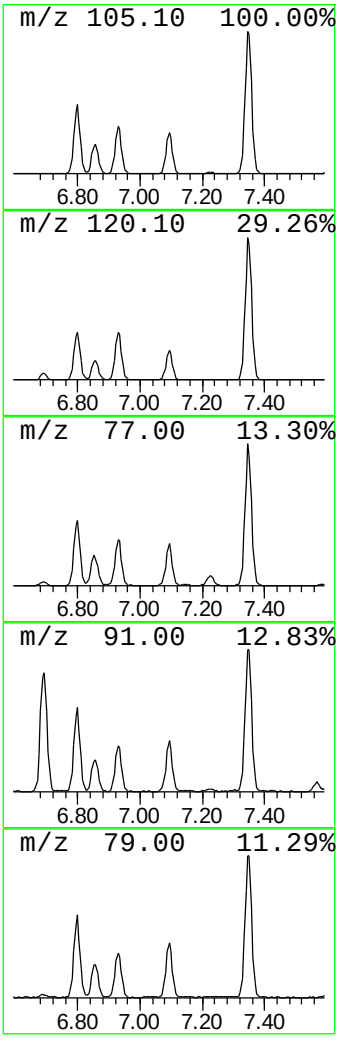
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	9.59 ng/ul	1653030	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-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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

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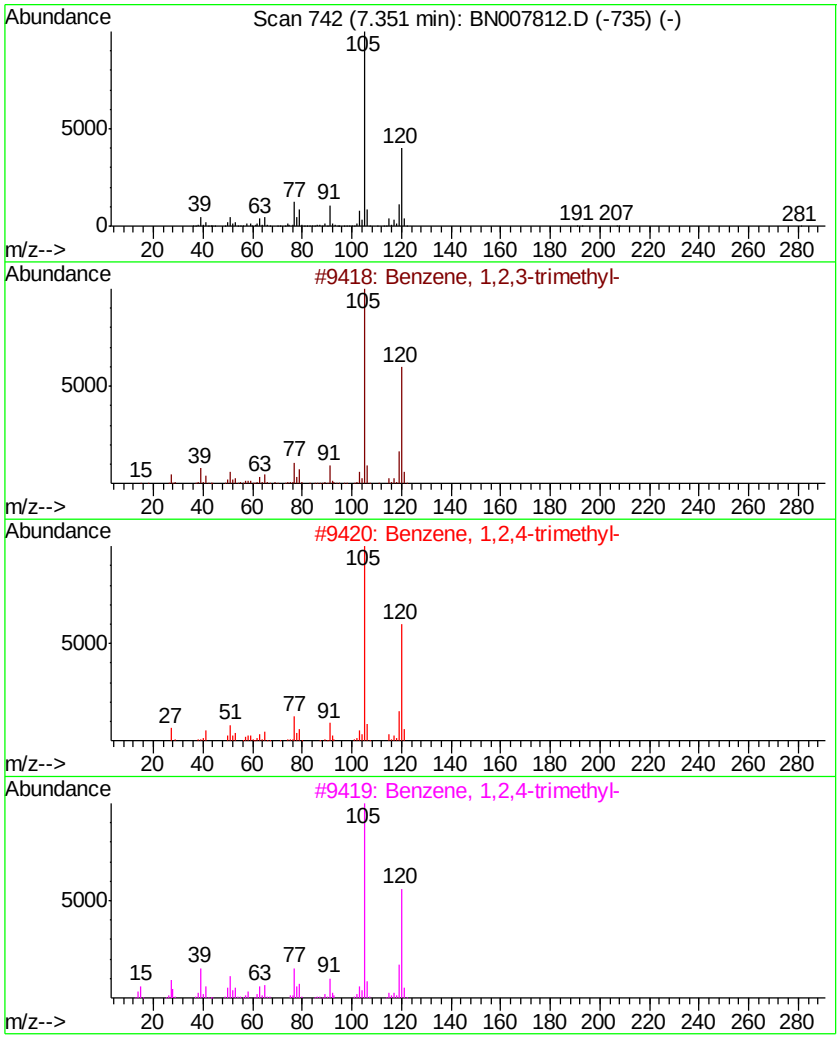
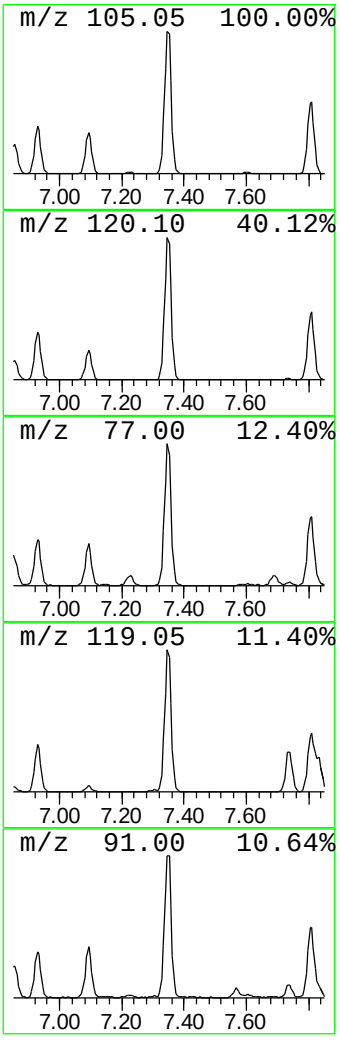
Peak Number 14 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	34.99 ng/ul	6033990	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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





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

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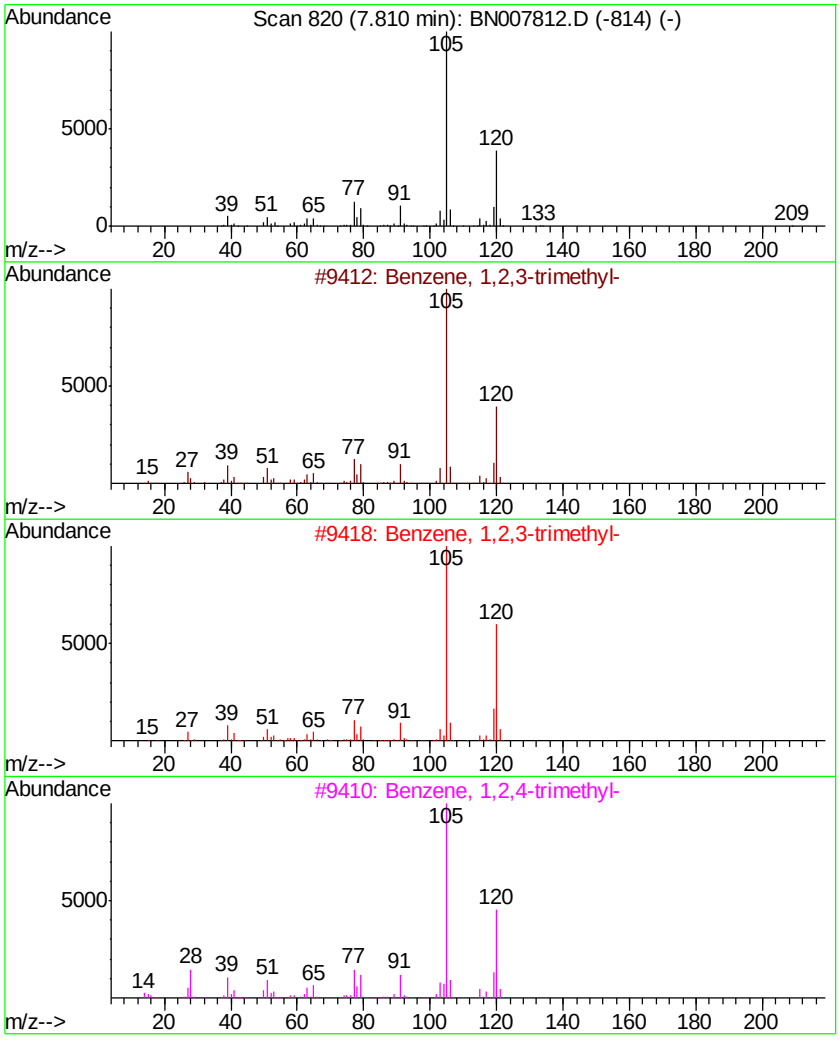
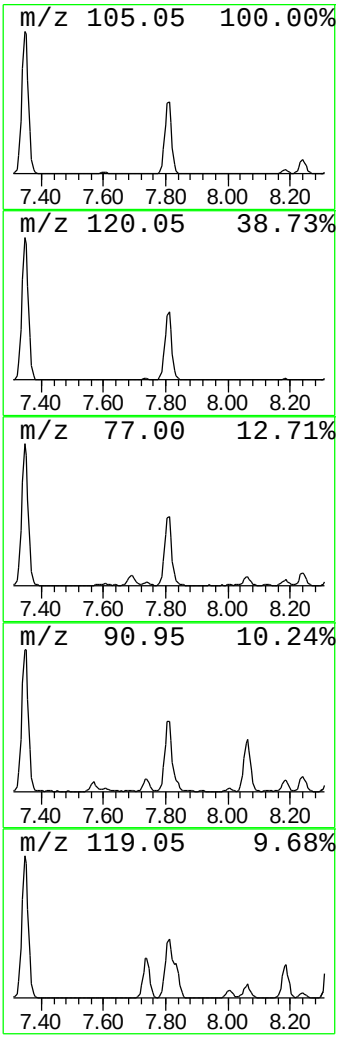
Peak Number 15 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	18.84 ng/ul	3248950	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
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Quant Title : SVOA CALIBRATION

