LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.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	3.205	31	37	45	rBV	2919062	5190019	29.12%	3.590%
2	3.270	45	48	51	rVV	478684	673625	3.78%	0.466%
3	3.305	51	54	66	rVB	190264	329347	1.85%	0.228%
4	3.940	157	162	171	rVB	303428	472800	2.65%	0.327%
5	4.628	267	279	288	rVB	146248	351182	1.97%	0.243%
6	5.152	361	368	373	rBV	132657	211189	1.18%	0.146%
7	5.216	373	379	394	rVV	1210834	1815998	10.19%	1.256%
8	5.346	394	401	417	rVB	2871602	5613382	31.49%	3.883%
9	5.705	455	462	472	rBV	1595101	2478378	13.91%	1.714%
10	6.169	535	541	551	rBV	146592	319404	1.79%	0.221%
11	6.358	567	573	581	rVB	419150	670110	3.76%	0.463%
12	6.846	647	656	672	rVB3	276895	919870	5.16%	0.636%
13	7.005	676	683	689	rBV	828287	1302216	7.31%	0.901%
14	7.199	711	716	723	rVB	852468	1371281	7.69%	0.948%
15	7.599	779	784	789	rBV2	180985	268630	1.51%	0.186%
16	7.658	789	794	801	rVB	682177	1076876	6.04%	0.745%
17	7.793	809	817	826	rVB	566483	935976	5.25%	0.647%
18	7.881	826	832	837	rBV2	109044	200274	1.12%	0.139%
19	8.028	851	857	863	rVV	224122	375972	2.11%	0.260%
20	8.110	863	871	880	rVV	1790746	2855928	16.02%	1.975%
21	8.187	880	884	893	rVB2	118368	218627	1.23%	0.151%
22	8.375	909	916	921	rBV	623902	1060277	5.95%	0.733%
23	8.434	921	926	940	rVB	666690	1406364	7.89%	0.973%
24	8.810	984	990	997	rVV	1020465	1817196	10.20%	1.257%
25	8.887	997	1003	1011	rVB	1859664	2917866	16.37%	2.018%
26	9.075	1030	1035	1042	rBV4	155135	329573	1.85%	0.228%
27	9.163	1046	1050	1057	rVB2	124815	220534	1.24%	0.153%
28	9.422	1088	1094	1103	rVB4	177393	450828	2.53%	0.312%
29	9.522	1103	1111	1117	rBV	843810	1470162	8.25%	1.017%
30	9.628	1123	1129	1132	rBV	1154998	1863169	10.45%	1.289%
31	9.663	1132	1135	1142	rVB3	682850	1184360	6.65%	0.819%
32	9.810	1147	1160	1162	rVV	1040410	2924904	16.41%	2.023%
33	9.852	1162	1167	1171	rVV2	3142700	6244894	35.04%	4.319%
34	9.899	1172	1175	1179	rVV	1090956	2018702	11.33%	1.396%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.M
Title : SVOA CALIBRATION

35	9.940	1179	1182	1186	rVV	556533	937013	5.26%	0.648%
36	9.981	1186	1189	1195	rVV2	349581	579877	3.25%	0.401%
37	10.069	1195	1204	1213	rVB2	1421592	3048727	17.11%	2.109%
38	10.228	1225	1231	1235	rBV2	89771	204820	1.15%	0.142%
39	10.304	1238	1244	1253	rVB2	1390143	2421522	13.59%	1.675%
40	10.434	1259	1266	1269	rBV	887214	1552997	8.71%	1.074%
41	10.493	1269	1276	1283	rVV2	9172019	17823218	100.00%	12.328%
42	10.593	1286	1293	1304	rVB4	633169	1526829	8.57%	1.056%
43	10.716	1304	1314	1322	rBV	255962	539980	3.03%	0.373%
44	10.804	1322	1329	1335	rBV2	385369	791484	4.44%	0.547%
45	10.893	1339	1344	1352	rVB2	264051	448578	2.52%	0.310%
46	10.981	1352	1359	1361	rBV	320601	538045	3.02%	0.372%
47	11.051	1362	1371	1378	rVB	710502	1934289	10.85%	1.338%
48	11.199	1389	1396	1401	rBV	447815	763387	4.28%	0.528%
49	11.269	1401	1408	1413	rBV2	1100562	2364625	13.27%	1.636%
50	11.463	1434	1441	1446	rBV2	159563	297795	1.67%	0.206%
51	11.522	1446	1451	1456	rBV3	164447	321228	1.80%	0.222%
52	12.098	1543	1549	1555	rVB	1245818	1958000	10.99%	1.354%
53	12.187	1555	1564	1572	rBV4	366151	861481	4.83%	0.596%
54	12.316	1576	1586	1597	rVB	1673002	3408037	19.12%	2.357%
55	13.098	1713	1719	1720	rBV	130661	210806	1.18%	0.146%
56	13.122	1720	1723	1735	rVB2	294743	692006	3.88%	0.479%
57	13.451	1773	1779	1781	rBV3	171867	320608	1.80%	0.222%
58	13.616	1802	1807	1811	rBV2	146103	285170	1.60%	0.197%
59	13.710	1818	1823	1828	rVB	1906593	2654769	14.90%	1.836%
60	13.851	1842	1847	1850	rBV3	164101	264458	1.48%	0.183%
61	13.987	1864	1870	1885	rVB	2326631	3960330	22.22%	2.739%
62	14.292	1913	1922	1928	rBV2	1257033	2168418	12.17%	1.500%
63	14.357	1928	1933	1940	rVV	1976962	2881286	16.17%	1.993%
64	14.428	1941	1945	1952	rVB	237840	363243	2.04%	0.251%
65	14.587	1968	1972	1979	rVB4	153507	372479	2.09%	0.258%
66	14.692	1985	1990	1995	rBV	777406	1179951	6.62%	0.816%
67	14.834	2010	2014	2021	rVB	177421	242364	1.36%	0.168%
68	14.916	2023	2028	2035	rVV4	133579	265449	1.49%	0.184%
69	15.292	2086	2092	2097	rBV	2741917	3870716	21.72%	2.677%
70	15.345	2097	2101	2110	rVB	1183629	1666191	9.35%	1.152%
71	15.428	2110	2115	2119	rBV	513177	764124	4.29%	0.529%

LSC Area Percent Report

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Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.M
Title : SVOA CALIBRATION

72	15.469	2119	2122	2126	rVV	285041	393848	2.21%	0.272%
73	15.669	2153	2156	2164	rVB3	244339	427658	2.40%	0.296%
74	16.134	2231	2235	2238	rBV3	152279	234362	1.31%	0.162%
75	16.222	2246	2250	2258	rVB6	123457	251560	1.41%	0.174%
76	16.328	2261	2268	2270	rBV4	179089	336064	1.89%	0.232%
77	16.634	2316	2320	2325	rVB3	200324	258948	1.45%	0.179%
78	17.045	2384	2390	2393	rBV	1299866	1818390	10.20%	1.258%
79	17.086	2393	2397	2401	rVV	1079577	1484370	8.33%	1.027%
80	17.145	2401	2407	2418	rVV2	2568882	4027171	22.60%	2.785%
81	17.239	2418	2423	2428	rVB2	444906	668918	3.75%	0.463%
82	17.451	2455	2459	2464	rVB	381893	543140	3.05%	0.376%
83	17.951	2540	2544	2557	rBV2	538376	897637	5.04%	0.621%
84	18.228	2587	2591	2596	rBV2	147498	225223	1.26%	0.156%
85	18.745	2675	2679	2686	rBV	397341	548242	3.08%	0.379%
86	19.239	2759	2763	2768	rBV2	196264	295543	1.66%	0.204%
87	19.328	2774	2778	2782	rBV2	151858	225387	1.26%	0.156%
88	19.445	2792	2798	2805	rBV	2753633	3814166	21.40%	2.638%
89	19.892	2870	2874	2880	rBV	196400	309386	1.74%	0.214%
90	20.075	2902	2905	2910	rVB3	156708	207219	1.16%	0.143%
91	20.139	2913	2916	2921	rVB	182667	229500	1.29%	0.159%
92	20.945	3049	3053	3056	rBV	257007	376291	2.11%	0.260%
93	21.245	3099	3104	3110	rBV	1490209	1848220	10.37%	1.278%
94	22.292	3279	3282	3287	rVB	163847	208045	1.17%	0.144%
95	22.416	3299	3303	3314	rVB	1052522	1416475	7.95%	0.980%
96	22.786	3363	3366	3373	rVB	232298	324073	1.82%	0.224%
97	23.327	3451	3458	3469	rVB	2201902	4296110	24.10%	2.971%
98	23.468	3476	3482	3492	rVB	1012075	1986242	11.14%	1.374%
99	23.974	3564	3568	3576	rVB	268162	483014	2.71%	0.334%
100	24.704	3688	3692	3701	rVB	210070	399476	2.24%	0.276%

Sum of corrected areas: 144578891

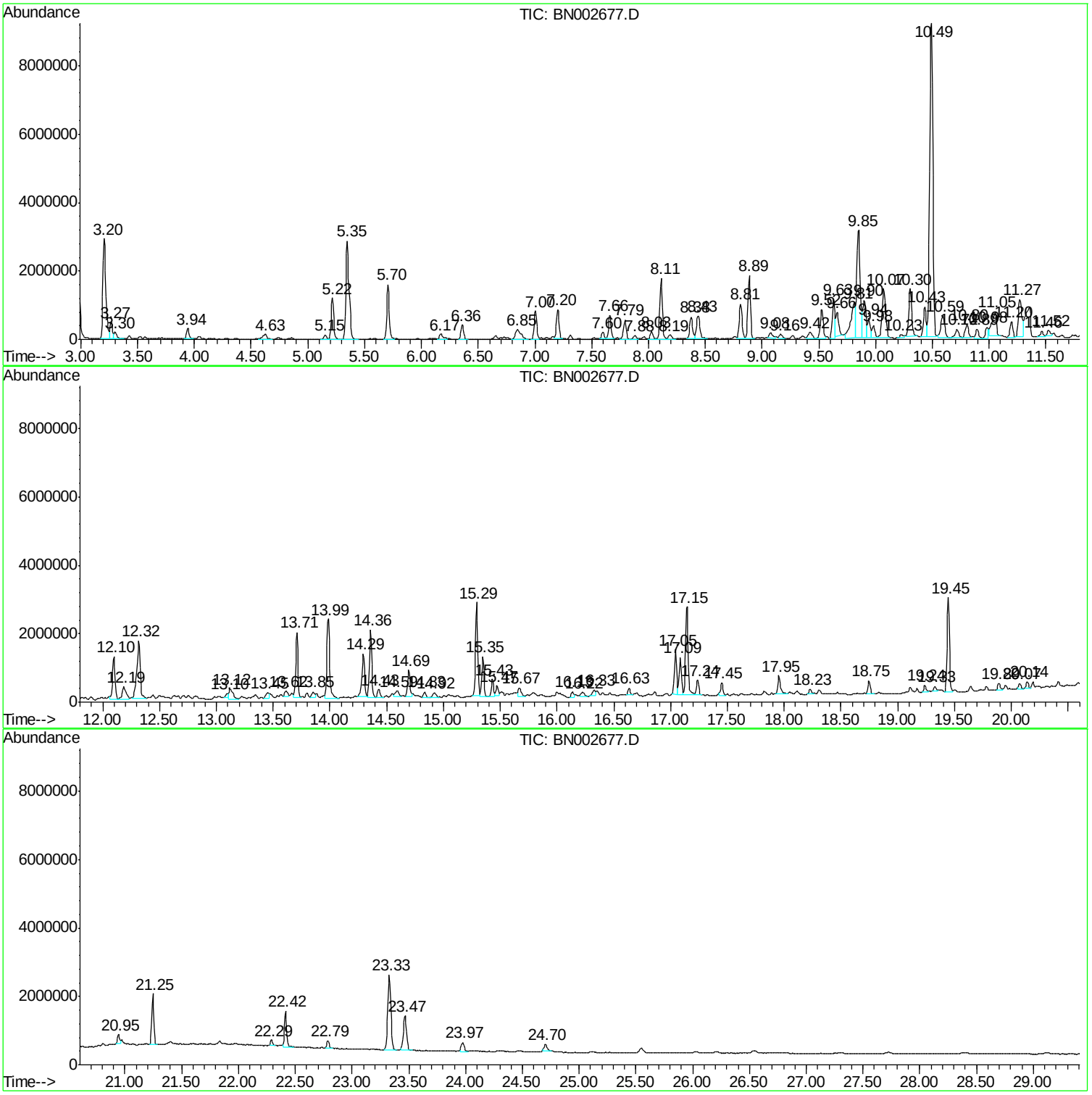
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

