LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007813.D
Acq On : 23 Sep 2019 22:05
Operator : HP/JU
Sample : K4895-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF8

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	4585653	5954694	33.79%	1.657%
2	3.699	116	121	126	rVV	580065	758748	4.31%	0.211%
3	3.963	159	166	172	rBV	3626452	5077499	28.81%	1.413%
4	4.216	204	209	215	rVV	1247067	1576524	8.95%	0.439%
5	4.281	216	220	234	rVV3	168123	345806	1.96%	0.096%
6	4.393	234	239	246	rVV	1638488	2268318	12.87%	0.631%
7	4.475	246	253	263	rVB2	754028	1306307	7.41%	0.363%
8	4.834	303	314	323	rVV	2263947	3042186	17.26%	0.846%
9	5.246	377	384	392	rVV	2303199	3298138	18.72%	0.918%
10	5.375	400	406	422	rVB	8624952	16531857	93.81%	4.600%
11	5.675	454	457	462	rVV	307757	447590	2.54%	0.125%
12	5.740	462	468	477	rVB	7356418	10862855	61.64%	3.023%
13	6.210	542	548	556	rBV	298130	472984	2.68%	0.132%
14	6.687	623	629	638	rVV	731772	1142543	6.48%	0.318%
15	6.799	640	648	653	rVV	5499983	8029415	45.56%	2.234%
16	6.857	653	658	665	rVV2	2795634	4443735	25.22%	1.236%
17	6.928	665	670	680	rVV	3737759	5706298	32.38%	1.588%
18	7.028	680	687	693	rVV	1472997	2461884	13.97%	0.685%
19	7.093	693	698	705	rVV	3266711	4891351	27.76%	1.361%
20	7.228	713	721	731	rVV	1832208	3002038	17.04%	0.835%
21	7.352	735	742	749	rVV	11561665	17622386	100.00%	4.903%
22	7.581	773	781	788	rBV3	142805	423419	2.40%	0.118%
23	7.687	793	799	804	rVV	2306575	3640836	20.66%	1.013%
24	7.734	804	807	814	rVV3	512732	923568	5.24%	0.257%
25	7.810	814	820	828	rVV	5660360	8958555	50.84%	2.493%
26	8.063	843	863	871	rBV2	3054645	7629763	43.30%	2.123%
27	8.187	878	884	888	rBV	594401	924621	5.25%	0.257%
28	8.240	888	893	899	rVV	1070994	1551938	8.81%	0.432%
29	8.328	902	908	913	rVV	2311958	3496385	19.84%	0.973%
30	8.387	913	918	927	rVV	1637627	2584084	14.66%	0.719%
31	8.493	931	936	945	rVB	609937	1002060	5.69%	0.279%
32	8.640	955	961	966	rBV	1178781	1816519	10.31%	0.505%
33	8.693	966	970	976	rVB	1184617	1725407	9.79%	0.480%
34	8.793	976	987	990	rBV	2650321	4113773	23.34%	1.145%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4895-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF8

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	990	993	997	rVV	1895765	3228443	18.32%	0.898%
36	8.863	997	999	1007	rVV2	1394279	2249156	12.76%	0.626%
37	9.040	1019	1029	1035	rVB4	177881	424053	2.41%	0.118%
38	9.122	1035	1043	1049	rBV	798100	1379995	7.83%	0.384%
39	9.310	1062	1075	1080	rBV	1544910	2503411	14.21%	0.697%
40	9.369	1080	1085	1093	rVB	2401328	3717661	21.10%	1.034%
41	9.546	1108	1115	1123	rBV2	1589903	2818193	15.99%	0.784%
42	9.687	1132	1139	1140	rBV3	271367	504558	2.86%	0.140%
43	9.722	1140	1145	1158	rVB	1707428	2902361	16.47%	0.808%
44	9.869	1159	1170	1178	rBV3	3968226	7535135	42.76%	2.097%
45	9.946	1178	1183	1188	rBV2	261623	461780	2.62%	0.128%
46	10.081	1200	1206	1216	rVB2	2738568	5711535	32.41%	1.589%
47	10.175	1216	1222	1230	rVB2	251555	441282	2.50%	0.123%
48	10.328	1241	1248	1252	rBV3	170128	359002	2.04%	0.100%
49	10.387	1254	1258	1261	rVV	247879	415526	2.36%	0.116%
50	10.457	1261	1270	1274	rVV2	3534330	6685128	37.94%	1.860%
51	10.510	1274	1279	1287	rVV	8848677	15000233	85.12%	4.174%
52	10.587	1287	1292	1305	rVV2	2620295	5626421	31.93%	1.566%
53	10.687	1305	1309	1318	rVB	249431	394939	2.24%	0.110%
54	10.881	1338	1342	1347	rVV2	273281	446761	2.54%	0.124%
55	11.016	1361	1365	1373	rBV4	149410	338212	1.92%	0.094%
56	11.122	1379	1383	1390	rVV	383203	629071	3.57%	0.175%
57	11.381	1420	1427	1437	rVB	545413	934344	5.30%	0.260%
58	11.569	1453	1459	1465	rBV	478148	802749	4.56%	0.223%
59	11.651	1468	1473	1477	rBV	319367	498114	2.83%	0.139%
60	11.792	1489	1497	1502	rBV	201306	351082	1.99%	0.098%
61	11.851	1502	1507	1512	rBV	349223	512199	2.91%	0.143%
62	12.016	1530	1535	1545	rVB2	479387	833885	4.73%	0.232%
63	12.122	1545	1553	1564	rVB	6841734	10996416	62.40%	3.060%
64	12.345	1578	1591	1602	rBV	4565400	7566247	42.94%	2.105%
65	13.145	1722	1727	1732	rBV	323798	497510	2.82%	0.138%
66	13.228	1736	1741	1750	rVB2	334015	613561	3.48%	0.171%
67	13.345	1756	1761	1773	rVB	394848	903191	5.13%	0.251%
68	13.481	1777	1784	1785	rBV	718059	1112528	6.31%	0.310%
69	13.639	1803	1811	1816	rVV	1299085	2408883	13.67%	0.670%
70	13.692	1816	1820	1822	rVV	965188	1377447	7.82%	0.383%
71	13.728	1822	1826	1831	rVV	5266546	7105340	40.32%	1.977%

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF8

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

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

72	13.775	1831	1834	1840	rVB	331044	441080	2.50%	0.123%
73	13.875	1845	1851	1855	rBV	614445	1027611	5.83%	0.286%
74	14.004	1866	1873	1888	rBV	5350132	8564707	48.60%	2.383%
75	14.316	1919	1926	1932	rBV2	4949482	7443425	42.24%	2.071%
76	14.381	1932	1937	1940	rBV3	302132	454117	2.58%	0.126%
77	14.510	1954	1959	1971	rVB2	525818	1004524	5.70%	0.280%
78	14.716	1990	1994	1998	rBV2	274043	440740	2.50%	0.123%
79	15.069	2049	2054	2056	rBV	349010	517740	2.94%	0.144%
80	15.310	2087	2095	2101	rBV	7369497	10743900	60.97%	2.989%
81	15.363	2101	2104	2109	rVB2	418530	599634	3.40%	0.167%
82	15.428	2109	2115	2122	rBV	2158943	3113139	17.67%	0.866%
83	16.716	2330	2334	2345	rVB	295704	480835	2.73%	0.134%
84	17.063	2387	2393	2397	rBV2	6005889	8658448	49.13%	2.409%
85	17.104	2397	2400	2404	rVB	571543	734660	4.17%	0.204%
86	17.157	2404	2409	2417	rBV	8927959	13071169	74.17%	3.637%
87	17.463	2453	2461	2467	rVB2	367740	667395	3.79%	0.186%
88	17.974	2544	2548	2559	rVB3	1217175	1823054	10.35%	0.507%
89	19.263	2763	2767	2775	rBV	483029	765872	4.35%	0.213%
90	19.457	2794	2800	2811	rBV	12126878	17113246	97.11%	4.762%
91	20.986	3057	3060	3067	rBV	977679	1348034	7.65%	0.375%
92	21.257	3101	3106	3114	rVB	8256787	10604213	60.17%	2.951%
93	22.327	3285	3288	3294	rVB2	282166	345951	1.96%	0.096%
94	22.833	3370	3374	3381	rVB	372512	539218	3.06%	0.150%
95	23.333	3451	3459	3466	rBV	9710936	17235686	97.81%	4.796%
96	23.392	3466	3469	3475	rVV	459833	723684	4.11%	0.201%
97	23.468	3475	3482	3495	rVB	5859100	10995770	62.40%	3.060%
98	24.033	3573	3578	3584	rVB	363298	638797	3.62%	0.178%
99	24.768	3698	3703	3711	rVB2	276273	568450	3.23%	0.158%
100	25.627	3844	3849	3857	rVB4	184093	410124	2.33%	0.114%

Sum of corrected areas: 359395659

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Misc :
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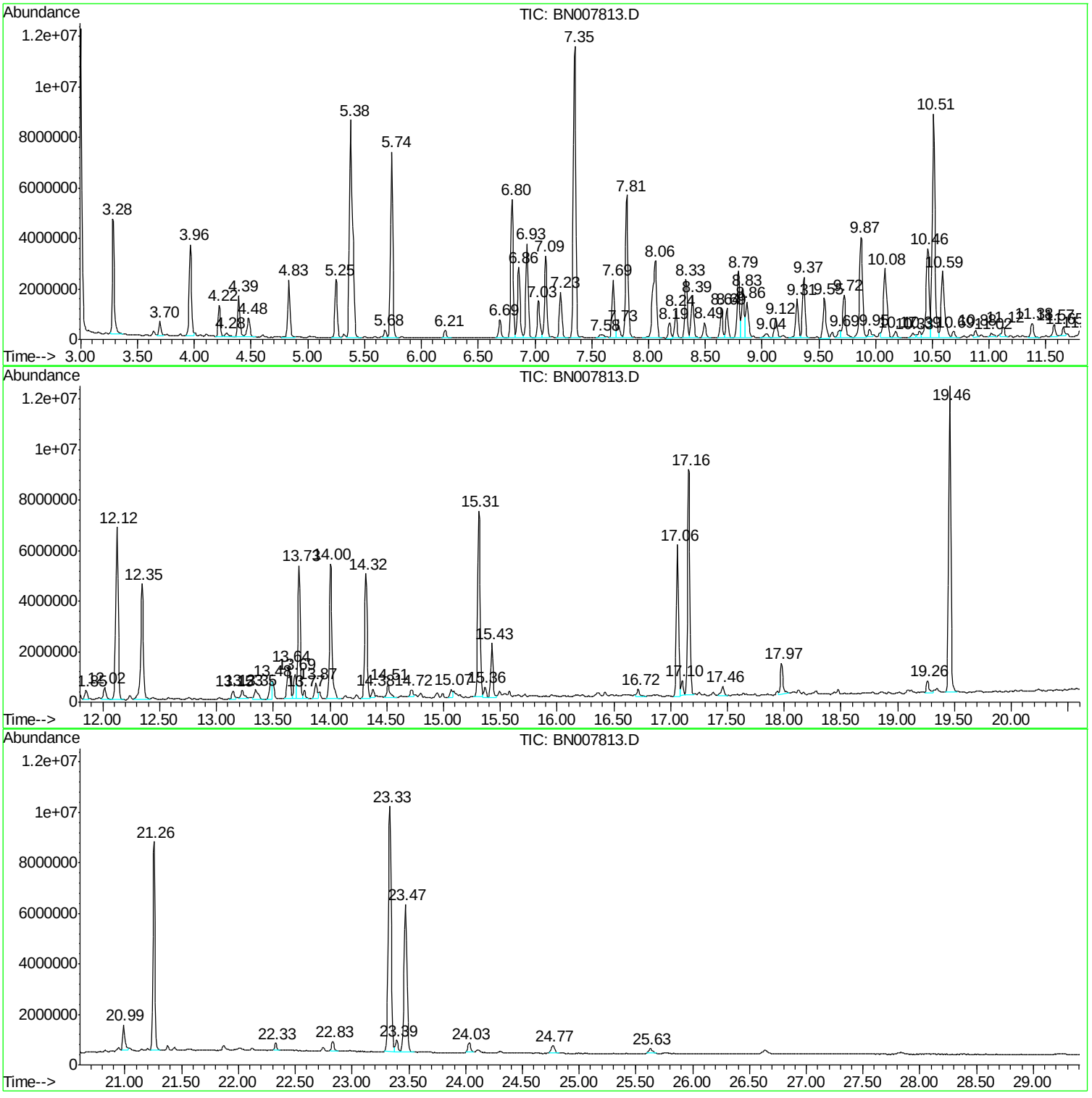
Instrument : BNA_N
ClientSampleId : BFDF8

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

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Quant Title : SVOA CALIBRATION

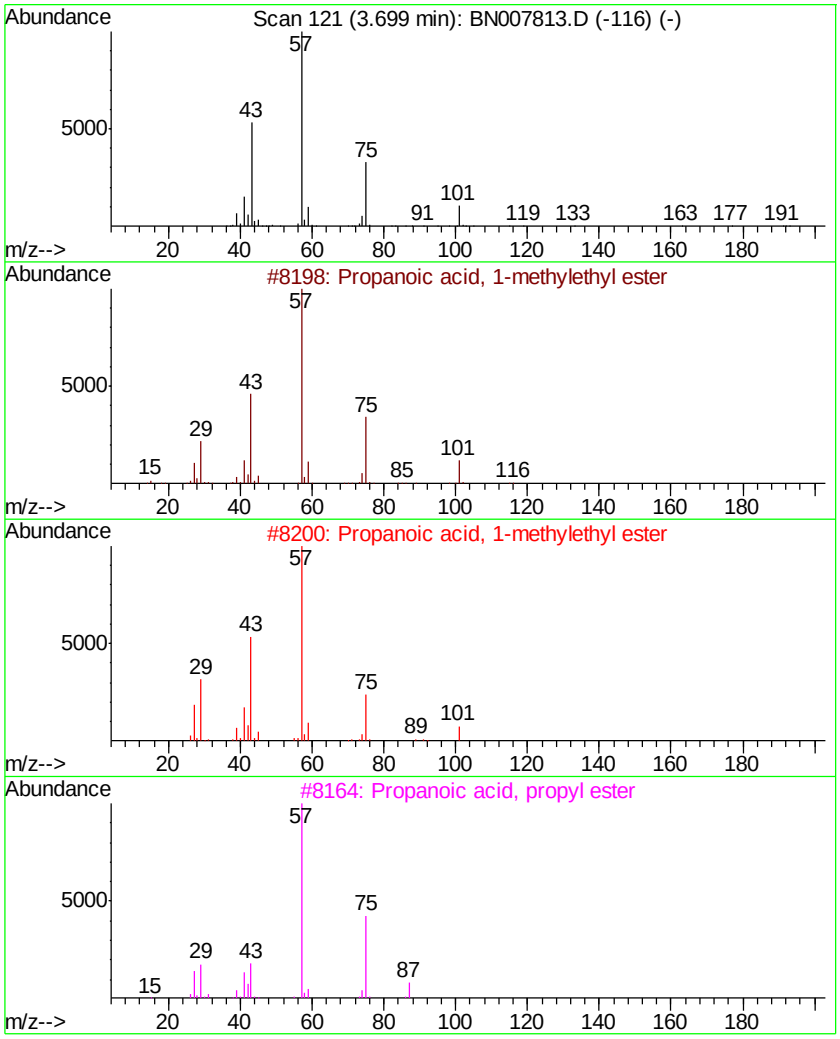
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

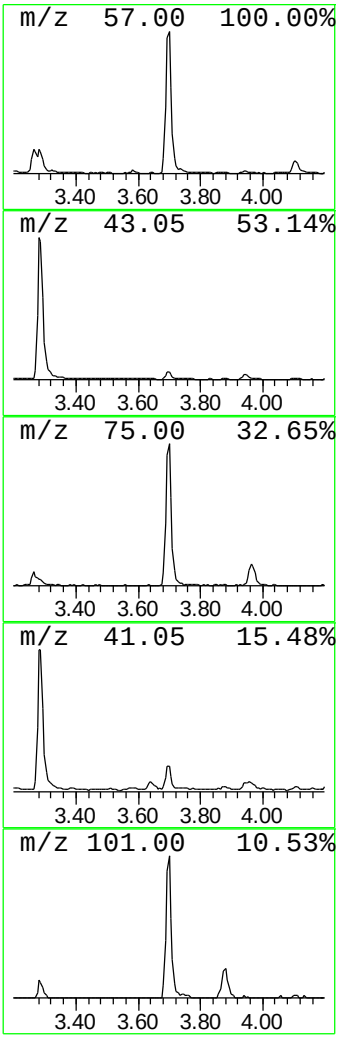
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	4.17 ng/ul	758748	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	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	53
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	40





