LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007811.D
Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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	64	rVB	4859083	6279619	33.92%	2.094%
2	3.699	117	121	128	rVB	552447	697382	3.77%	0.233%
3	3.964	159	166	171	rBV2	937988	1440666	7.78%	0.480%
4	4.217	204	209	216	rBV	1234571	1542009	8.33%	0.514%
5	4.387	234	238	247	rBV	1729239	2392734	12.92%	0.798%
6	4.475	247	253	261	rVB3	227508	496466	2.68%	0.166%
7	4.834	303	314	322	rVV	2229013	3029864	16.36%	1.010%
8	5.246	379	384	392	rVV	787465	1142890	6.17%	0.381%
9	5.375	400	406	424	rVB	3187942	6317958	34.12%	2.107%
10	5.681	449	458	462	rVV	336649	519204	2.80%	0.173%
11	5.740	462	468	480	rVB	3047133	4527014	24.45%	1.510%
12	6.687	624	629	640	rBV	439999	720166	3.89%	0.240%
13	6.799	640	648	653	rBV	3233246	4678428	25.27%	1.560%
14	6.858	653	658	665	rVV2	1957148	3264415	17.63%	1.089%
15	6.928	665	670	681	rVB	2608666	3864511	20.87%	1.289%
16	7.028	681	687	693	rBV	1494346	2448210	13.22%	0.816%
17	7.093	693	698	705	rVB	2092538	3076440	16.62%	1.026%
18	7.228	713	721	730	rBV	1819317	2912915	15.73%	0.971%
19	7.346	735	741	749	rVV	6721380	10348690	55.89%	3.451%
20	7.687	793	799	804	rVV	2125783	3388074	18.30%	1.130%
21	7.734	804	807	813	rVV2	414737	718645	3.88%	0.240%
22	7.811	813	820	828	rVV	3642446	5924249	32.00%	1.975%
23	8.063	853	863	869	rVB2	1722442	3794921	20.50%	1.265%
24	8.187	878	884	888	rVV	530837	835181	4.51%	0.278%
25	8.240	888	893	899	rVV	974061	1549939	8.37%	0.517%
26	8.328	902	908	913	rVV	1999150	3077181	16.62%	1.026%
27	8.387	913	918	924	rVV	1635651	2659781	14.37%	0.887%
28	8.446	924	928	931	rVV	217302	373488	2.02%	0.125%
29	8.493	931	936	944	rVV	584745	1017957	5.50%	0.339%
30	8.640	955	961	965	rVV	984784	1461213	7.89%	0.487%
31	8.693	965	970	976	rVB	1008476	1521179	8.22%	0.507%
32	8.793	976	987	990	rBV	2159383	3503685	18.92%	1.168%
33	8.828	990	993	997	rVV	1901583	3149548	17.01%	1.050%
34	8.863	997	999	1006	rVV2	1045404	1762137	9.52%	0.588%

LSC Area Percent Report

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Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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	8.922	1006	1009	1020	rVB2	183160	345293	1.86%	0.115%
36	9.040	1020	1029	1036	rVB4	195555	481105	2.60%	0.160%
37	9.122	1036	1043	1049	rBV	683335	1234040	6.66%	0.411%
38	9.310	1069	1075	1079	rBV	1247809	1877542	10.14%	0.626%
39	9.369	1079	1085	1093	rVB	2076947	3262155	17.62%	1.088%
40	9.546	1108	1115	1123	rBV2	1494426	2700690	14.59%	0.901%
41	9.681	1132	1138	1141	rBV3	242477	462675	2.50%	0.154%
42	9.722	1141	1145	1159	rVB	1259995	2170073	11.72%	0.724%
43	9.869	1159	1170	1179	rBV2	3303820	6345331	34.27%	2.116%
44	9.946	1179	1183	1192	rVB4	326391	609137	3.29%	0.203%
45	10.081	1200	1206	1216	rVB2	2728509	5369267	29.00%	1.790%
46	10.175	1216	1222	1229	rVB2	257122	454972	2.46%	0.152%
47	10.328	1241	1248	1254	rBV6	154765	435242	2.35%	0.145%
48	10.457	1261	1270	1274	rBV2	3371362	5895667	31.84%	1.966%
49	10.510	1274	1279	1287	rVB	11175670	18515578	100.00%	6.174%
50	10.587	1287	1292	1297	rBV	2273653	4056329	21.91%	1.353%
51	10.687	1305	1309	1318	rVB	239730	399307	2.16%	0.133%
52	10.881	1338	1342	1346	rVV2	247755	382789	2.07%	0.128%
53	11.122	1379	1383	1389	rVV	323826	525331	2.84%	0.175%
54	11.381	1421	1427	1436	rVB	515590	887986	4.80%	0.296%
55	11.569	1453	1459	1465	rBV	426897	692735	3.74%	0.231%
56	11.657	1468	1474	1477	rBV	305943	482738	2.61%	0.161%
57	11.799	1489	1498	1502	rBV2	187756	326065	1.76%	0.109%
58	11.852	1502	1507	1511	rBV	303165	453946	2.45%	0.151%
59	12.016	1529	1535	1545	rVB4	394110	758240	4.10%	0.253%
60	12.128	1545	1554	1566	rVB	5099539	8272819	44.68%	2.759%
61	12.346	1578	1591	1597	rBV	3489322	5654674	30.54%	1.886%
62	13.151	1723	1728	1737	rBV2	353715	782226	4.22%	0.261%
63	13.346	1756	1761	1773	rVB	355882	852095	4.60%	0.284%
64	13.475	1778	1783	1785	rBV2	719051	1075976	5.81%	0.359%
65	13.640	1804	1811	1816	rBV	1284374	2210624	11.94%	0.737%
66	13.693	1816	1820	1822	rVV	860119	1170311	6.32%	0.390%
67	13.728	1822	1826	1830	rVV	4827108	6511896	35.17%	2.171%
68	13.775	1830	1834	1840	rVB	1280337	1717794	9.28%	0.573%
69	13.875	1846	1851	1854	rBV	547050	831661	4.49%	0.277%
70	14.004	1867	1873	1884	rBV2	5367105	8476636	45.78%	2.827%
71	14.240	1907	1913	1918	rBV3	248289	399076	2.16%	0.133%

LSC Area Percent Report

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Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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	14.316	1919	1926	1932	rBV	4607497	6914821	37.35%	2.306%
73	14.381	1932	1937	1944	rVV	790526	1196922	6.46%	0.399%
74	14.510	1954	1959	1970	rVB2	523464	988337	5.34%	0.330%
75	14.716	1989	1994	2003	rVB2	501776	866718	4.68%	0.289%
76	14.940	2026	2032	2037	rBV	204915	394782	2.13%	0.132%
77	15.093	2049	2058	2060	rBV4	260184	544374	2.94%	0.182%
78	15.310	2089	2095	2101	rBV	7513273	10615350	57.33%	3.540%
79	15.363	2101	2104	2109	rVB2	645707	927092	5.01%	0.309%
80	15.428	2109	2115	2122	rBV	1960974	2740557	14.80%	0.914%
81	16.851	2353	2357	2360	rBV	254036	327786	1.77%	0.109%
82	17.063	2387	2393	2397	rBV	5601523	7957596	42.98%	2.654%
83	17.104	2397	2400	2404	rVV	1067370	1418850	7.66%	0.473%
84	17.157	2404	2409	2421	rVV	8629615	12627455	68.20%	4.211%
85	17.457	2456	2460	2466	rVB	544871	803437	4.34%	0.268%
86	17.975	2544	2548	2555	rVV2	1132980	1669098	9.01%	0.557%
87	18.281	2597	2600	2605	rVB	394380	443129	2.39%	0.148%
88	18.916	2705	2708	2713	rBV	369630	444898	2.40%	0.148%
89	19.263	2763	2767	2770	rBV2	586307	790397	4.27%	0.264%
90	19.457	2795	2800	2806	rBV2	11360608	15786335	85.26%	5.264%
91	20.992	3058	3061	3067	rVB	758878	986034	5.33%	0.329%
92	21.257	3101	3106	3111	rBV	7361063	9485840	51.23%	3.163%
93	21.869	3207	3210	3222	rVB2	403635	617785	3.34%	0.206%
94	22.327	3285	3288	3292	rVB	433376	509863	2.75%	0.170%
95	22.833	3370	3374	3379	rVB	568622	803985	4.34%	0.268%
96	23.333	3452	3459	3465	rBV	8881761	15887545	85.81%	5.298%
97	23.392	3466	3469	3475	rVV	570376	954296	5.15%	0.318%
98	23.469	3475	3482	3494	rVB2	5309782	10272888	55.48%	3.426%
99	24.033	3574	3578	3585	rVB	451987	788754	4.26%	0.263%
100	24.768	3699	3703	3711	rVB2	313581	606716	3.28%	0.202%

Sum of corrected areas: 299888420

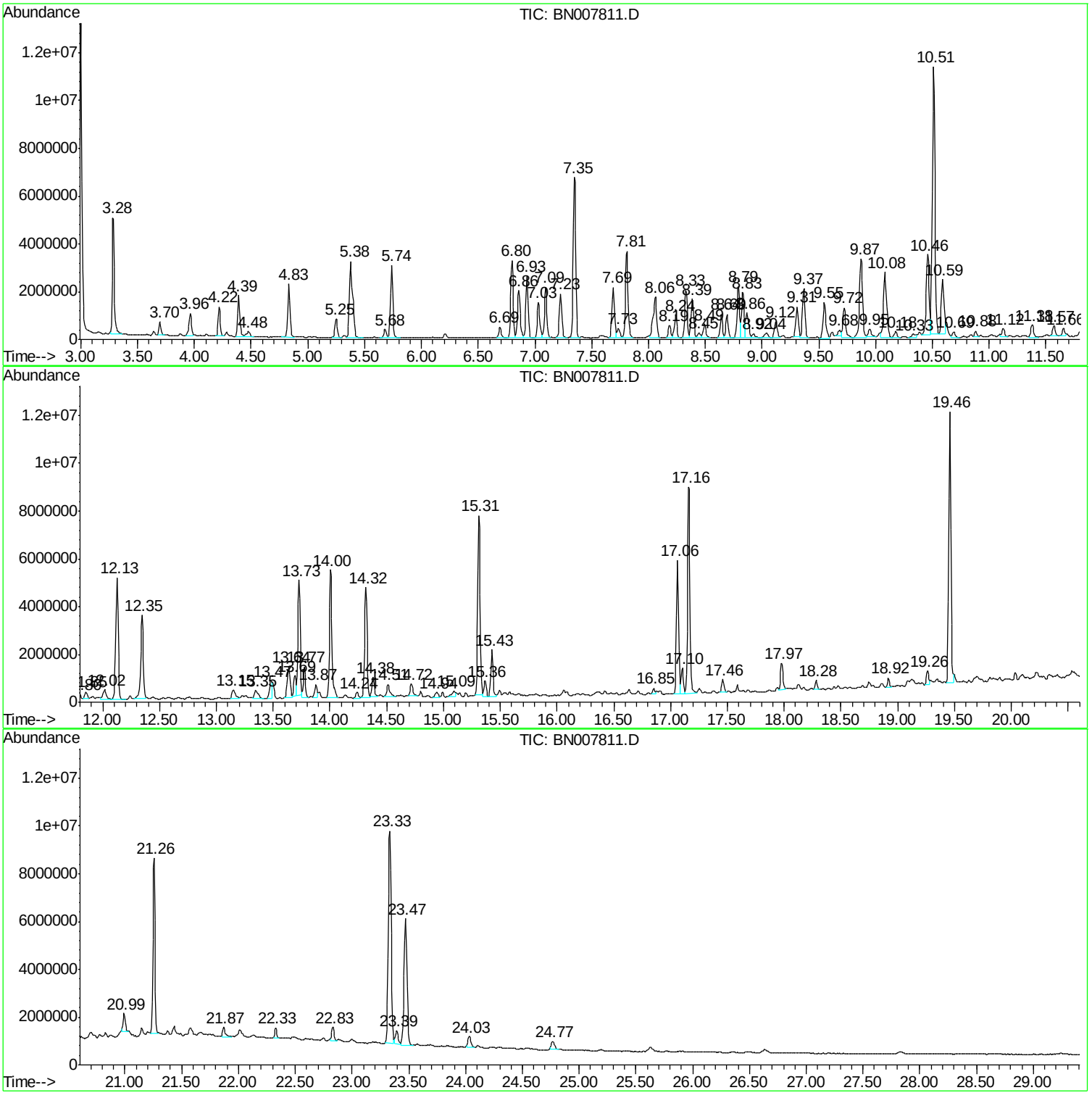
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007811.D
Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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 : BN007811.D
Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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

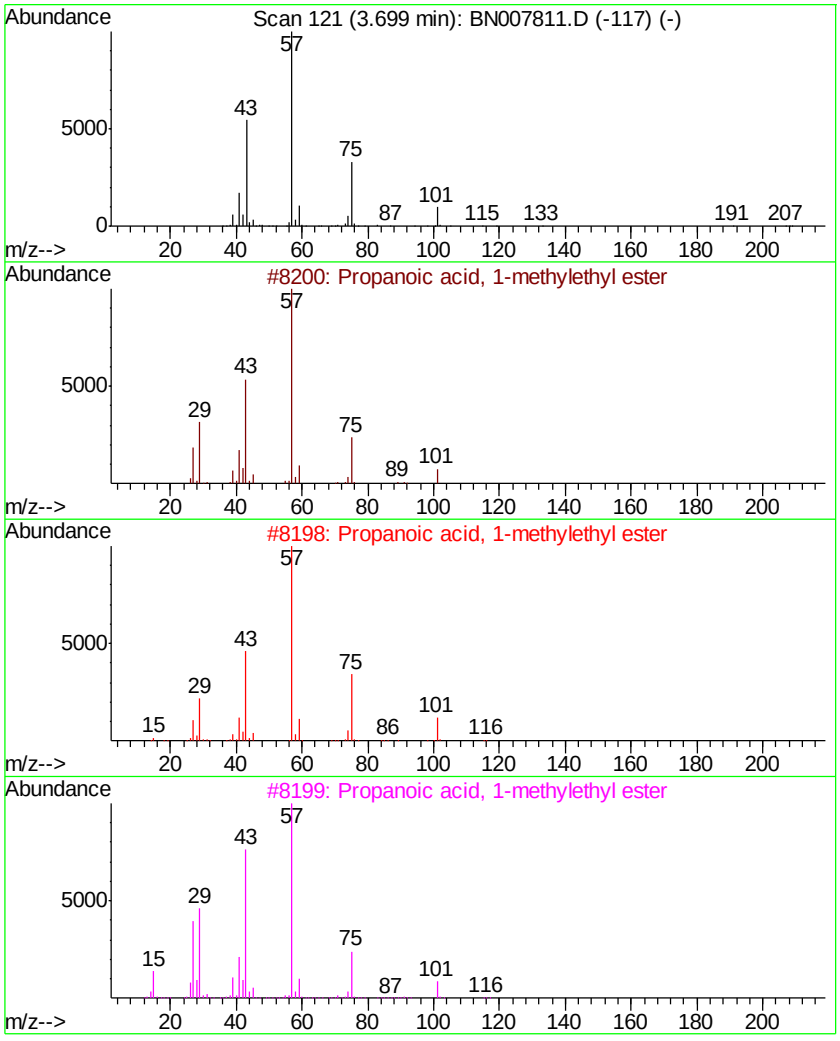
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

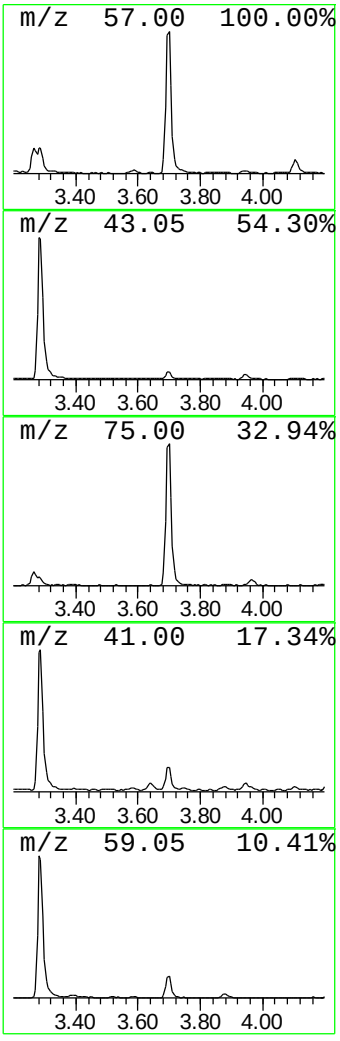
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	4.12 ng/ul	697382	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	72
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	53
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007811.D
Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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