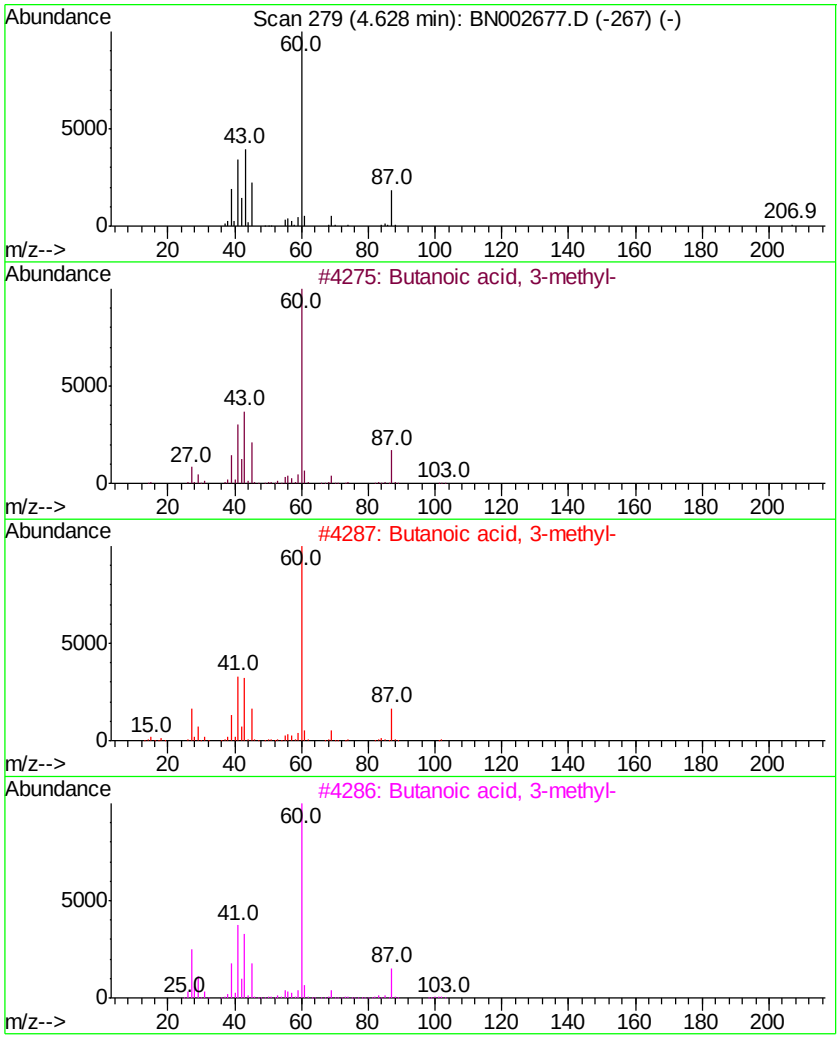
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

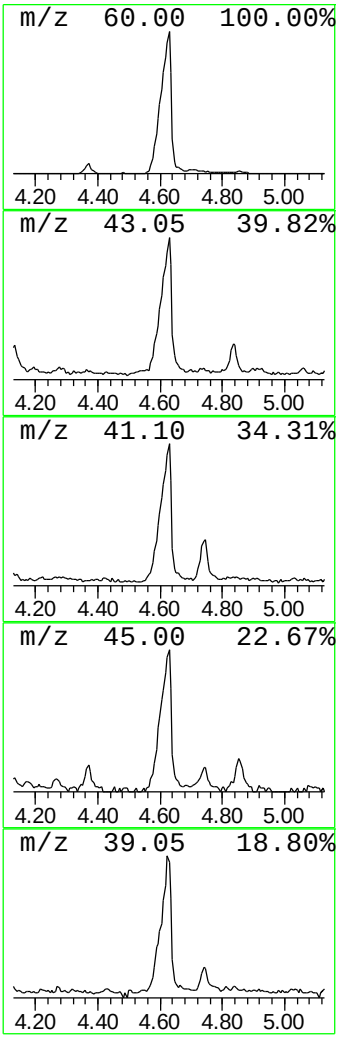
****

Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	6.52 ng/ul	351182	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
4	N-Carbomethoxy-N-methoxymethylamine	119	C4H9NO3	153654-07-0	45
5	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

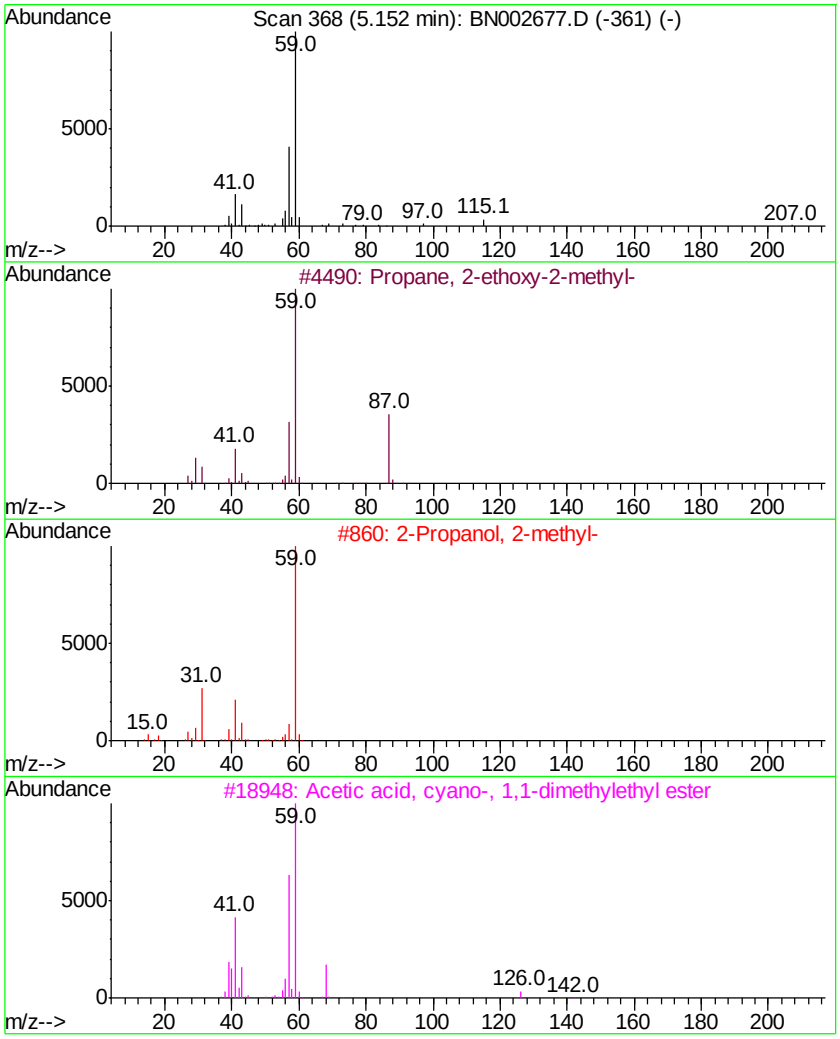
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

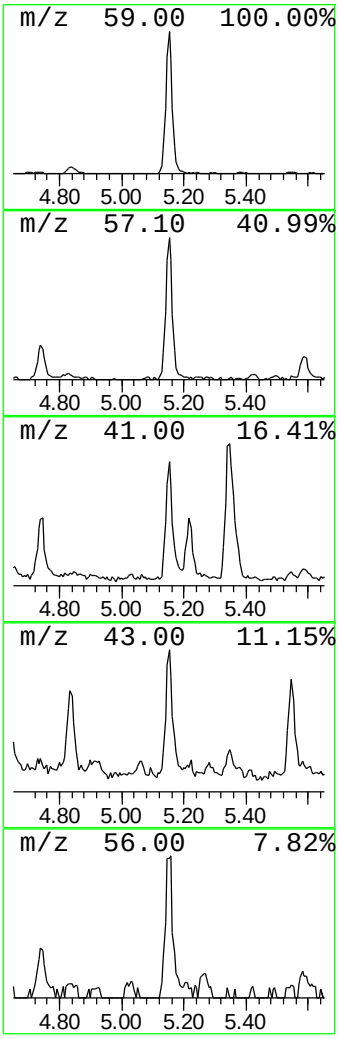
****

Peak Number 3 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.92 ng/ul	211189	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	40
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
4	Acetic acid, 3-methoxy-2-butyl e...	146	C7H14O3	1000151-29-7	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

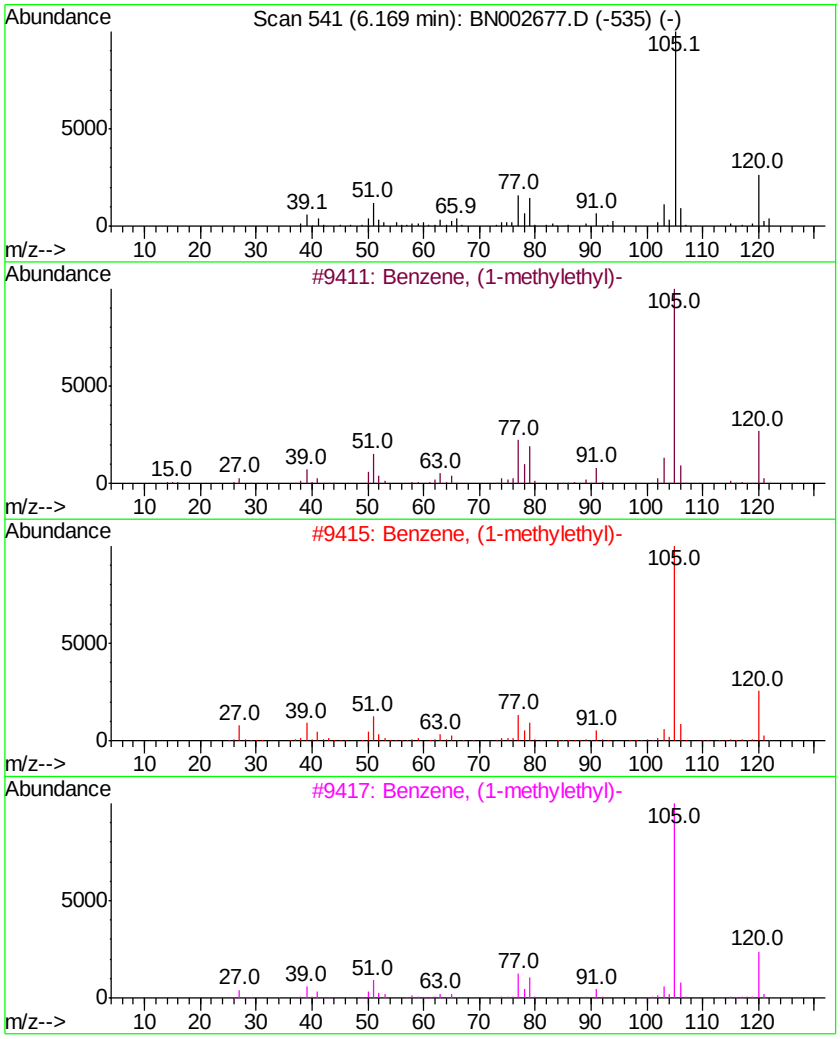
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

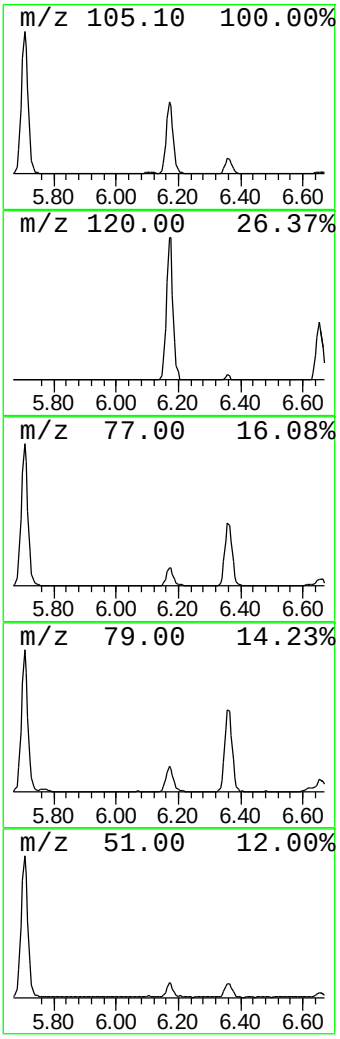
****

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	5.93 ng/ul	319404	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