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

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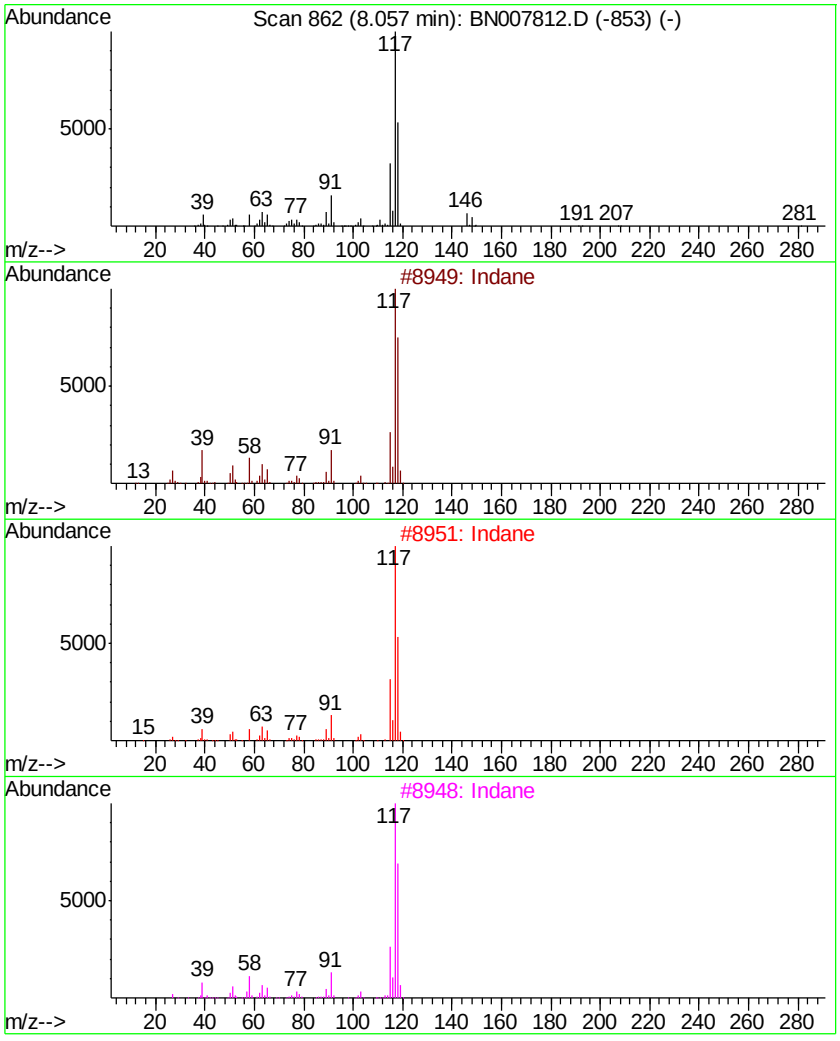
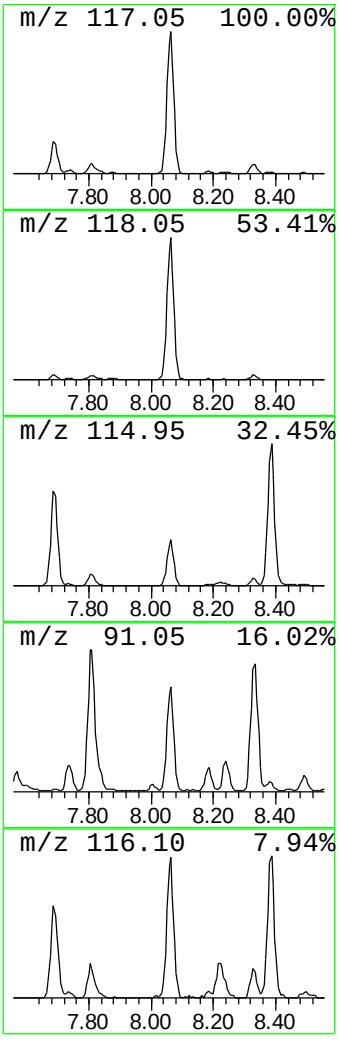
Peak Number 16 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	13.62 ng/ul	2349480	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Deltacyclene	118	C9H10	007785-10-6	59





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

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Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	3.20 ng/ul	551226	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	95
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-4-propyl-	134	C10H14	001074-55-1	91
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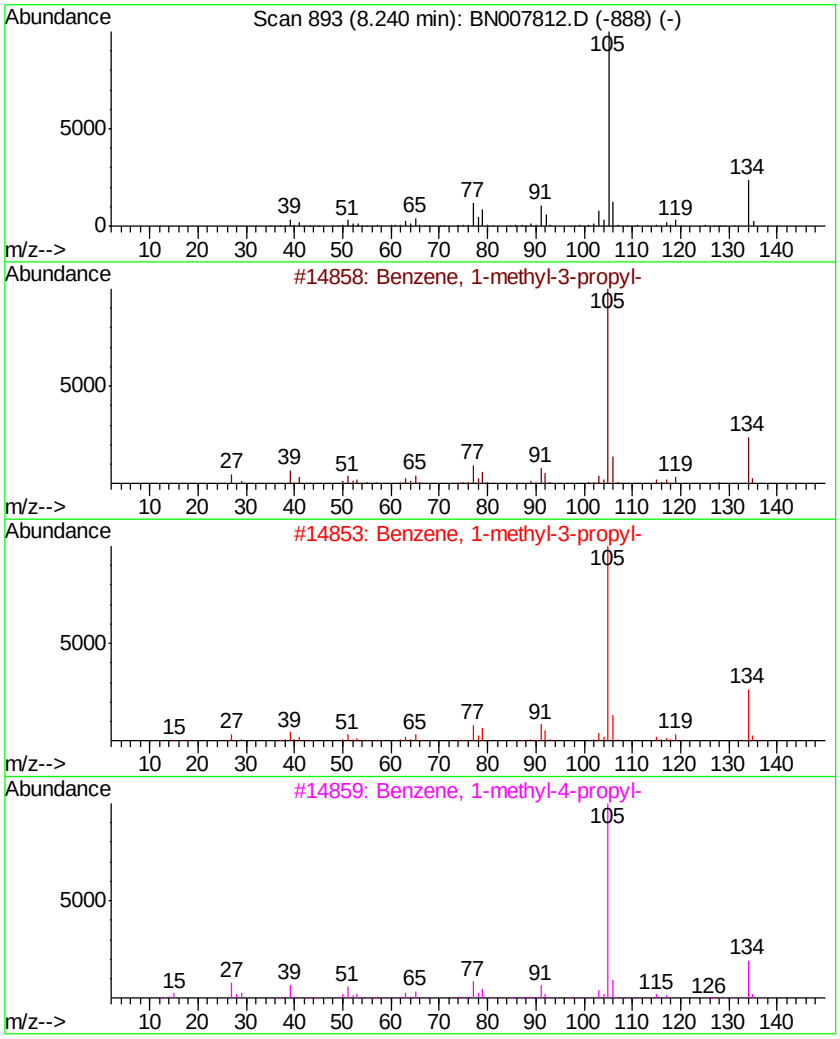

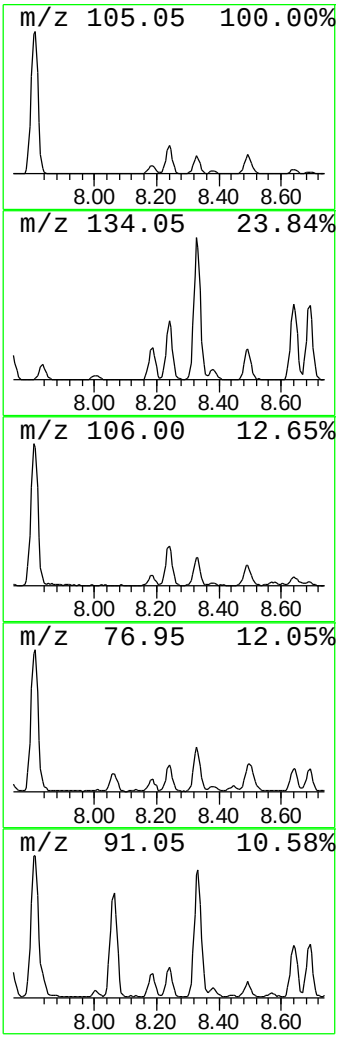

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TIC Integration Parameters: LSCINT.P