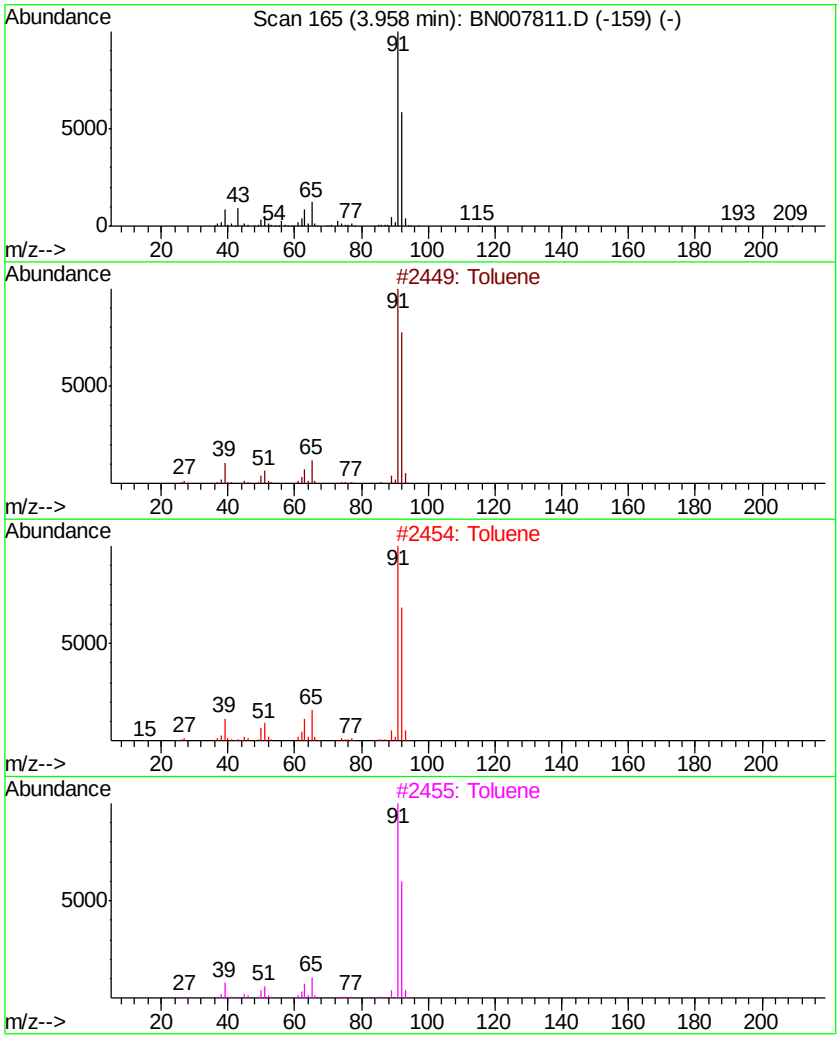
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

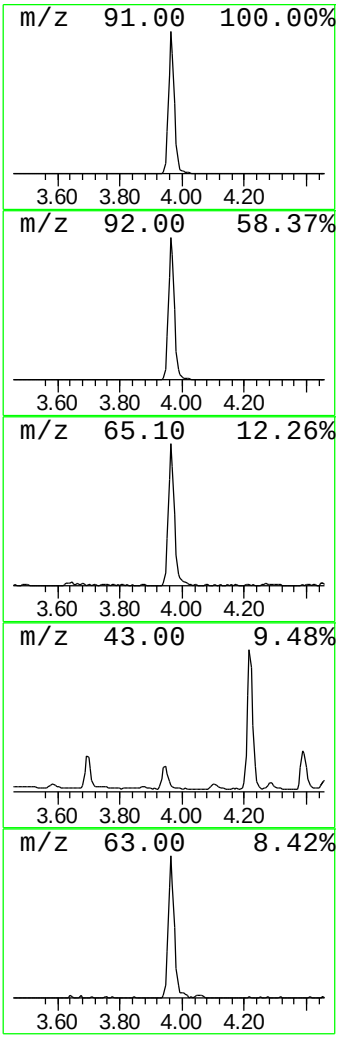
****

Peak Number 2 Toluene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	8.50 ng/ul	1440670	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	93
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 : BN007811.D
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Sample : K4895-02
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Instrument : BNA_N
ClientSampleId : BFDF6

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

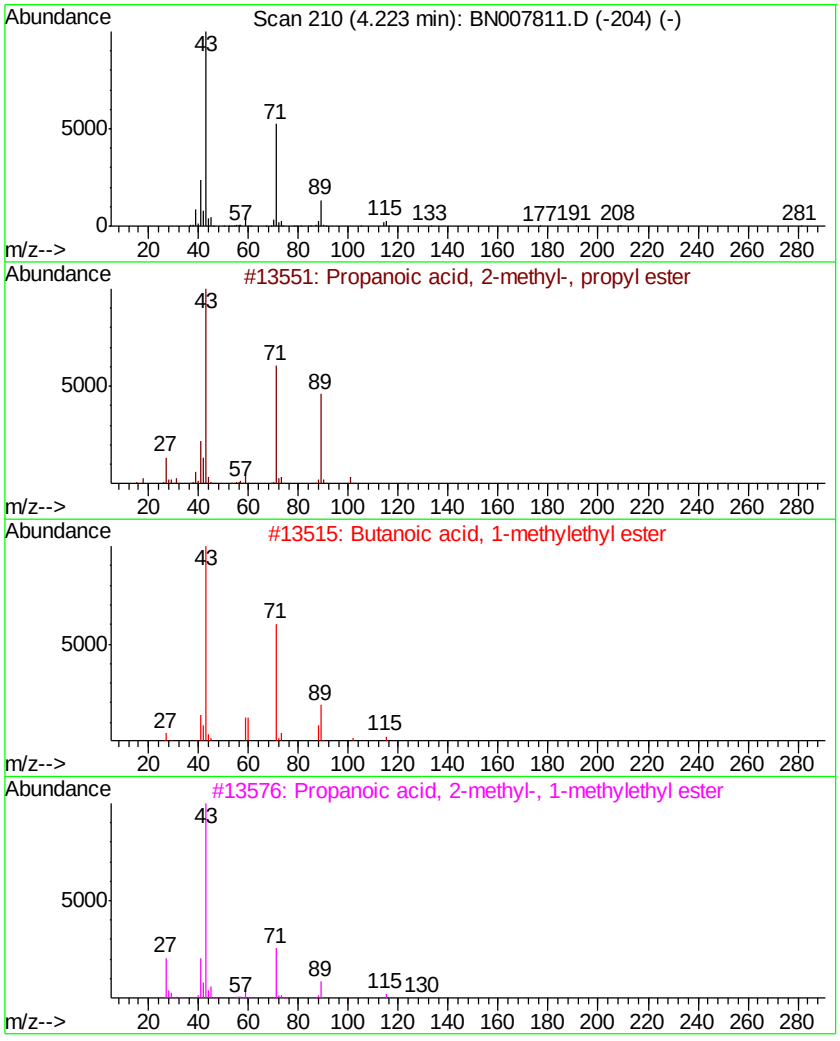
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

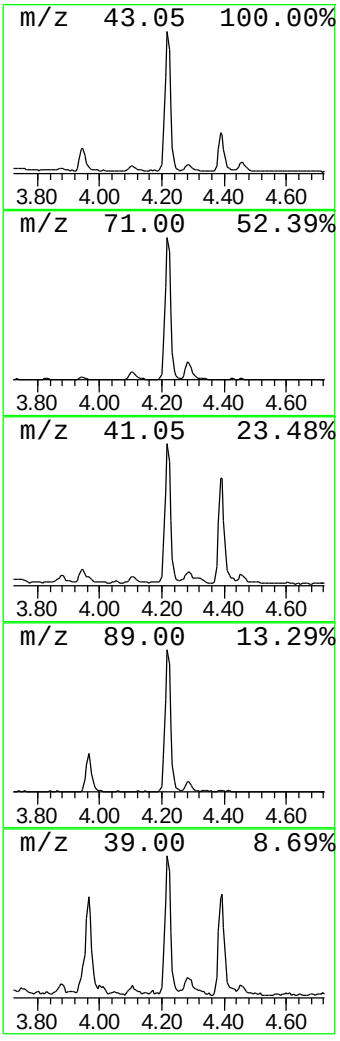
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	9.10 ng/ul	1542010	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	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	59
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	42
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
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Acq On : 23 Sep 2019 20:53
Operator : HP/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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

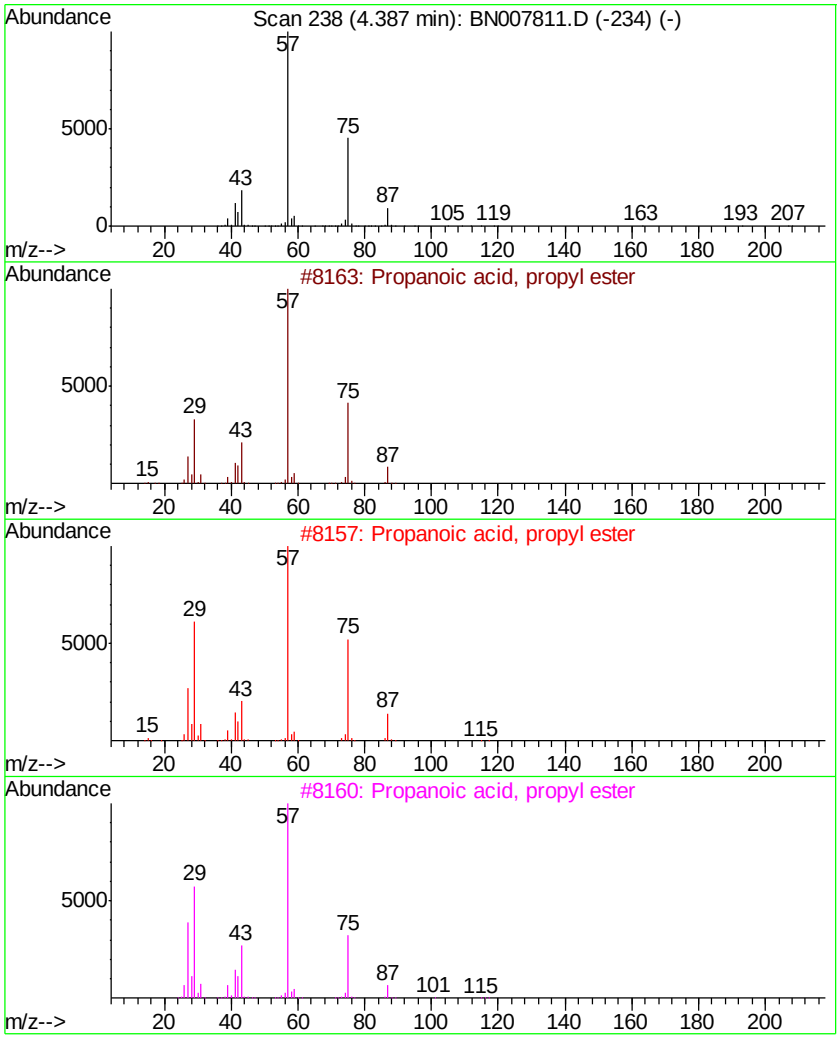
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

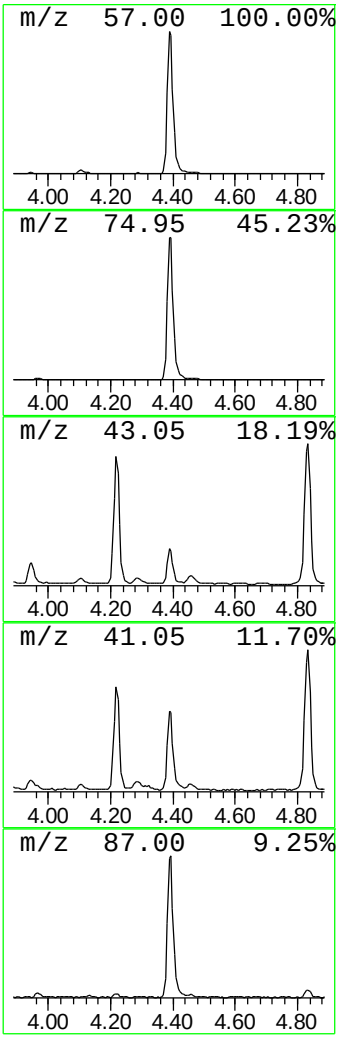
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	14.12 ng/ul	2392730	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	74
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007811.D
Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

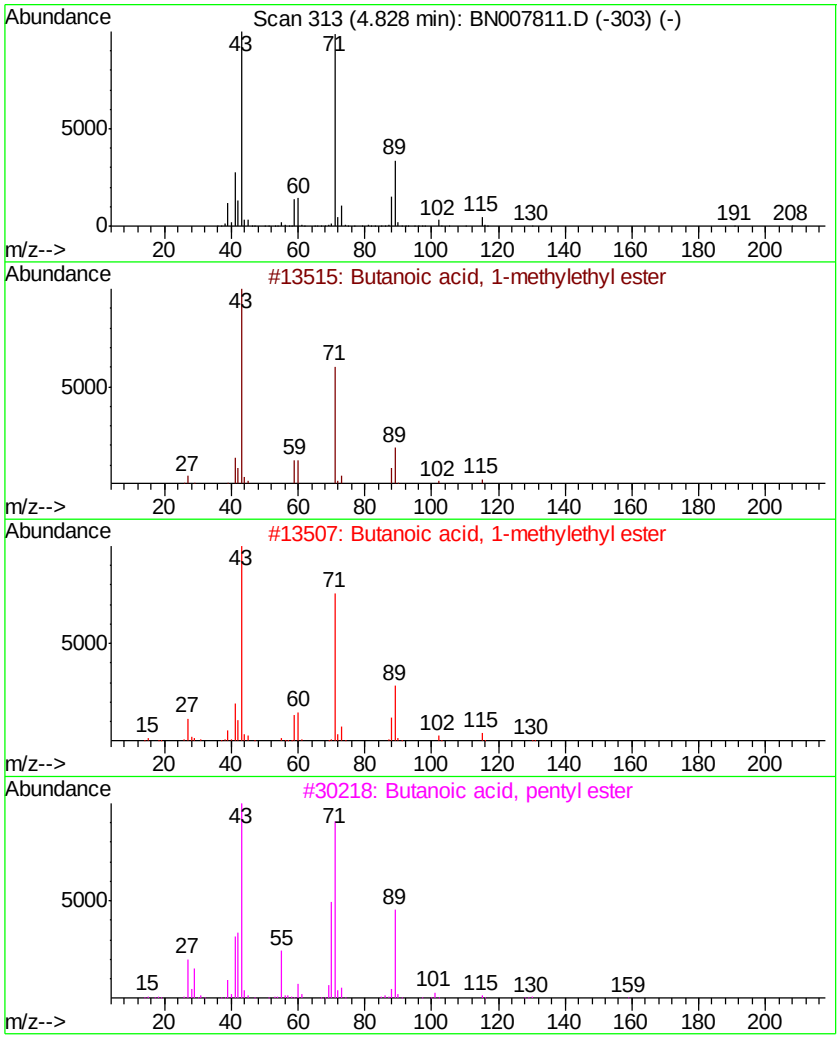
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

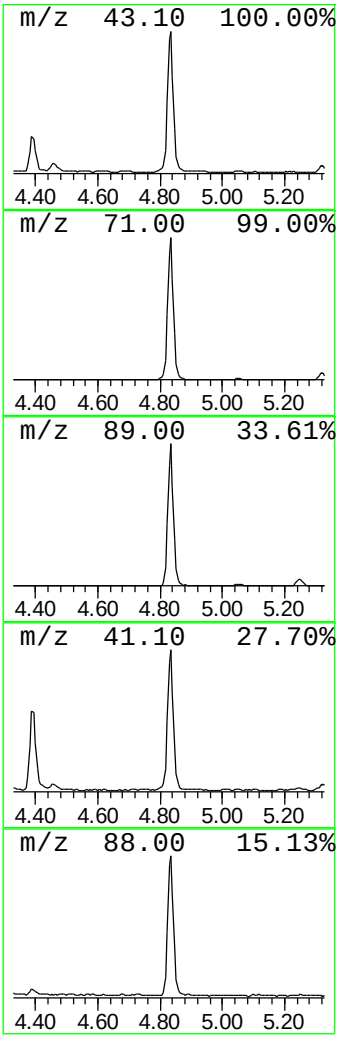
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	17.89 ng/ul	3029860	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	83
3	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	64
4	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	56
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





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Sample : K4895-02
Misc :
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ClientSampleId : BFDF6

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Quant Title : SVOA CALIBRATION