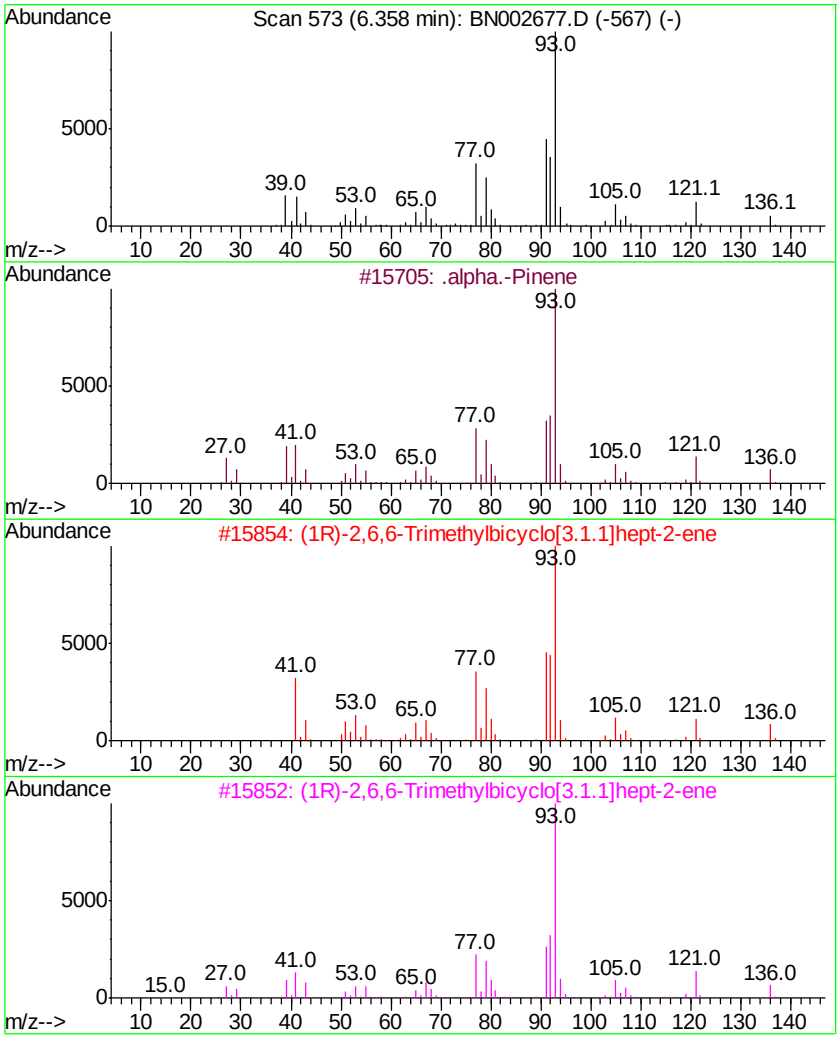
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

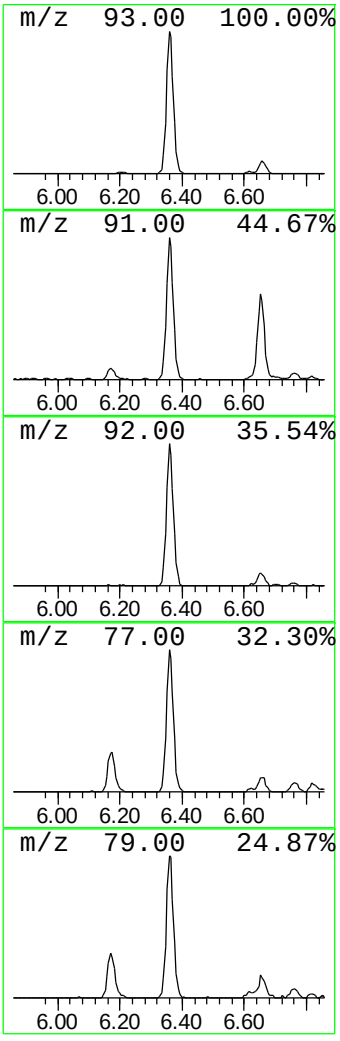
****

Peak Number 8 .alpha.-Pinene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	12.45 ng/ul	670110	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
4	.alpha.-Pinene	136	C10H16	000080-56-8	95
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

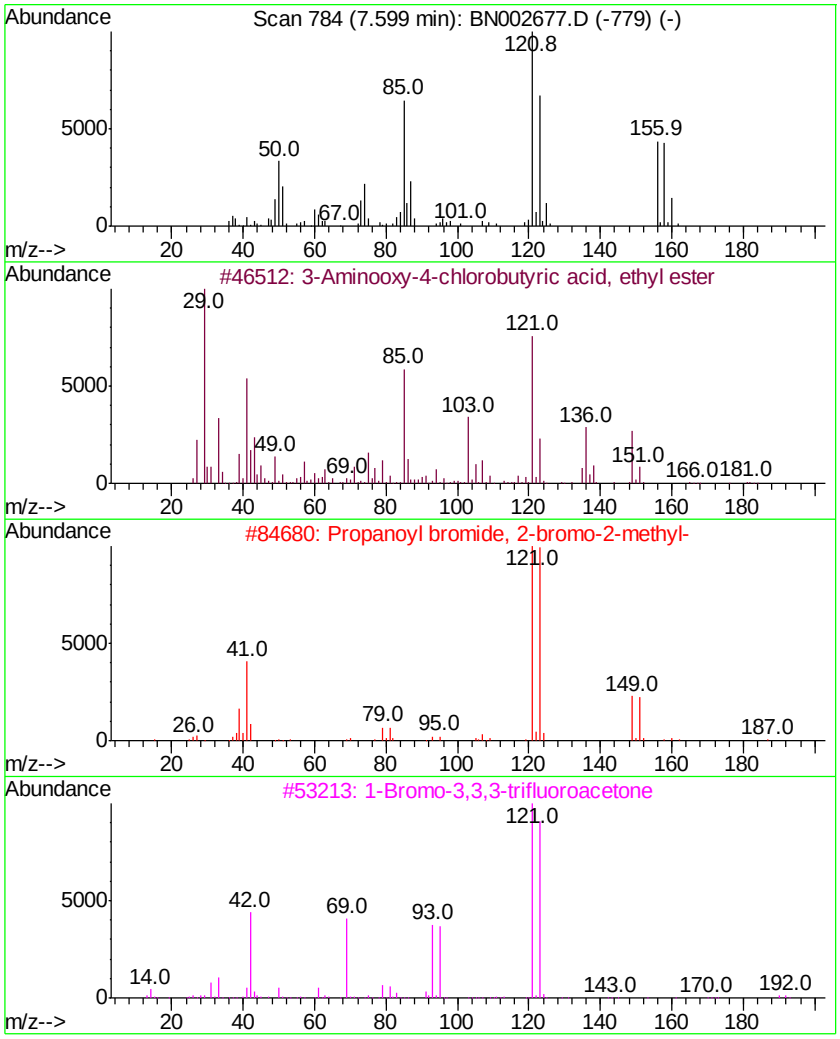
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

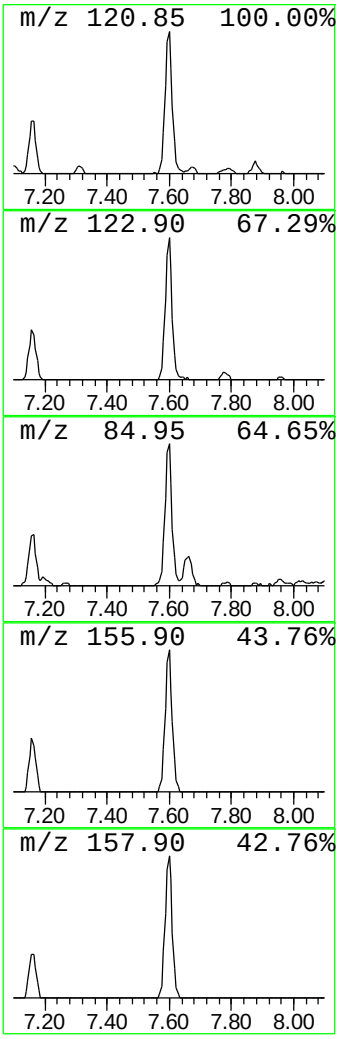
****

Peak Number 9 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.99 ng/ul	268630	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Aminooxy-4-chlorobutyric acid,...	181	C6H12ClNO3	1000186-78-9	23
2	Propanoyl bromide, 2-bromo-2-met...	228	C4H6Br2O	020769-85-1	16
3	1-Bromo-3,3,3-trifluoroacetone	190	C3H2BrF3O	000431-35-6	12
4	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	10
5	Benzonitrile, 4-fluoro-	121	C7H4FN	001194-02-1	9





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Operator : JU/SJ
Sample : J4864-03
Misc :
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Instrument : BNA_N
ClientSampleId : C0D09

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Quant Title : SVOA CALIBRATION

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

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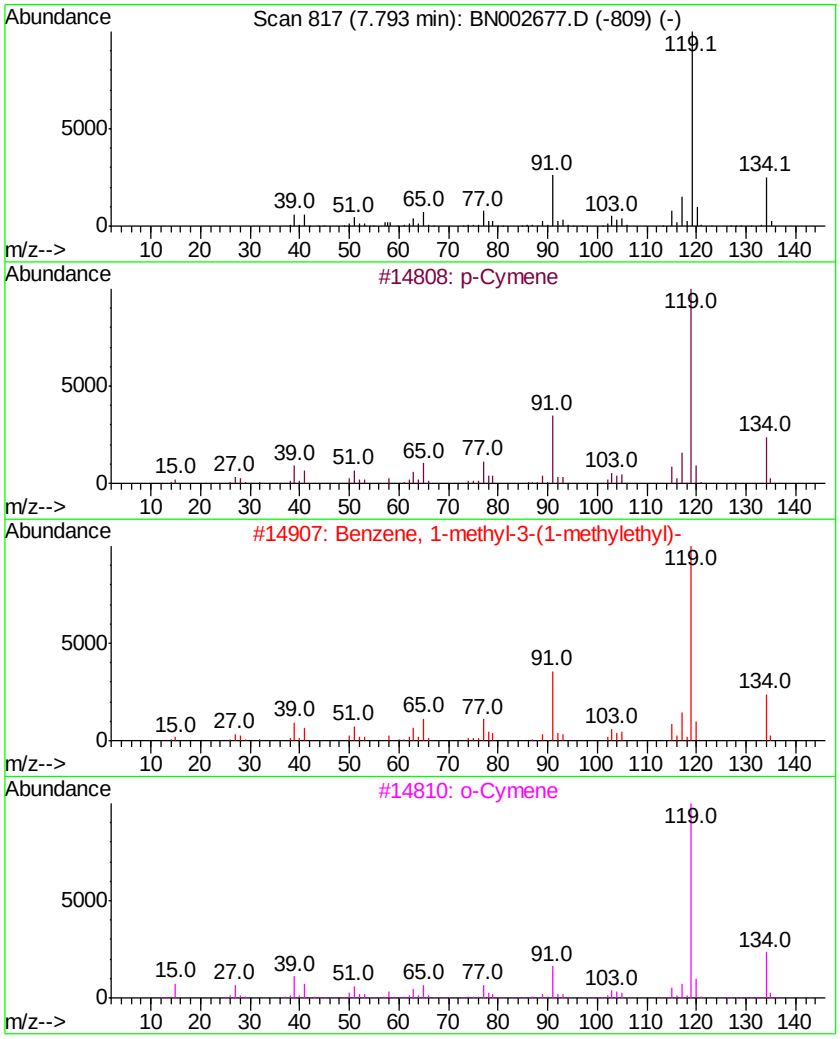
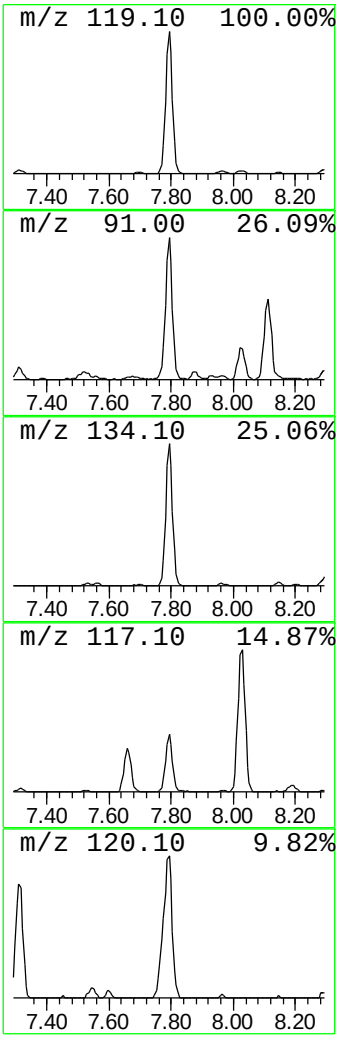
Peak Number 10 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	17.38 ng/ul	935976	1,4-Dichlorobenzene-d4	7.66

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





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Quant Title : SVOA CALIBRATION