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF8

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

TIC Library : C:\DATABASE\NIST11.L
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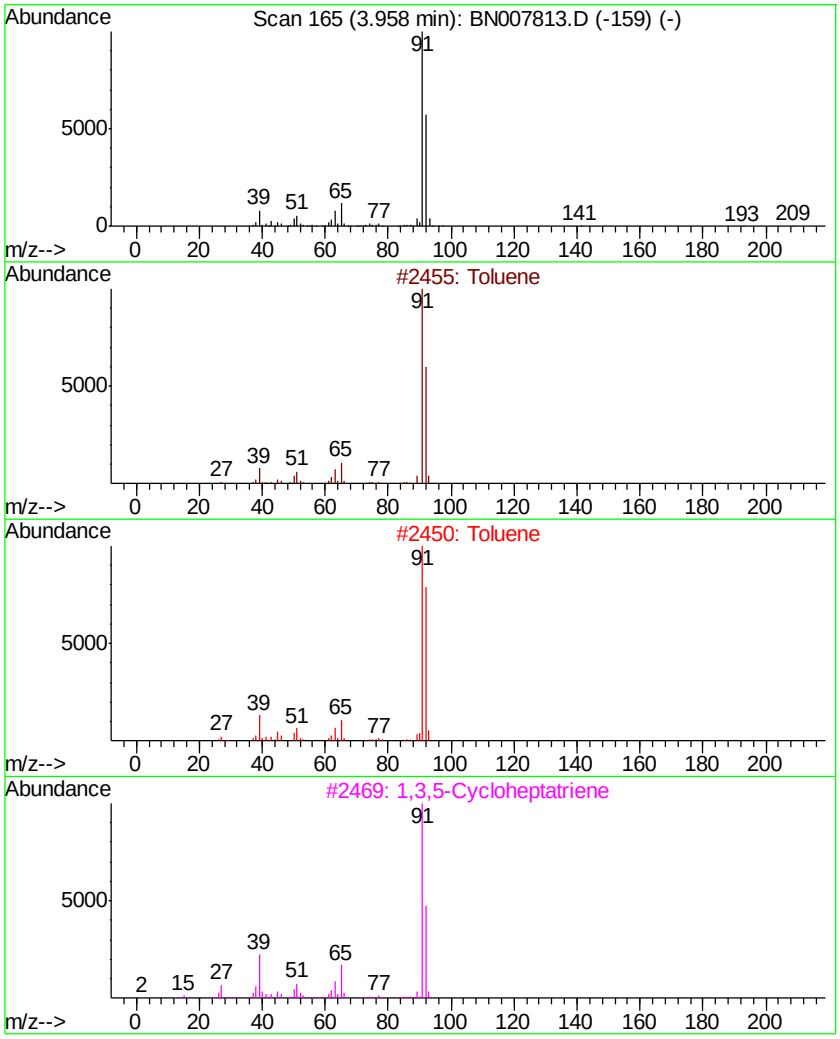
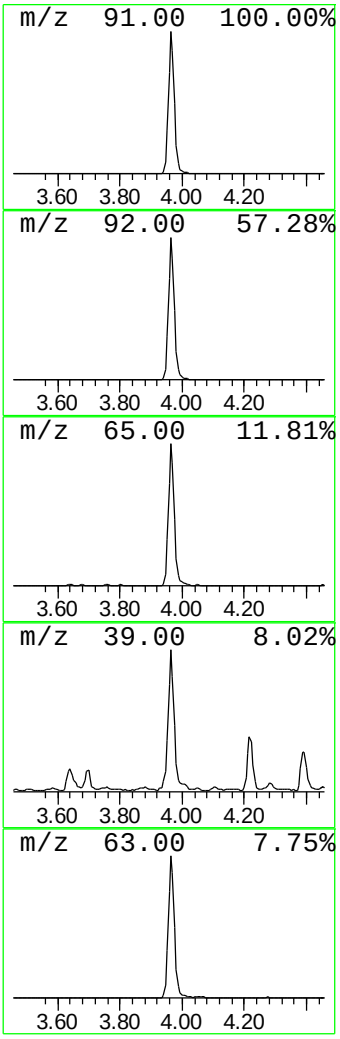
****

Peak Number 2 Toluene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	27.89 ng/ul	5077500	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	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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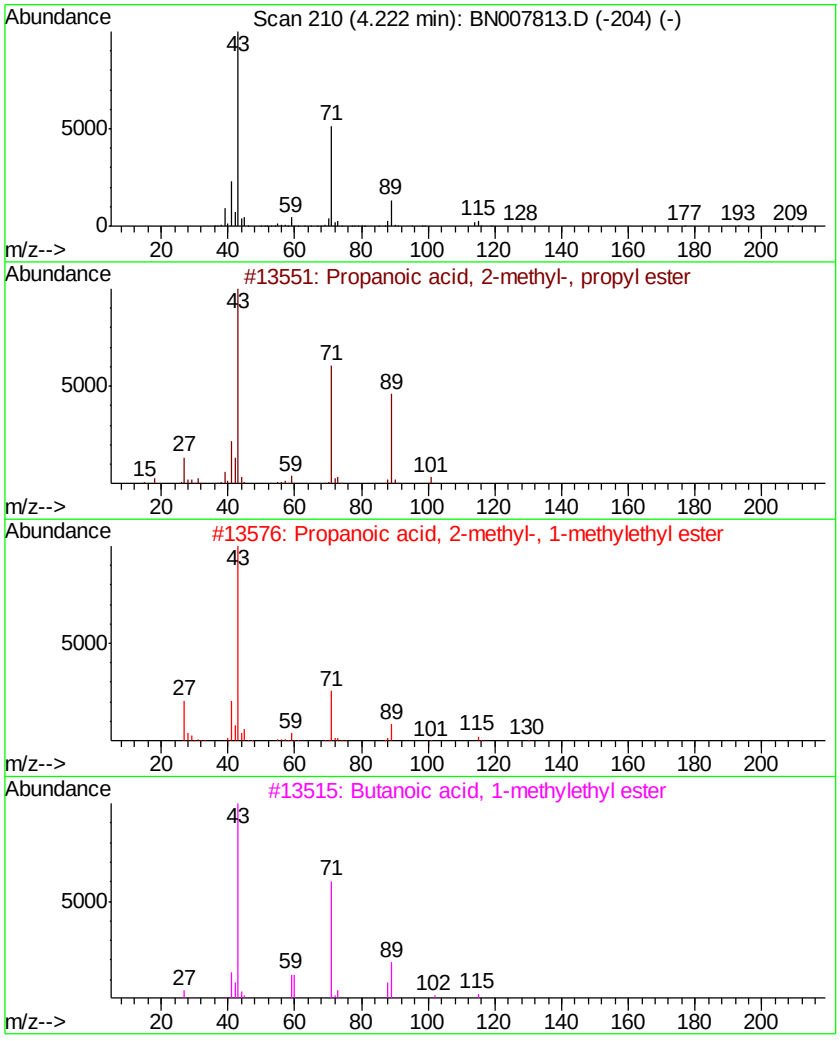
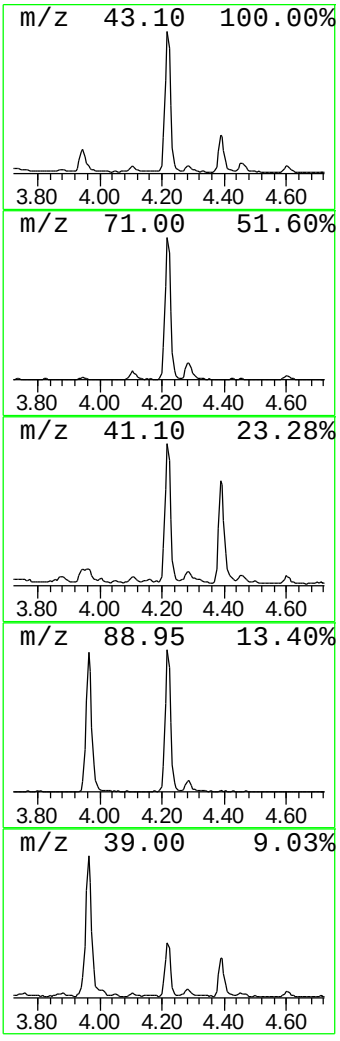
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	8.66 ng/ul	1576520	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	50
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	45
4	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	40
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	40





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : BFDF8

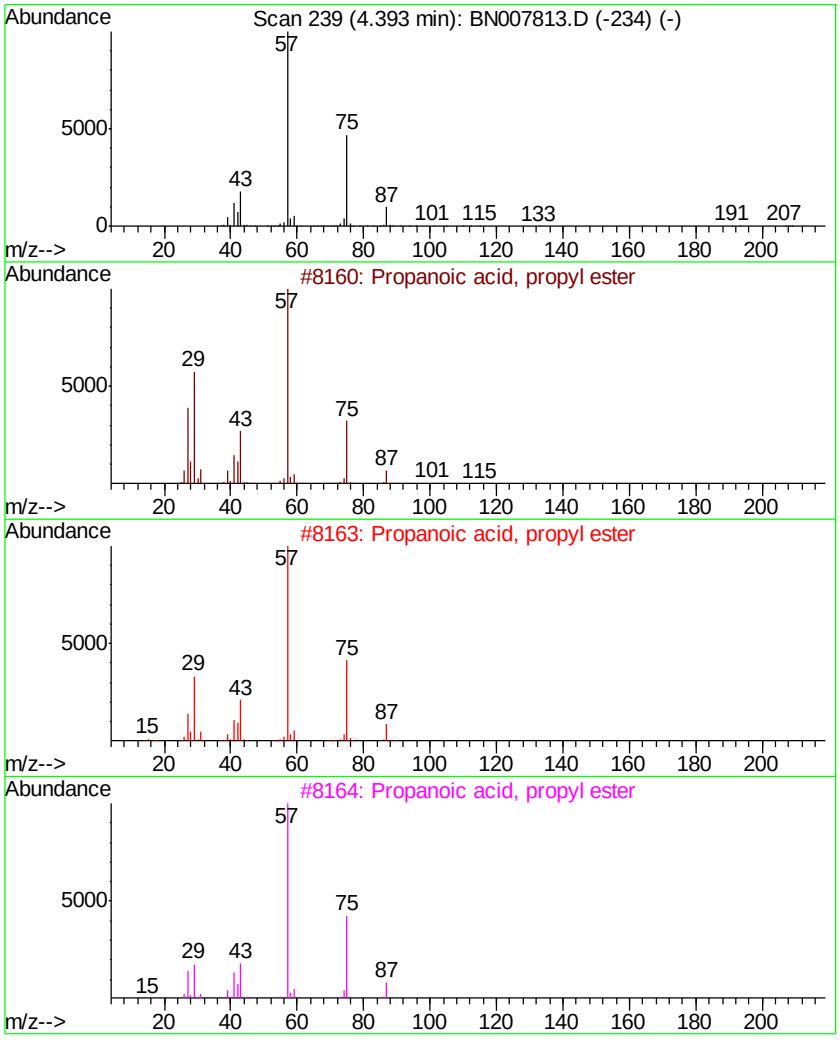
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

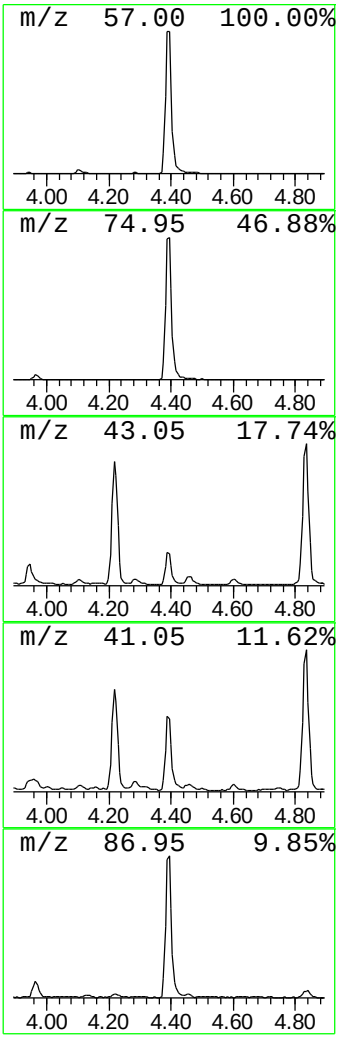
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	12.46 ng/ul	2268320	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	33





Library Search Compound Report

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Sample : K4895-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF8

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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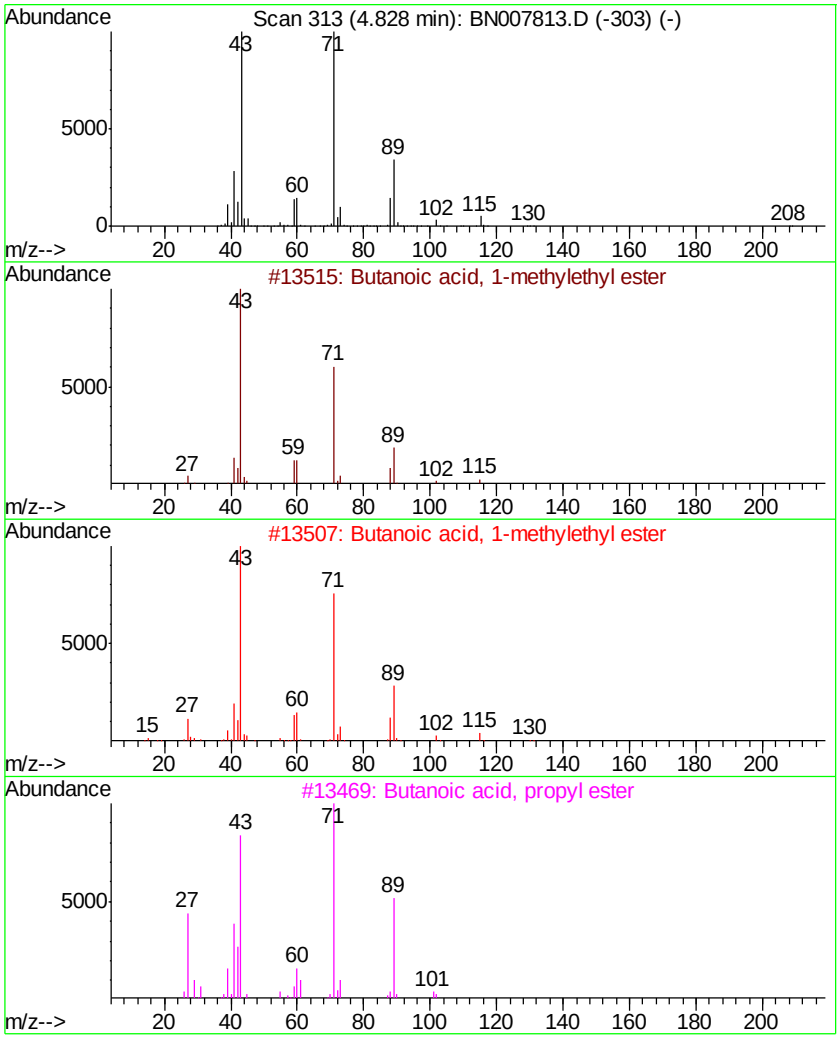
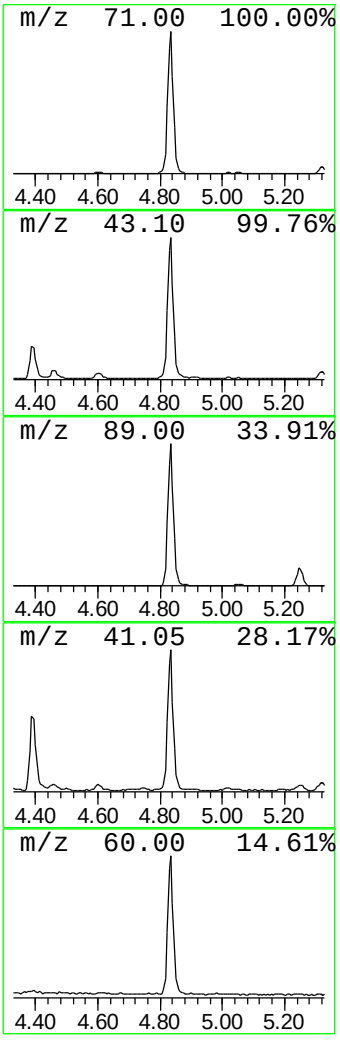
Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	16.71 ng/ul	3042190	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	83
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	68
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
5	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	64