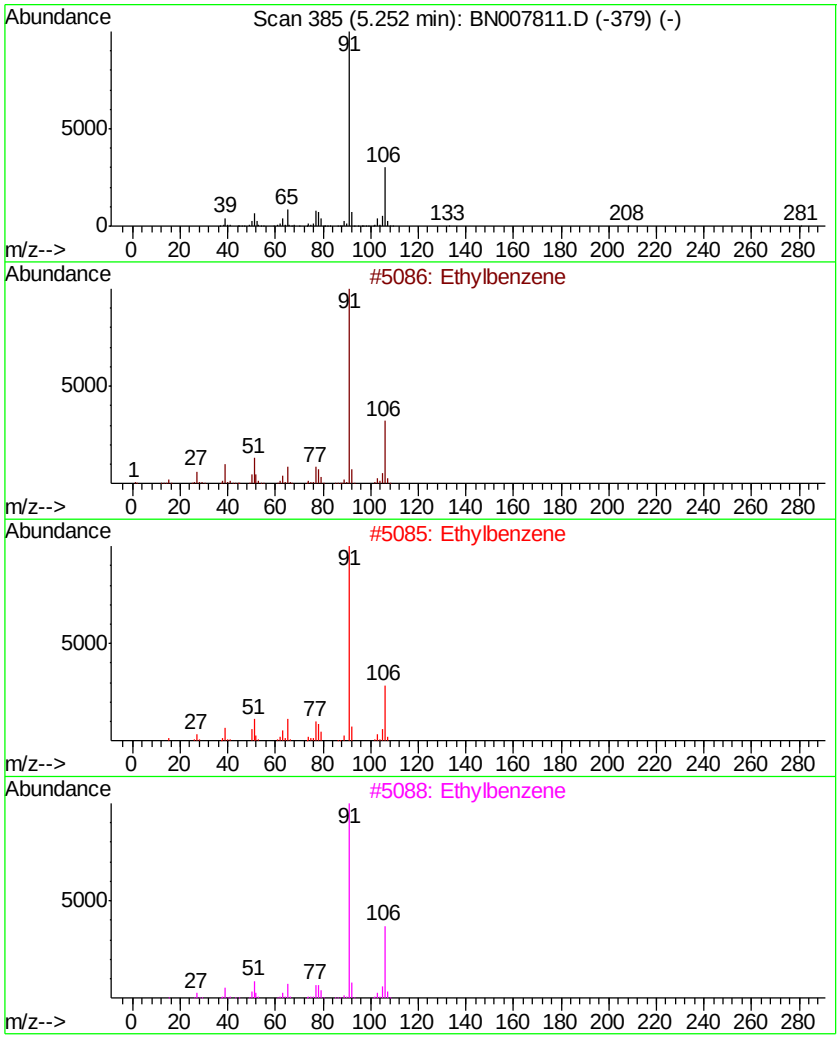
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

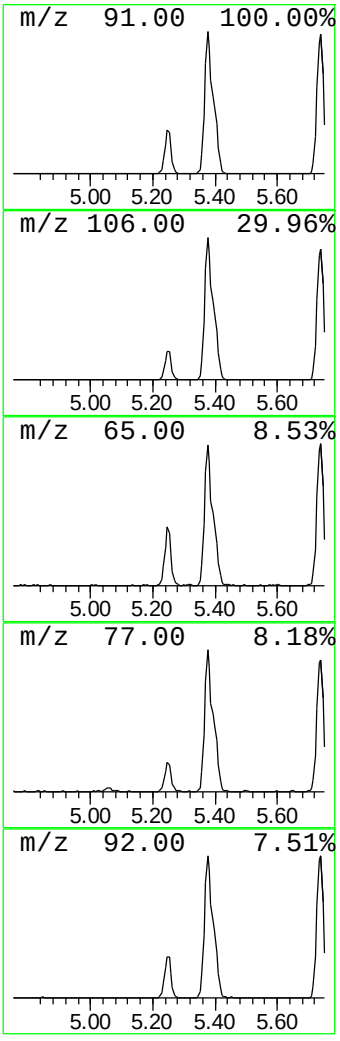
****

Peak Number 7 Ethylbenzene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	6.75 ng/ul	1142890	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	90
4	o-Xylene	106	C8H10	000095-47-6	87
5	Ethylbenzene	106	C8H10	000100-41-4	81





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Quant Title : SVOA CALIBRATION

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

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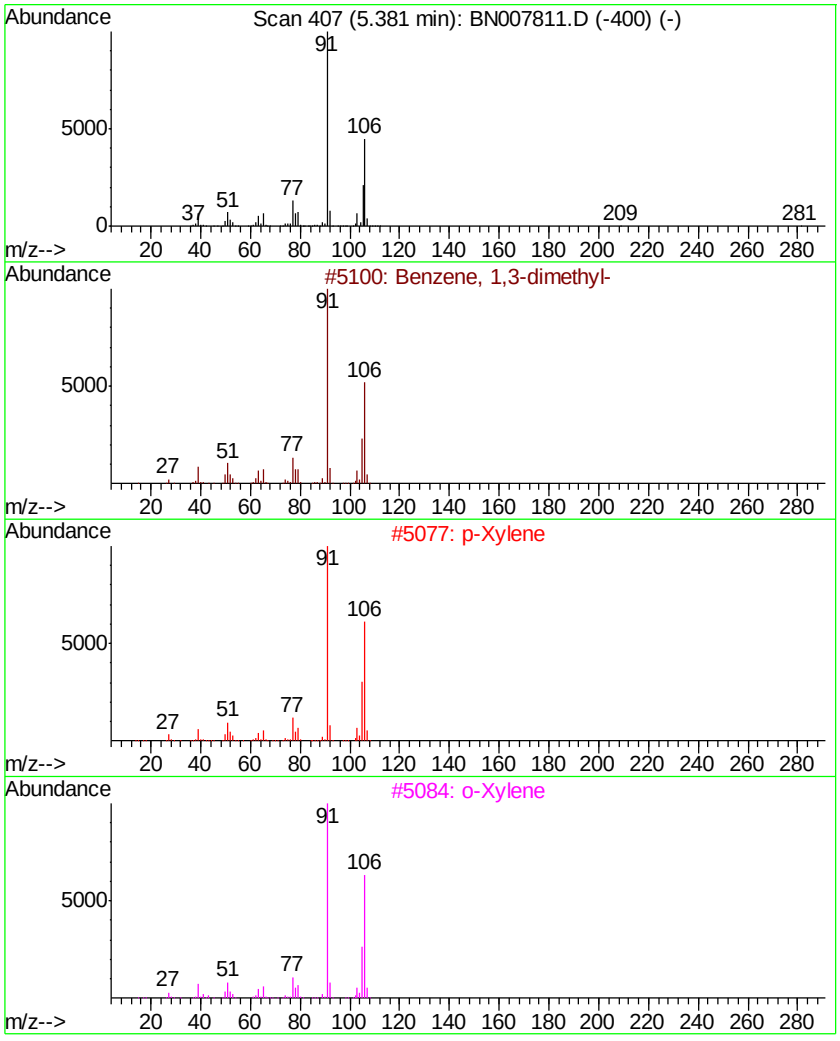
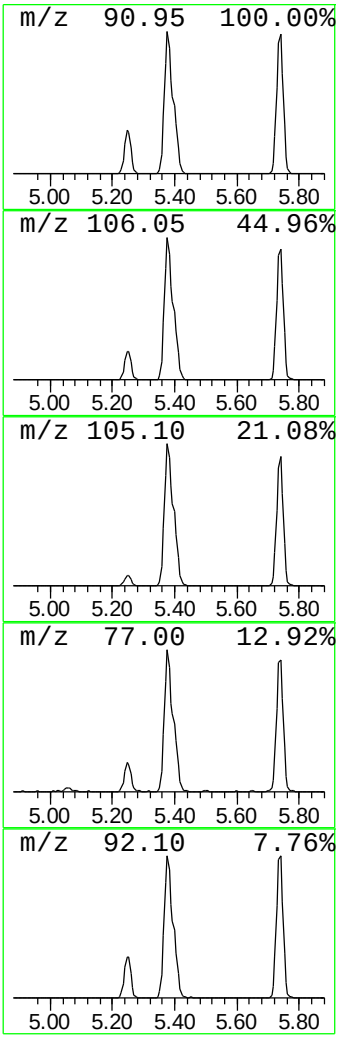
Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	37.30 ng/ul	6317960	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	p-Xylene	106	C8H10	000106-42-3	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





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Quant Title : SVOA CALIBRATION

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

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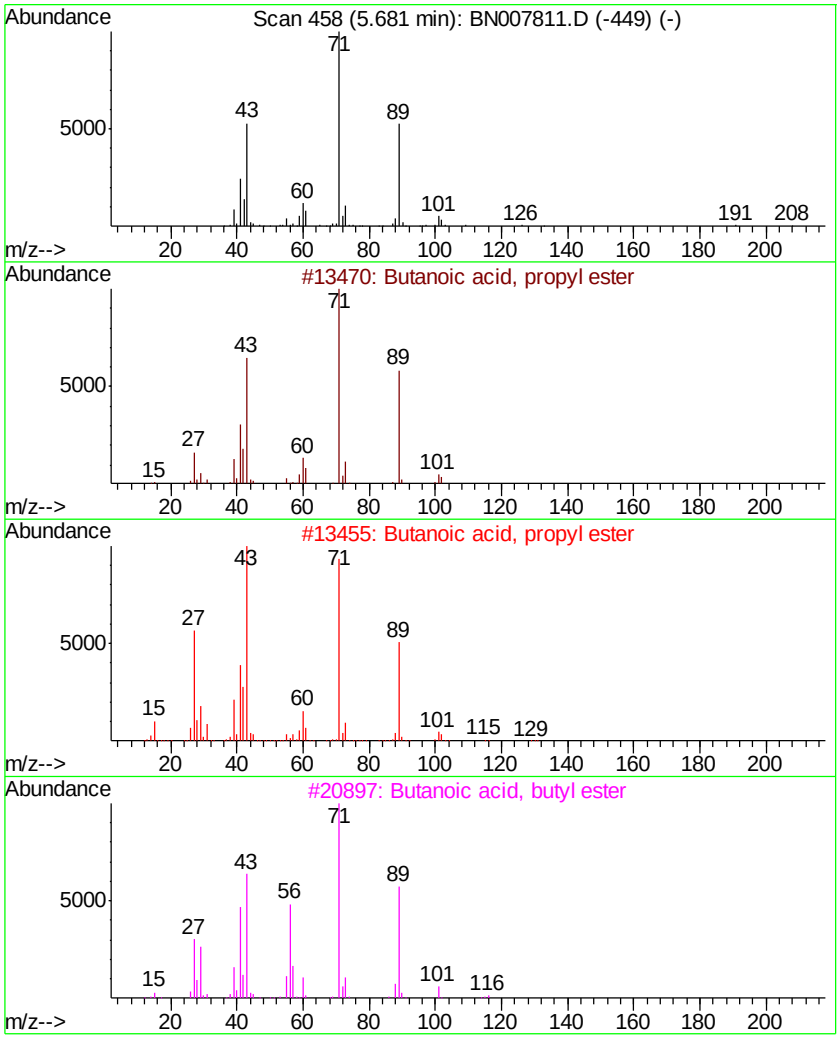
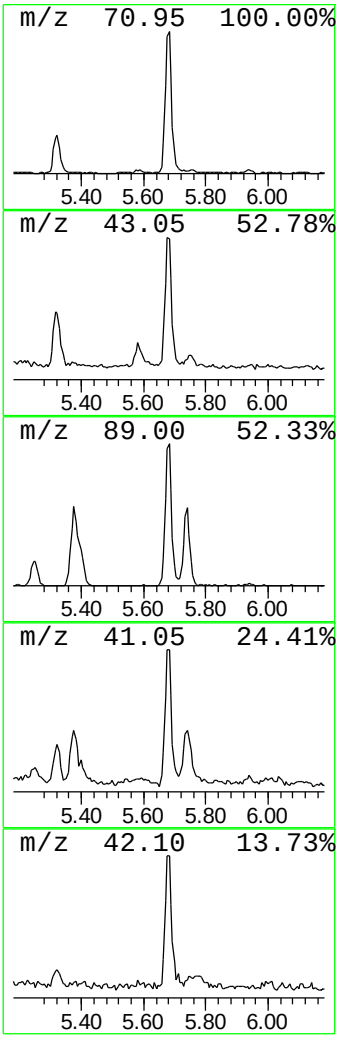
Peak Number 9 Butanoic acid, propyl ester Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	3.06 ng/ul	519204	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	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	72





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Quant Title : SVOA CALIBRATION

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

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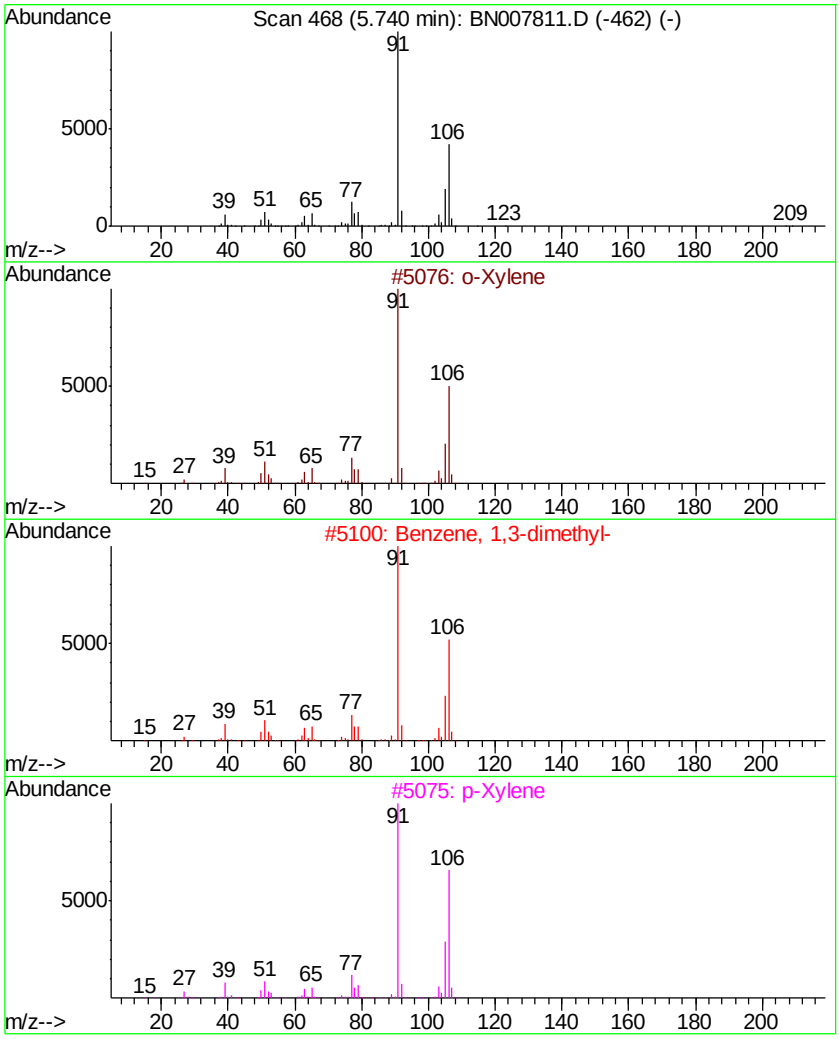
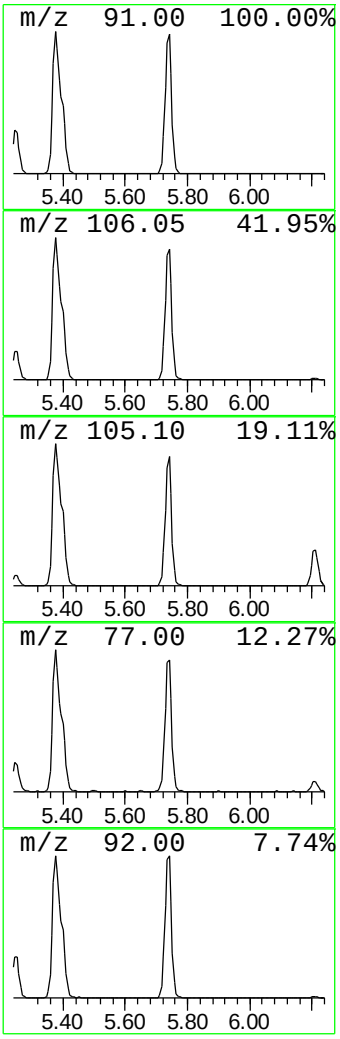
Peak Number 10 o-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	26.72 ng/ul	4527010	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	p-Xylene	106	C8H10	000106-42-3	93
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93





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Quant Title : SVOA CALIBRATION

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

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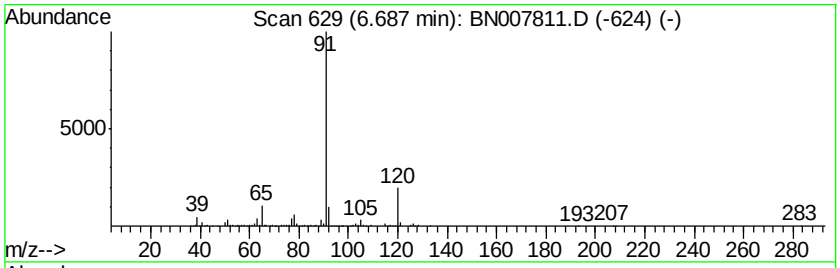
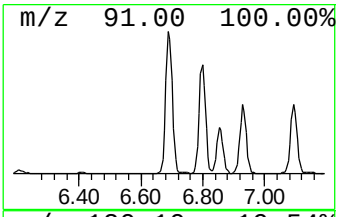
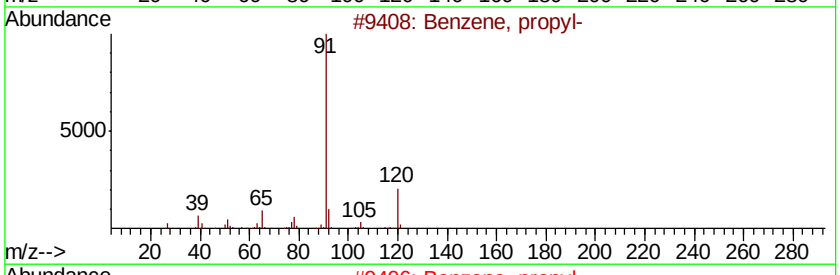
Peak Number 11 Benzene, propyl- Concentration Rank 24