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

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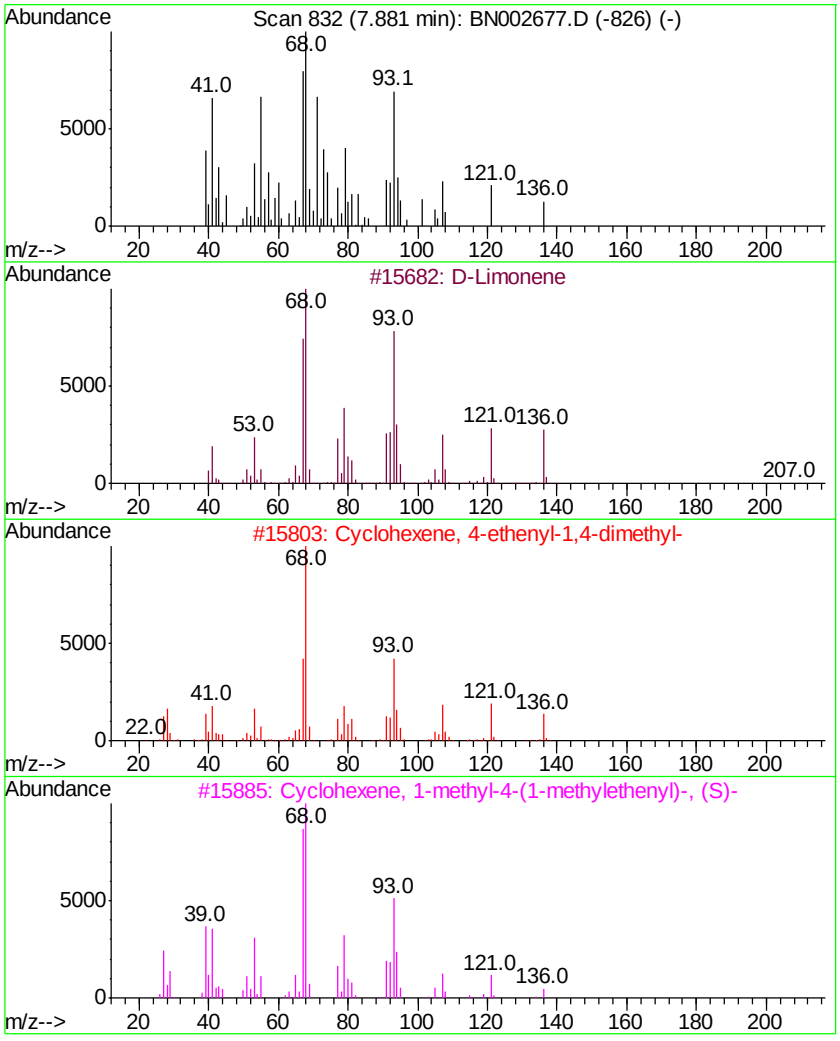
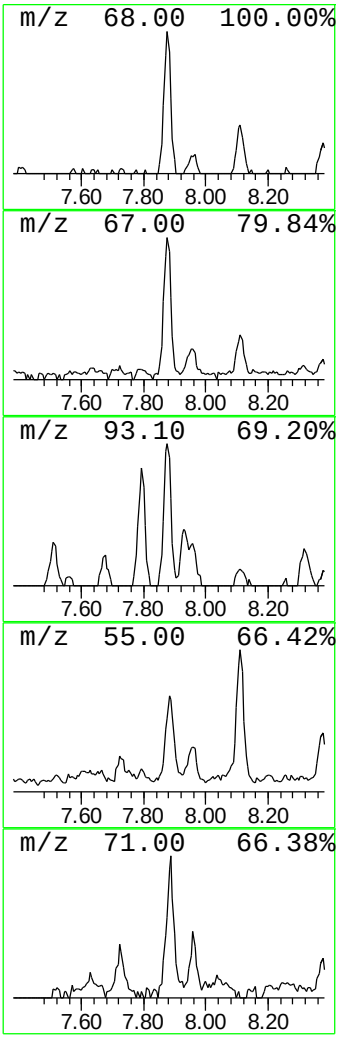
Peak Number 11 D-Limonene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	3.72 ng/ul	200274	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	92
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	81
4	D-Limonene	136	C10H16	005989-27-5	64
5	D-Limonene	136	C10H16	005989-27-5	64





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Quant Title : SVOA CALIBRATION

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

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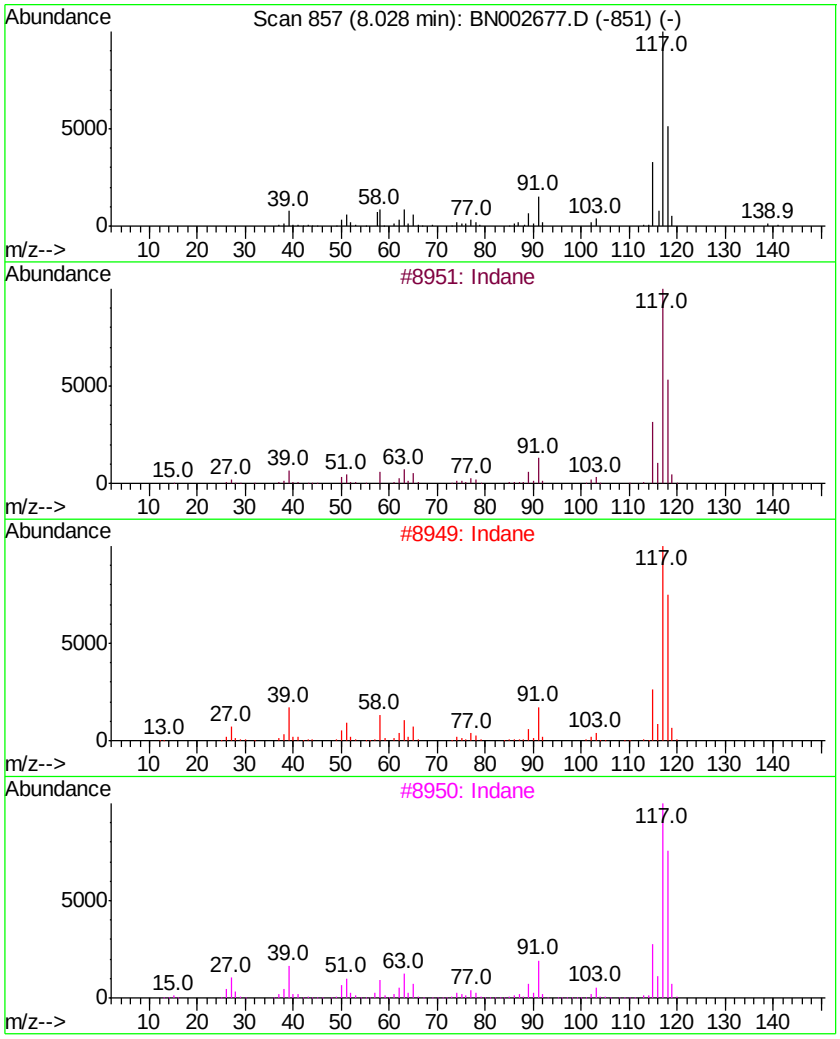
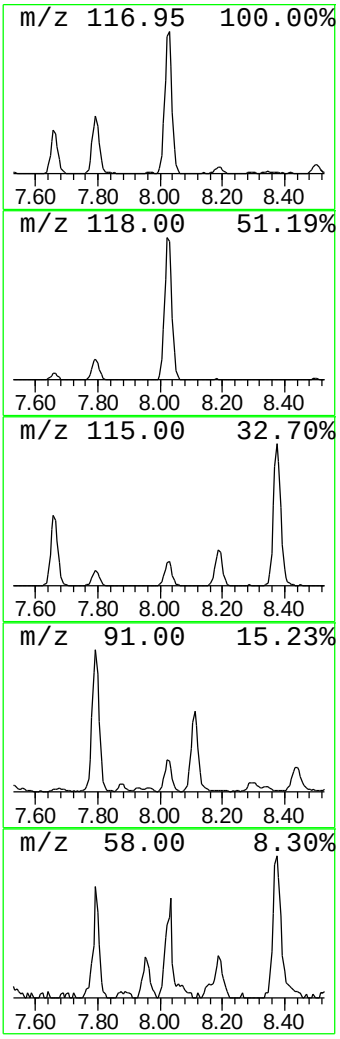
Peak Number 12 Indane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	6.98 ng/ul	375972	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	87
5	Deltacyclene	118	C9H10	007785-10-6	72





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Quant Title : SVOA CALIBRATION

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

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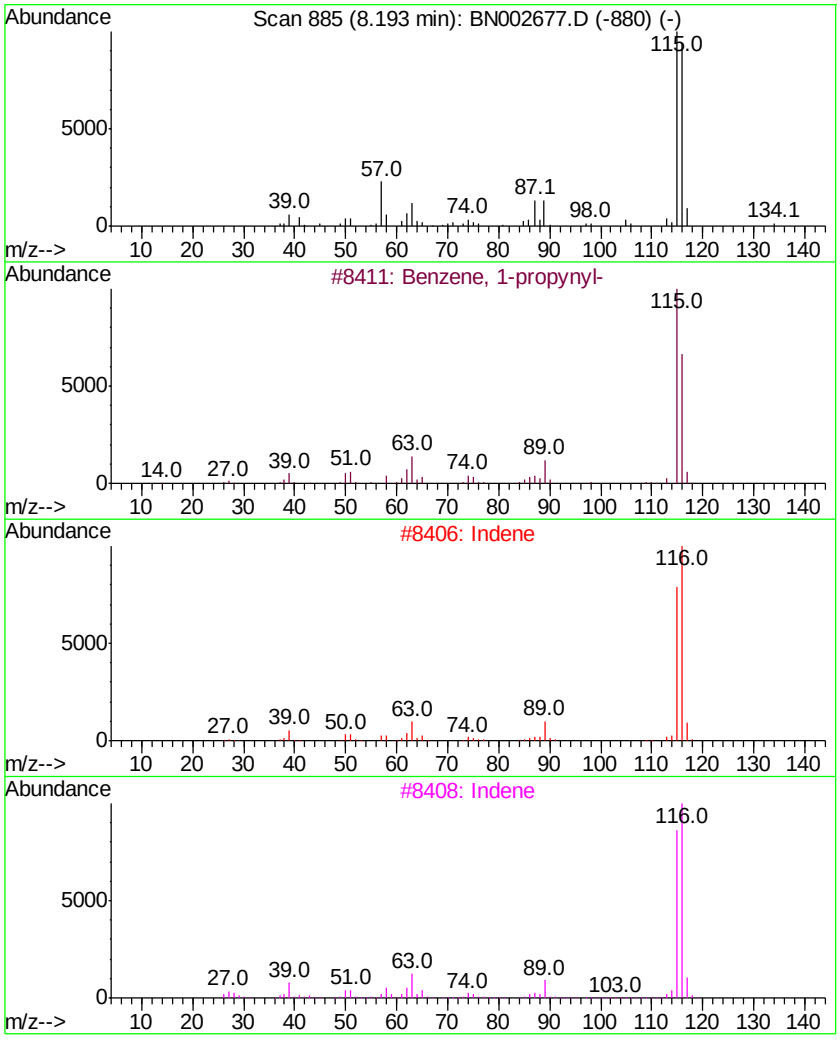
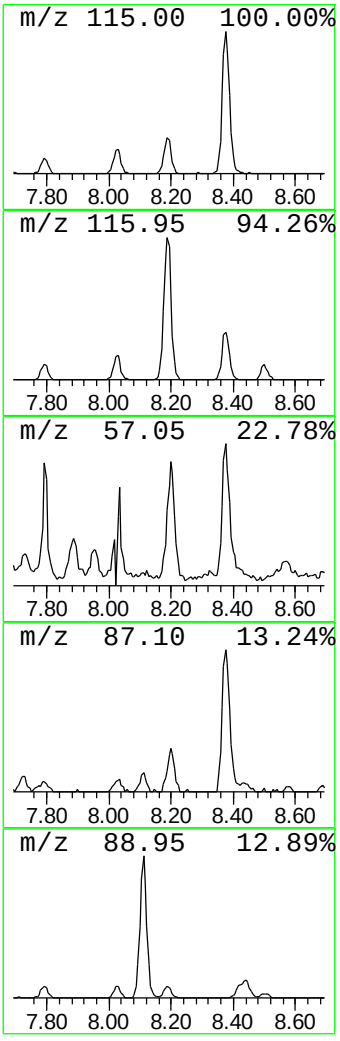
Peak Number 13 Benzene, 1-propynyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.06 ng/ul	218627	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Indene	116	C9H8	000095-13-6	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	87





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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	54.19 ng/ul	2917870	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
3	L-Fenchone	152	C10H16O	007787-20-4	94
4	D-Fenchone	152	C10H16O	004695-62-9	94
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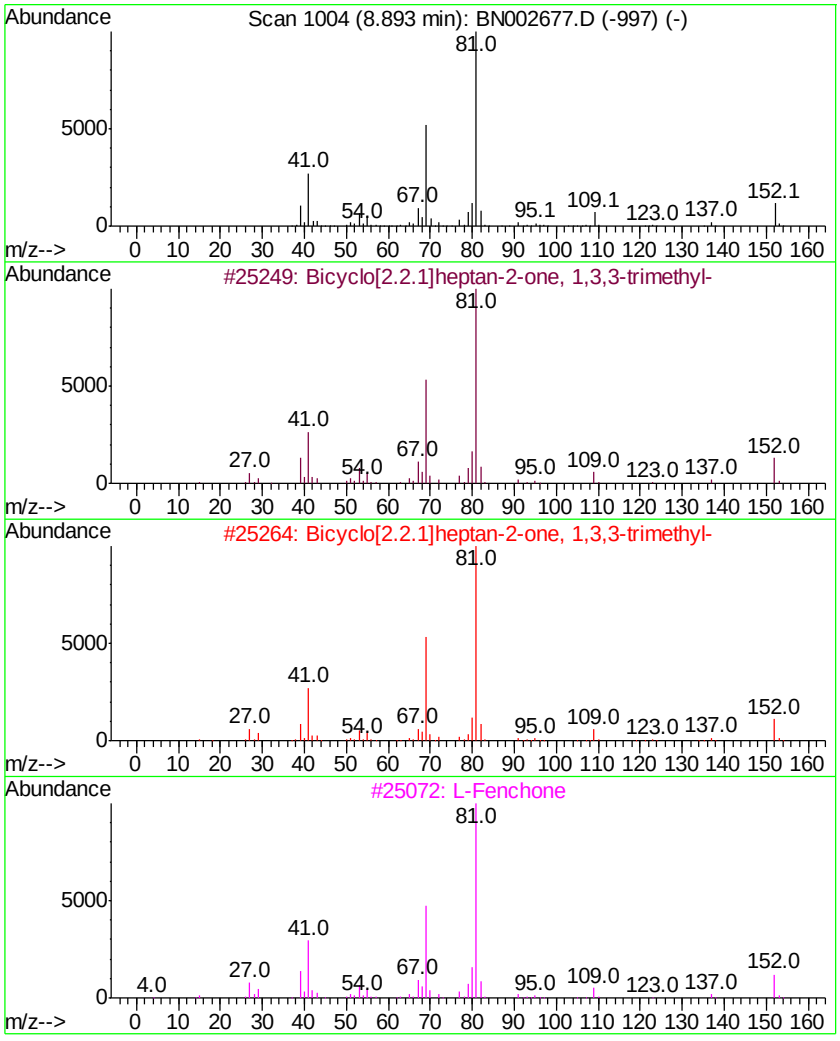