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Operator : HP/JU
Sample : K4895-04
Misc :
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Instrument : BNA_N
ClientSampleId : BFDF8

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Quant Title : SVOA CALIBRATION

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

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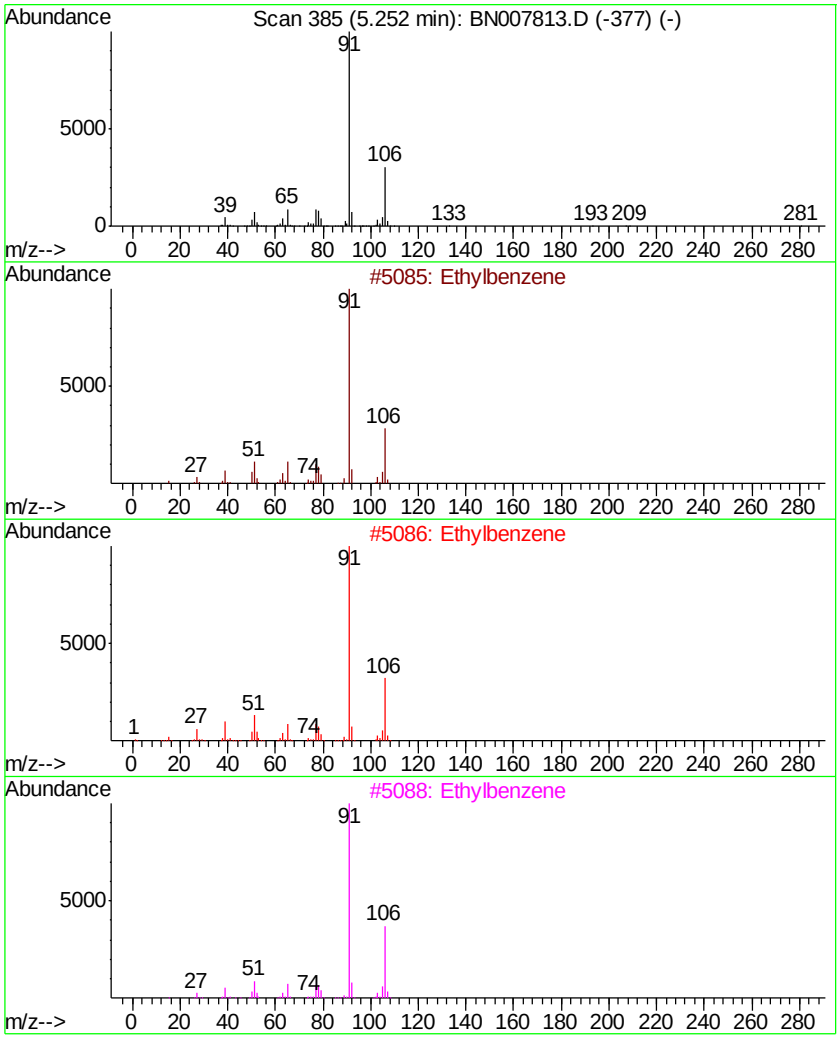
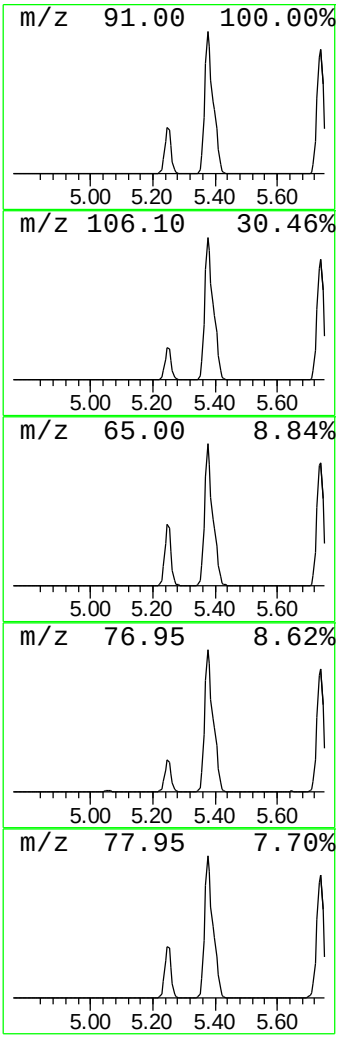
Peak Number 7 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	18.12 ng/ul	3298140	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	81
5	o-Xylene	106	C8H10	000095-47-6	72





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Quant Title : SVOA CALIBRATION

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

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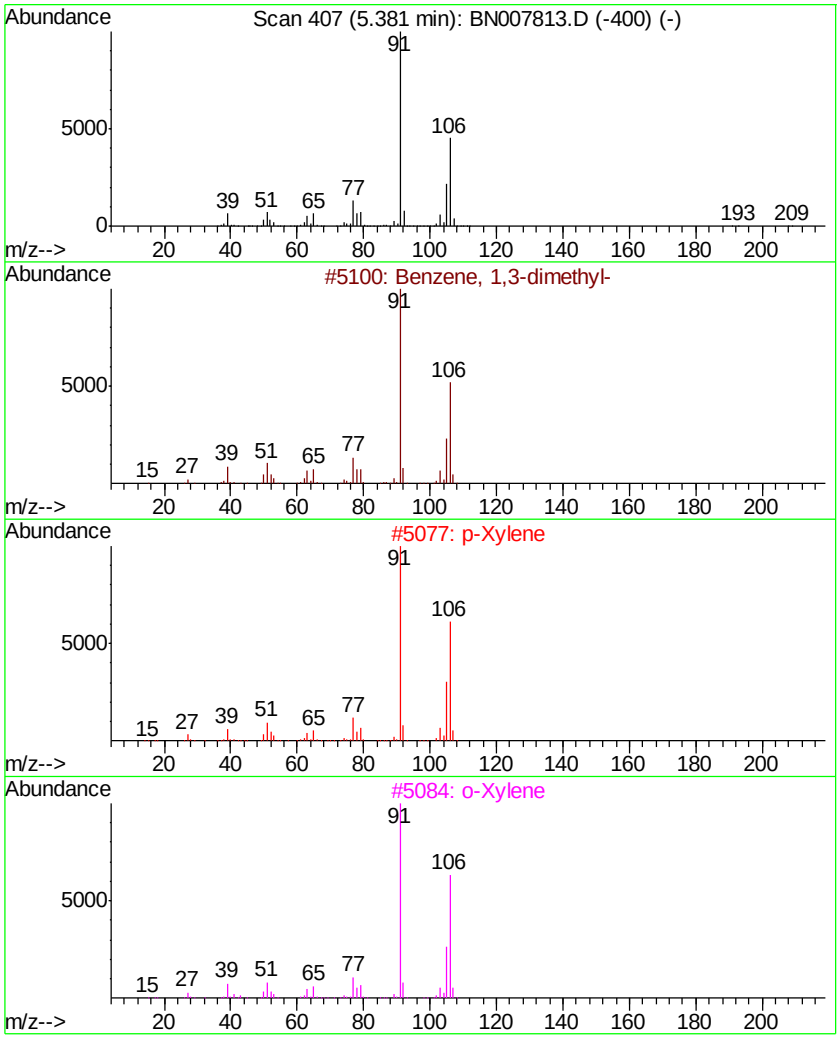
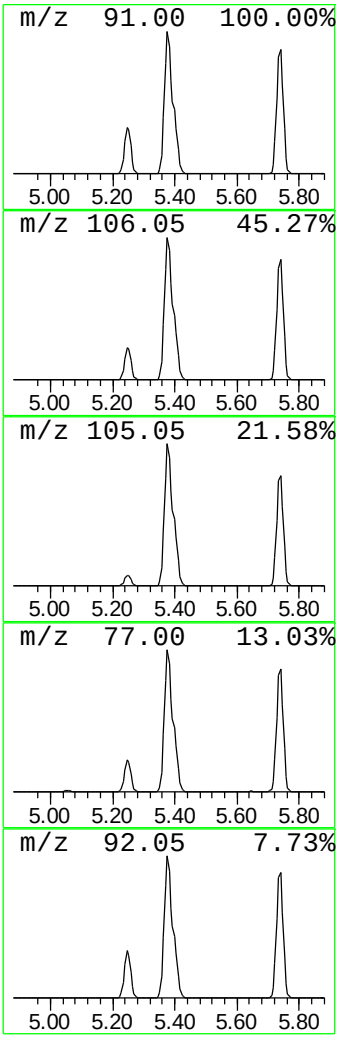
Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	90.81 ng/ul	16531900	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	97
3	o-Xylene	106	C8H10	000095-47-6	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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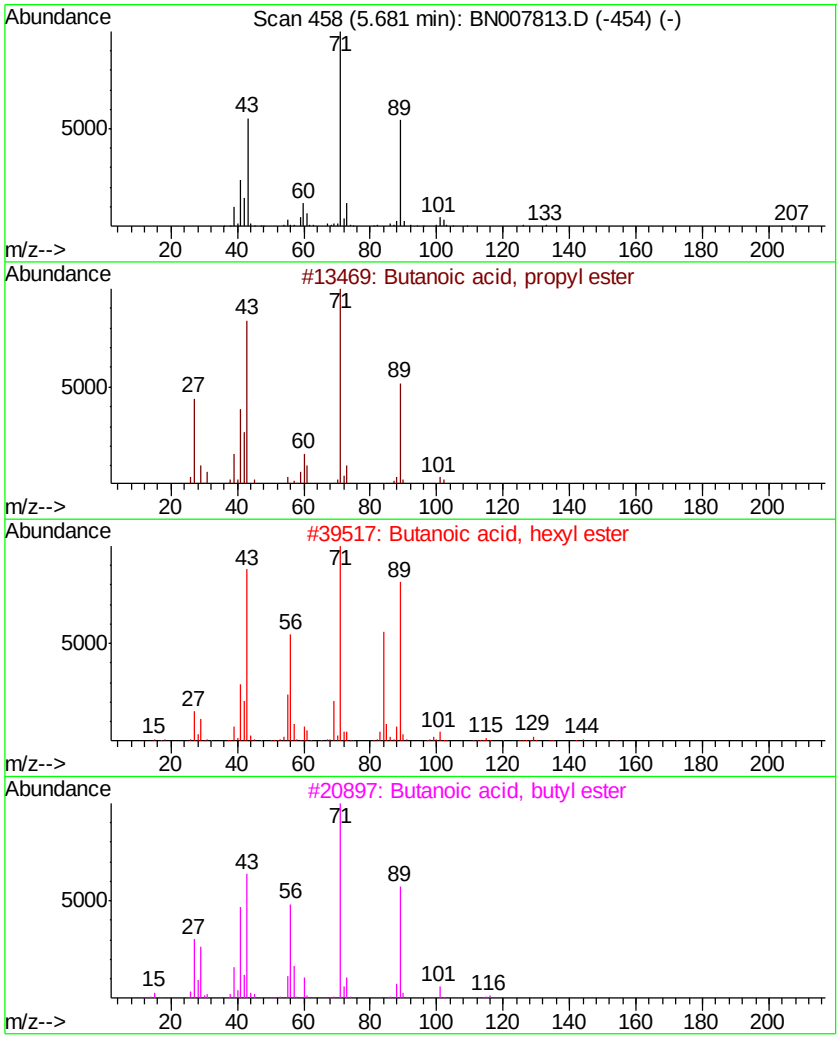
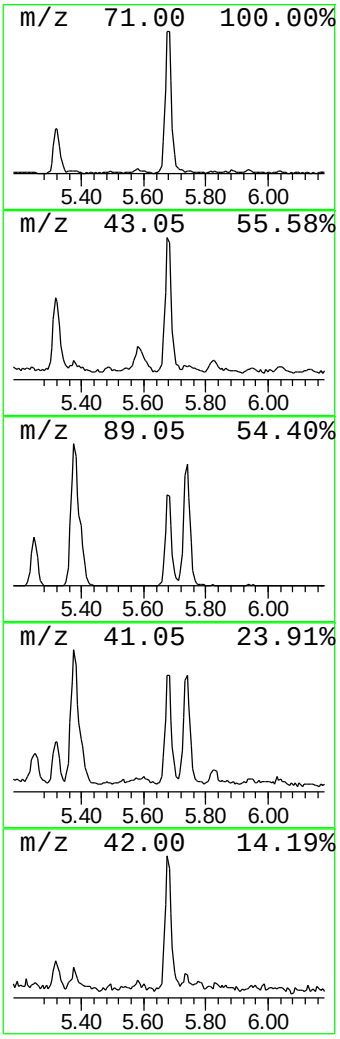
Peak Number 9 Butanoic acid, propyl ester Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	2.46 ng/ul	447590	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	83
2	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	78
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
4	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	64
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64





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ClientSampleId : BFDF8

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Quant Title : SVOA CALIBRATION

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

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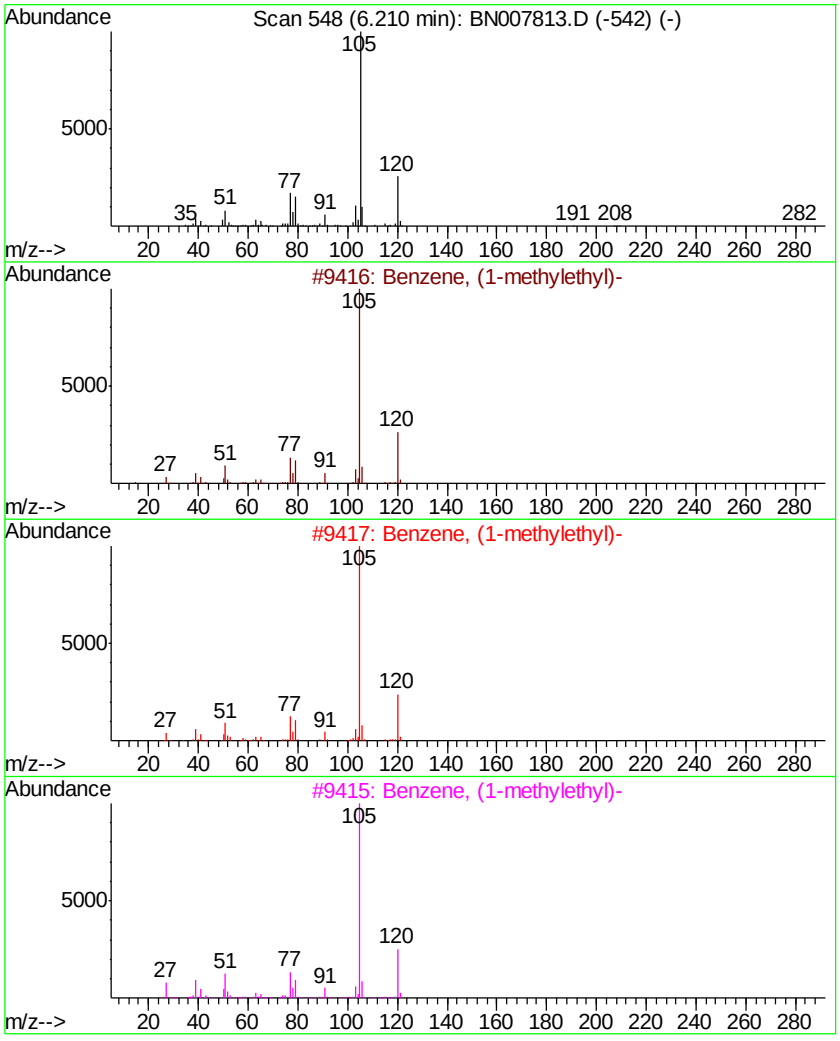
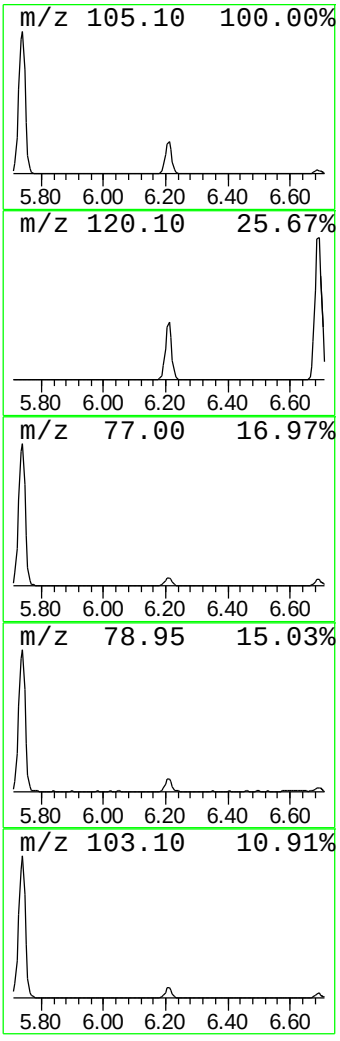
Peak Number 11 Benzene, (1-methylethyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	2.60 ng/ul	472984	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