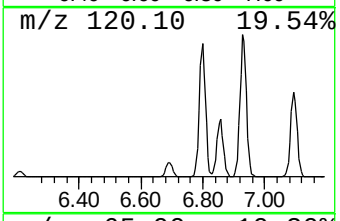
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	4.25 ng/ul	720166	1,4-Dichlorobenzene-d4	7.69

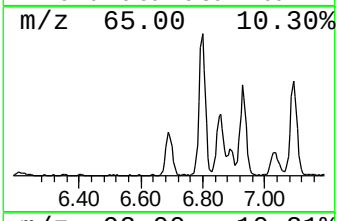
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	83
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	53
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	53

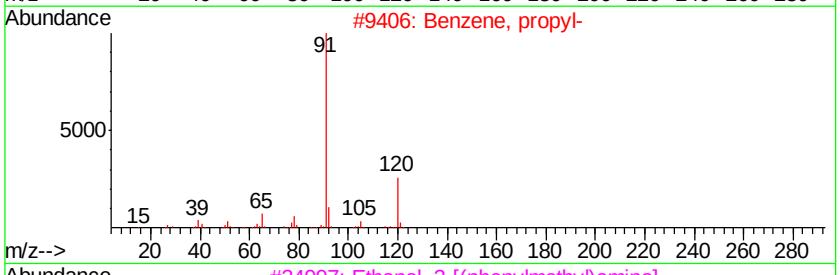


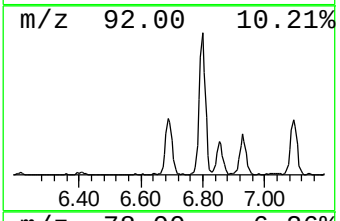


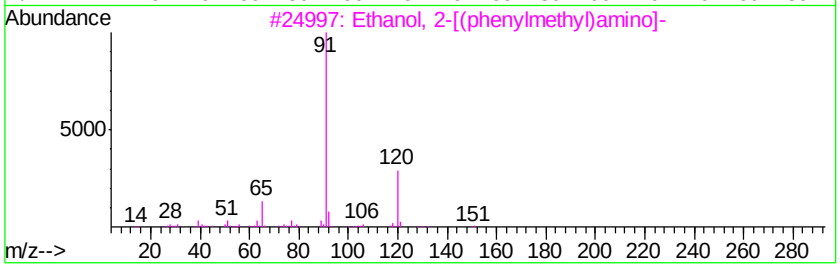


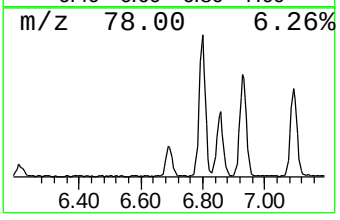












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Instrument : BNA_N
ClientSampleId : BFDF6

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Quant Title : SVOA CALIBRATION

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

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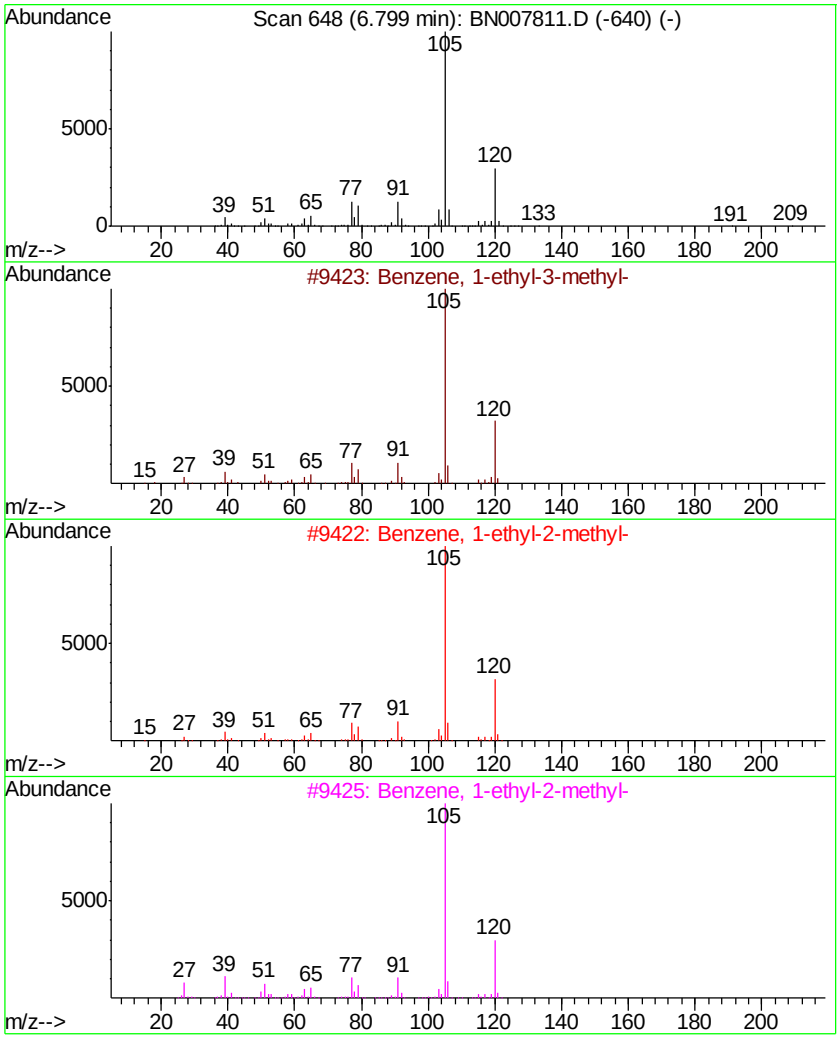
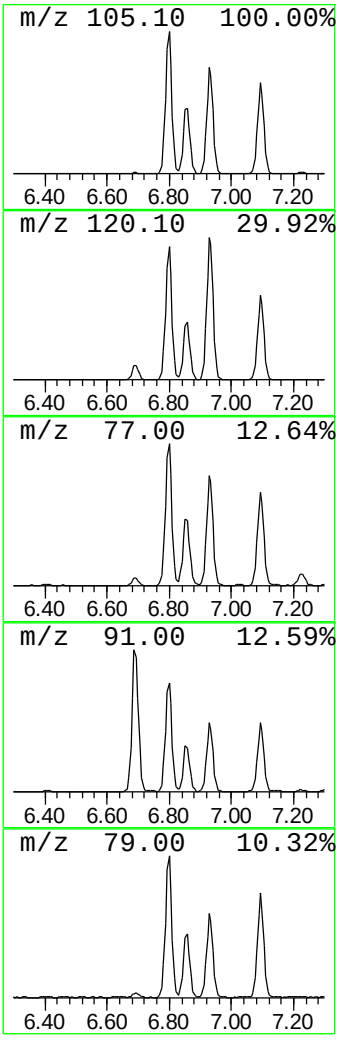
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	27.62 ng/ul	4678430	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 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	18.16 ng/ul	3076440	1,4-Dichlorobenzene-d4	7.69

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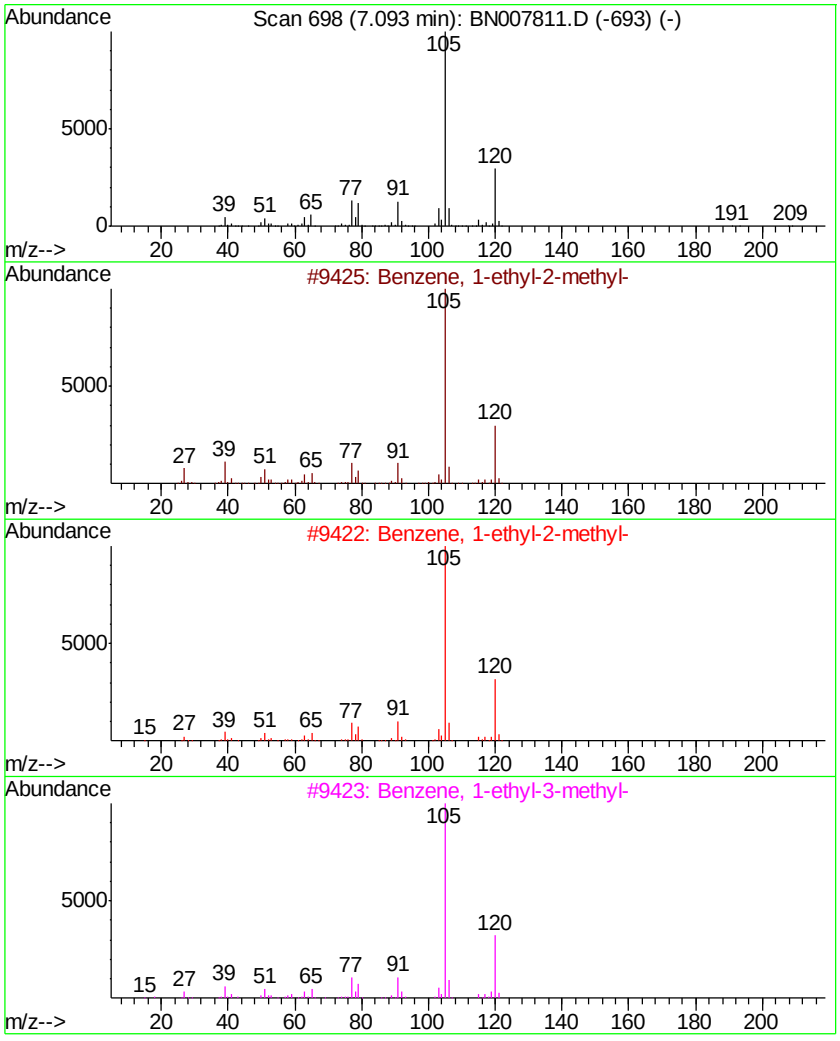

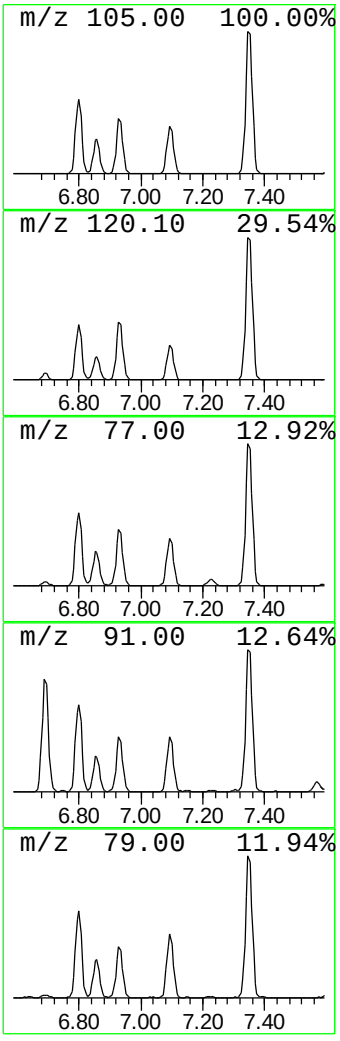

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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	61.09 ng/ul	10348700	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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	91
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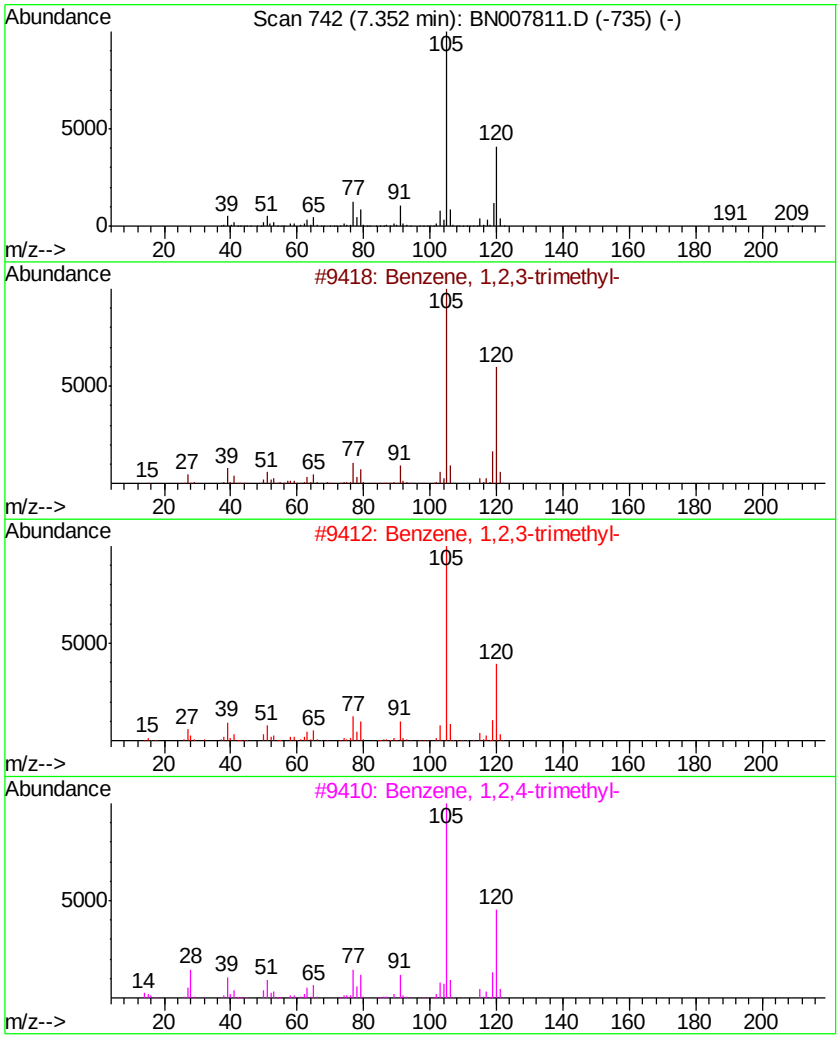

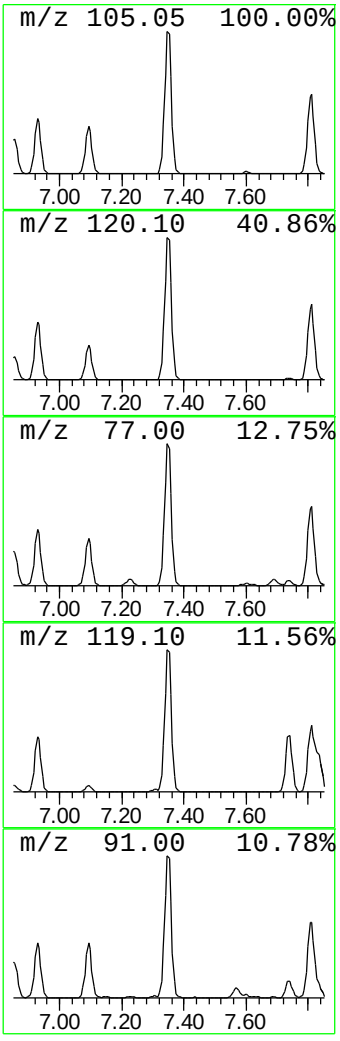

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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	34.97 ng/ul	5924250	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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	91
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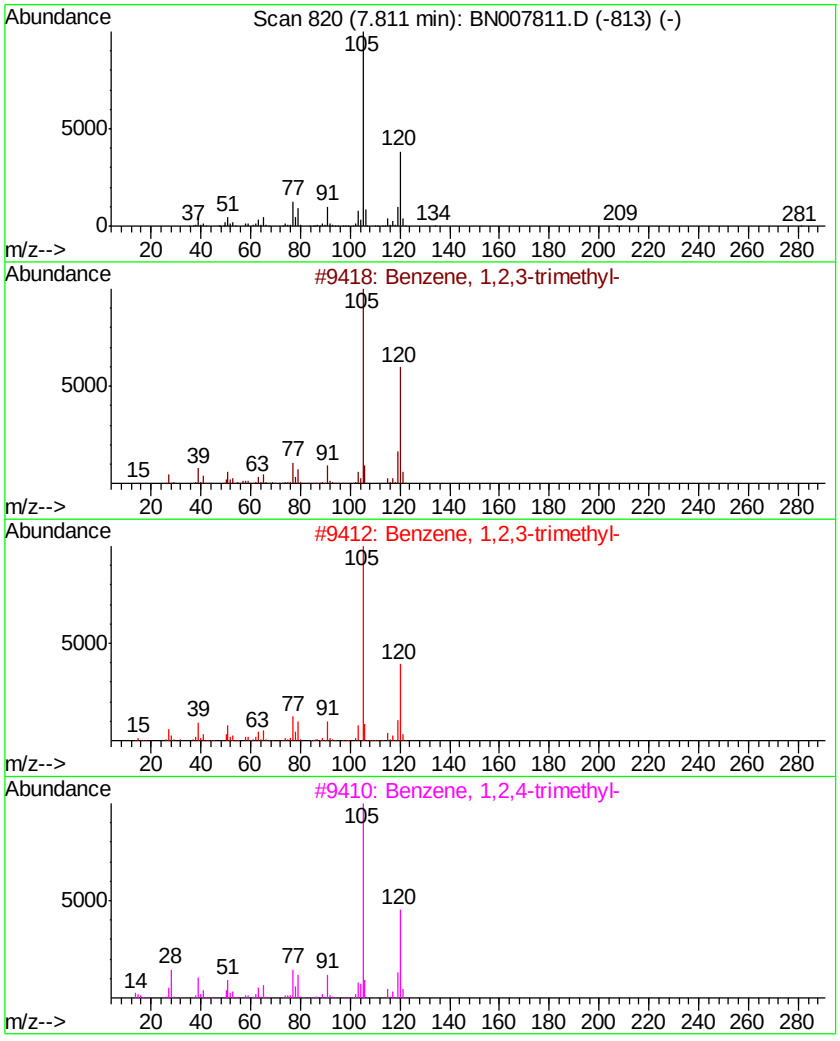