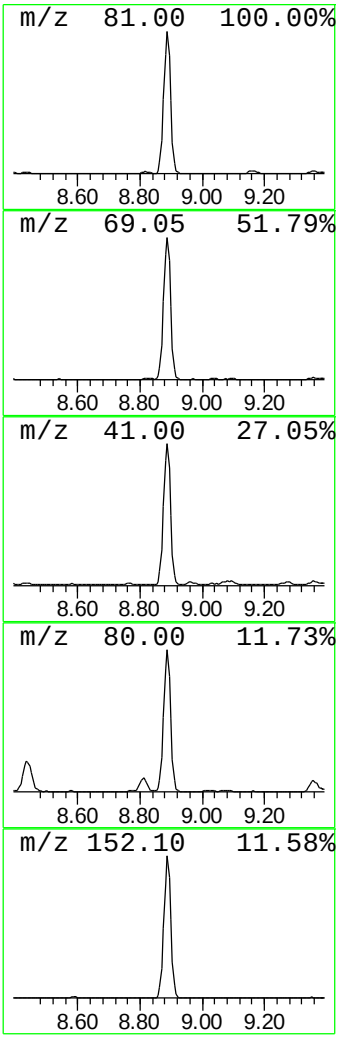

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Quant Title : SVOA CALIBRATION

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

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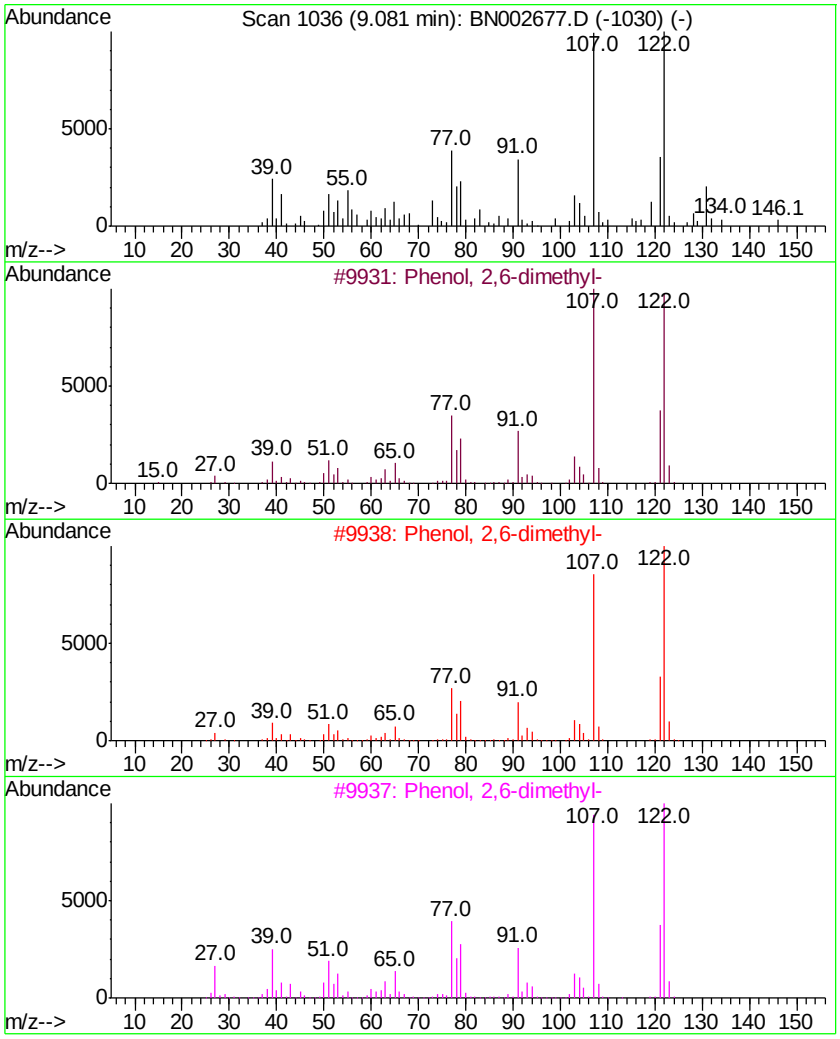
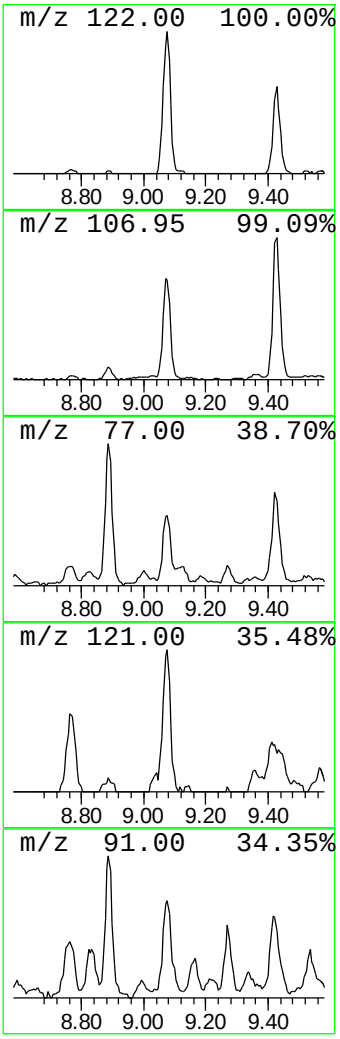
Peak Number 15 Phenol, 2,6-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	4.24 ng/ul	329573	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





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Quant Title : SVOA CALIBRATION

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

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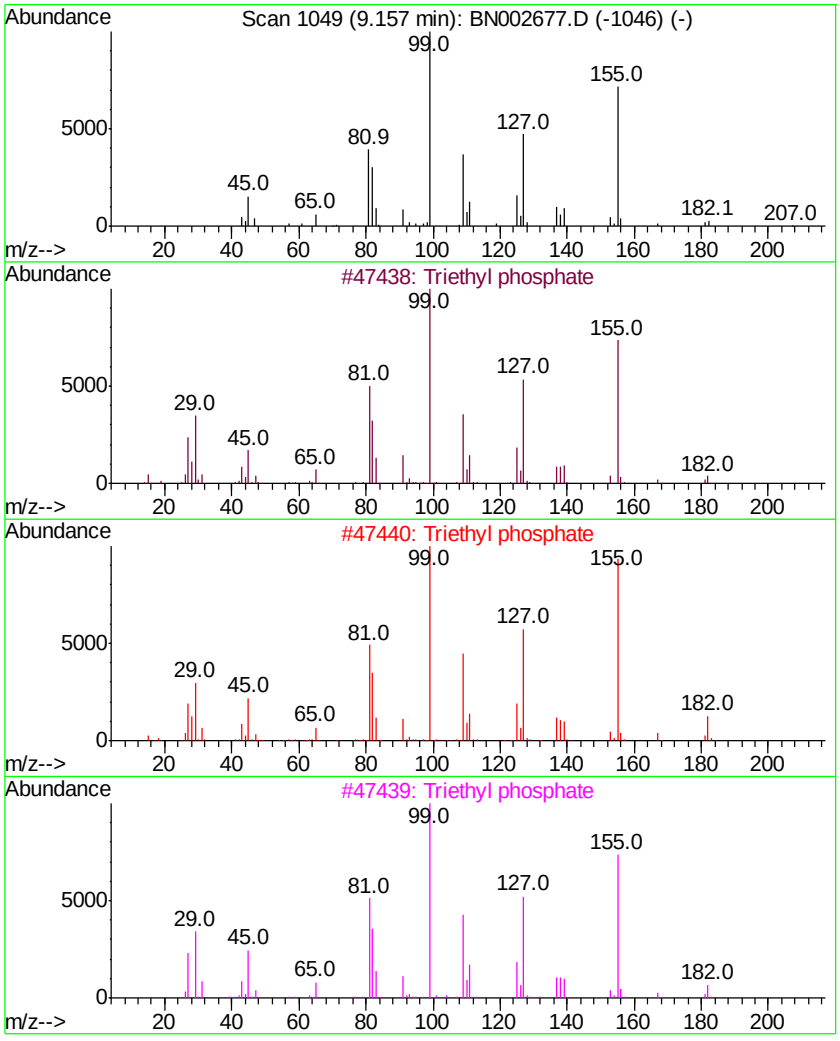
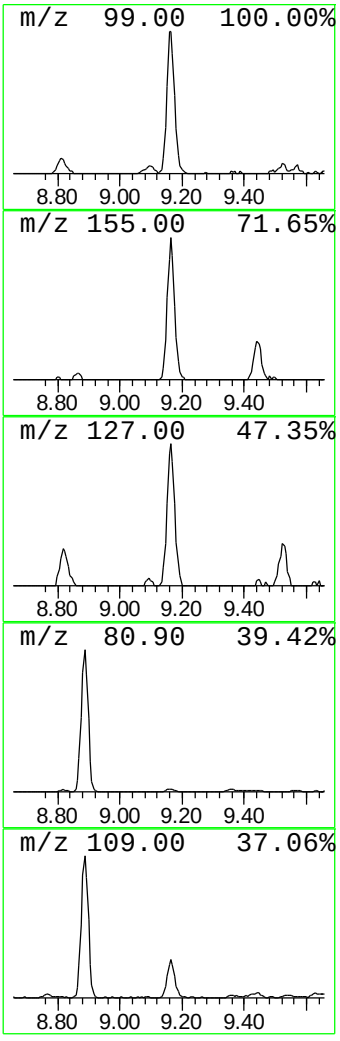
Peak Number 16 Triethyl phosphate Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.84 ng/ul	220534	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	96
2	Triethyl phosphate	182	C6H15O4P	000078-40-0	91
3	Triethyl phosphate	182	C6H15O4P	000078-40-0	91
4	Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	50
5	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	42





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Quant Title : SVOA CALIBRATION

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

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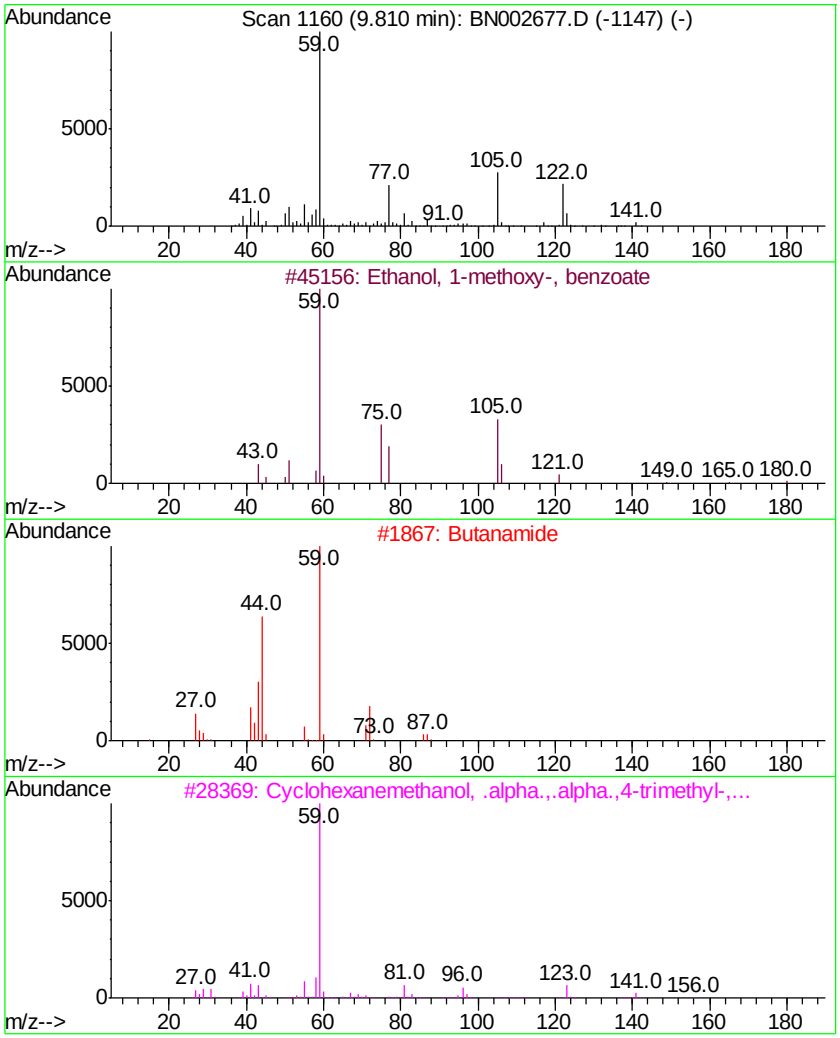
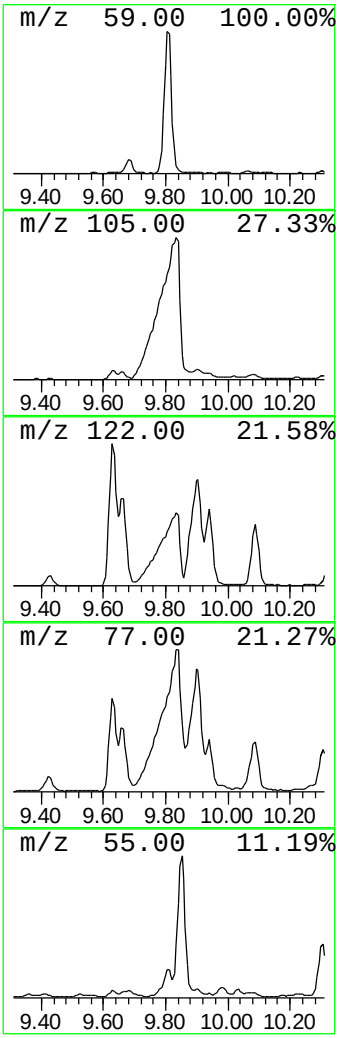
Peak Number 18 Ethanol, 1-methoxy-, benzoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	37.67 ng/ul	2924900	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	50
2	Butanamide	87	C4H9NO	000541-35-5	43
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	43
4	Ethane, (chloromethoxy)-	94	C3H7ClO	003188-13-4	43
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	43