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Quant Title : SVOA CALIBRATION

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

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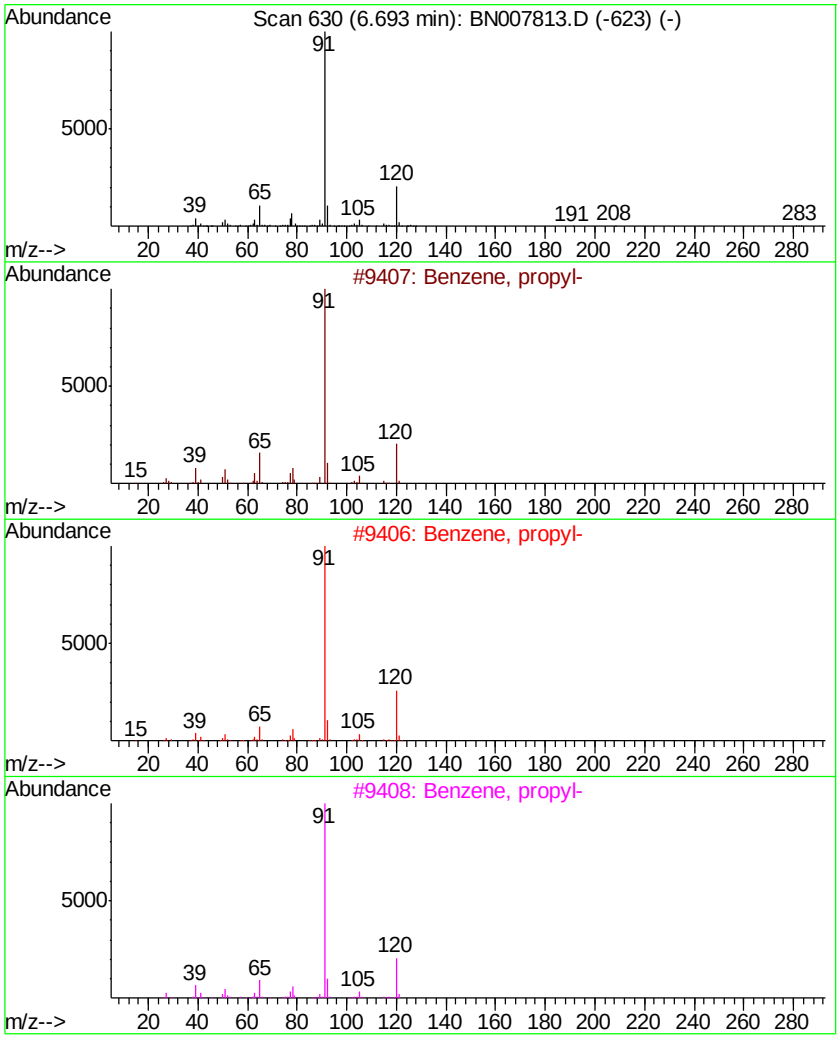
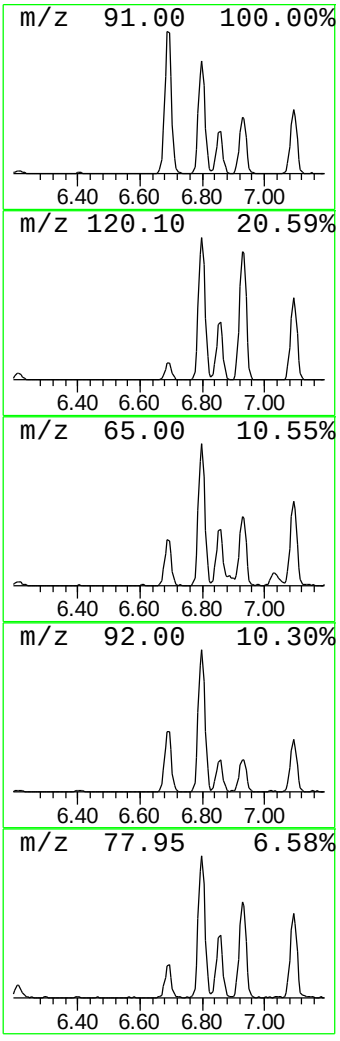
Peak Number 12 Benzene, propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	6.28 ng/ul	1142540	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





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

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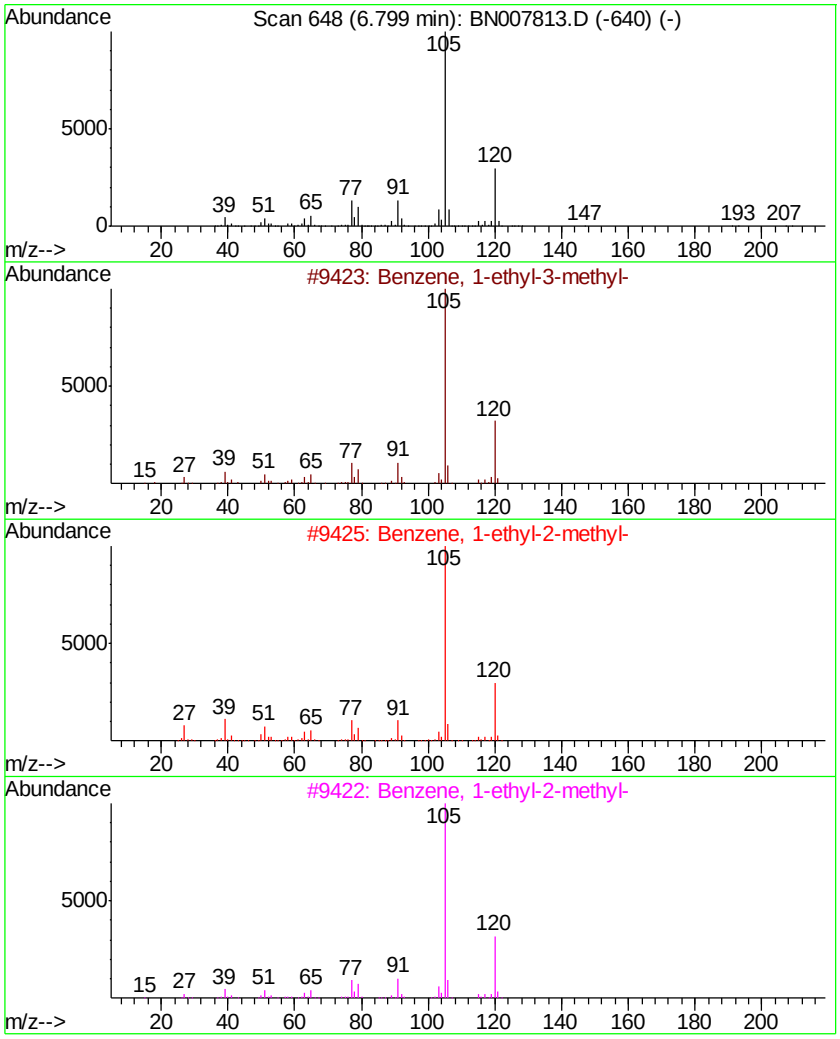
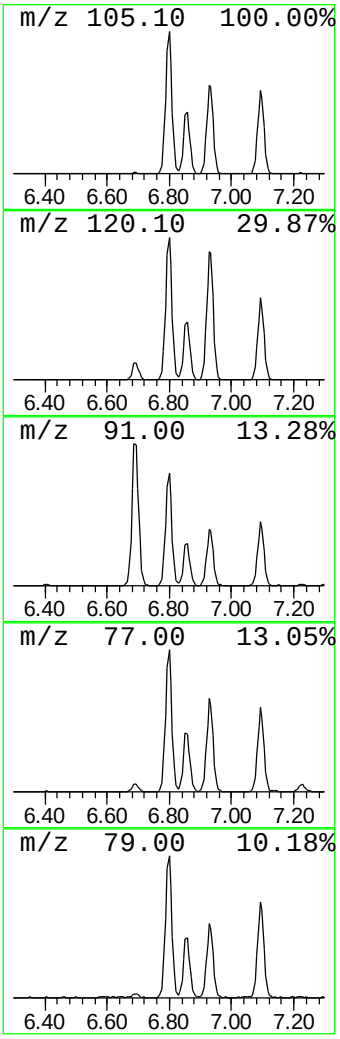
Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	44.11 ng/ul	8029420	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	Mesitylene	120	C9H12	000108-67-8	91