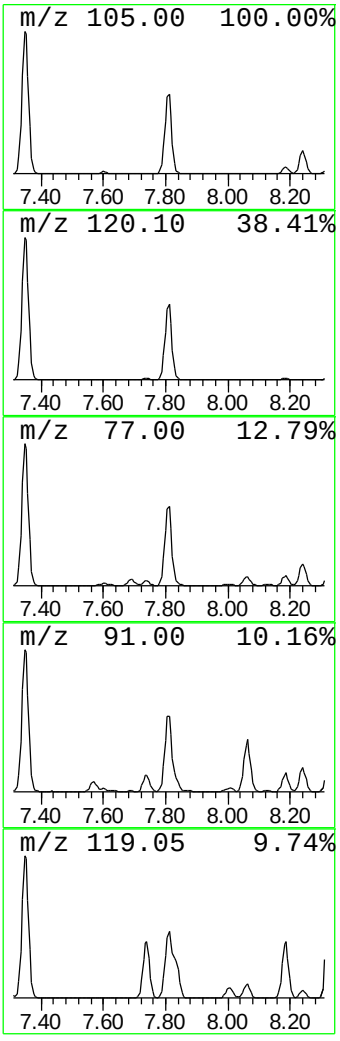

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Quant Title : SVOA CALIBRATION

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

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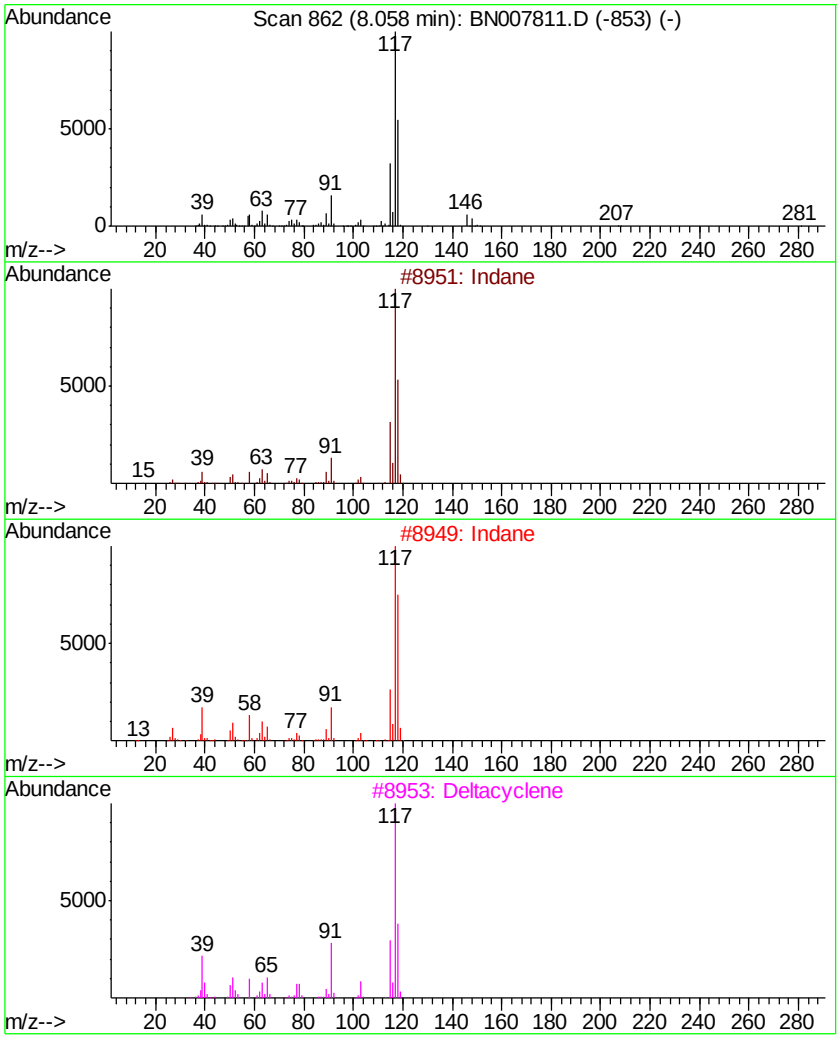
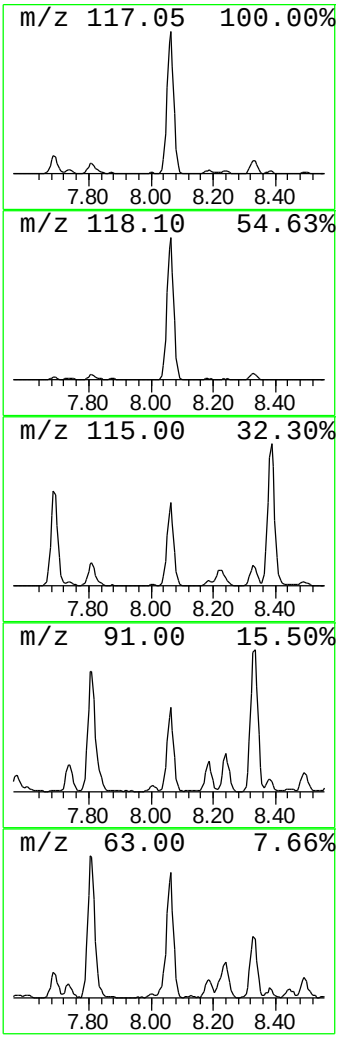
Peak Number 16 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	22.40 ng/ul	3794920	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	Deltacyclene	118	C9H10	007785-10-6	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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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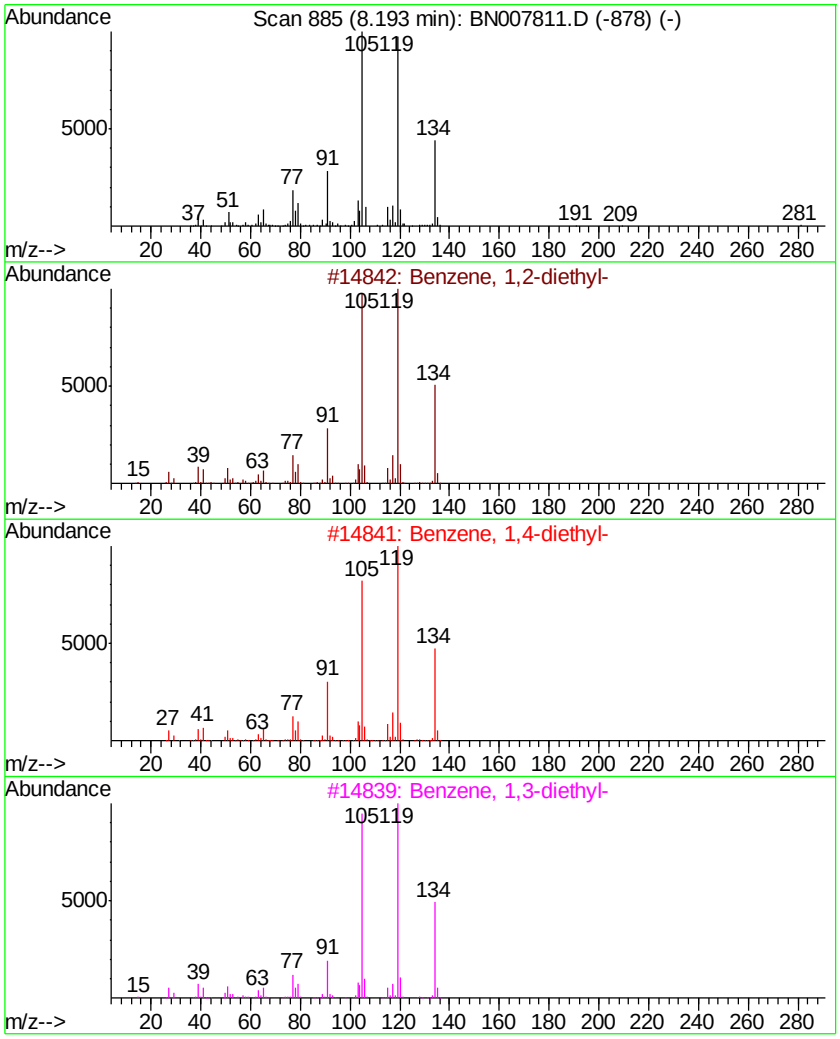
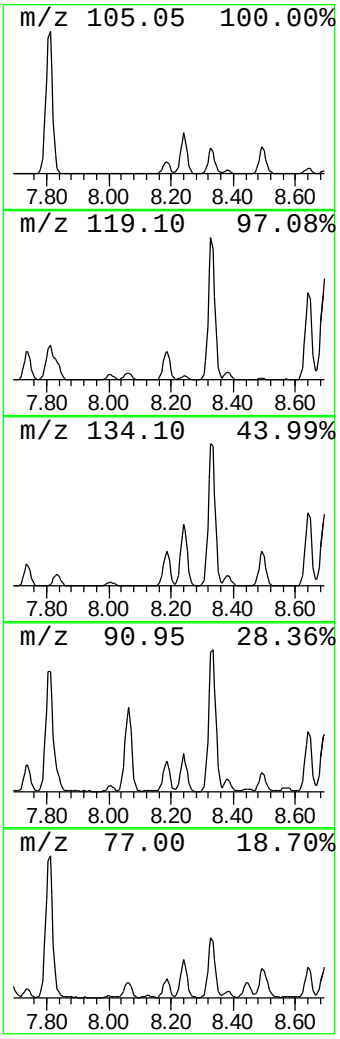
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.93 ng/ul	835181	1,4-Dichlorobenzene-d4	7.69

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





Library Search Compound Report

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Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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Quant Title : SVOA CALIBRATION

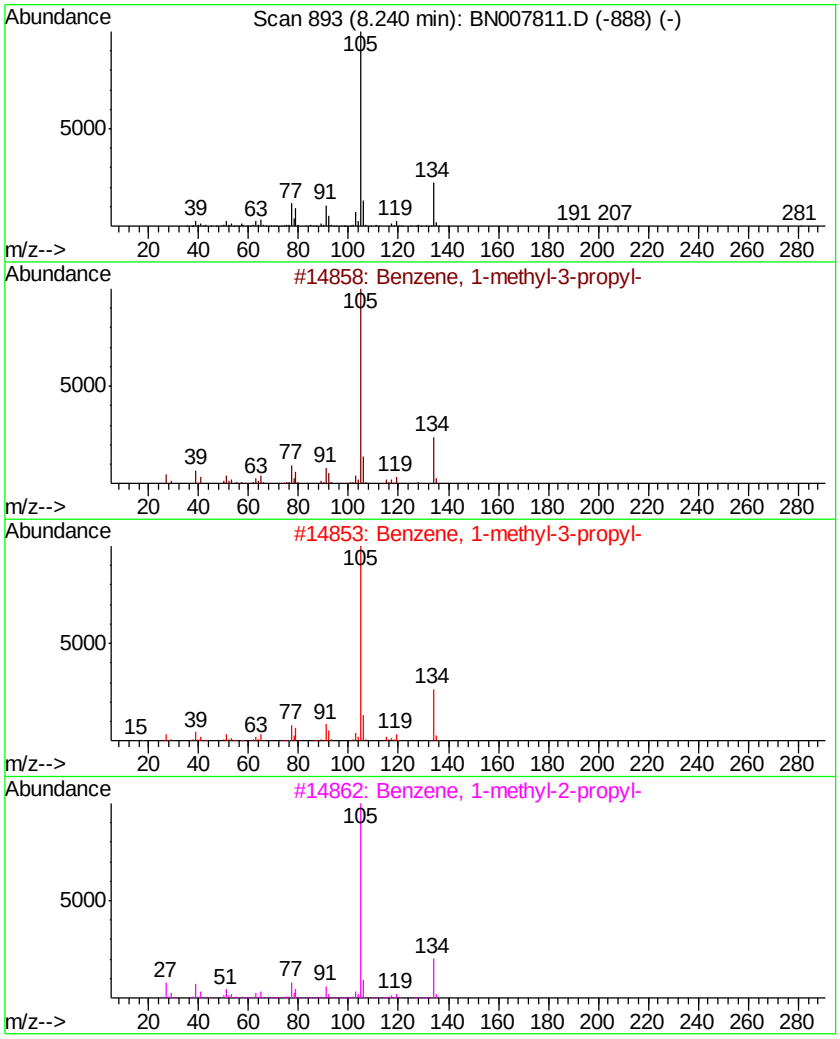
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

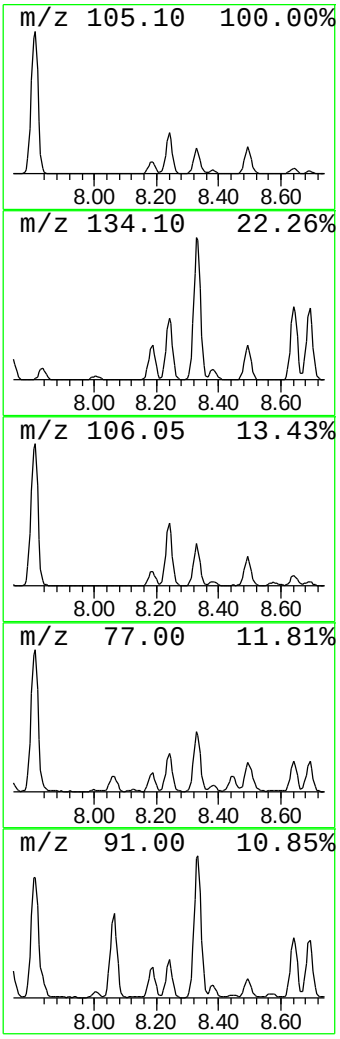
****

Peak Number 18 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	9.15 ng/ul	1549940	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	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	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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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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

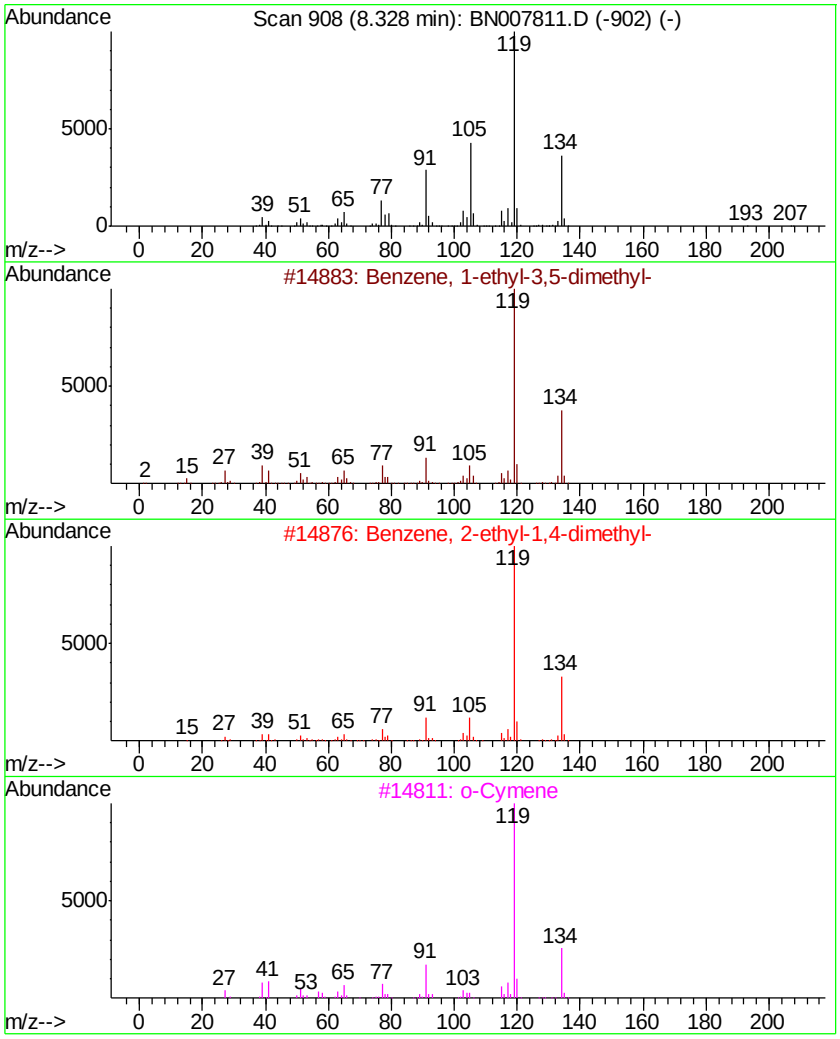
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