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Quant Title : SVOA CALIBRATION

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

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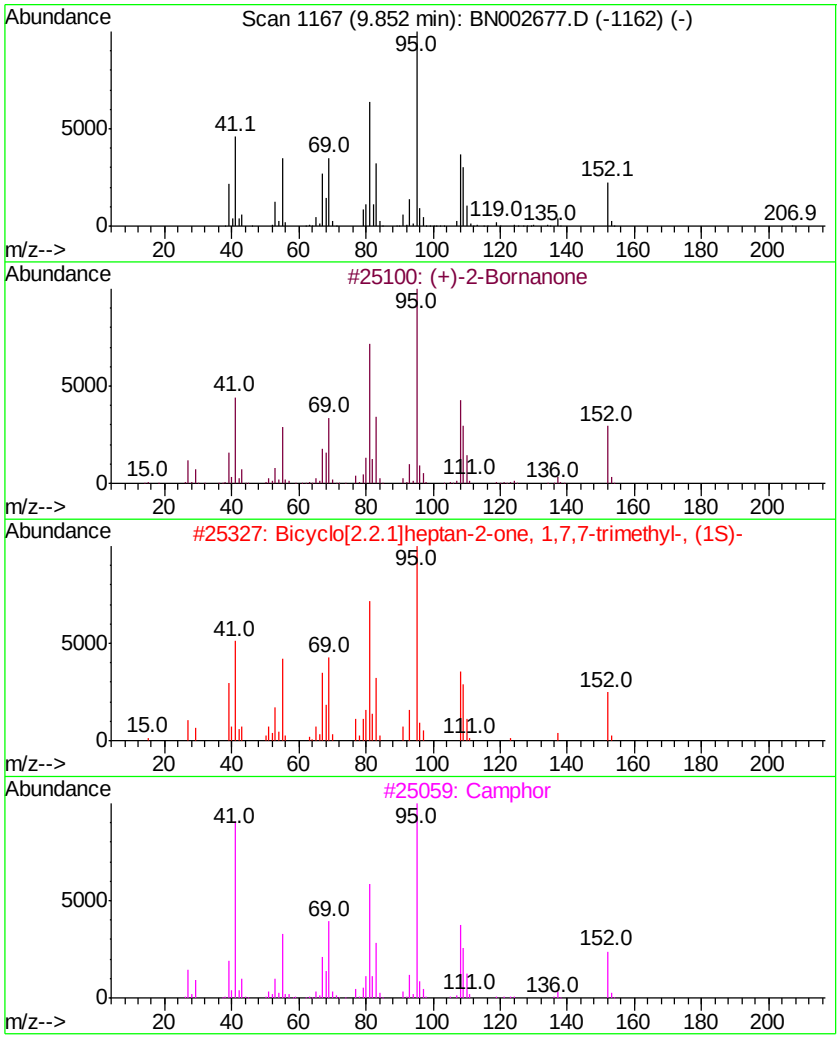
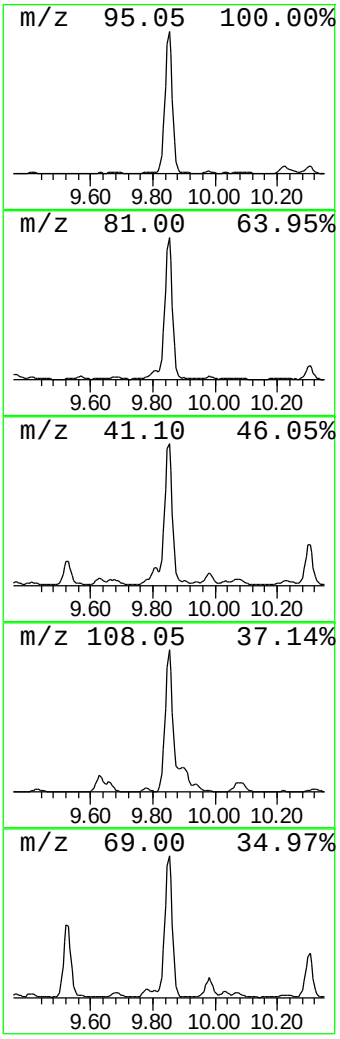
Peak Number 19 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	80.42 ng/ul	6244890	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3	Camphor	152	C10H16O	000076-22-2	97
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
5	Camphor	152	C10H16O	000076-22-2	96





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Quant Title : SVOA CALIBRATION

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

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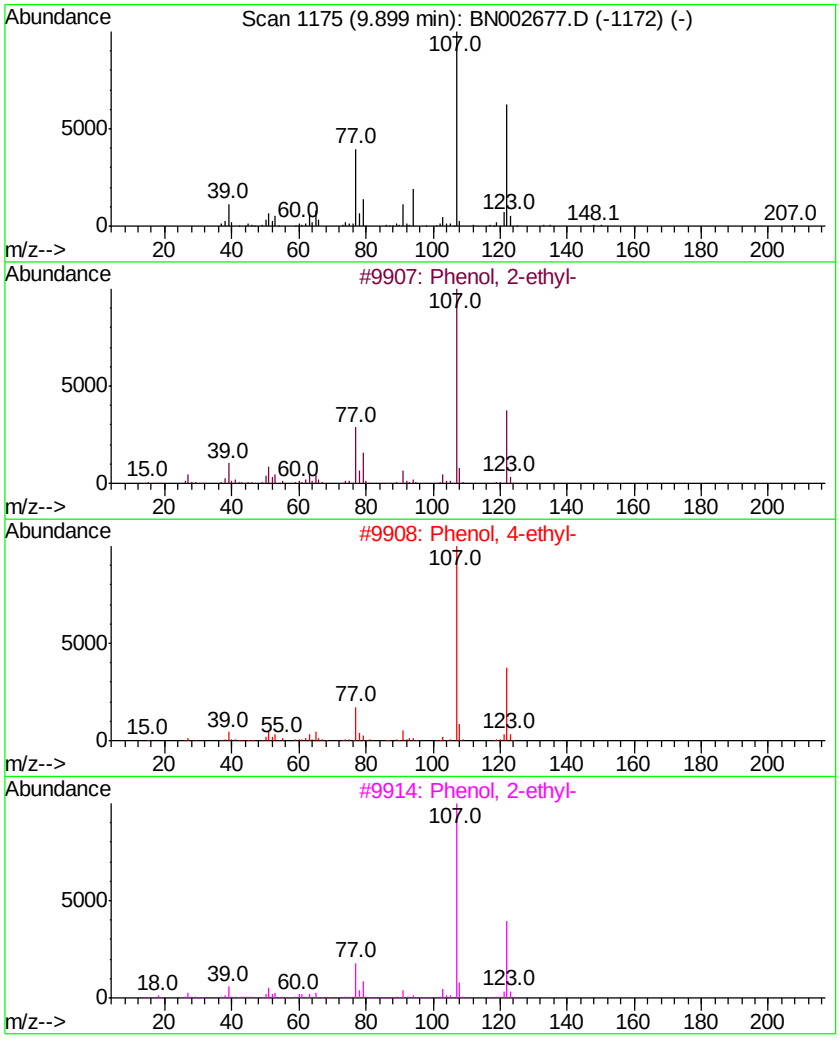
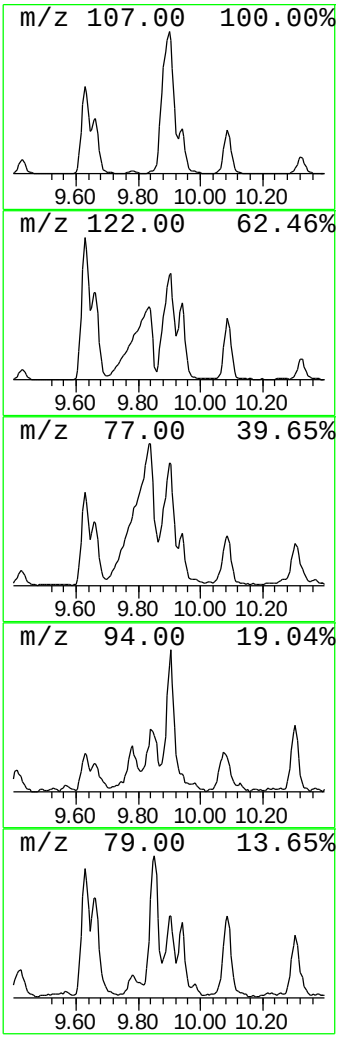
Peak Number 20 Phenol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	26.00 ng/ul	2018700	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	83
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	78
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	72





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Quant Title : SVOA CALIBRATION

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

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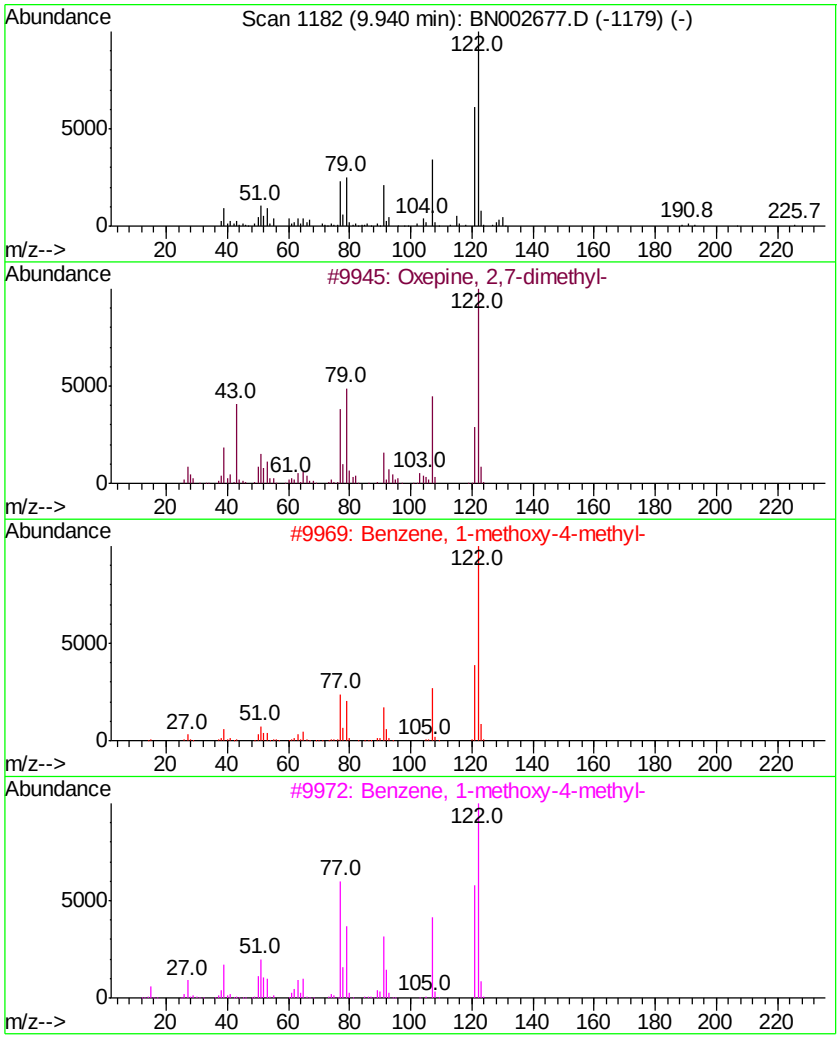
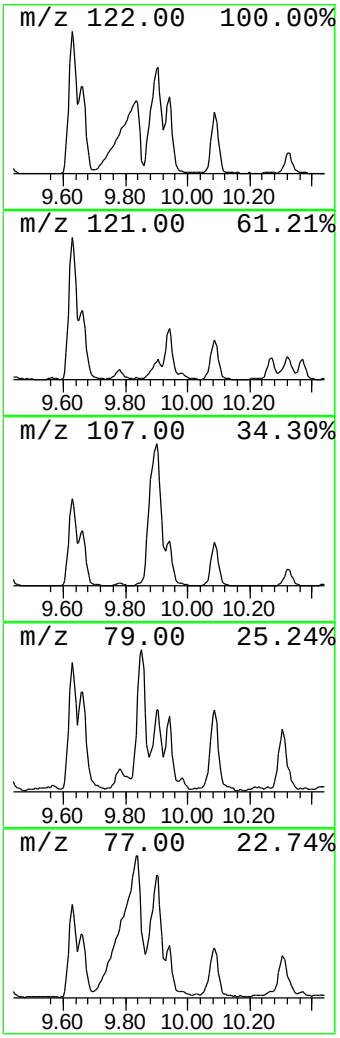
Peak Number 21 Oxepine, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	12.07 ng/ul	937013	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxepine, 2,7-dimethyl-	122	C8H10O	001487-99-6	83
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	83
3	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	74
4	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	68
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	64