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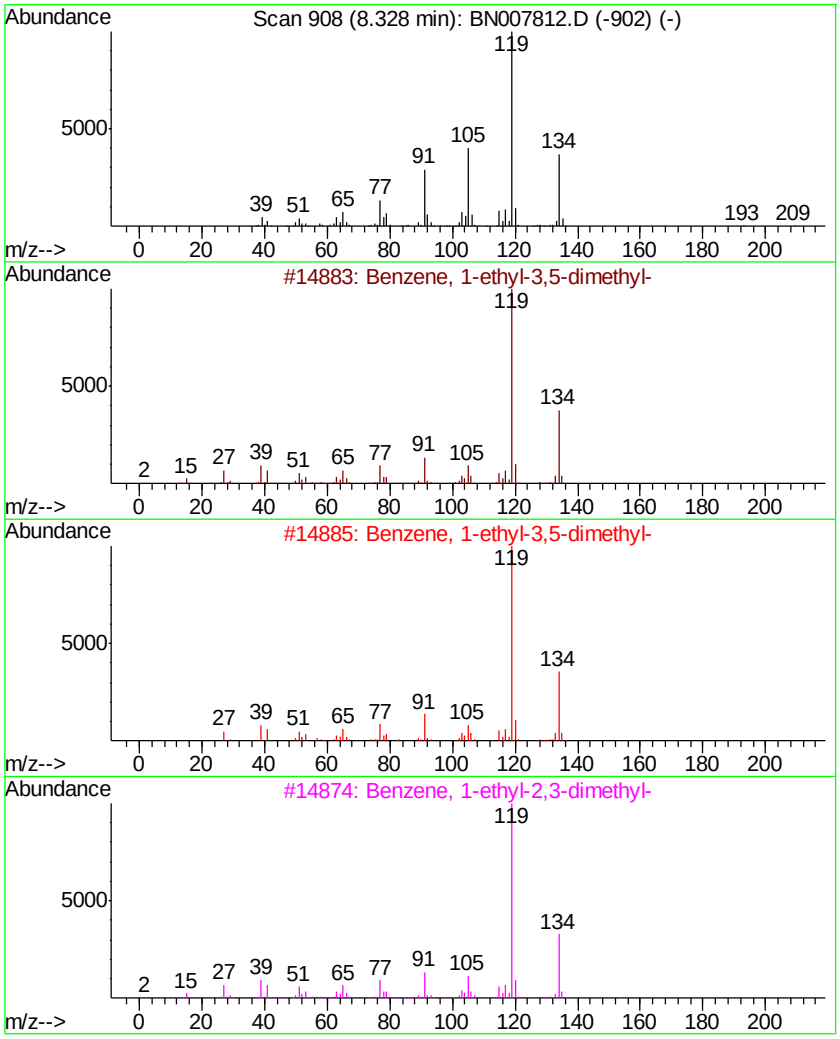
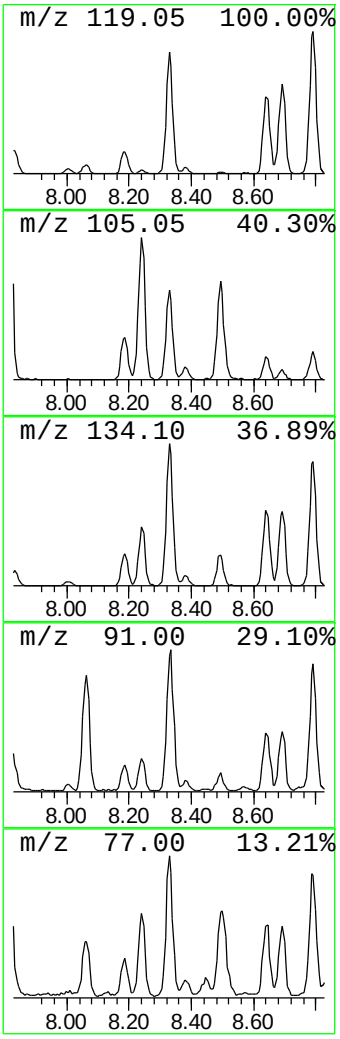
Peak Number 18 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	7.04 ng/ul	1214920	1,4-Dichlorobenzene-d4	7.69

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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Sample : K4895-03
Misc :
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Instrument : BNA_N
ClientSampleId : BFDF7

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Quant Title : SVOA CALIBRATION

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

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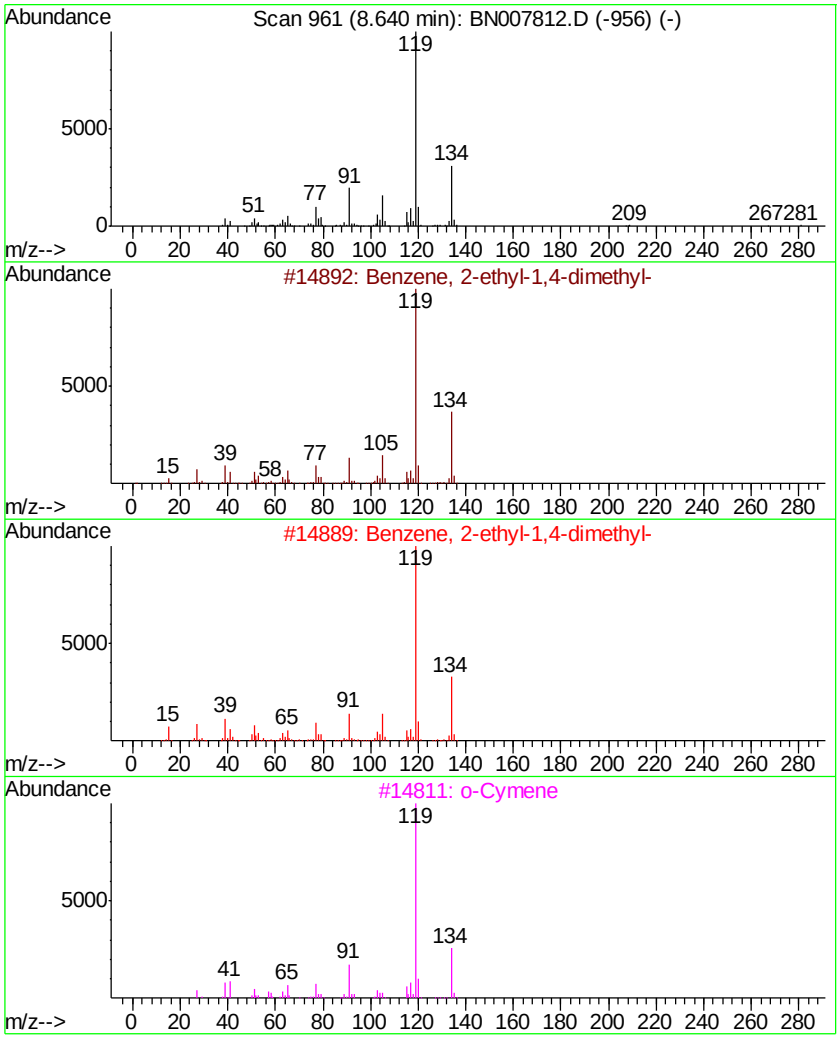
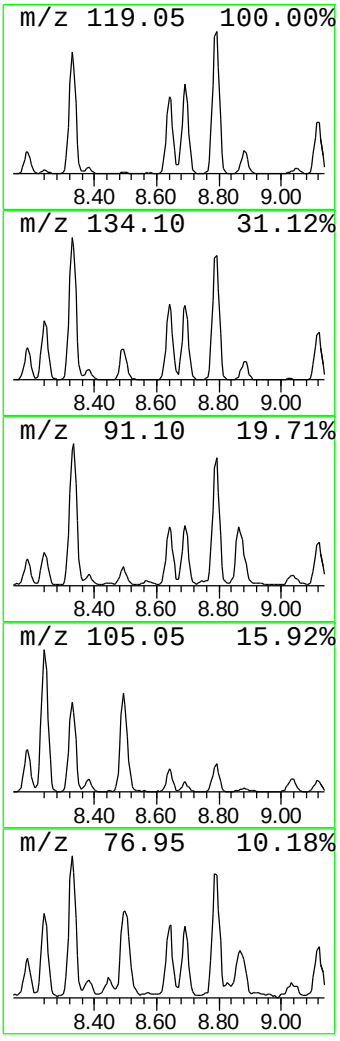
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	3.65 ng/ul	628658	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	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Quant Title : SVOA CALIBRATION