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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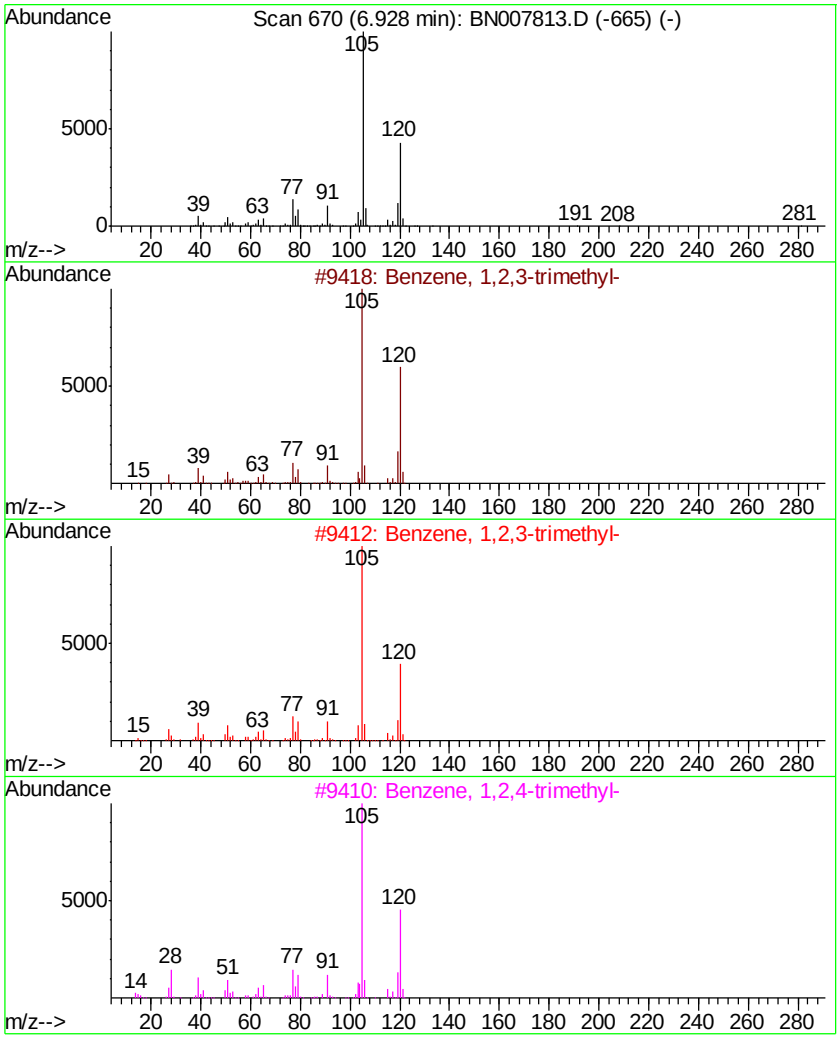
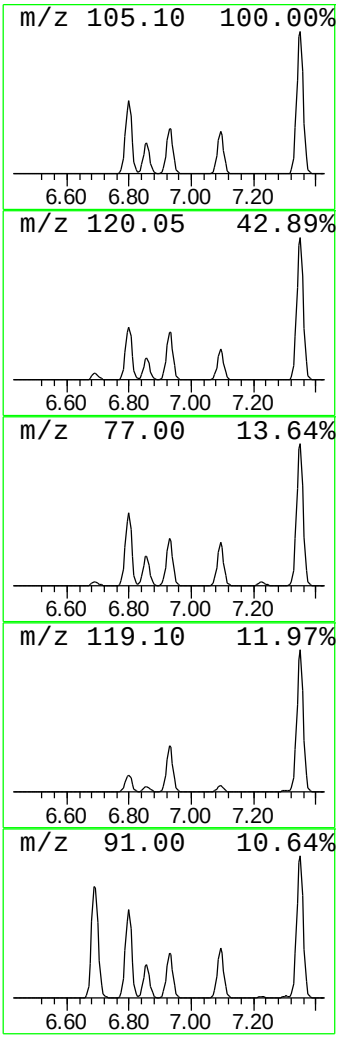
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	31.35 ng/ul	5706300	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, 1,2,3-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, 1,2,3-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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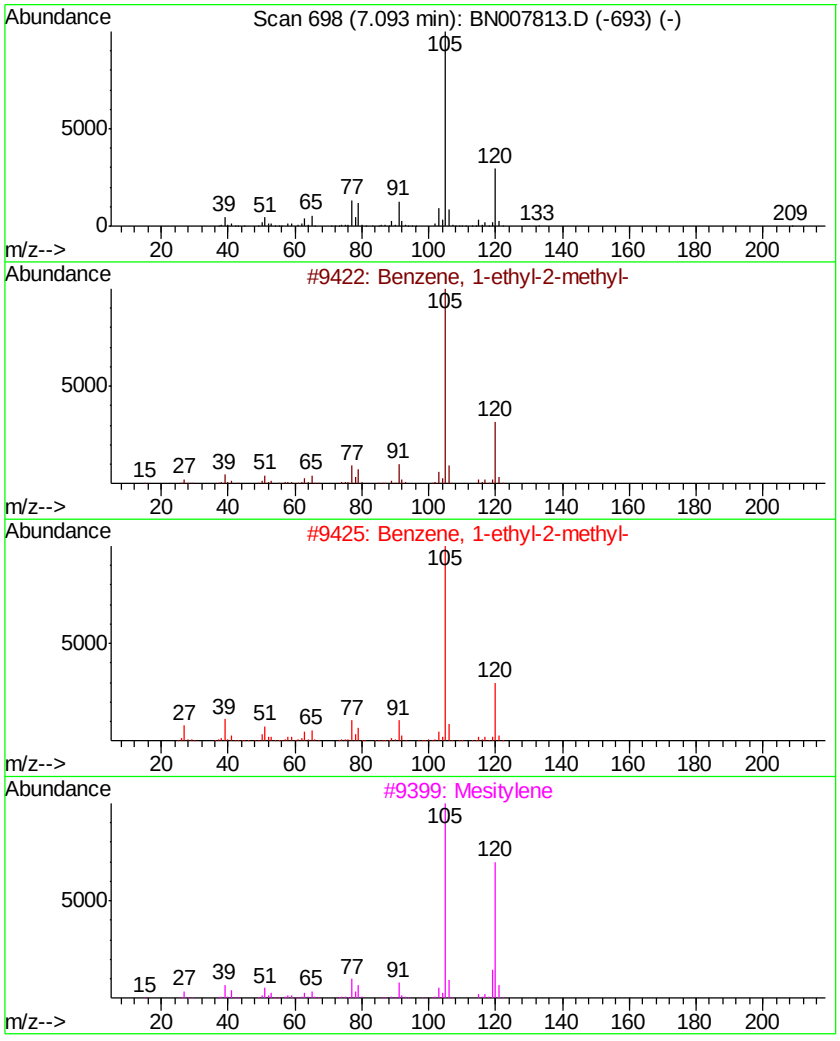
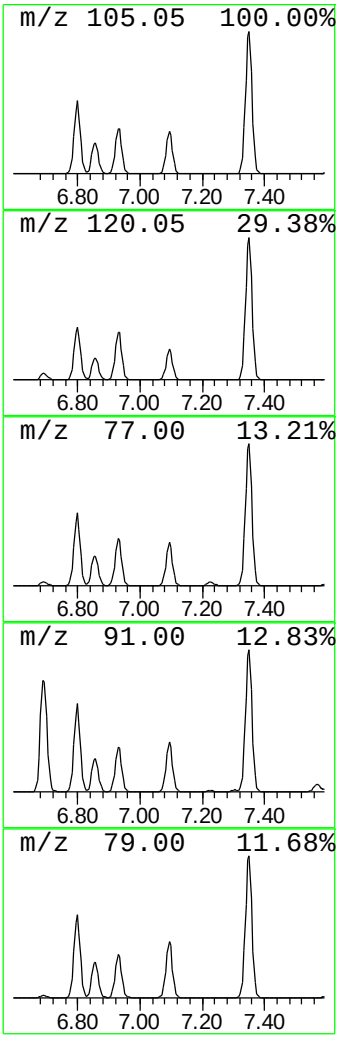
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	26.87 ng/ul	4891350	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	Mesitylene	120	C9H12	000108-67-8	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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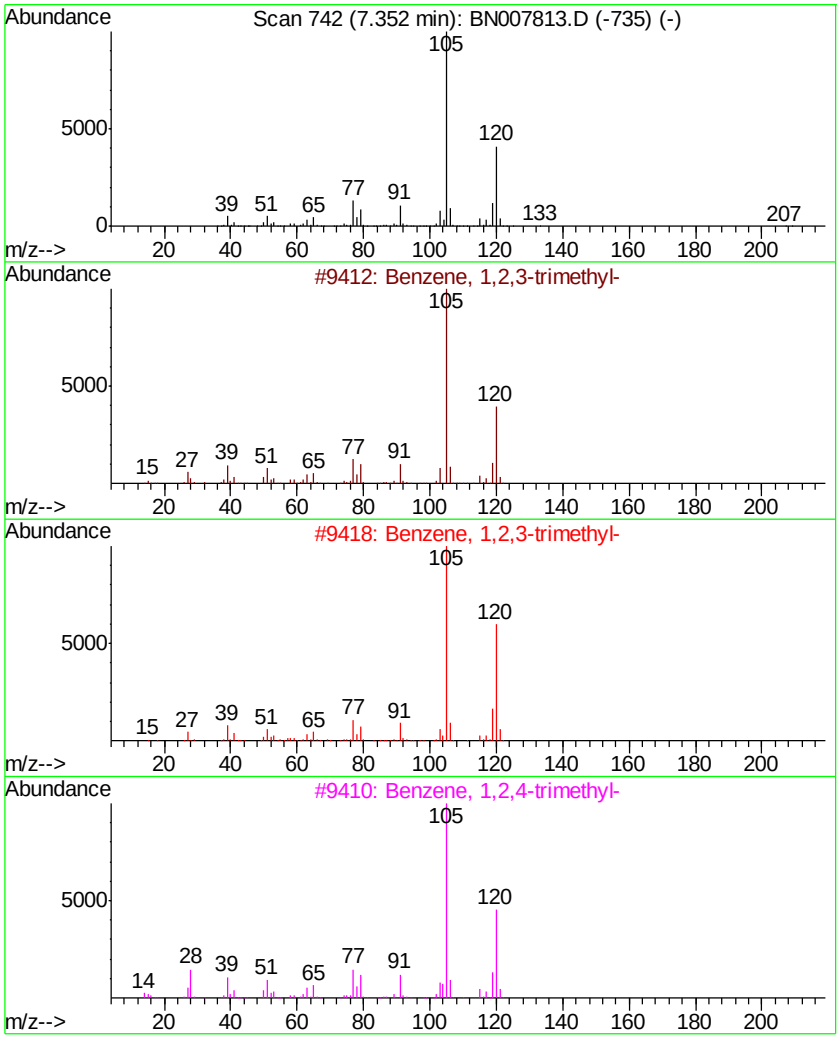
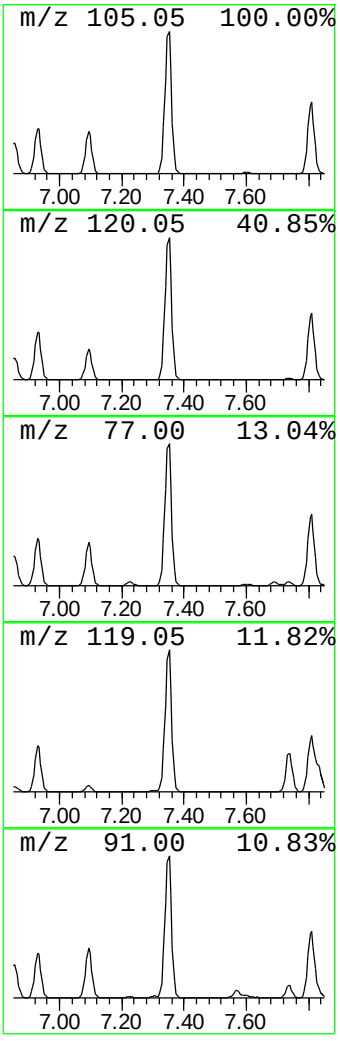
Peak Number 16 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	96.80 ng/ul	17622400	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
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 18 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	49.21 ng/ul	8958560	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
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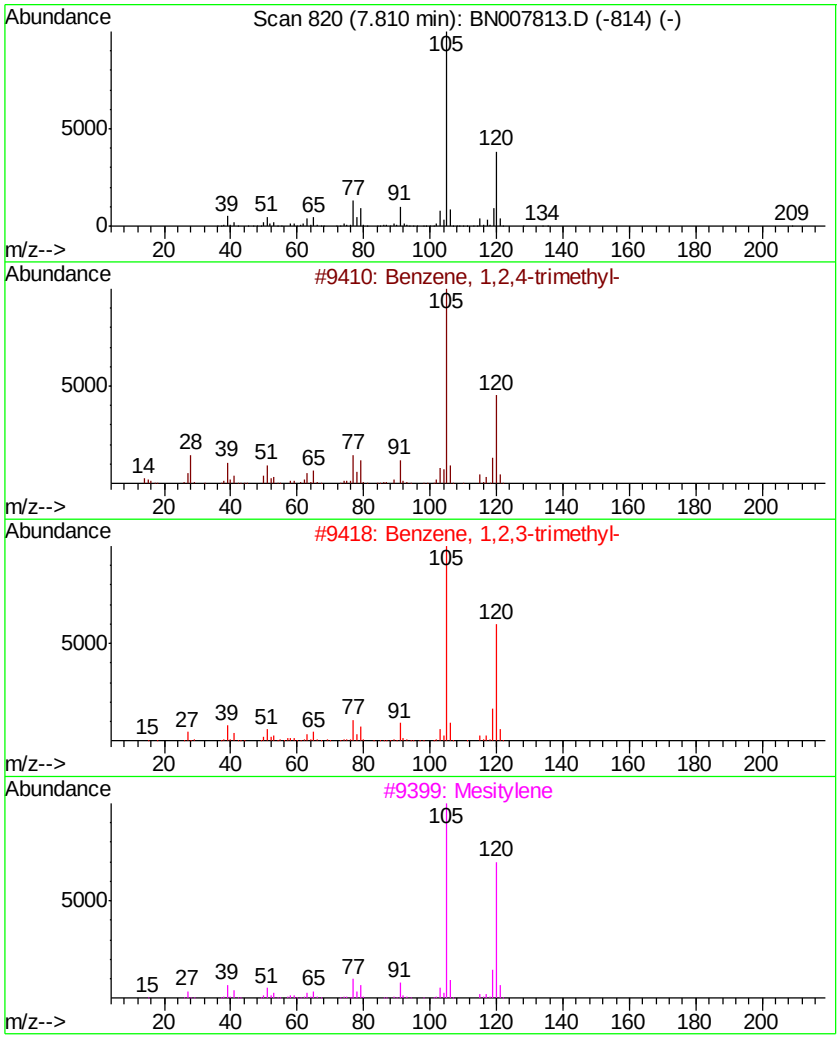
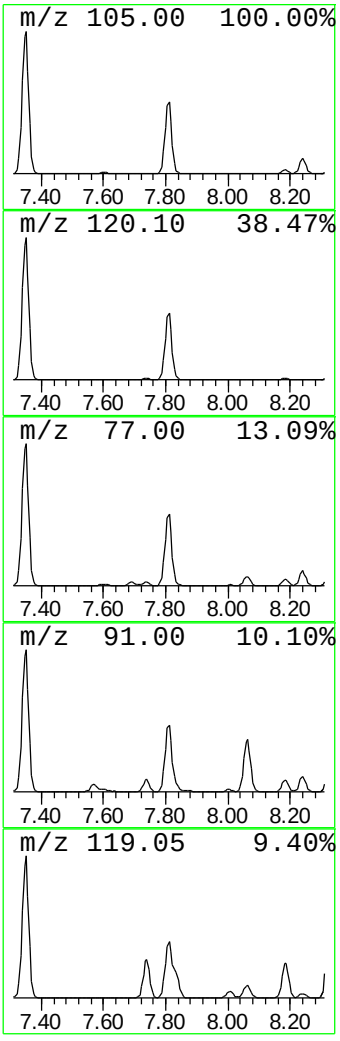
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Quant Title : SVOA CALIBRATION

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

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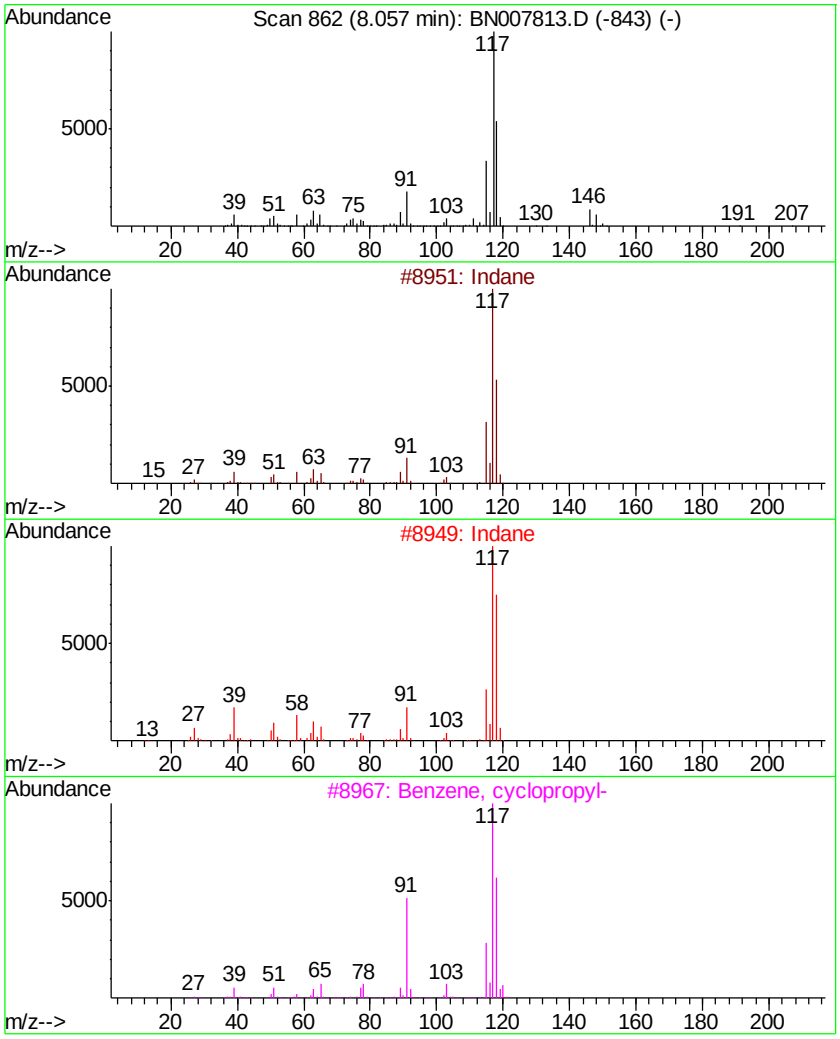
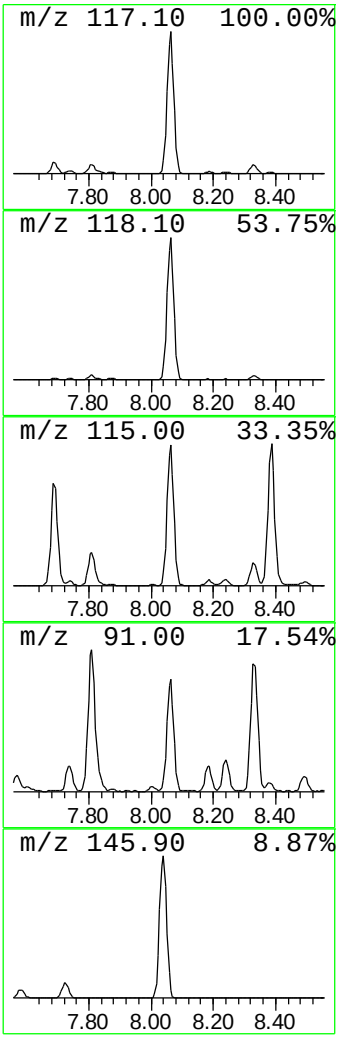
Peak Number 19 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	41.91 ng/ul	7629760	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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Quant Title : SVOA CALIBRATION

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

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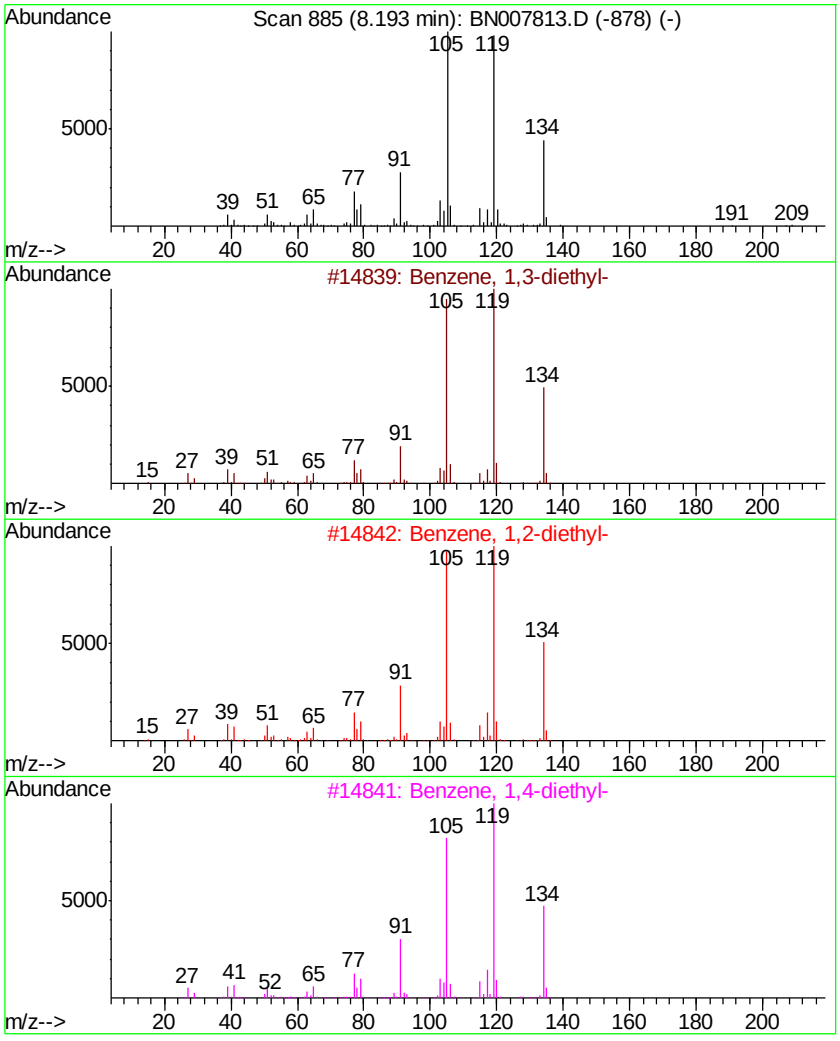
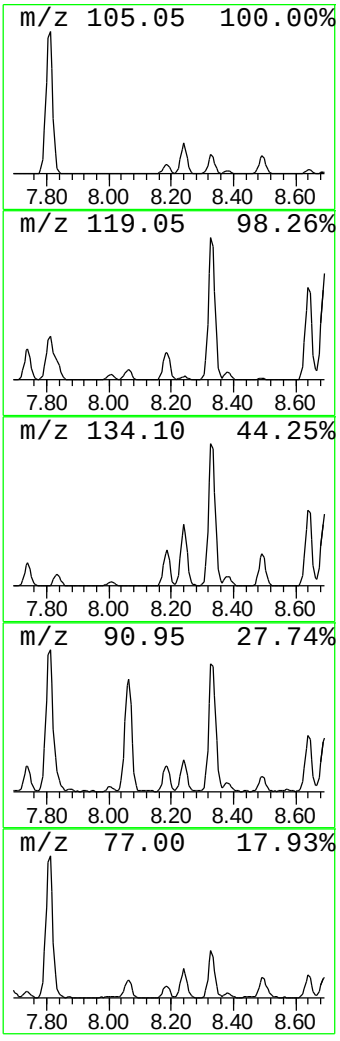
Peak Number 20 Benzene, 1,3-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.08 ng/ul	924621	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