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Quant Title : SVOA CALIBRATION

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

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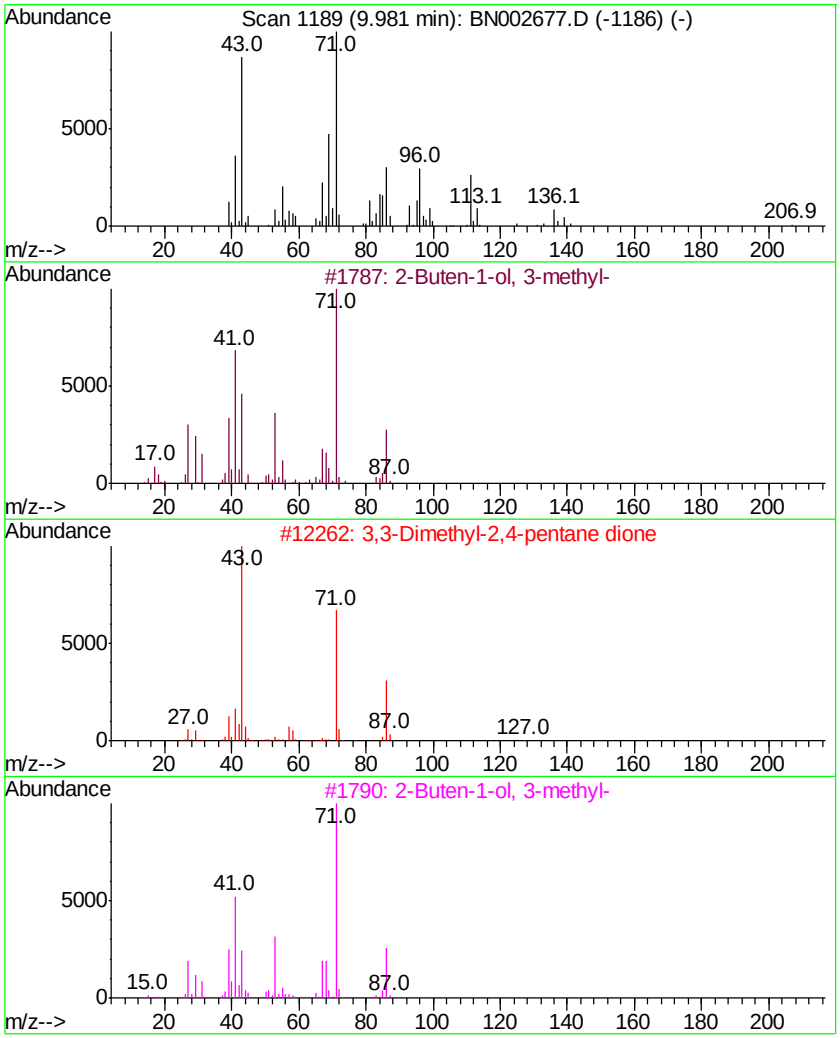
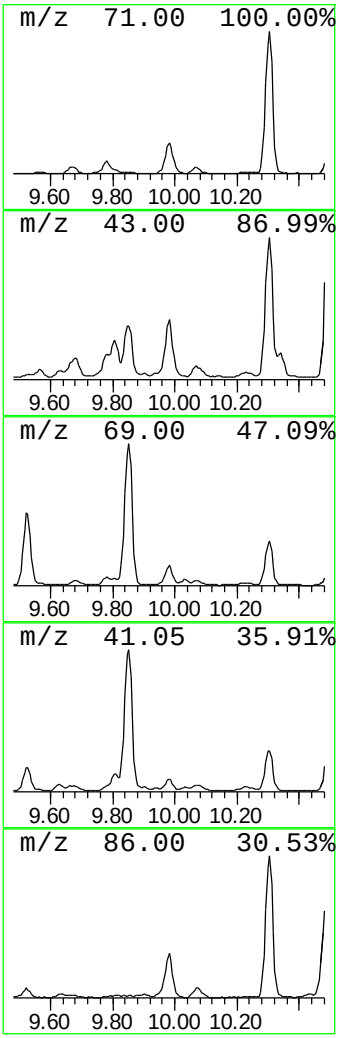
Peak Number 22 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	7.47 ng/ul	579877	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	47
2	3,3-Dimethyl-2,4-pentane dione	128	C7H12O2	003142-58-3	38
3	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
4	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	38
5	Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	37





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Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
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Instrument : BNA_N
ClientSampleId : C0D09

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Quant Title : SVOA CALIBRATION

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

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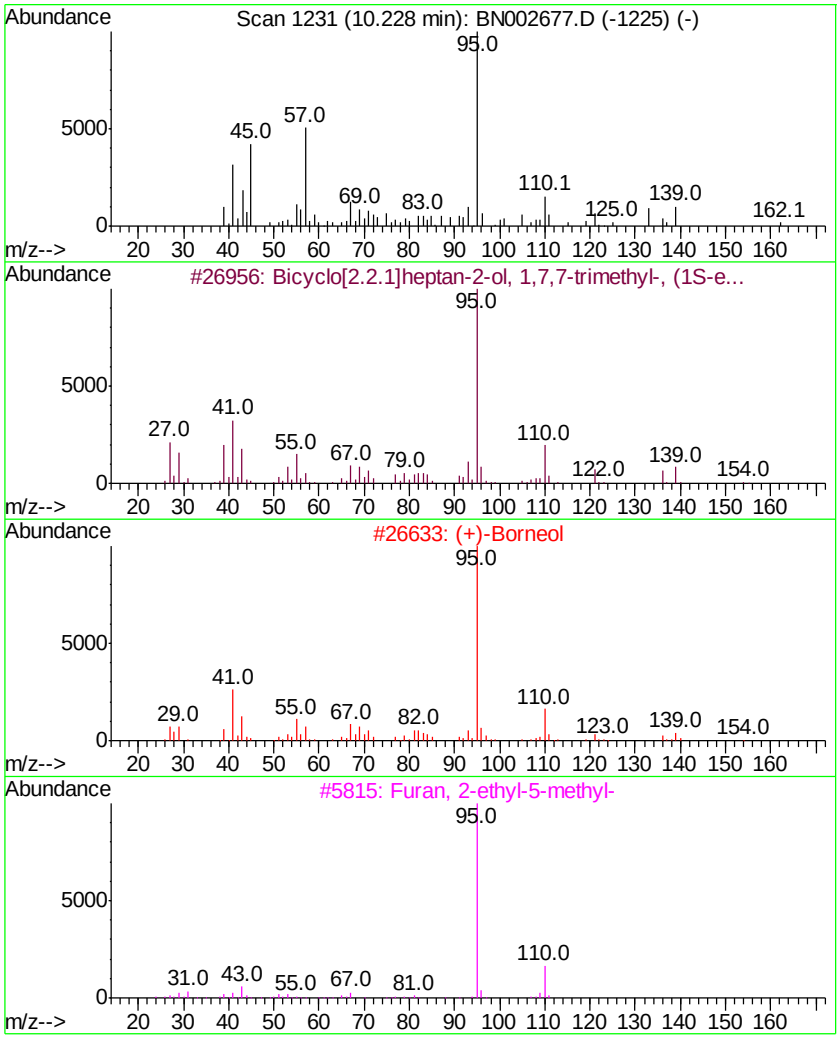
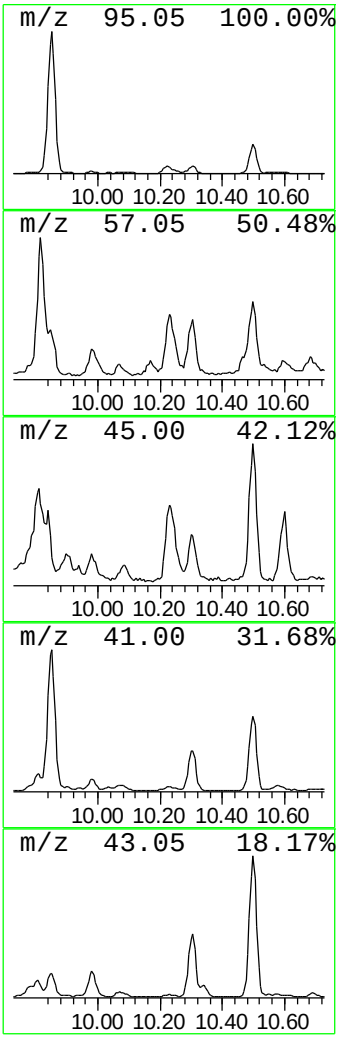
Peak Number 23 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.64 ng/ul	204820	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	50
2	(+)-Borneol	154	C10H18O	1000150-76-3	50
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	46
4	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	43
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	43





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

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Quant Title : SVOA CALIBRATION

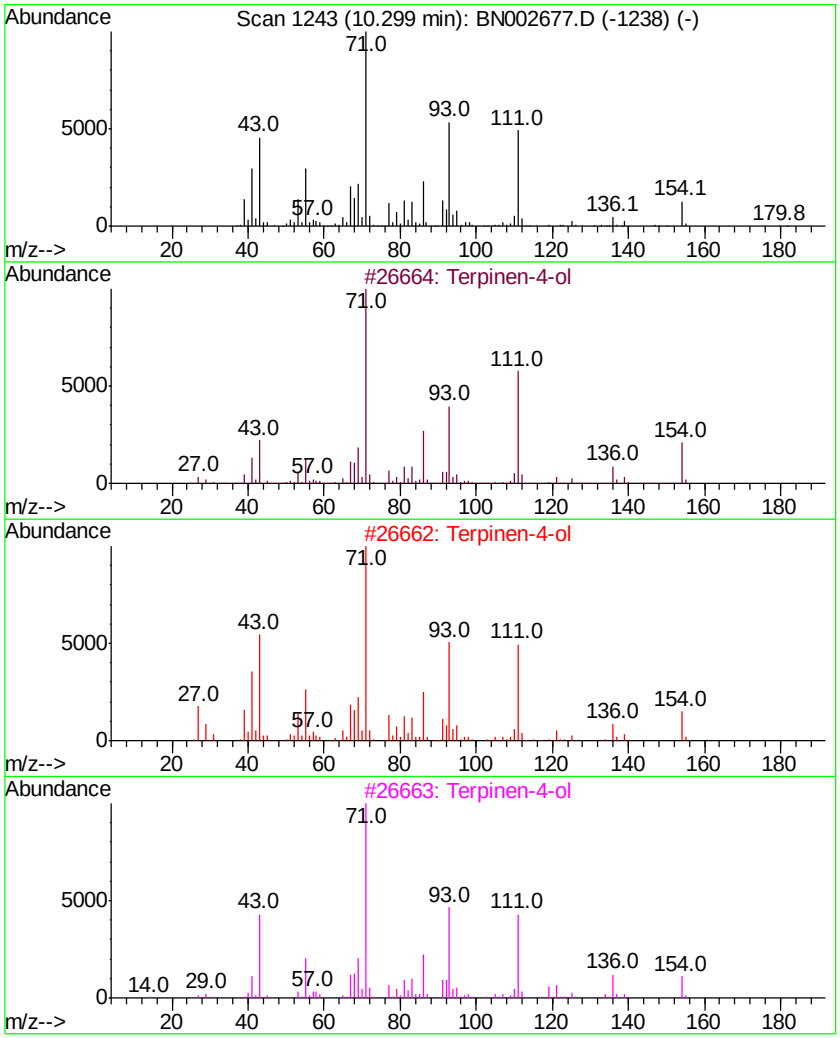
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

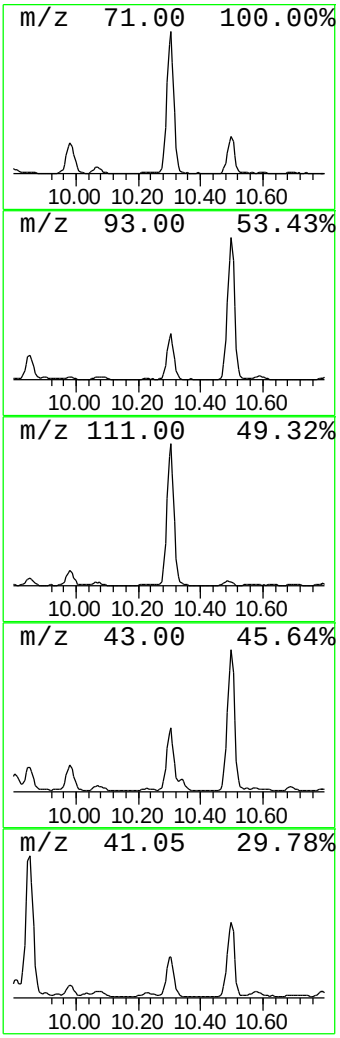
****

Peak Number 24 Terpinen-4-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	31.19 ng/ul	2421520	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	93
2	Terpinen-4-ol	154	C10H18O	000562-74-3	91
3	Terpinen-4-ol	154	C10H18O	000562-74-3	91
4	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	90
5	Terpinen-4-ol	154	C10H18O	000562-74-3	89