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

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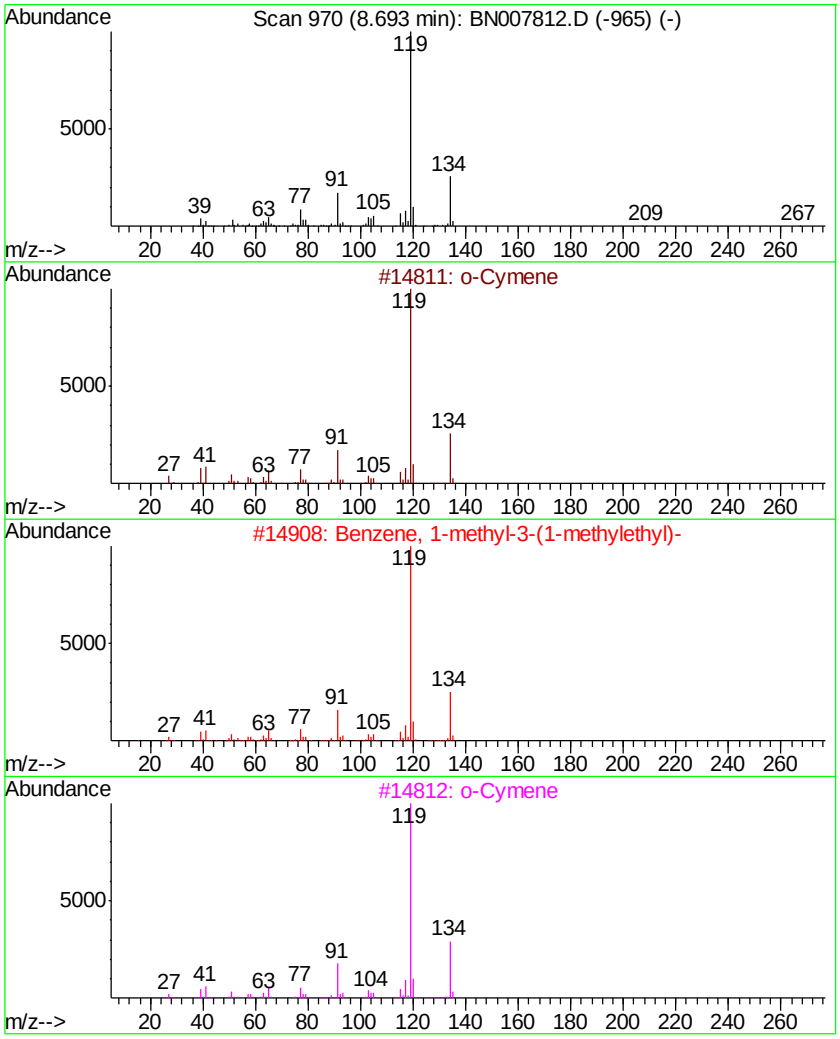
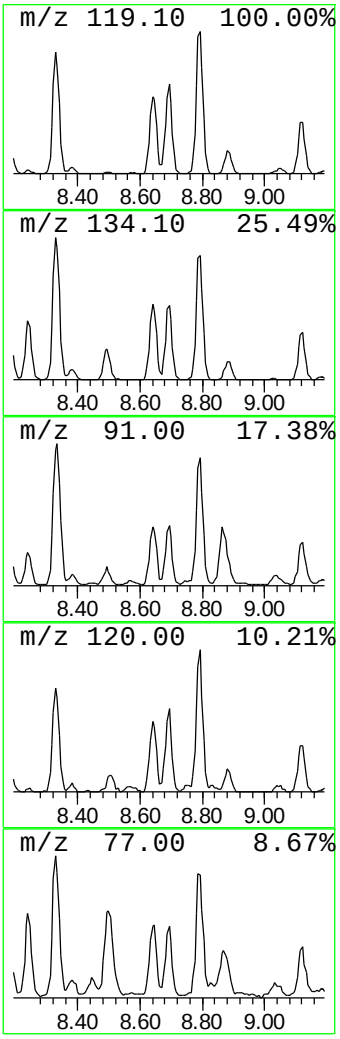
Peak Number 20 o-Cymene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.65 ng/ul	628686	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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ClientSampleId : BFDF7

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Quant Title : SVOA CALIBRATION

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

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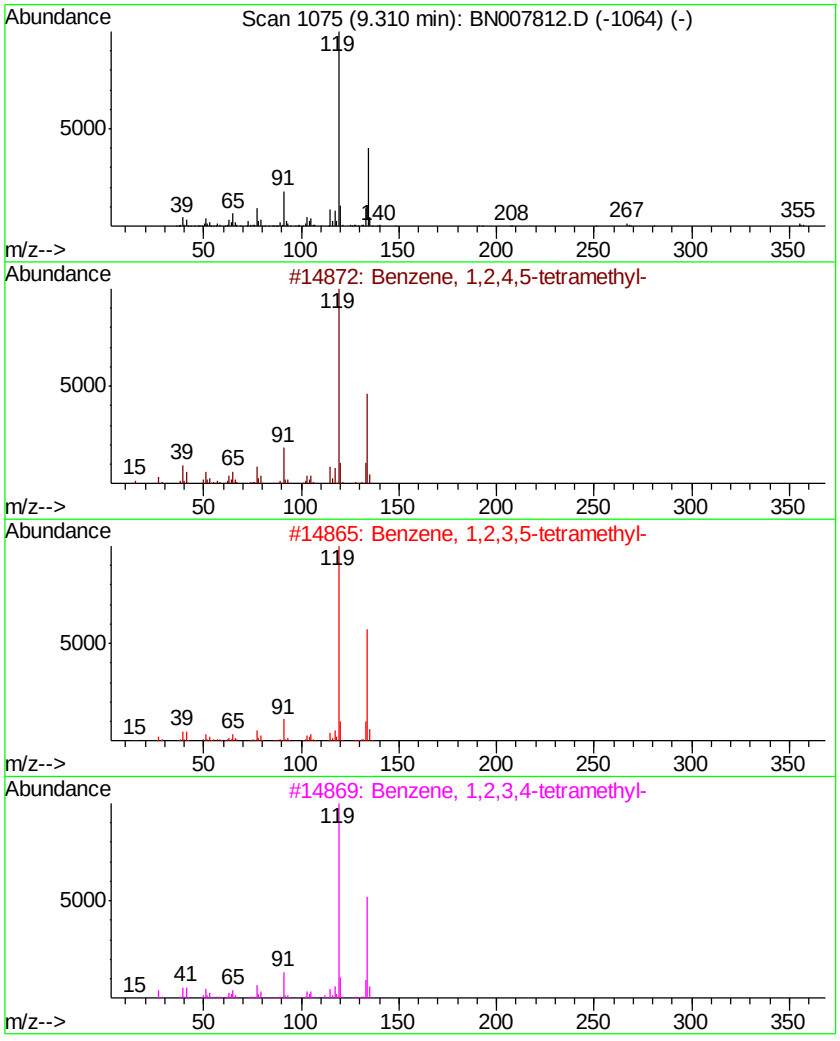
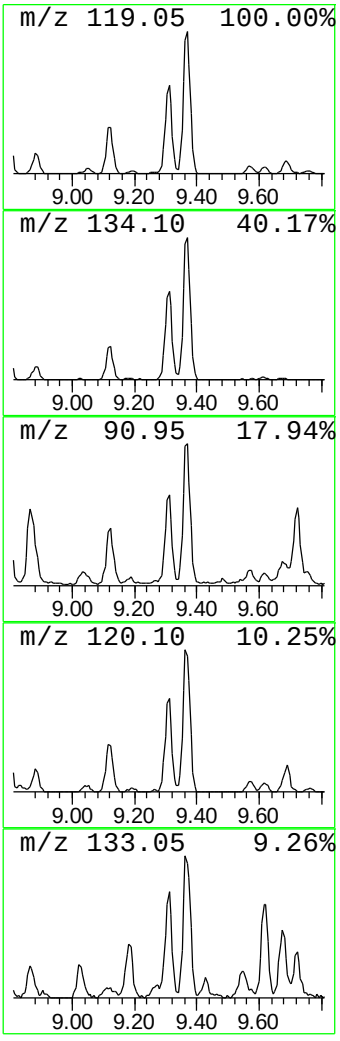
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	3.24 ng/ul	883072	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	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	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	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Quant Title : SVOA CALIBRATION

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

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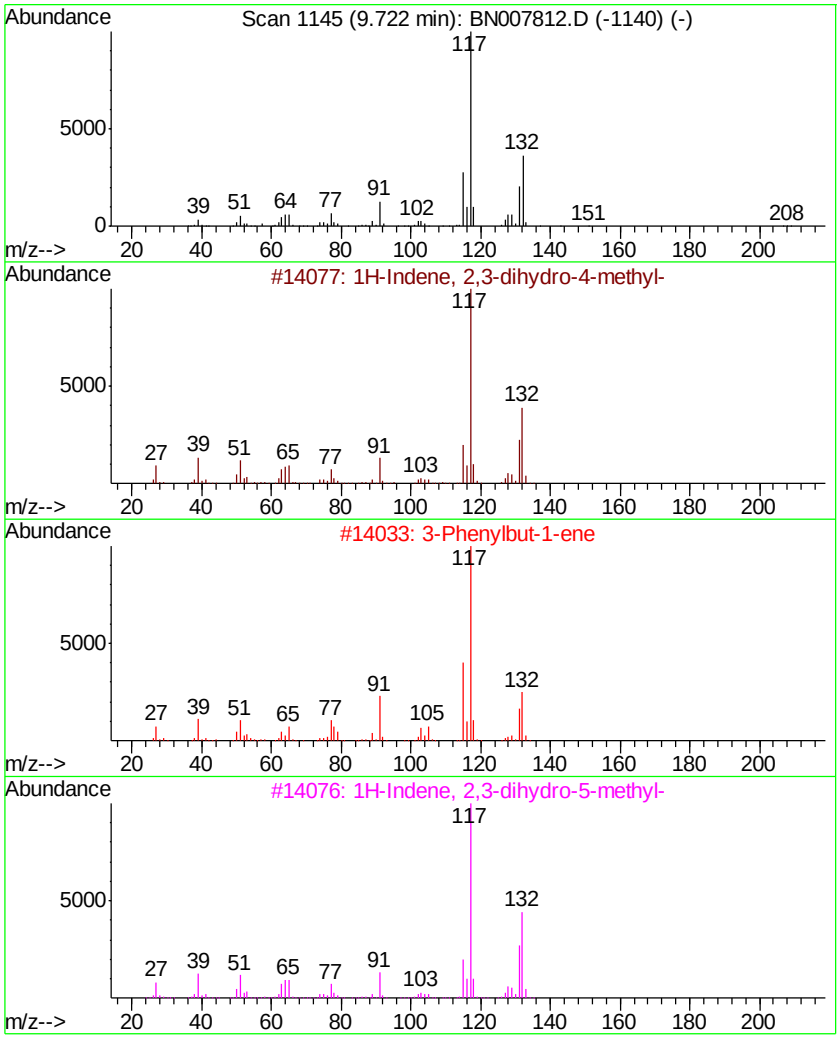
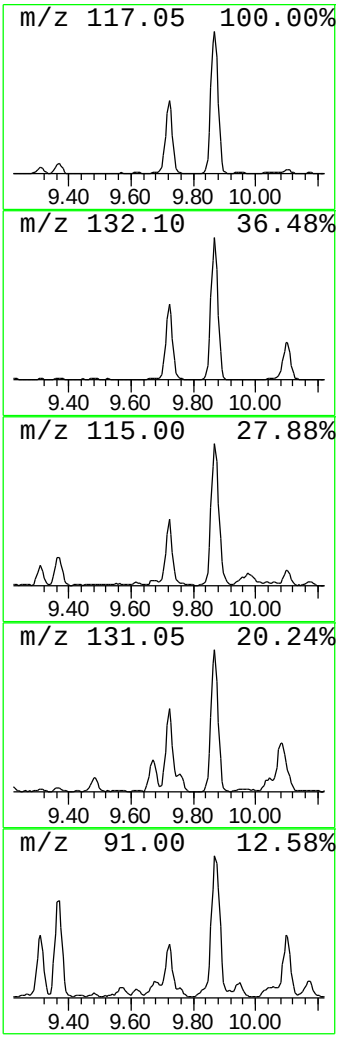
Peak Number 23 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	4.03 ng/ul	1096880	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	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74