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Acq On : 23 Sep 2019 22:05
Operator : HP/JU
Sample : K4895-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF8

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Quant Title : SVOA CALIBRATION

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

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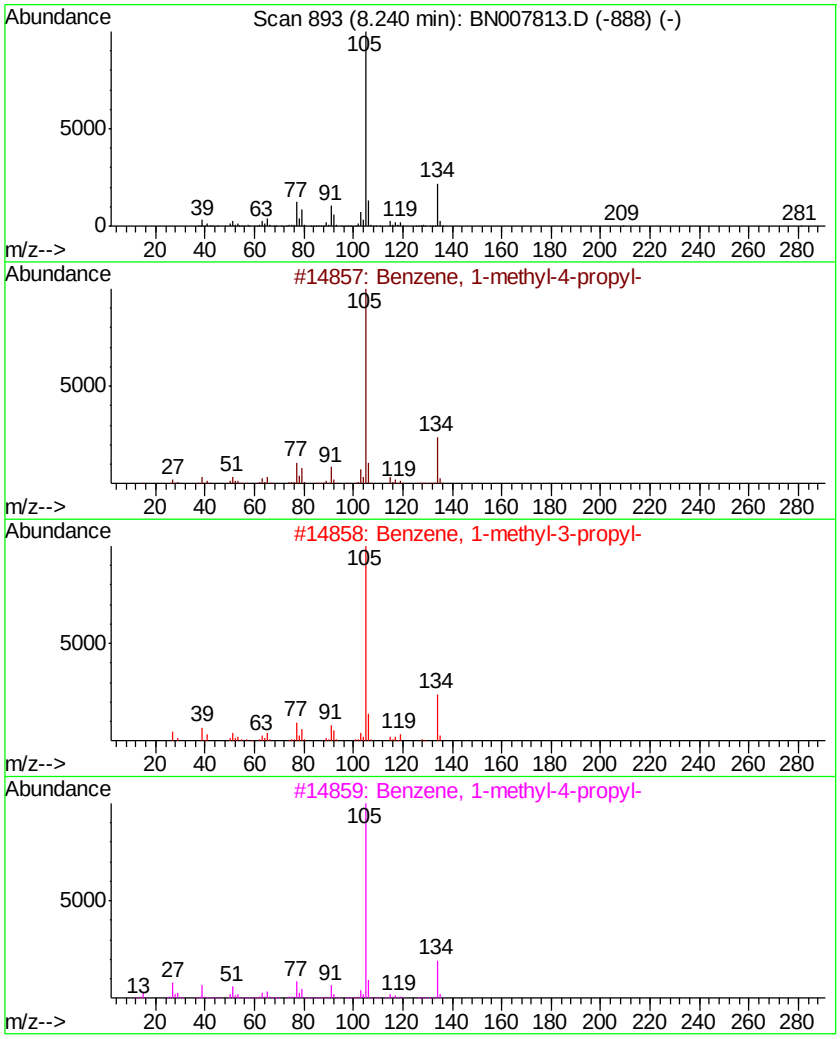
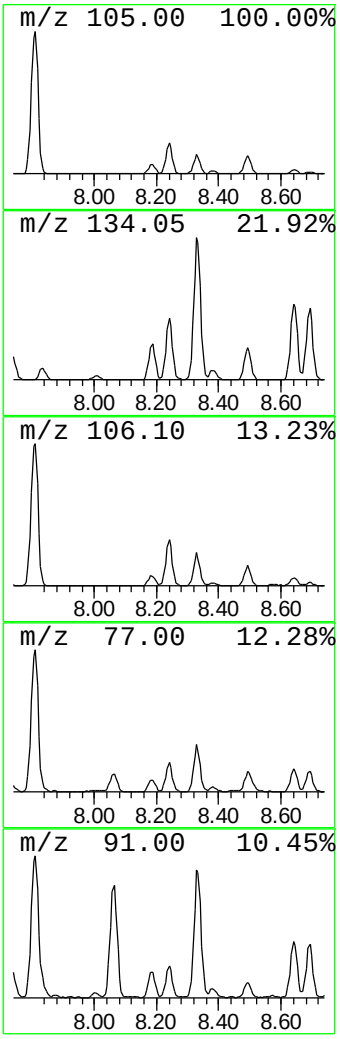
Peak Number 21 Benzene, 1-methyl-4-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	8.53 ng/ul	1551940	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





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ClientSampleId : BFDF8

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Quant Title : SVOA CALIBRATION

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

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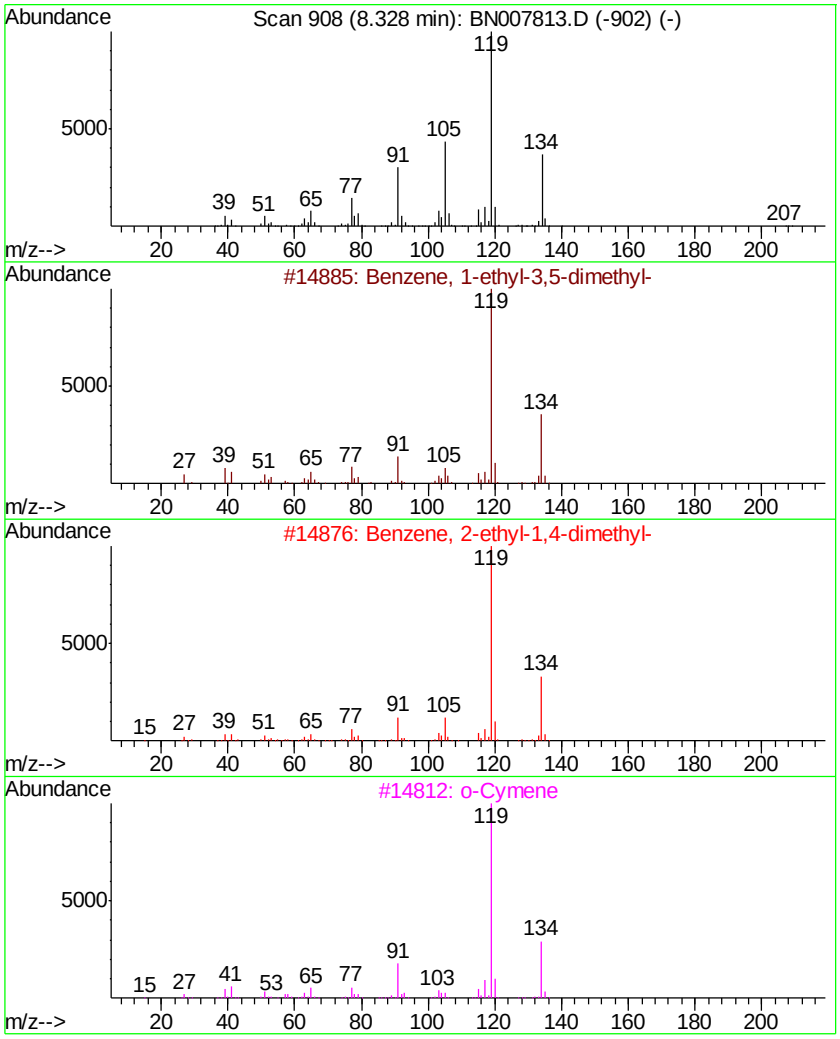
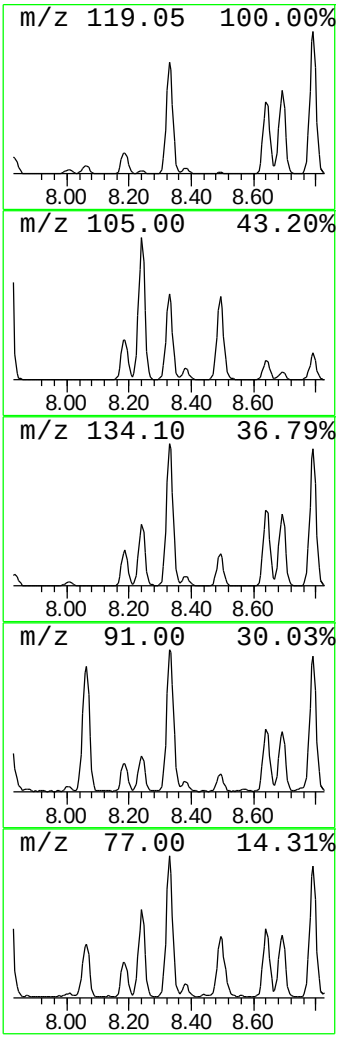
Peak Number 22 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	19.21 ng/ul	3496390	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Quant Title : SVOA CALIBRATION

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

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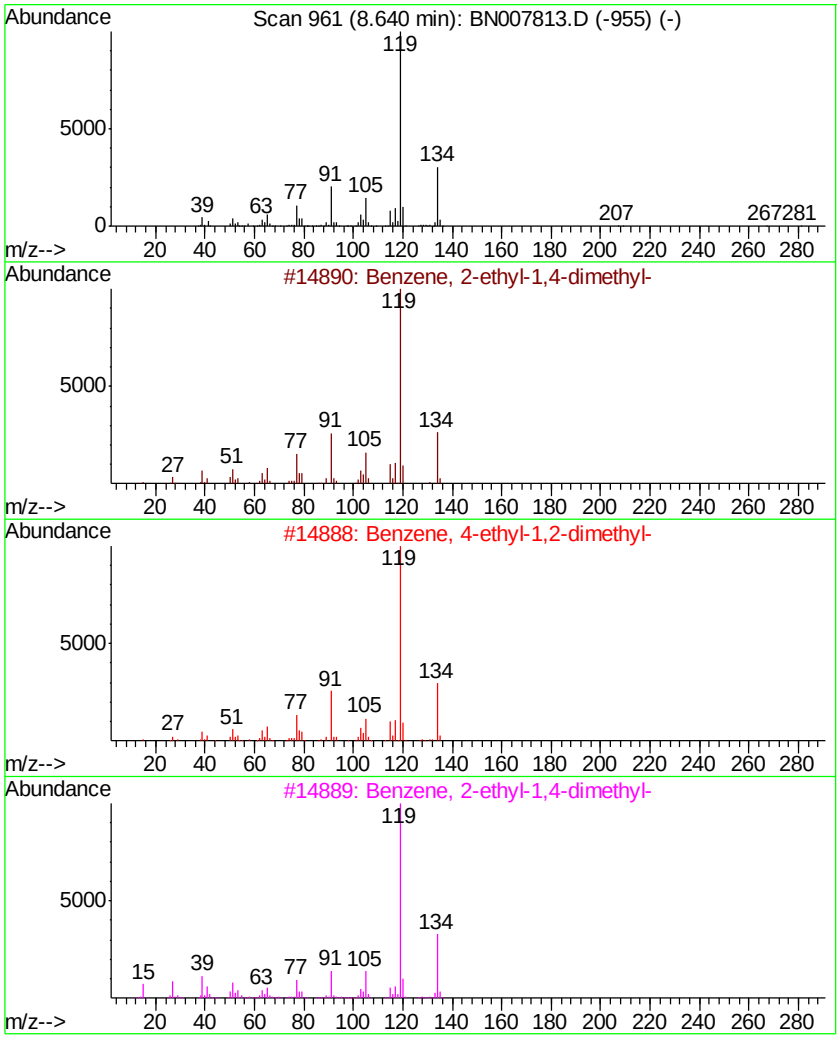
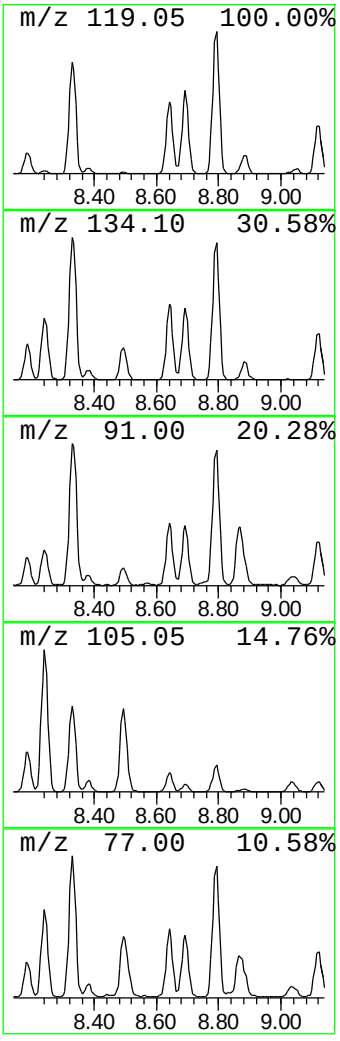
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	9.98 ng/ul	1816520	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	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	p-Cymene	134	C10H14	000099-87-6	95





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ClientSampleId : BFDF8

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Quant Title : SVOA CALIBRATION

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

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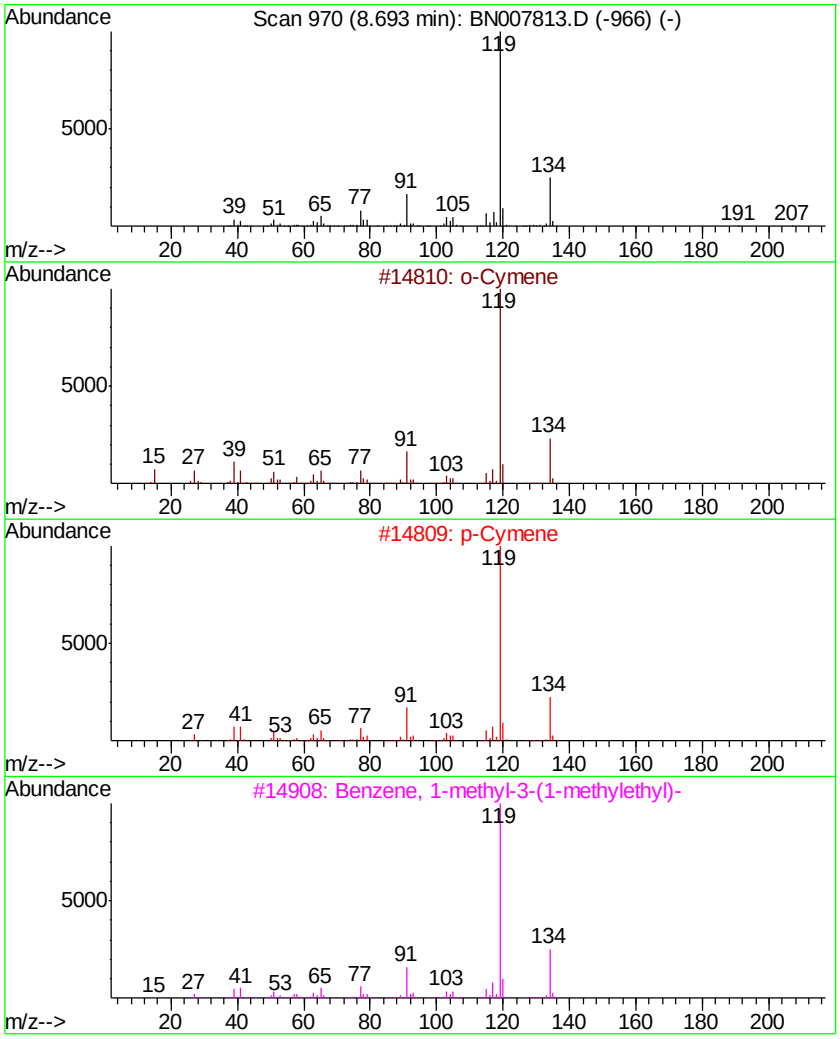
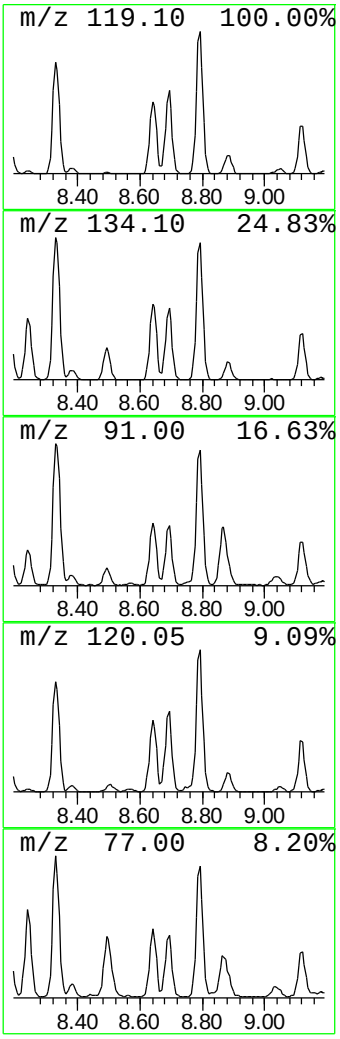
Peak Number 24 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	9.48 ng/ul	1725410	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	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	o-Cymene	134	C10H14	000527-84-4	97