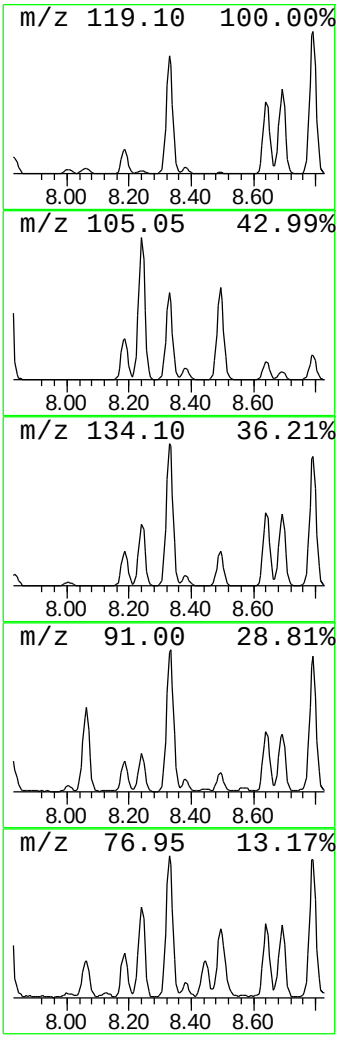
****

Peak Number 19 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	18.16 ng/ul	3077180	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





Library Search Compound Report

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Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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

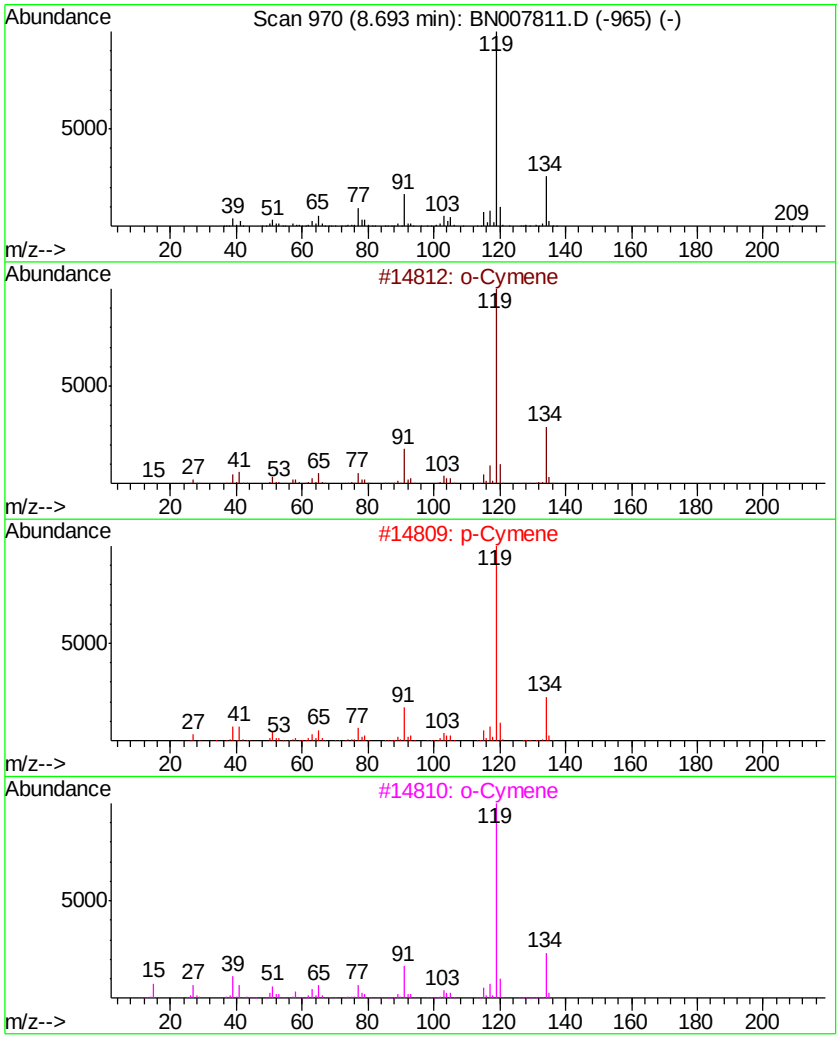
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

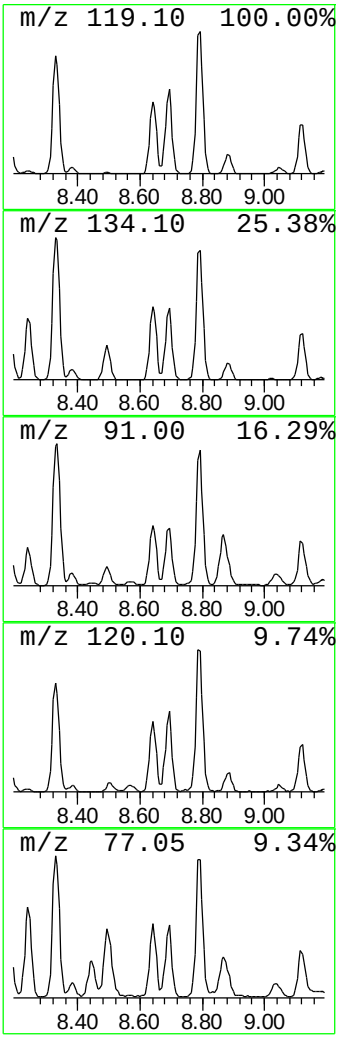
****

Peak Number 21 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	8.98 ng/ul	1521180	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	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
5	o-Cymene	134	C10H14	000527-84-4	97





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

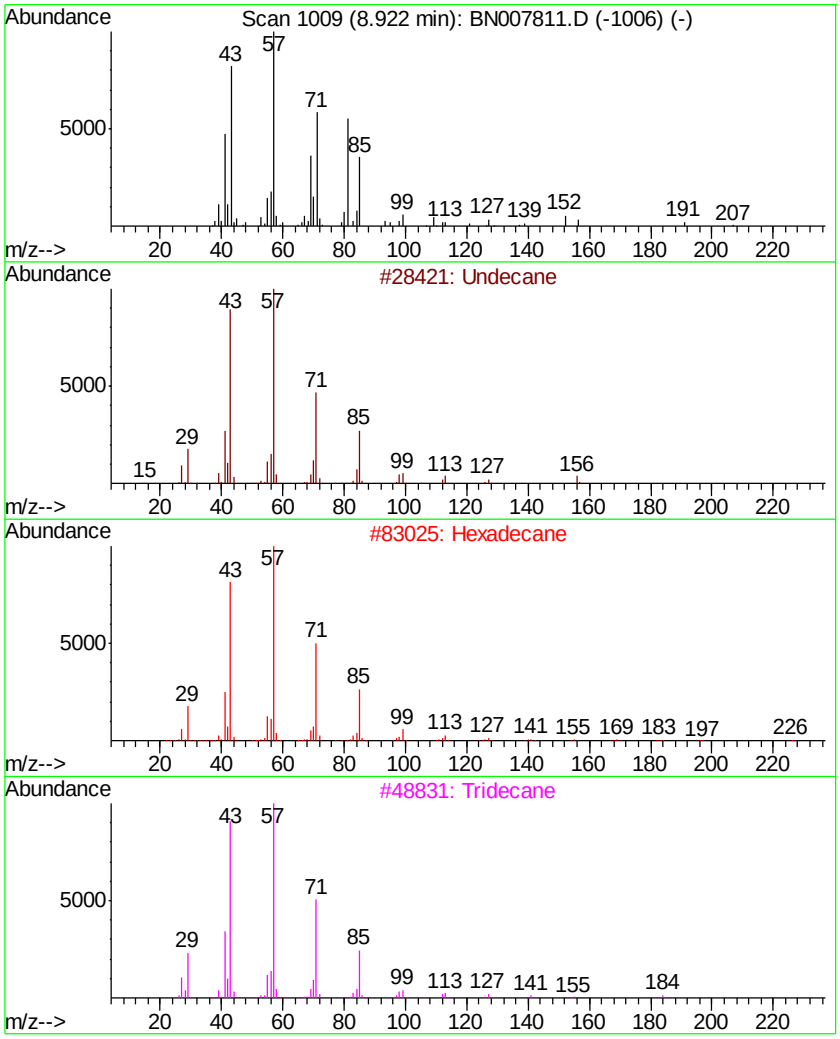
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

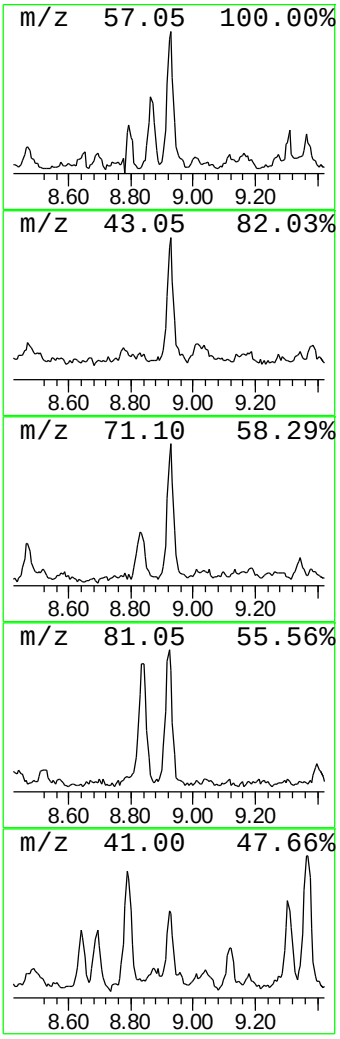
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	2.04 ng/ul	345293	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Tetradecane	198	C14H30	000629-59-4	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59





Library Search Compound Report

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Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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Quant Title : SVOA CALIBRATION

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

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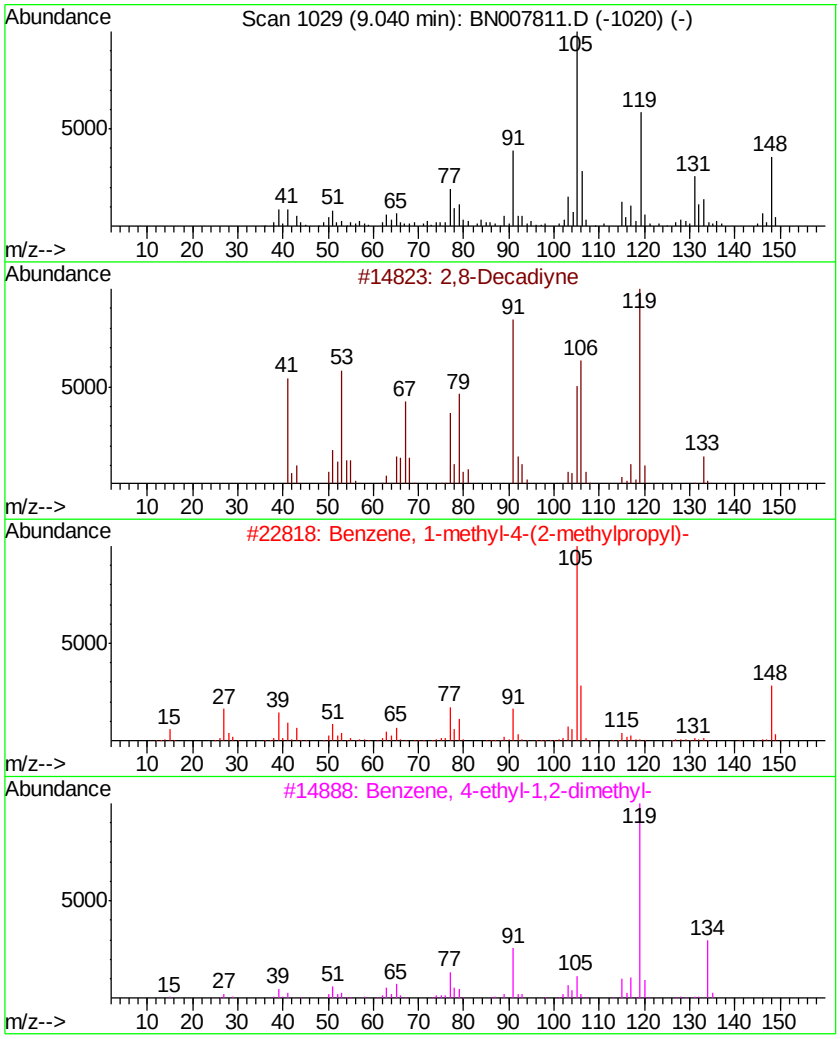
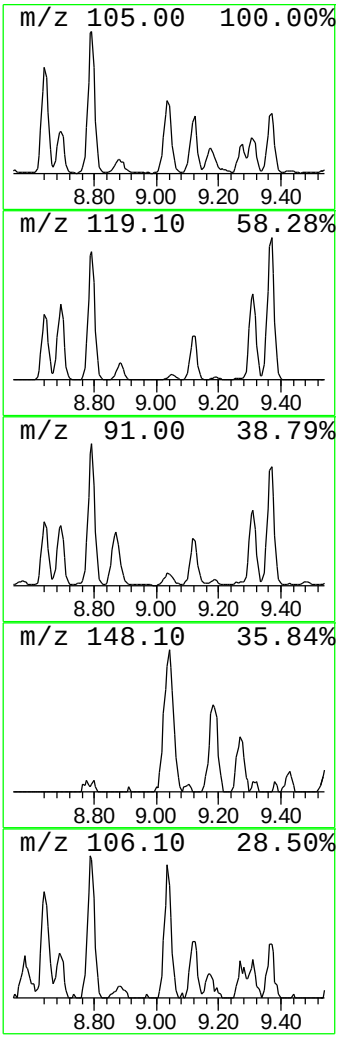
Peak Number 23 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.84 ng/ul	481105	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Decadiyne	134	C10H14	004116-93-2	43
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	38
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35





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Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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

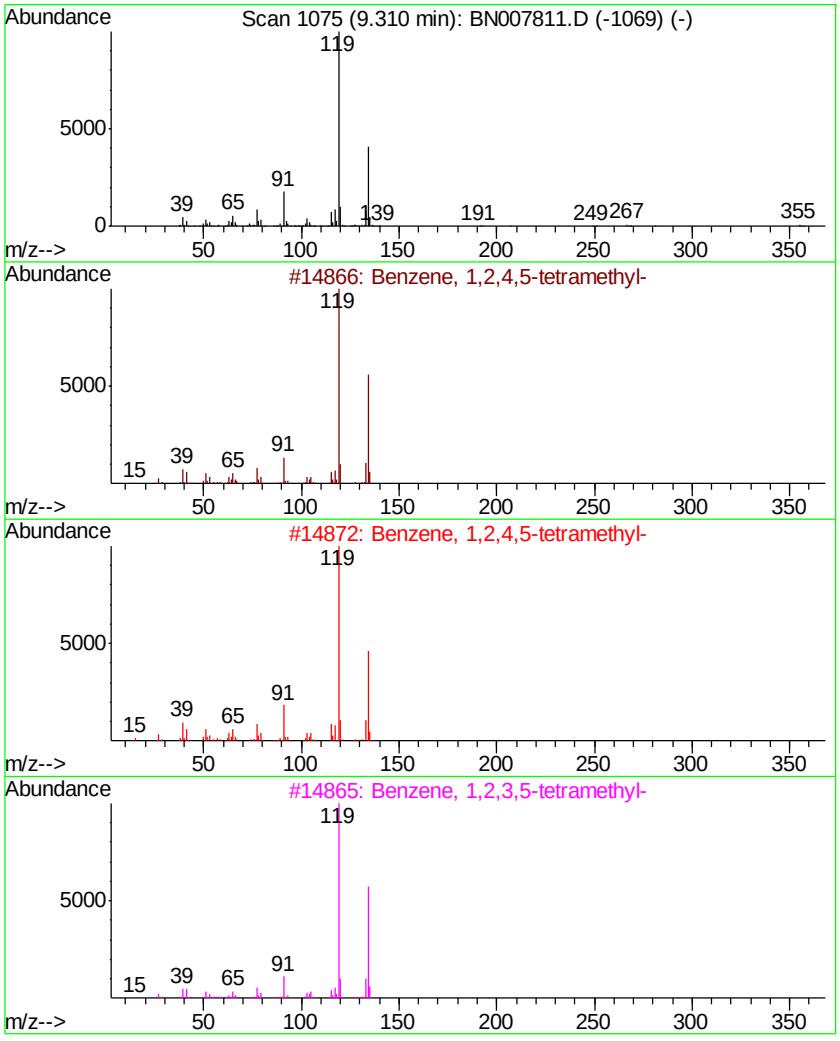
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