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ClientSampleId : BFDF7

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Quant Title : SVOA CALIBRATION

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

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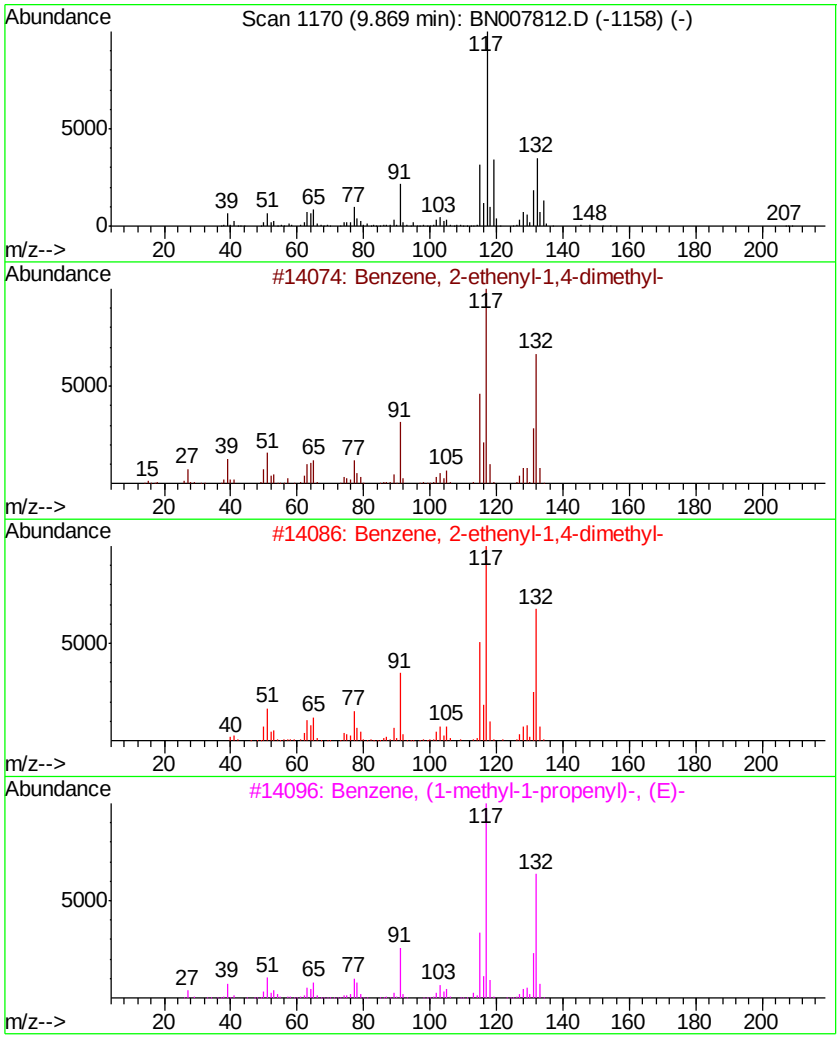
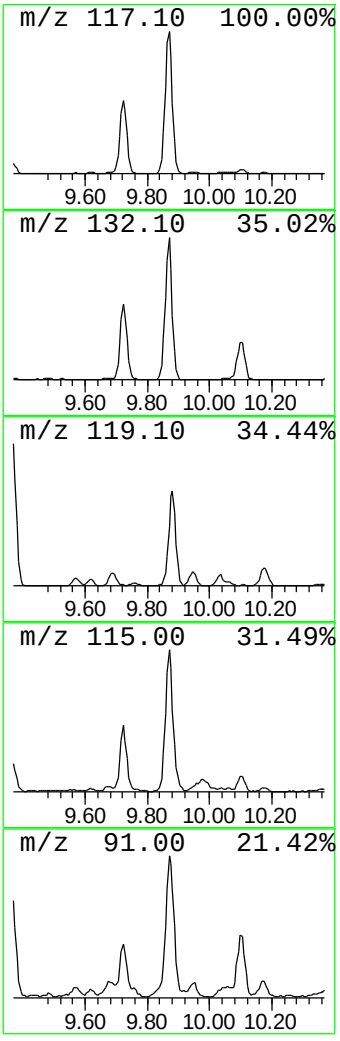
Peak Number 24 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	10.75 ng/ul	2927410	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : BFDF7

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Quant Title : SVOA CALIBRATION

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

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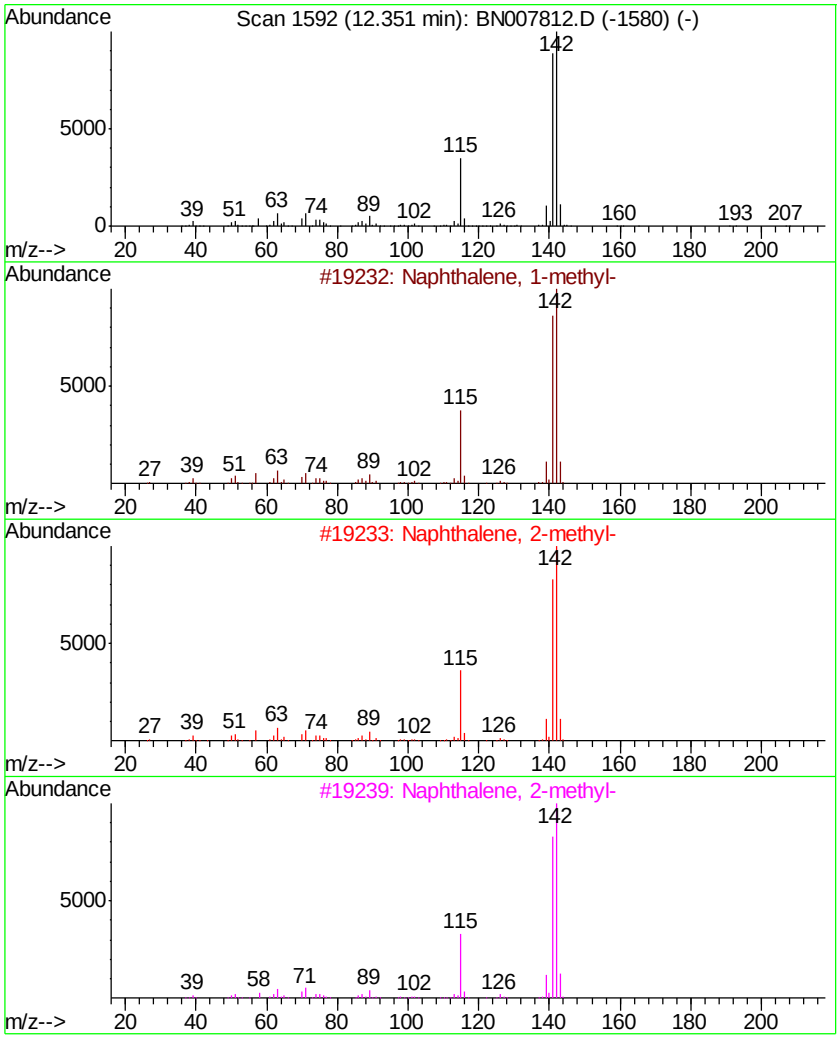
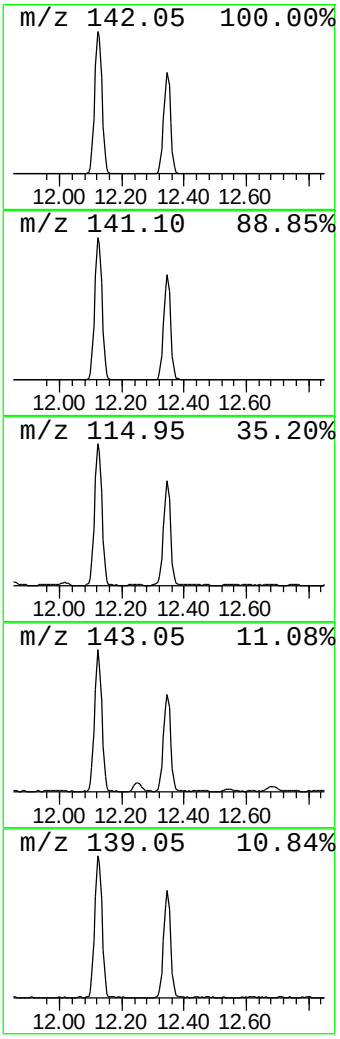
Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	13.04 ng/ul	3552210	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	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	93