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Instrument : BNA_N
ClientSampleId : BFDF8

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Quant Title : SVOA CALIBRATION

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

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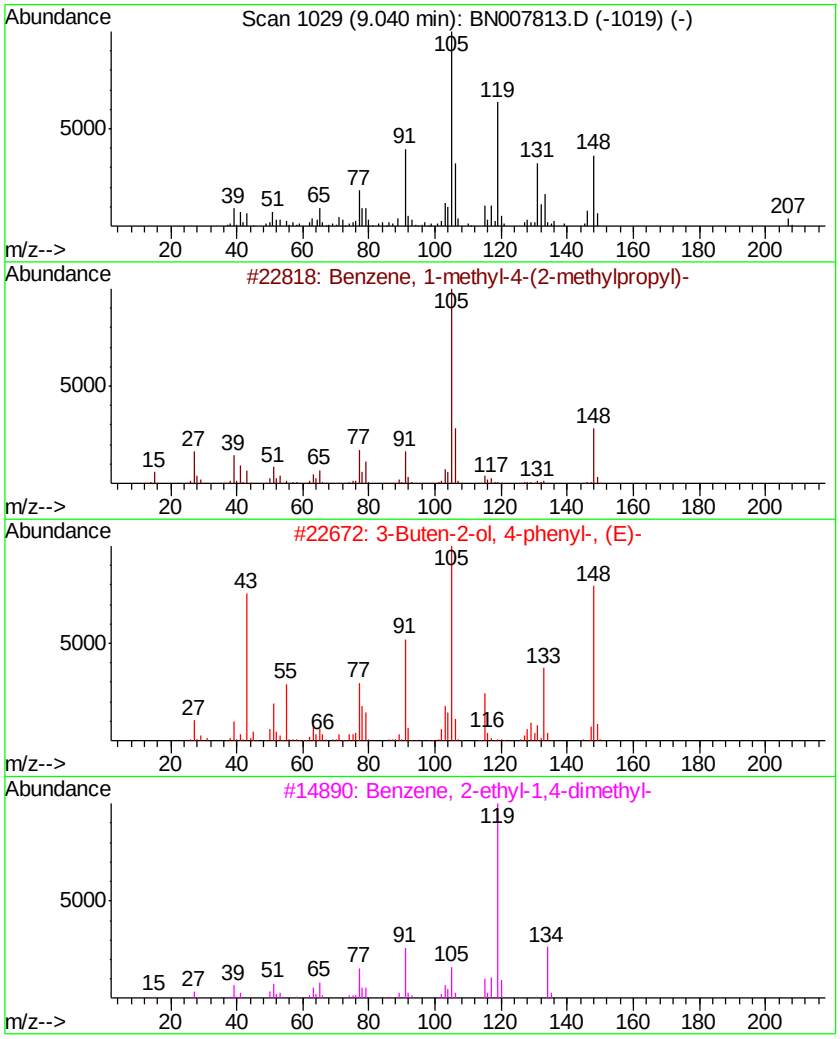
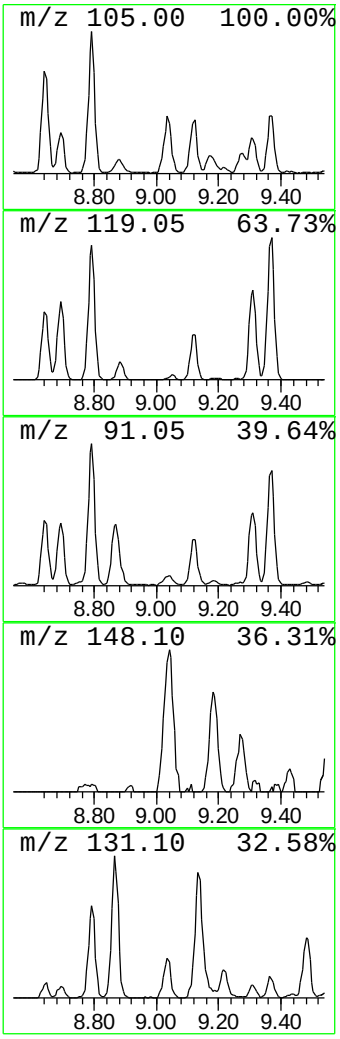
Peak Number 25 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.33 ng/ul	424053	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45
2	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	38
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	35





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Quant Title : SVOA CALIBRATION

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

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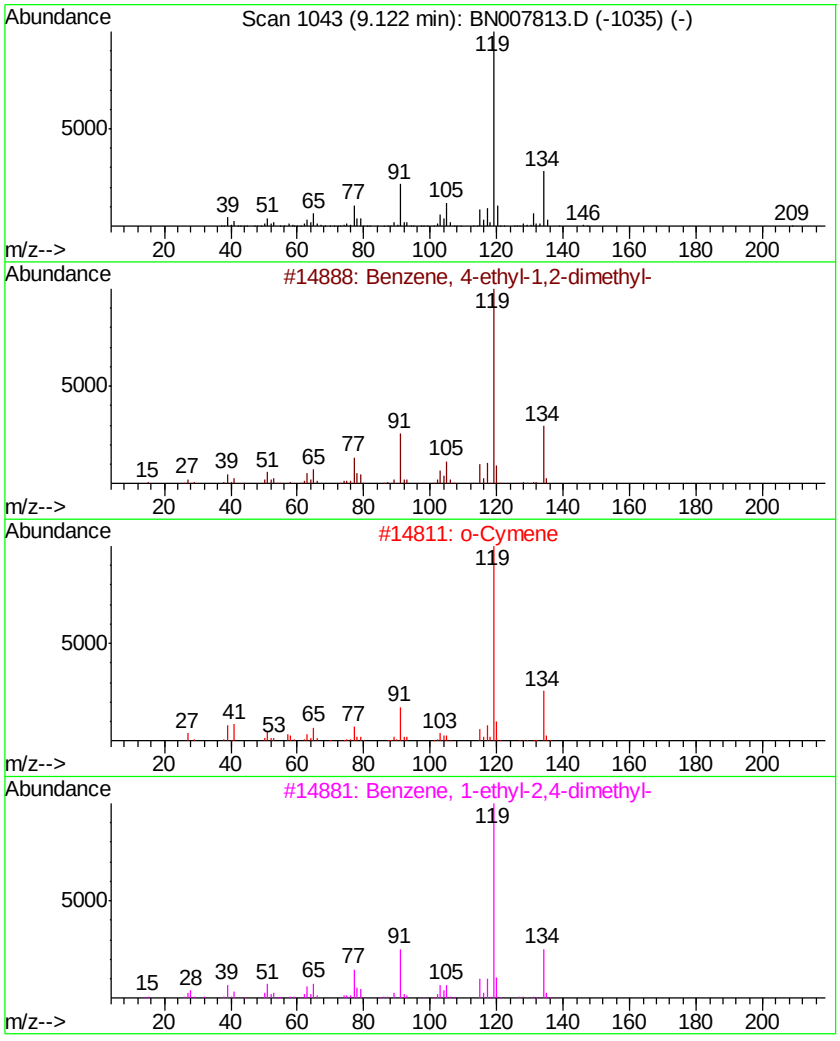
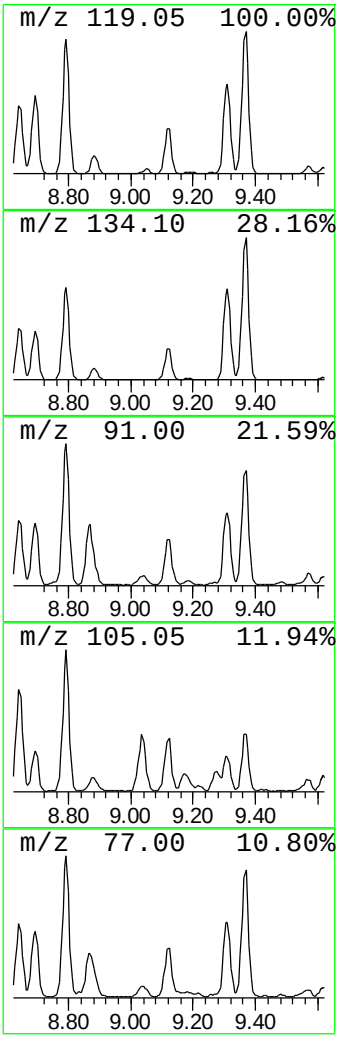
Peak Number 26 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	4.13 ng/ul	1380000	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Sample : K4895-04
Misc :
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Instrument : BNA_N
ClientSampleId : BFDF8

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Quant Title : SVOA CALIBRATION

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

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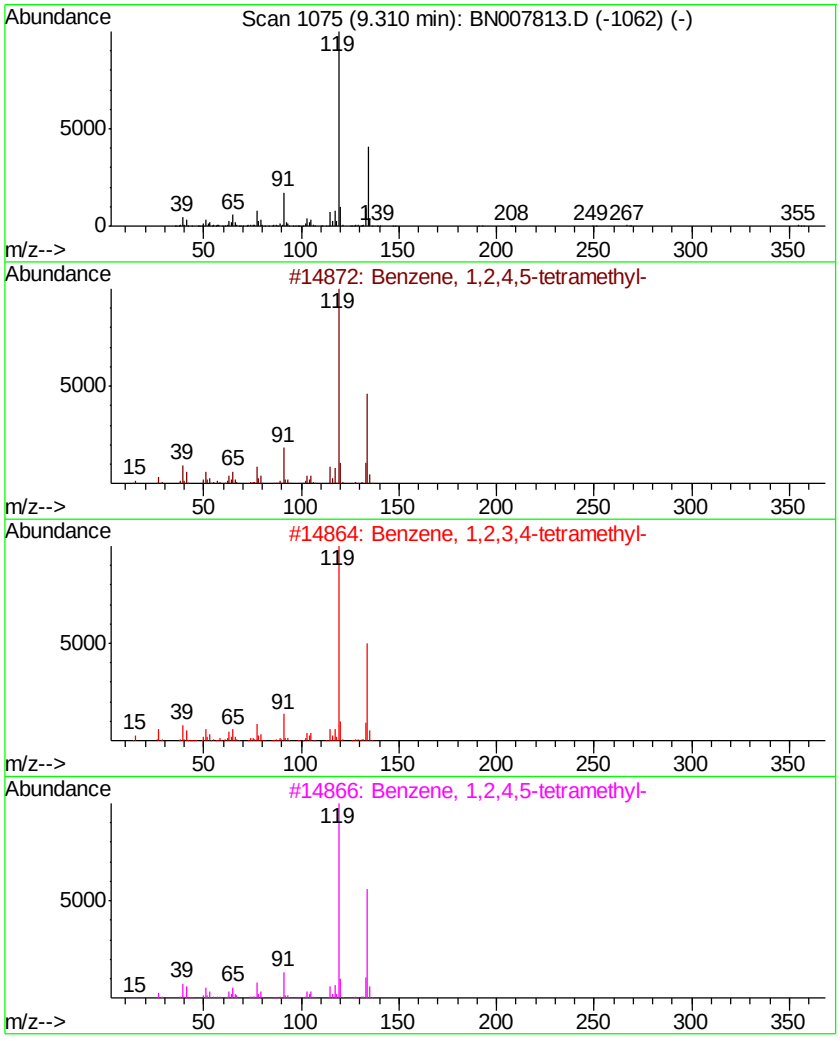
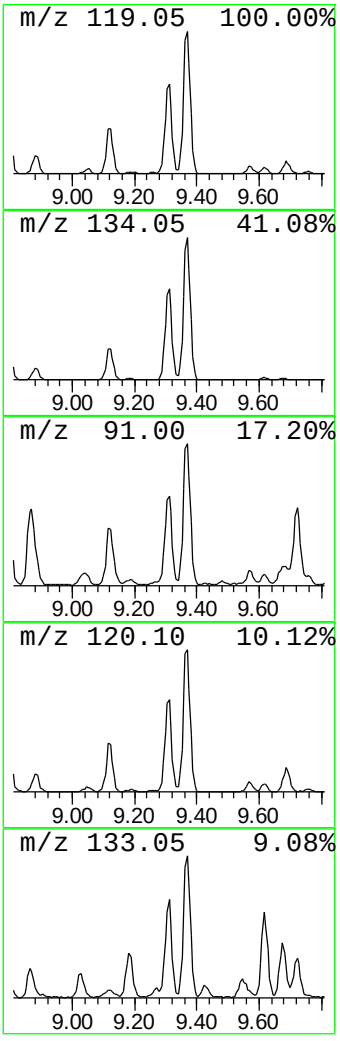
Peak Number 27 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	7.49 ng/ul	2503410	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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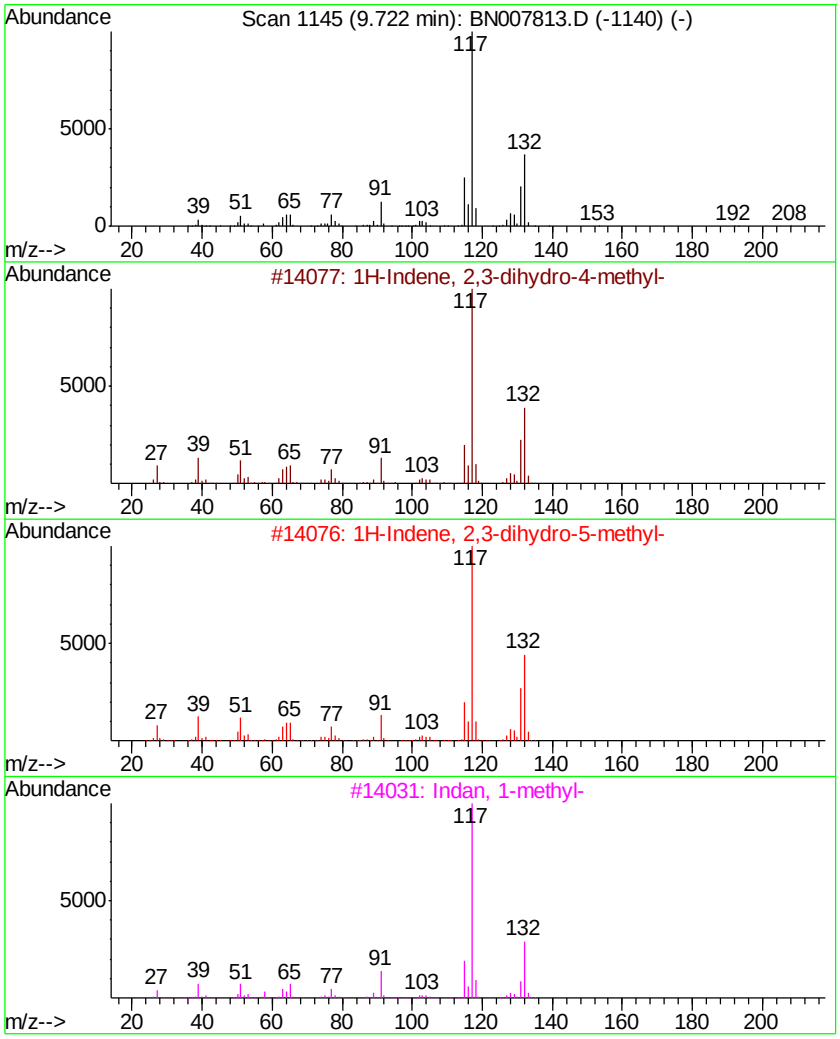
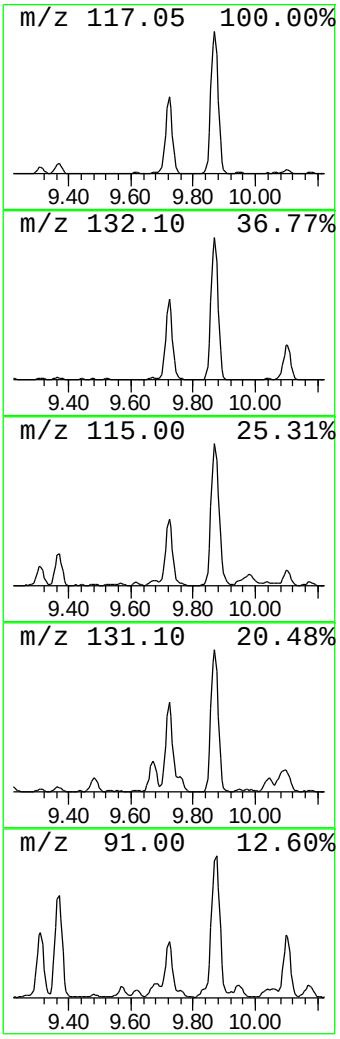
Peak Number 29 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	8.68 ng/ul	2902360	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	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81