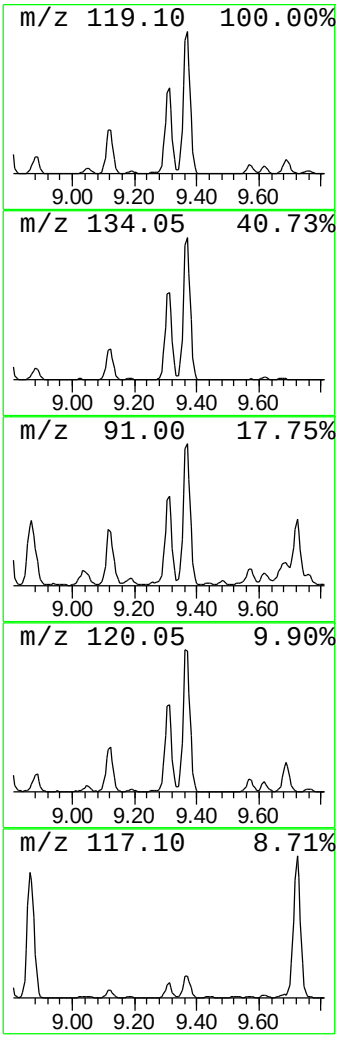
****

Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	6.37 ng/ul	1877540	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





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Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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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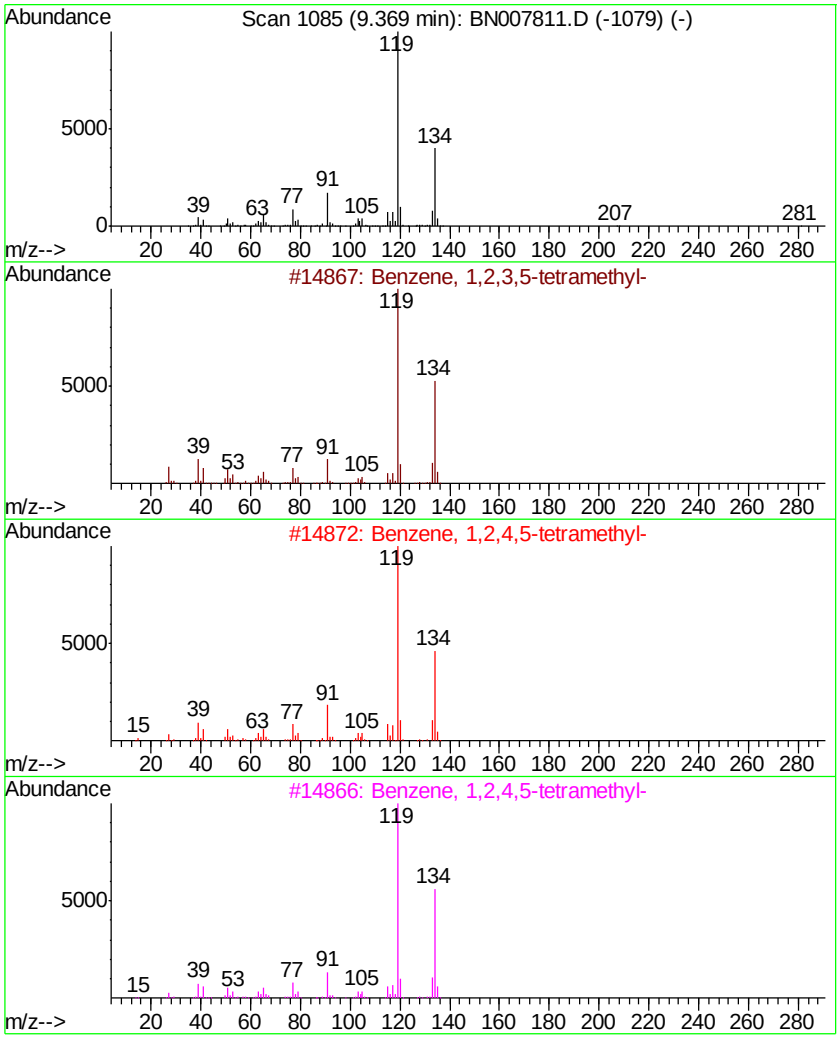
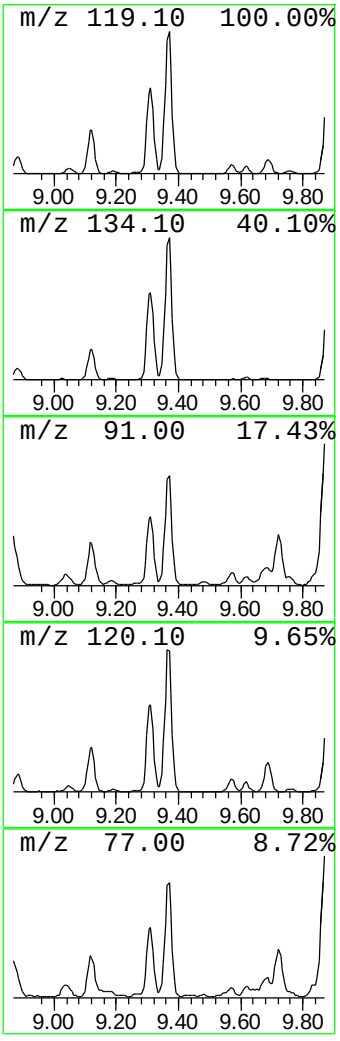
Peak Number 26 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	11.07 ng/ul	3262160	Naphthalene-d8	10.46

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





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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Quant Title : SVOA CALIBRATION

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

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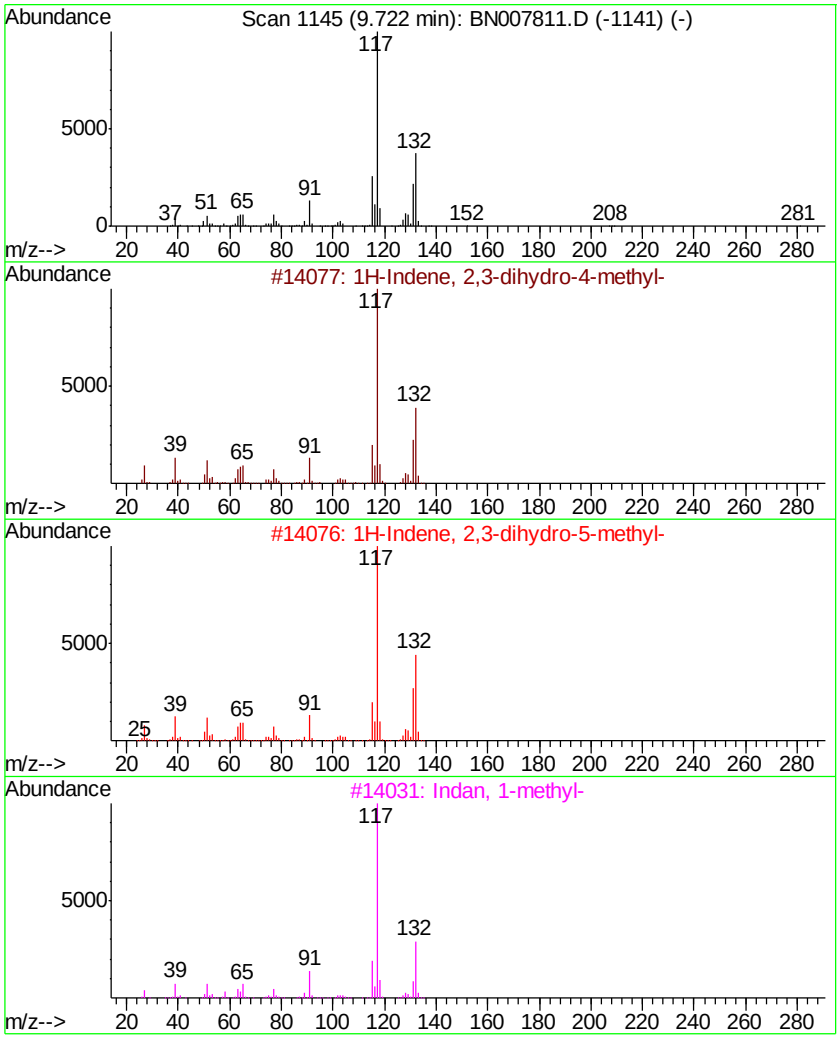
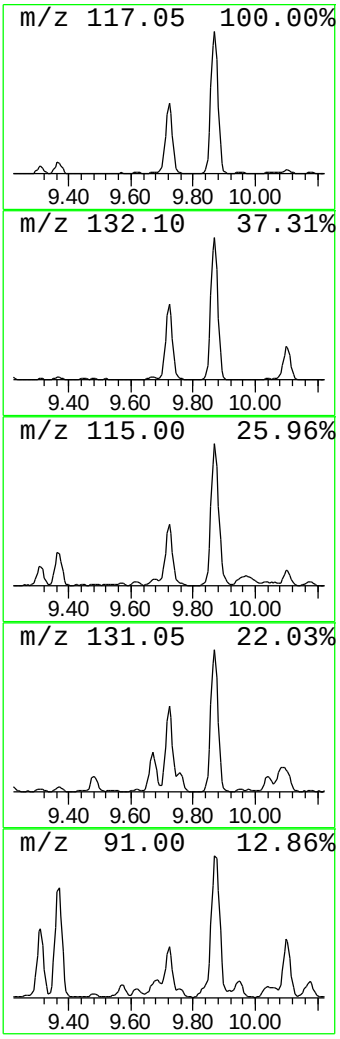
Peak Number 27 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.36 ng/ul	2170070	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	93
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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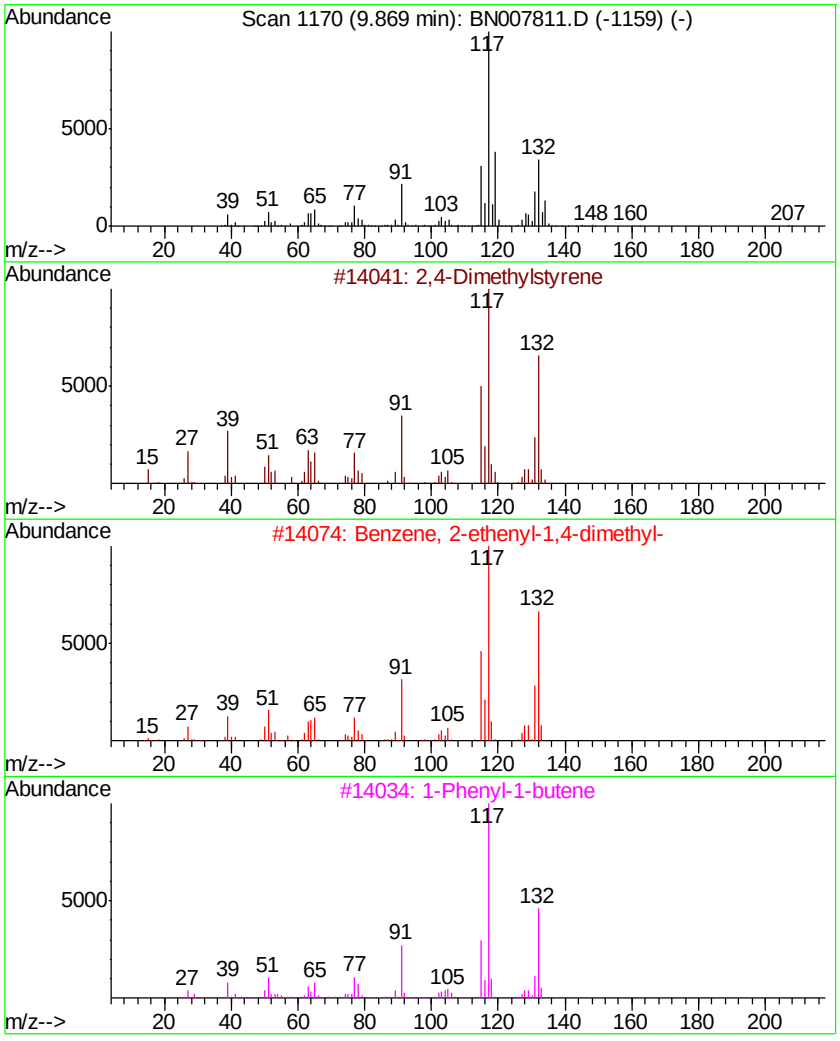
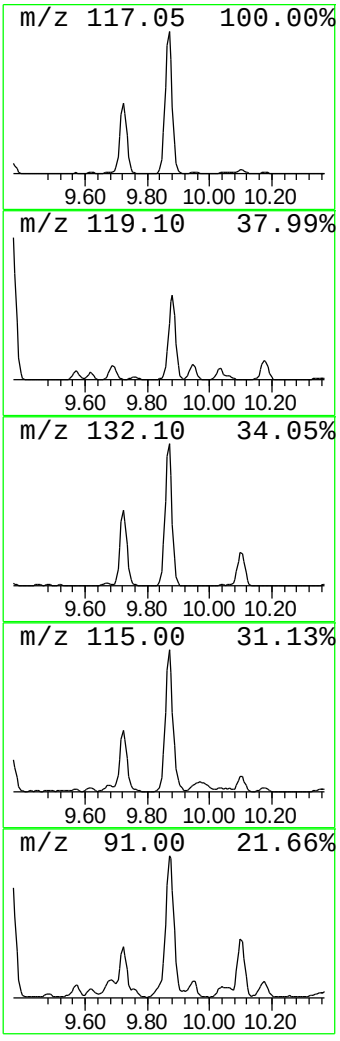
Peak Number 28 2,4-Dimethylstyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	21.53 ng/ul	6345330	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
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-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : BFDF6

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Quant Title : SVOA CALIBRATION

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

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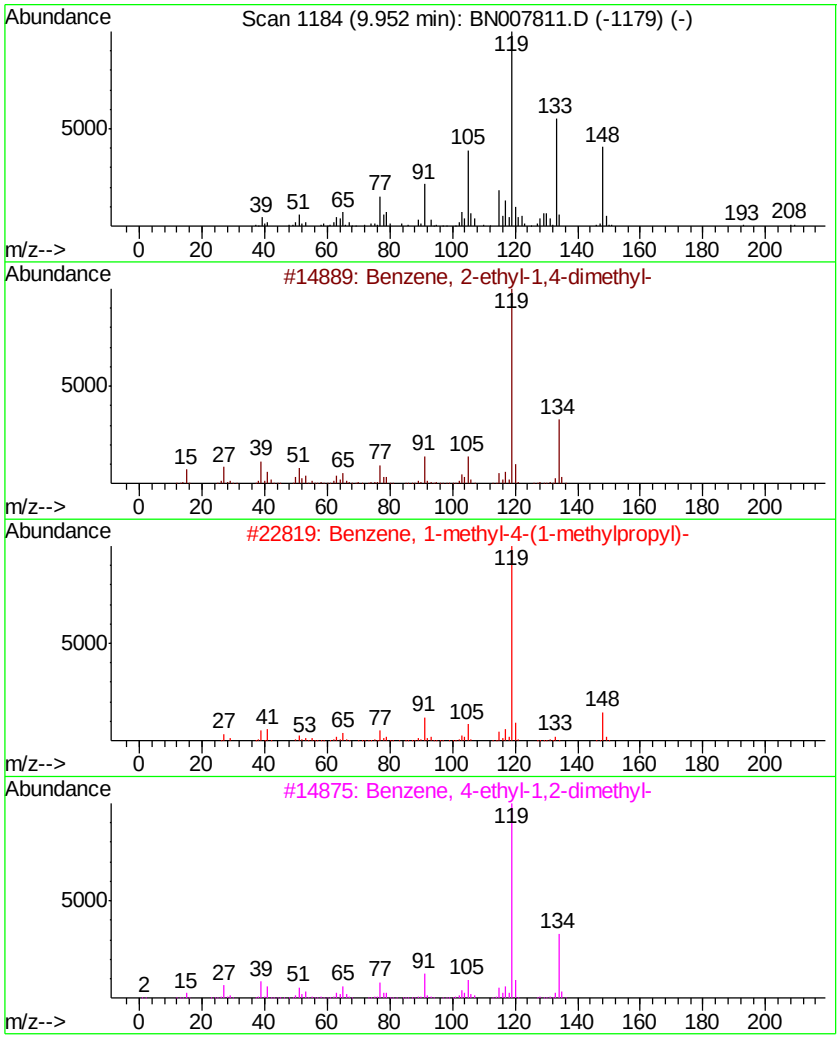
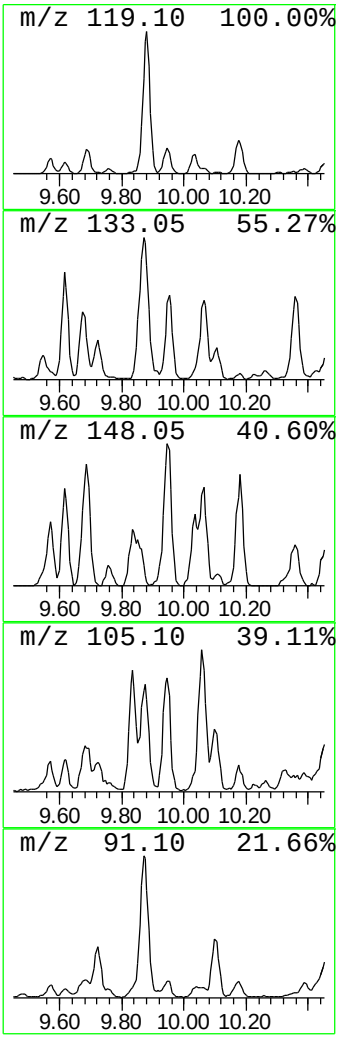
Peak Number 29 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.07 ng/ul	609137	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	55
5	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	53