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Quant Title : SVOA CALIBRATION

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

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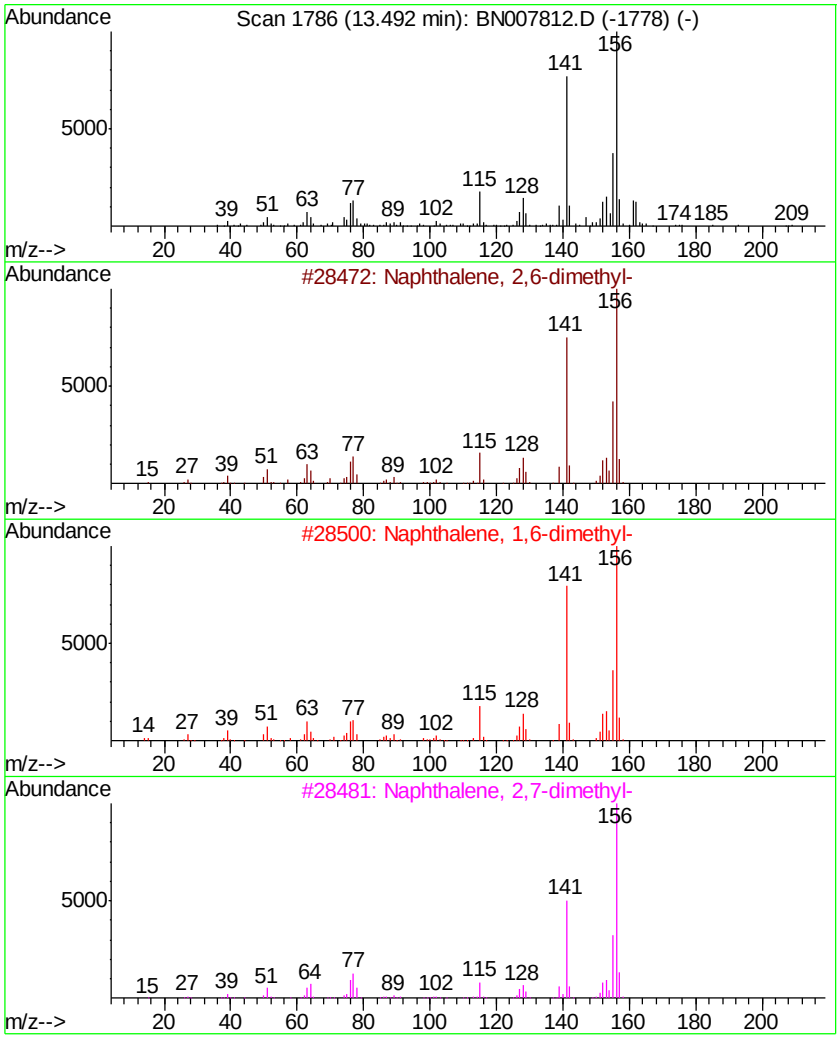
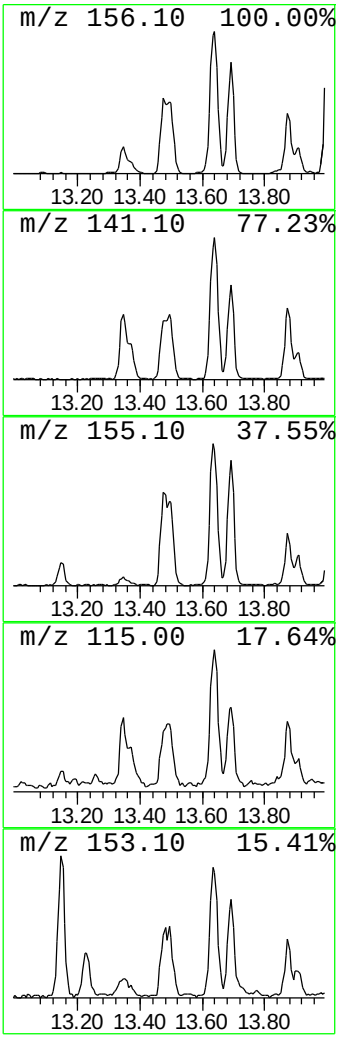
Peak Number 26 Naphthalene, 2,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.85 ng/ul	988669	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Quant Title : SVOA CALIBRATION

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

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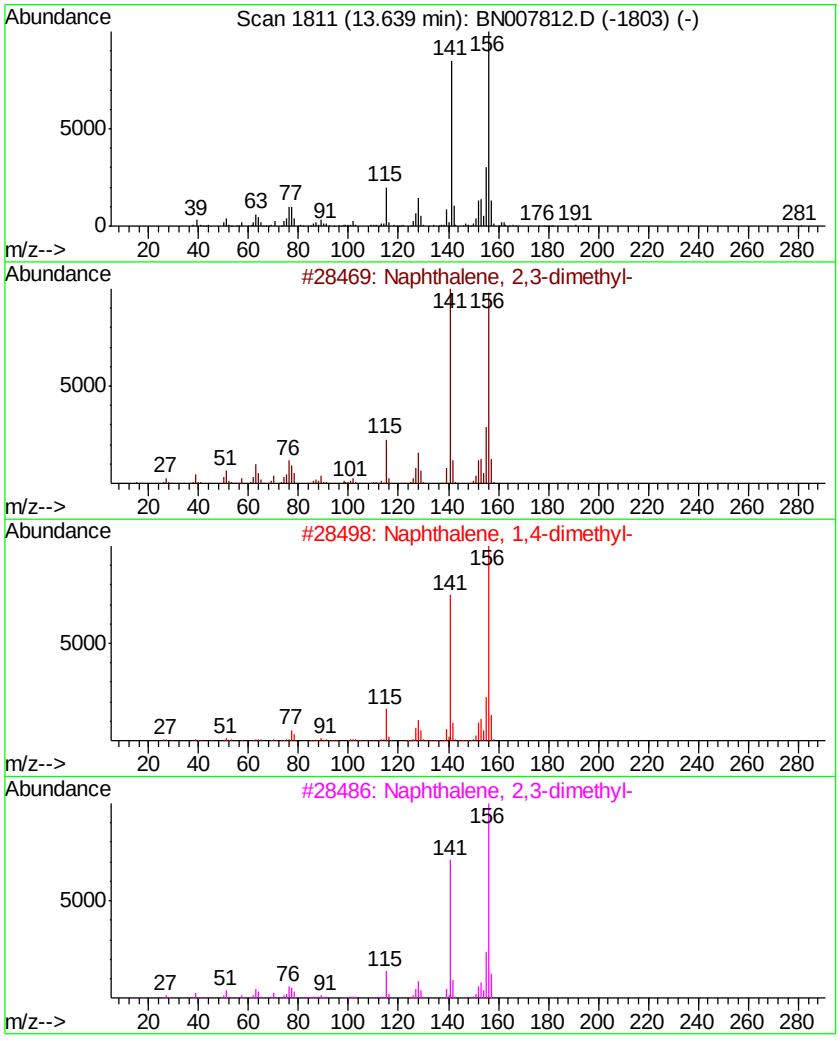
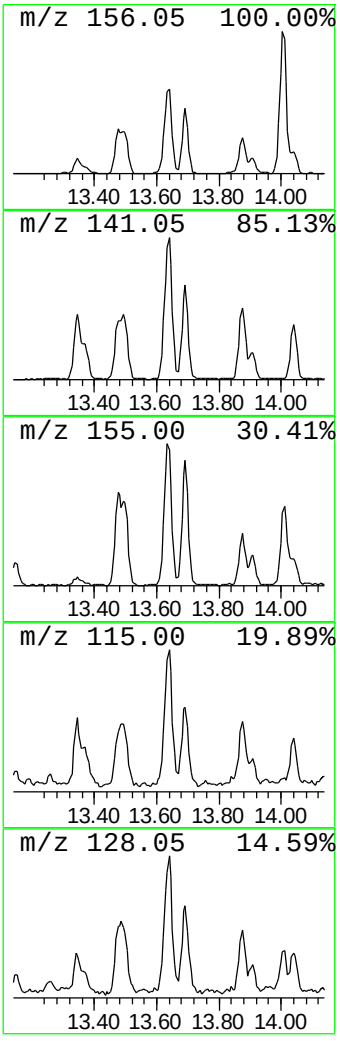
Peak Number 27 Naphthalene, 2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.60 ng/ul	1250470	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Quant Title : SVOA CALIBRATION