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Quant Title : SVOA CALIBRATION

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

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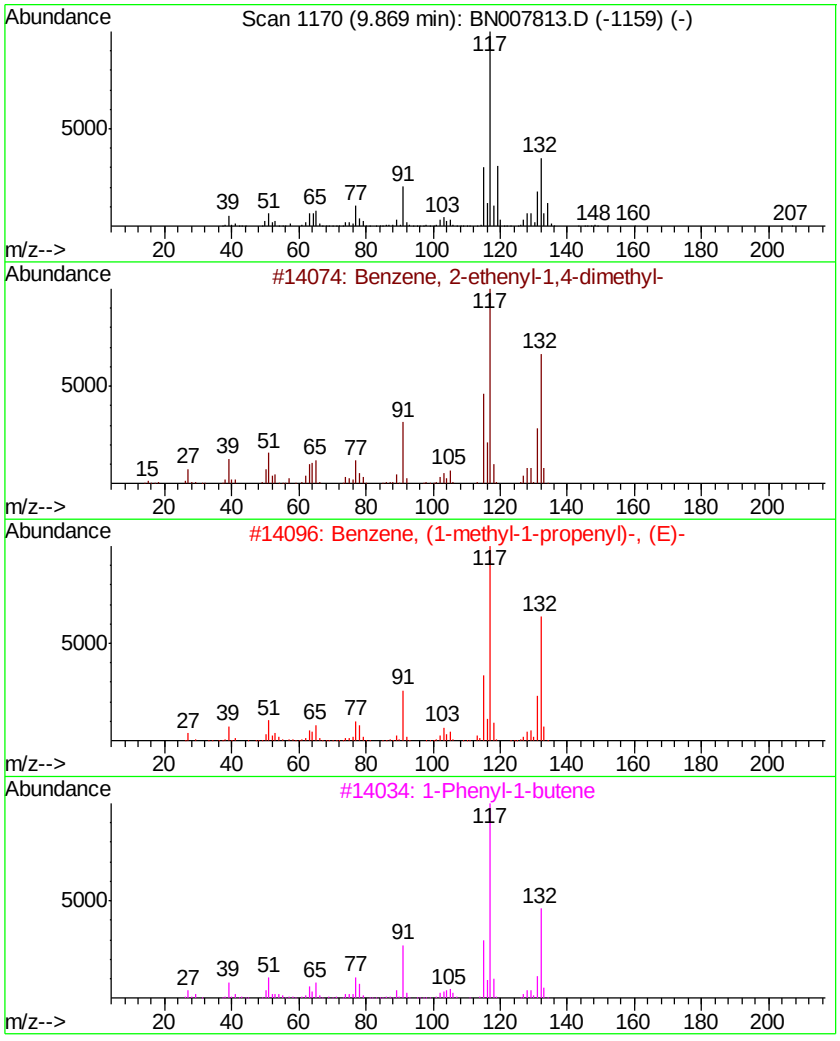
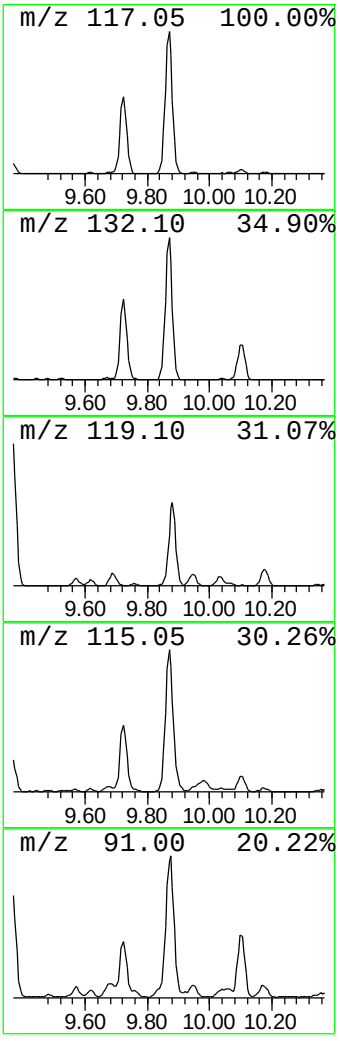
Peak Number 30 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	22.54 ng/ul	7535140	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, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





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Quant Title : SVOA CALIBRATION

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

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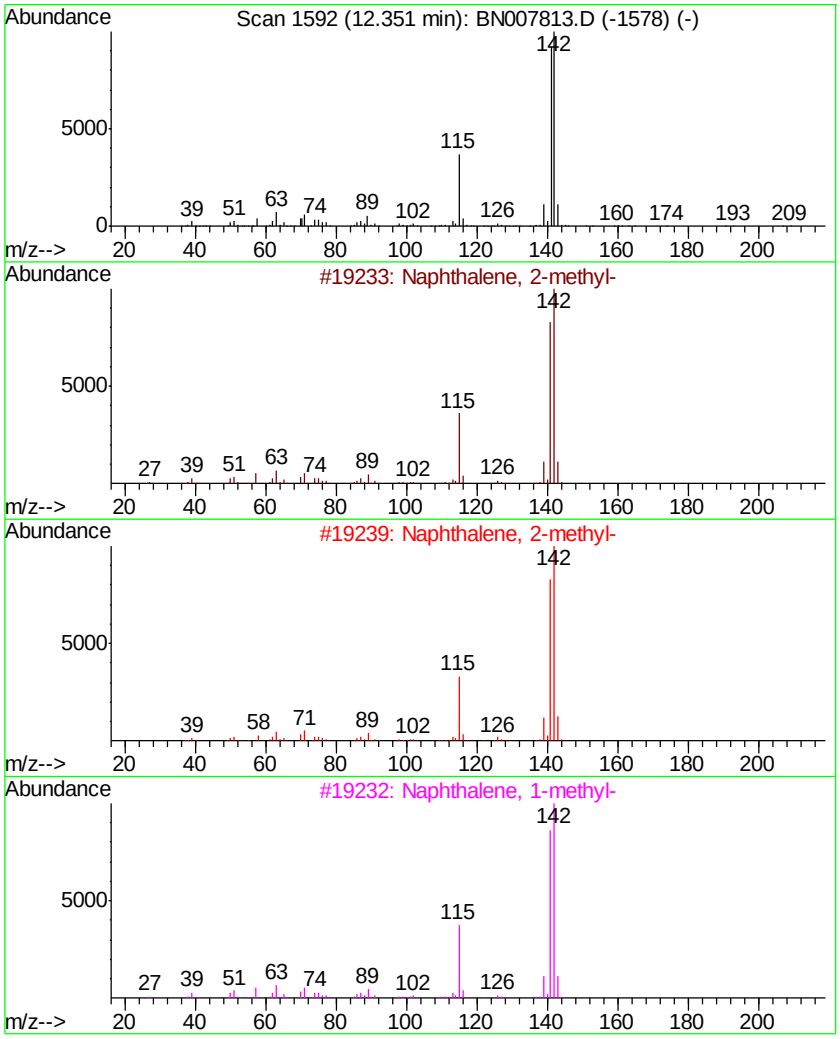
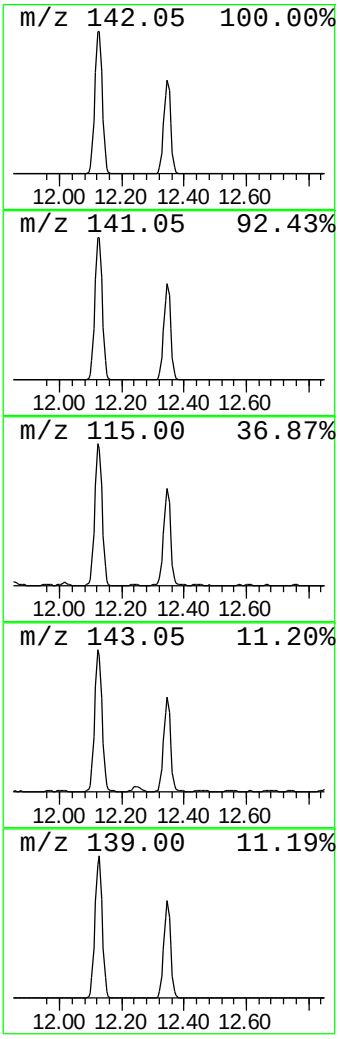
Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	22.64 ng/ul	7566250	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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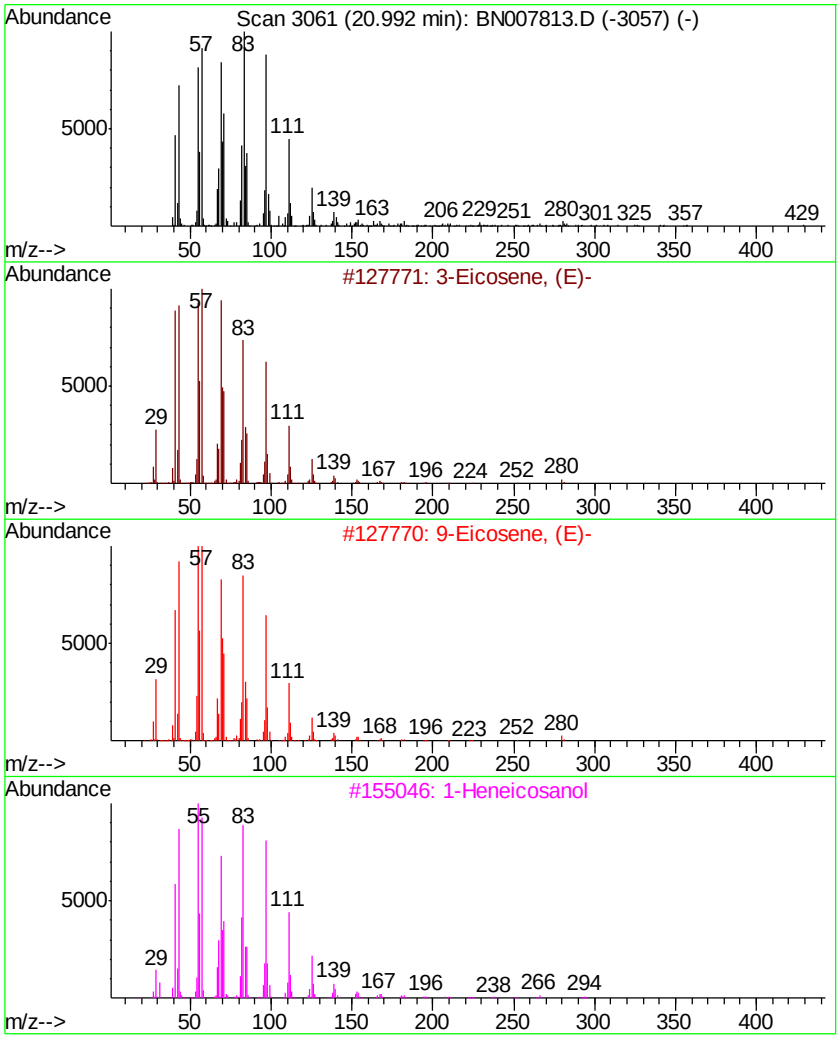
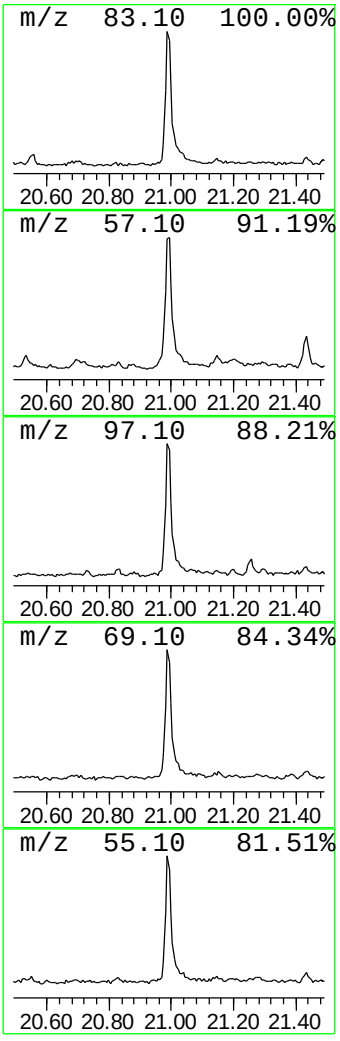
Peak Number 40 (DEL) Alkane: Cyclic20.99 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.54 ng/ul	1348030	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007813.D
Acq On : 23 Sep 2019 22:05
Operator : HP/JU
Sample : K4895-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF8

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...	3.70	4.2	ng/ul	758748	1	7.69	3640840	20.0
Toluene	3.96	27.9	ng/ul	5077500	1	7.69	3640840	20.0
Propanoic acid, 2...	4.22	8.7	ng/ul	1576520	1	7.69	3640840	20.0
Propanoic acid, p...	4.39	12.5	ng/ul	2268320	1	7.69	3640840	20.0
Butanoic acid, 1-...	4.83	16.7	ng/ul	3042190	1	7.69	3640840	20.0
Ethylbenzene	5.25	18.1	ng/ul	3298140	1	7.69	3640840	20.0
Benzene, 1,3-dime...	5.38	90.8	ng/ul	16531900	1	7.69	3640840	20.0
Butanoic acid, pr...	5.68	2.5	ng/ul	447590	1	7.69	3640840	20.0
Benzene, (1-methy...	6.21	2.6	ng/ul	472984	1	7.69	3640840	20.0
Benzene, propyl-	6.69	6.3	ng/ul	1142540	1	7.69	3640840	20.0
Benzene, 1-ethyl-...	6.80	44.1	ng/ul	8029420	1	7.69	3640840	20.0
Benzene, 1,2,3-tr...	6.93	31.4	ng/ul	5706300	1	7.69	3640840	20.0
Benzene, 1-ethyl-...	7.09	26.9	ng/ul	4891350	1	7.69	3640840	20.0
Benzene, 1,2,4-tr...	7.35	96.8	ng/ul	17622400	1	7.69	3640840	20.0
Mesitylene	7.81	49.2	ng/ul	8958560	1	7.69	3640840	20.0
Indane	8.06	41.9	ng/ul	7629760	1	7.69	3640840	20.0
Benzene, 1,3-diet...	8.19	5.1	ng/ul	924621	1	7.69	3640840	20.0
Benzene, 1-methyl...	8.24	8.5	ng/ul	1551940	1	7.69	3640840	20.0
Benzene, 1-ethyl-...	8.33	19.2	ng/ul	3496390	1	7.69	3640840	20.0
Benzene, 2-ethyl-...	8.64	10.0	ng/ul	1816520	1	7.69	3640840	20.0
o-Cymene	8.69	9.5	ng/ul	1725410	1	7.69	3640840	20.0
unknown-01	9.04	2.3	ng/ul	424053	1	7.69	3640840	20.0
Benzene, 4-ethyl-...	9.12	4.1	ng/ul	1380000	2	10.46	6685130	20.0
Benzene, 1,2,4,5-...	9.31	7.5	ng/ul	2503410	2	10.46	6685130	20.0
1H-Indene, 2,3-di...	9.72	8.7	ng/ul	2902360	2	10.46	6685130	20.0
Benzene, 2-etheny...	9.87	22.5	ng/ul	7535140	2	10.46	6685130	20.0
Naphthalene, 1-me...	12.35	22.6	ng/ul	7566250	2	10.46	6685130	20.0
(DEL) Alkane: Cyc...	20.99	2.5	ng/ul	1348030	5	21.26	10604200	20.0