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Misc :
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Instrument : BNA_N
ClientSampleId : BFDF6

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Quant Title : SVOA CALIBRATION

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

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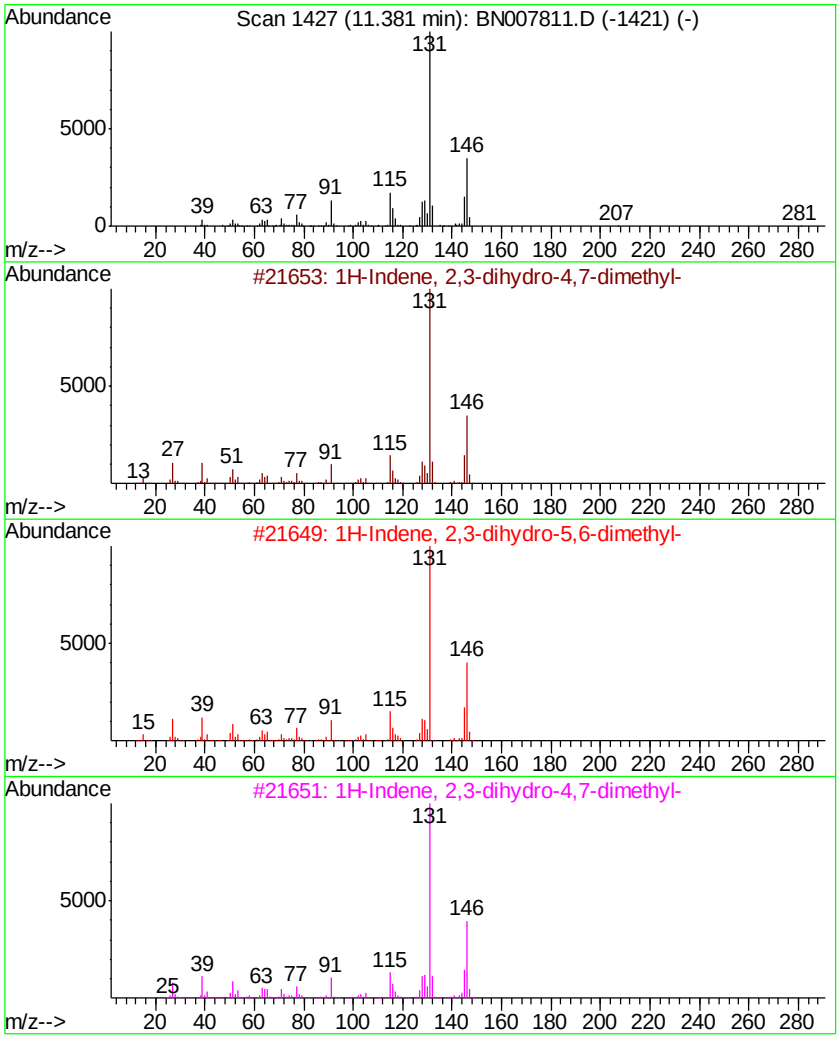
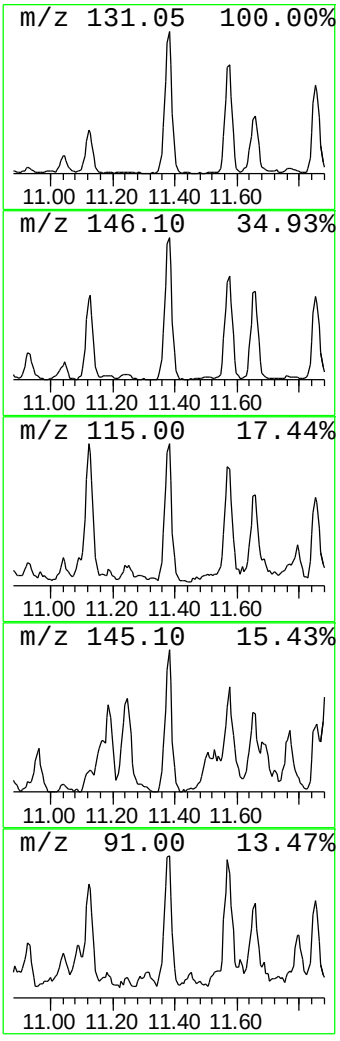
Peak Number 30 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	3.01 ng/ul	887986	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007811.D
Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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

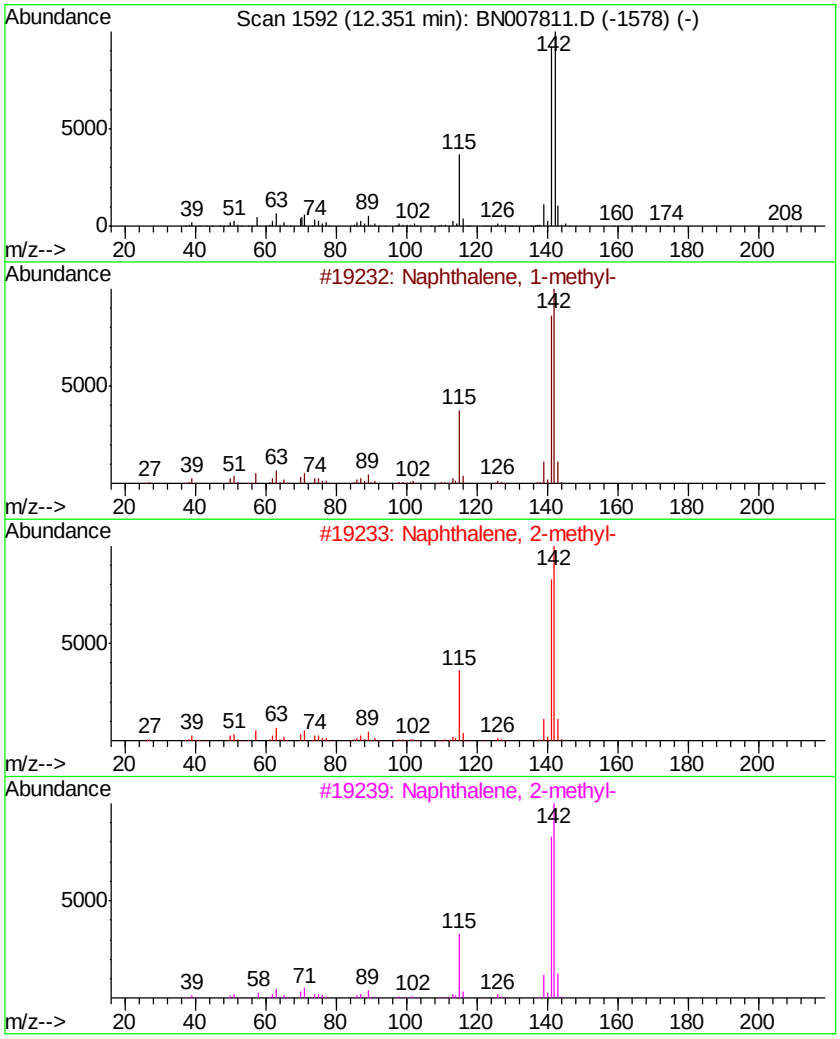
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

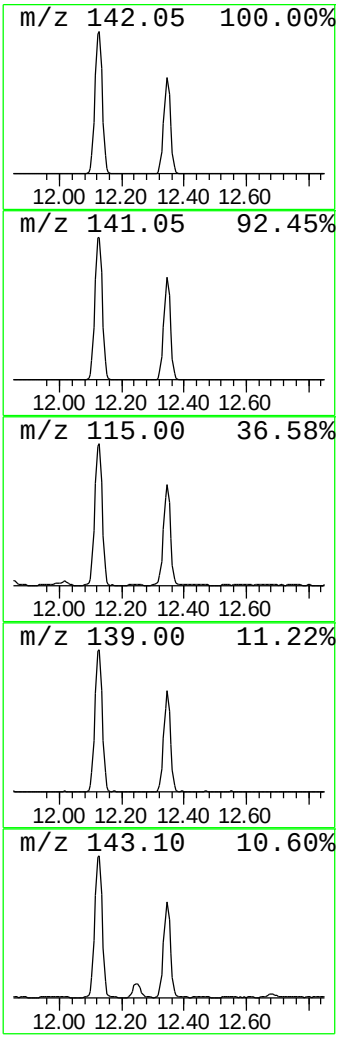
****

Peak Number 33 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	19.18 ng/ul	5654670	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	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007811.D
Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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

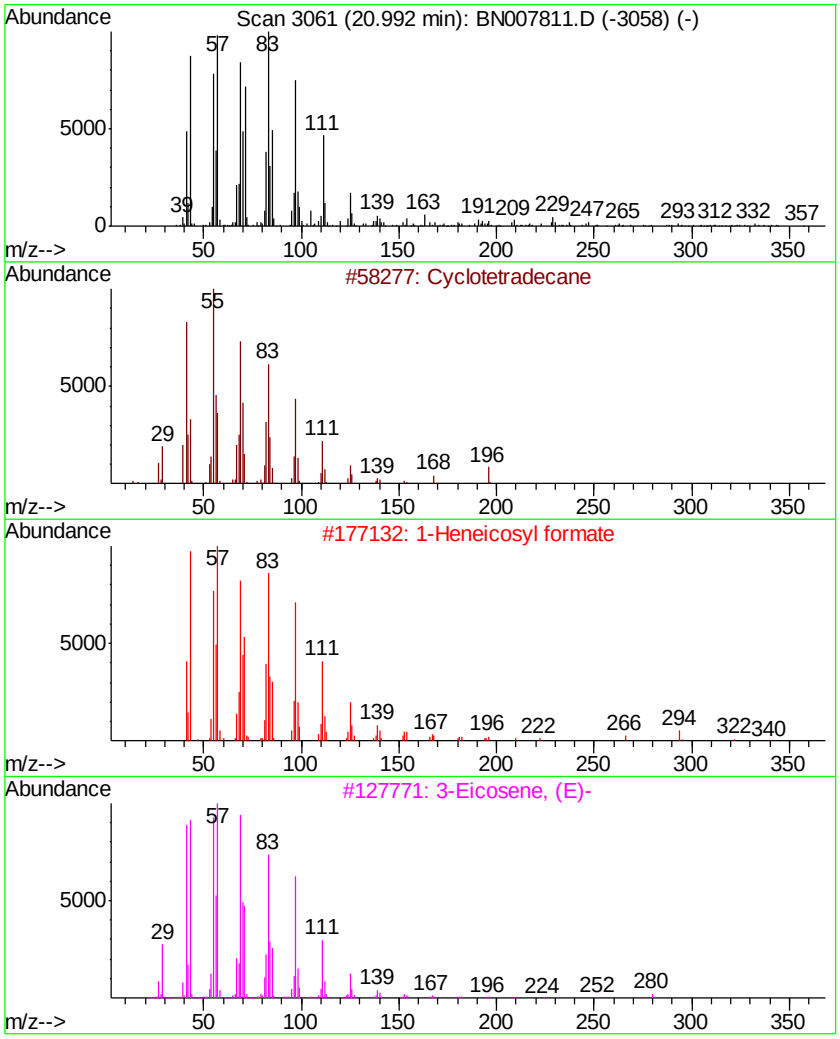
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

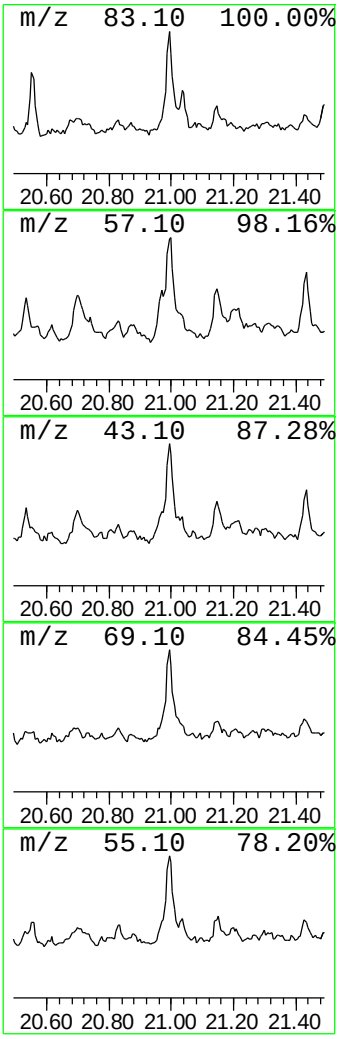
****

Peak Number 39 (DEL) Alkane: Cyclic20.99 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.08 ng/ul	986034	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Cyclotetradecane	196	C14H28	000295-17-0	90
5	Cyclohexadecane	224	C16H32	000295-65-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007811.D
Acq On : 23 Sep 2019 20:53
Operator : HP/JU
Sample : K4895-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF6

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	4.1	ng/ul	697382	1	7.69	3388070	20.0
Toluene	3.96	8.5	ng/ul	1440670	1	7.69	3388070	20.0
Propanoic acid, 2...	4.22	9.1	ng/ul	1542010	1	7.69	3388070	20.0
Propanoic acid, p...	4.39	14.1	ng/ul	2392730	1	7.69	3388070	20.0
Butanoic acid, 1-...	4.83	17.9	ng/ul	3029860	1	7.69	3388070	20.0
Ethylbenzene	5.25	6.8	ng/ul	1142890	1	7.69	3388070	20.0
Benzene, 1,3-dime...	5.38	37.3	ng/ul	6317960	1	7.69	3388070	20.0
Butanoic acid, pr...	5.68	3.1	ng/ul	519204	1	7.69	3388070	20.0
o-Xylene	5.74	26.7	ng/ul	4527010	1	7.69	3388070	20.0
Benzene, propyl-	6.69	4.3	ng/ul	720166	1	7.69	3388070	20.0
Benzene, 1-ethyl-...	6.80	27.6	ng/ul	4678430	1	7.69	3388070	20.0
Benzene, 1-ethyl-...	7.09	18.2	ng/ul	3076440	1	7.69	3388070	20.0
Benzene, 1,2,3-tr...	7.35	61.1	ng/ul	10348700	1	7.69	3388070	20.0
Benzene, 1,2,4-tr...	7.81	35.0	ng/ul	5924250	1	7.69	3388070	20.0
Indane	8.06	22.4	ng/ul	3794920	1	7.69	3388070	20.0
Benzene, 1,2-diet...	8.19	4.9	ng/ul	835181	1	7.69	3388070	20.0
Benzene, 1-methyl...	8.24	9.2	ng/ul	1549940	1	7.69	3388070	20.0
Benzene, 1-ethyl-...	8.33	18.2	ng/ul	3077180	1	7.69	3388070	20.0
o-Cymene	8.69	9.0	ng/ul	1521180	1	7.69	3388070	20.0
(DEL) Alkane: Str...	8.92	2.0	ng/ul	345293	1	7.69	3388070	20.0
unknown-01	9.04	2.8	ng/ul	481105	1	7.69	3388070	20.0
Benzene, 1,2,4,5-...	9.31	6.4	ng/ul	1877540	2	10.46	5895670	20.0
Benzene, 1,2,3,5-...	9.37	11.1	ng/ul	3262160	2	10.46	5895670	20.0
1H-Indene, 2,3-di...	9.72	7.4	ng/ul	2170070	2	10.46	5895670	20.0
2,4-Dimethylstyrene	9.87	21.5	ng/ul	6345330	2	10.46	5895670	20.0
Benzene, 2-ethyl-...	9.95	2.1	ng/ul	609137	2	10.46	5895670	20.0
1H-Indene, 2,3-di...	11.38	3.0	ng/ul	887986	2	10.46	5895670	20.0
Naphthalene, 1-me...	12.35	19.2	ng/ul	5654670	2	10.46	5895670	20.0
(DEL) Alkane: Cyc...	20.99	2.1	ng/ul	986034	5	21.26	9485840	20.0