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

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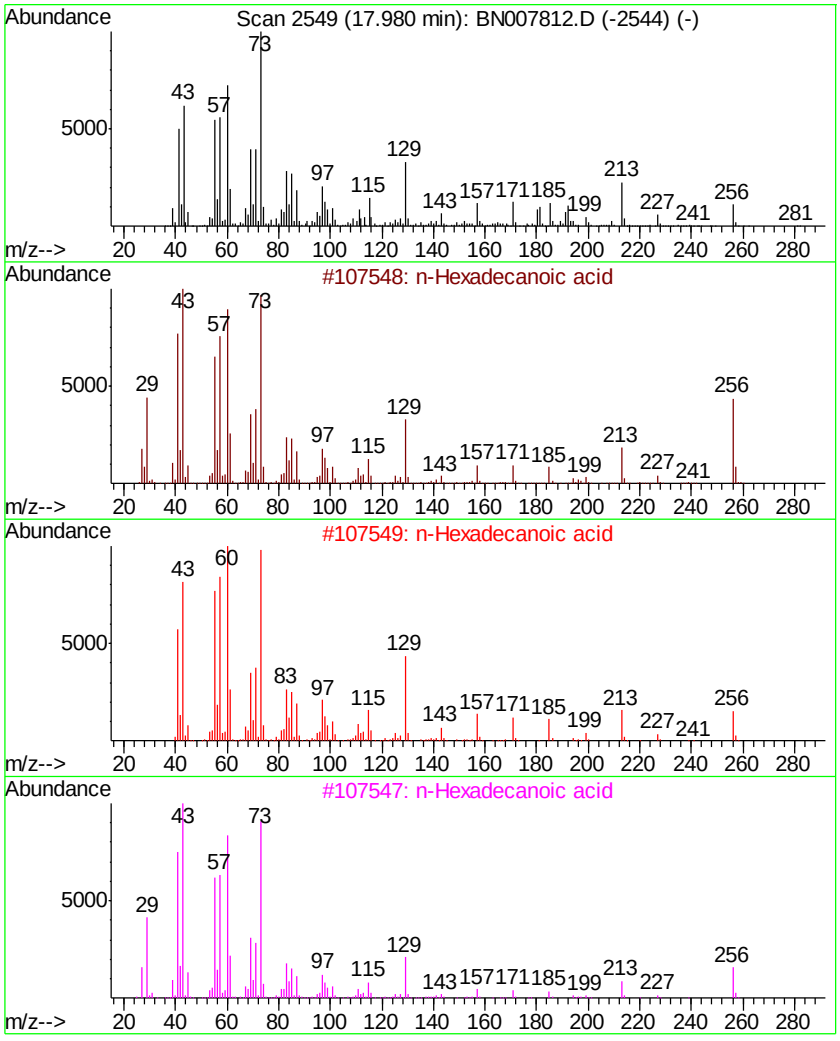
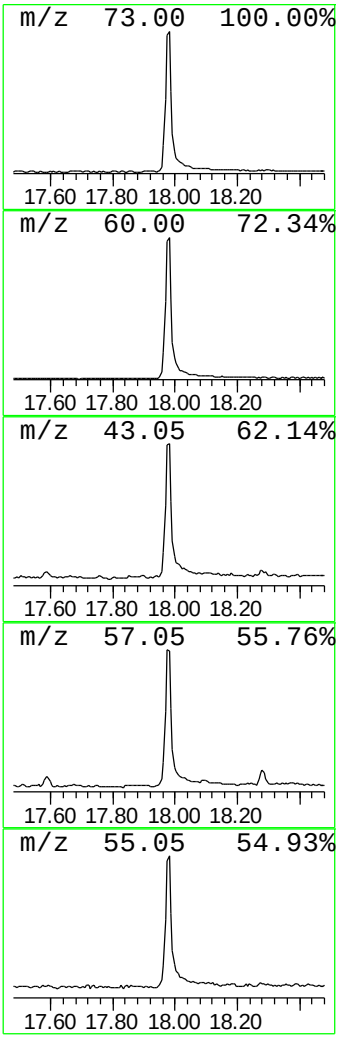
Peak Number 28 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	7.46 ng/ul	3046550	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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	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 29 Octadecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.48 ng/ul	1733560	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
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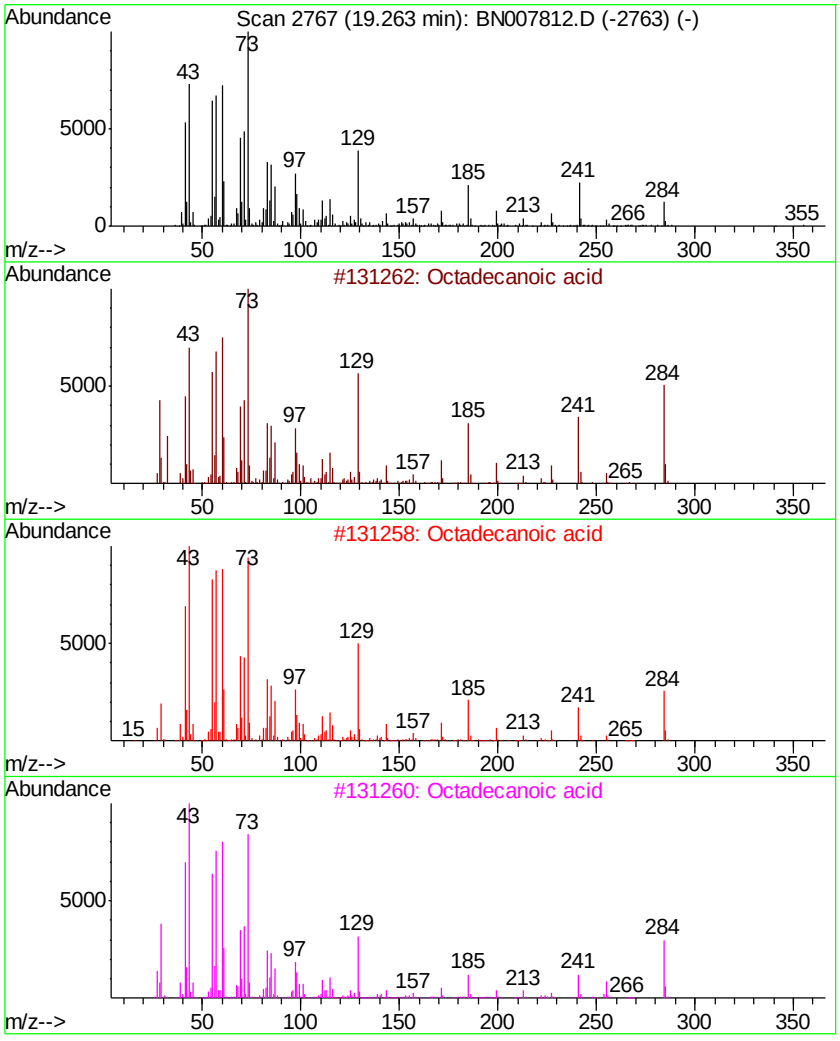

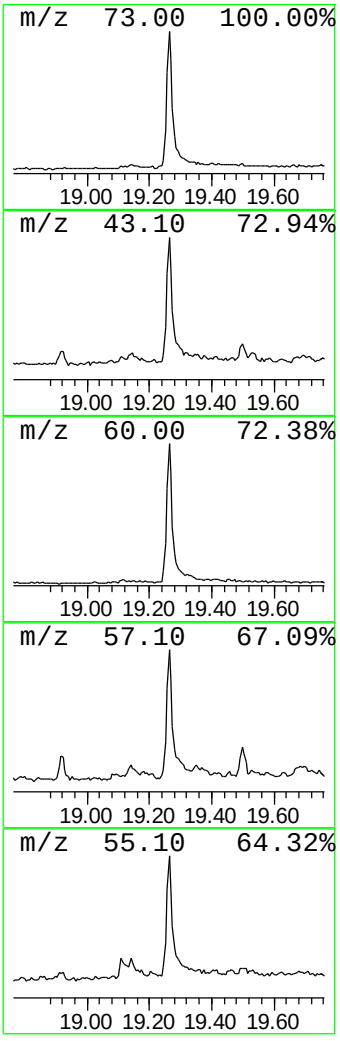

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Quant Title : SVOA CALIBRATION

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

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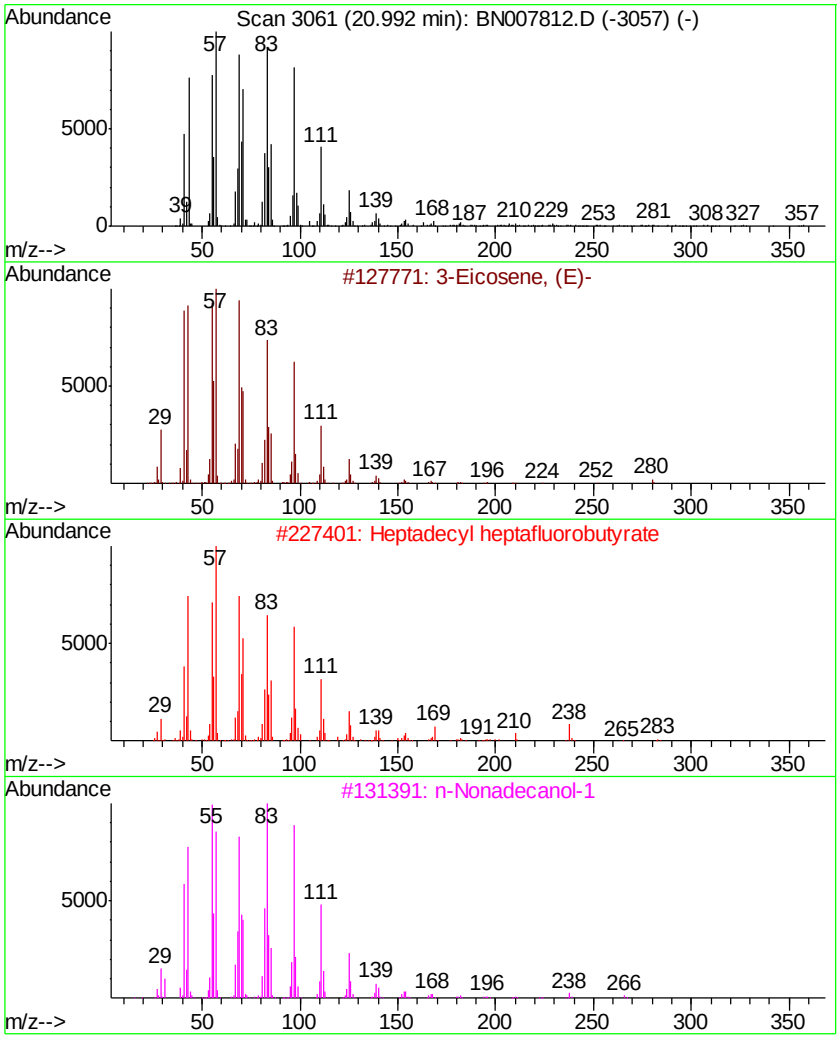
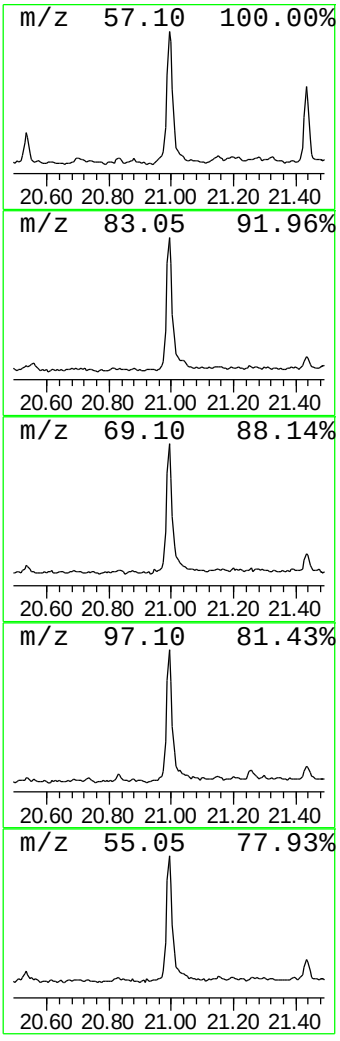
Peak Number 30 (DEL) Alkane: Cyclic20.99 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.01 ng/ul	1994640	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007812.D
Acq On : 23 Sep 2019 21:29
Operator : HP/JU
Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

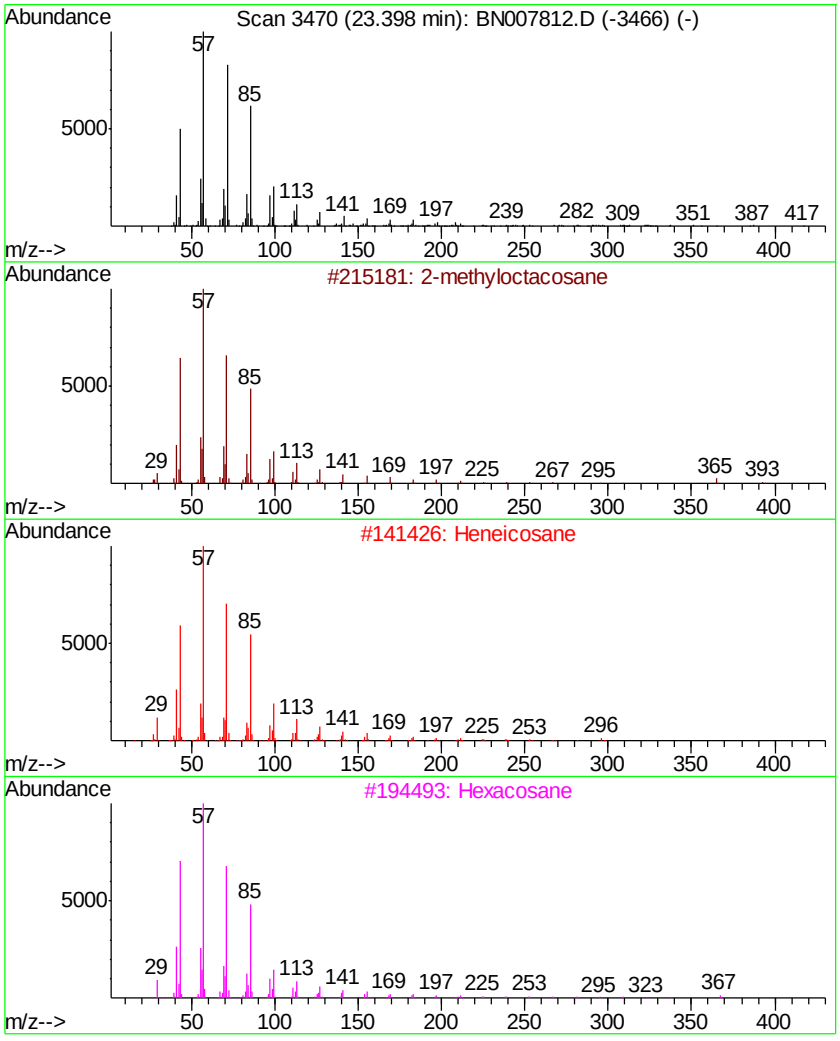
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

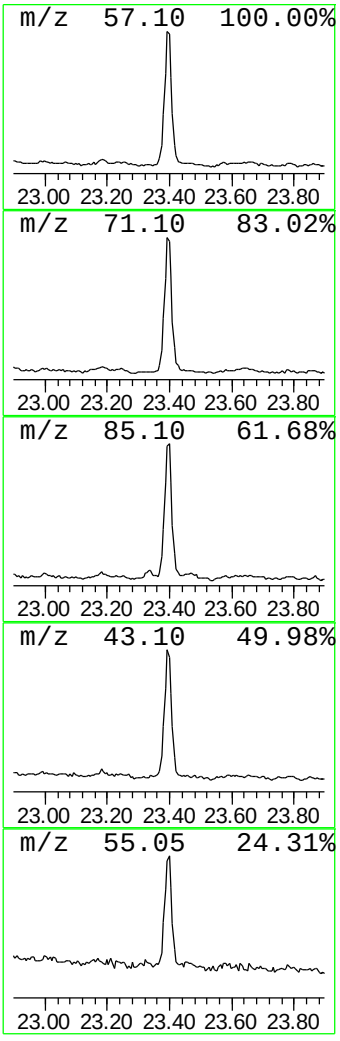
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	2.28 ng/ul	1182020	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Nonadecane	268	C19H40	000629-92-5	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007812.D
Acq On : 23 Sep 2019 21:29
Operator : HP/JU
Sample : K4895-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF7

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
Propanoic acid, 1...	3.69	3.6	ng/ul	620874	1	7.69	3449180	20.0
Toluene	3.96	8.0	ng/ul	1377090	1	7.69	3449180	20.0
Propanoic acid, 2...	4.22	8.3	ng/ul	1438280	1	7.69	3449180	20.0
Propanoic acid, p...	4.39	10.2	ng/ul	1755520	1	7.69	3449180	20.0
Butanoic acid, 1-...	4.83	15.3	ng/ul	2642570	1	7.69	3449180	20.0
Ethylbenzene	5.25	5.7	ng/ul	984678	1	7.69	3449180	20.0
Butanoic acid, bu...	5.68	2.3	ng/ul	387679	1	7.69	3449180	20.0
Benzene, 1,3-dime...	5.74	20.7	ng/ul	3569830	1	7.69	3449180	20.0
Benzene, propyl-	6.69	2.6	ng/ul	444643	1	7.69	3449180	20.0
Benzene, 1-ethyl-...	6.80	14.7	ng/ul	2538680	1	7.69	3449180	20.0
Benzene, 1,2,3-tr...	6.93	11.4	ng/ul	1972940	1	7.69	3449180	20.0
Benzene, 1-ethyl-...	7.09	9.6	ng/ul	1653030	1	7.69	3449180	20.0
Benzene, 1,2,4-tr...	7.35	35.0	ng/ul	6033990	1	7.69	3449180	20.0
Mesitylene	7.81	18.8	ng/ul	3248950	1	7.69	3449180	20.0
Indane	8.06	13.6	ng/ul	2349480	1	7.69	3449180	20.0
Benzene, 1-methyl...	8.24	3.2	ng/ul	551226	1	7.69	3449180	20.0
Benzene, 1-ethyl-...	8.33	7.0	ng/ul	1214920	1	7.69	3449180	20.0
Benzene, 2-ethyl-...	8.64	3.6	ng/ul	628658	1	7.69	3449180	20.0
o-Cymene	8.69	3.6	ng/ul	628686	1	7.69	3449180	20.0
Benzene, 1,2,4,5-...	9.31	3.2	ng/ul	883072	2	10.46	5447110	20.0
1H-Indene, 2,3-di...	9.72	4.0	ng/ul	1096880	2	10.46	5447110	20.0
Benzene, 2-etheny...	9.87	10.8	ng/ul	2927410	2	10.46	5447110	20.0
Naphthalene, 1-me...	12.35	13.0	ng/ul	3552210	2	10.46	5447110	20.0
Naphthalene, 2,6-...	13.49	2.9	ng/ul	988669	3	14.32	6948020	20.0
Naphthalene, 2,3-...	13.64	3.6	ng/ul	1250470	3	14.32	6948020	20.0
n-Hexadecanoic acid	17.98	7.5	ng/ul	3046550	4	17.06	8169630	20.0
Octadecanoic acid	19.26	3.5	ng/ul	1733560	5	21.26	9953560	20.0
(DEL) Alkane: Cyc...	20.99	4.0	ng/ul	1994640	5	21.26	9953560	20.0
(DEL) Alkane: Str...	23.40	2.3	ng/ul	1182020	6	23.47	10385500	20.0