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

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Quant Title : SVOA CALIBRATION

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

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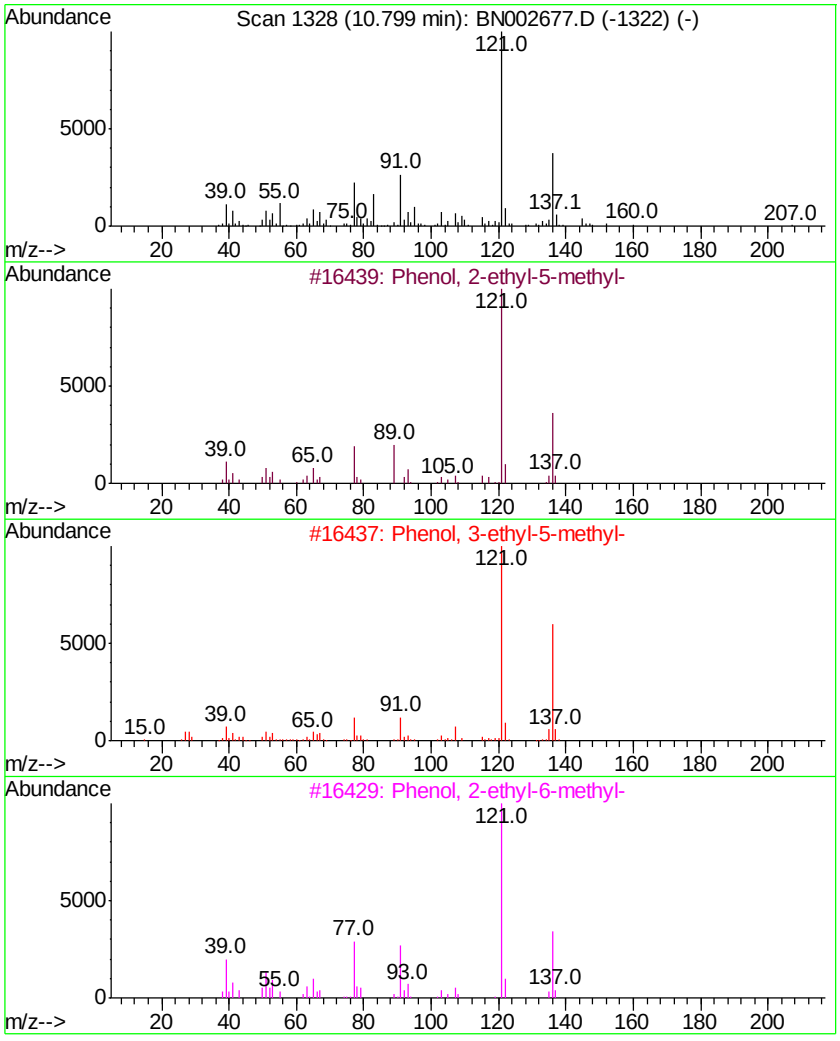
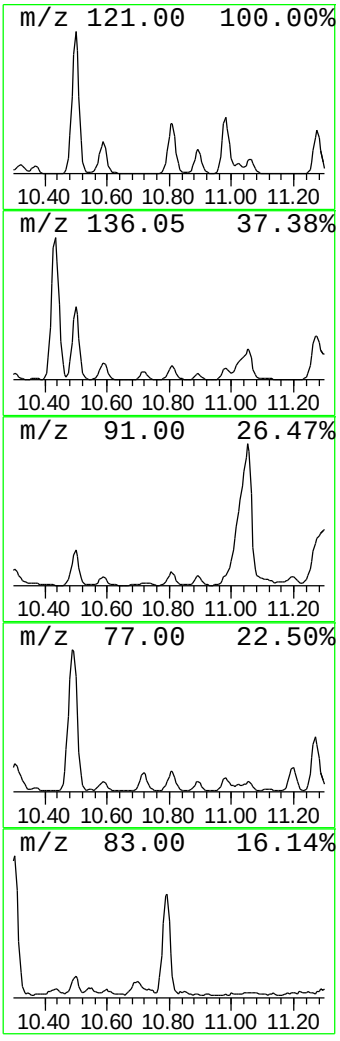
Peak Number 26 Phenol, 2-ethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	10.19 ng/ul	791484	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	93
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

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Quant Title : SVOA CALIBRATION

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

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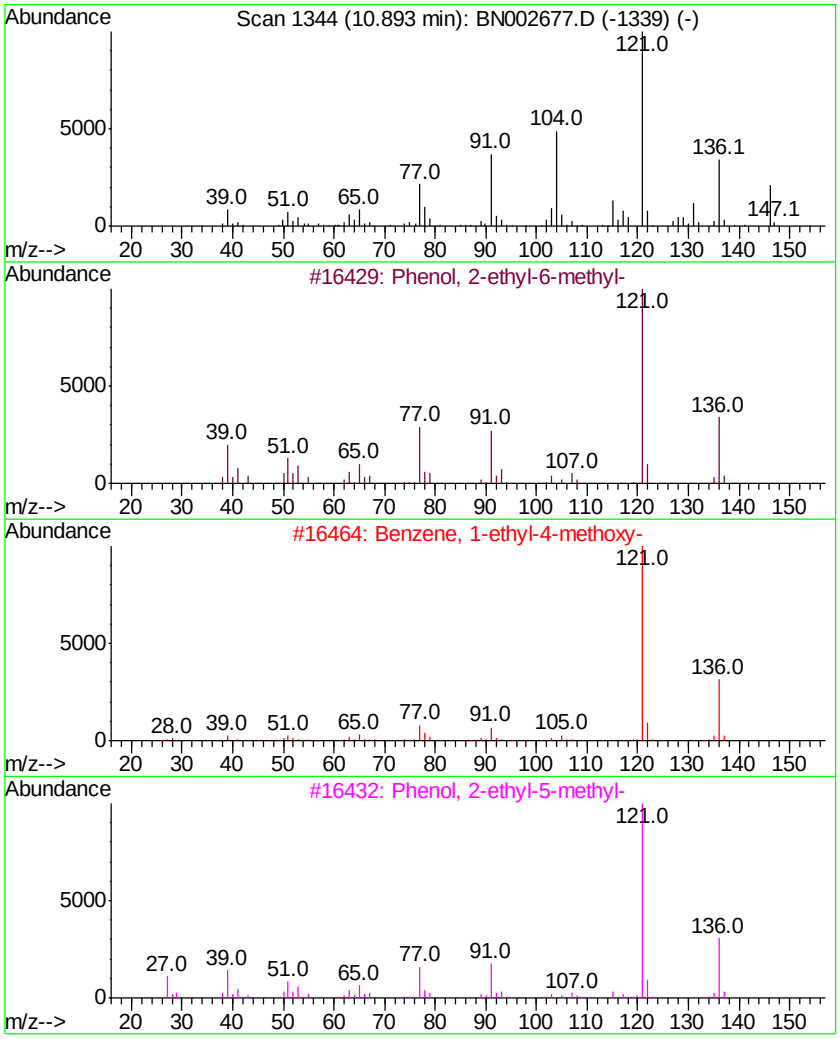
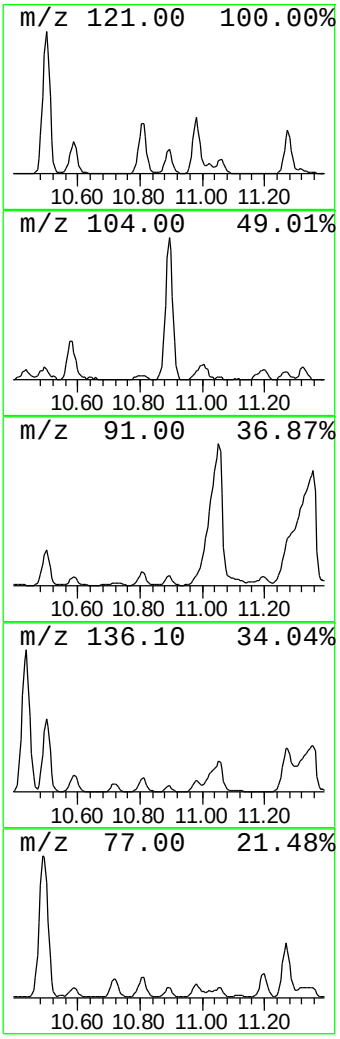
Peak Number 27 Phenol, 2-ethyl-6-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	5.78 ng/ul	448578	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	53
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	49
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	49
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	49
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	49





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

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Quant Title : SVOA CALIBRATION

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

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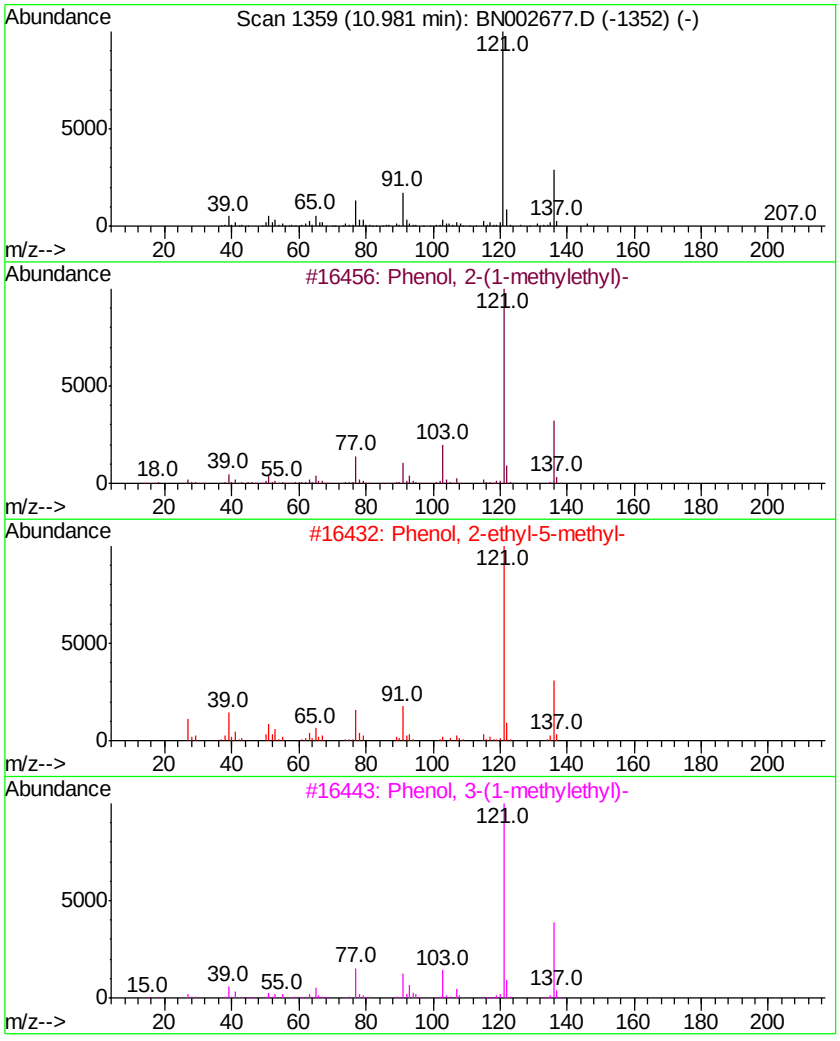
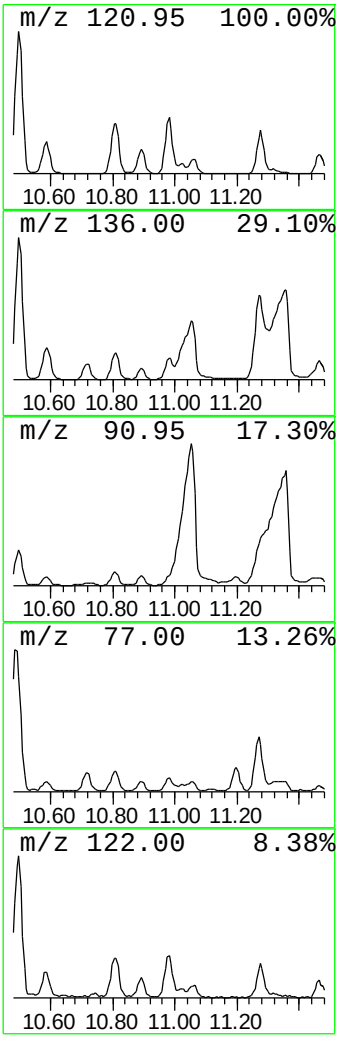
Peak Number 28 Phenol, 2-(1-methylethyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	6.93 ng/ul	538045	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
4	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91





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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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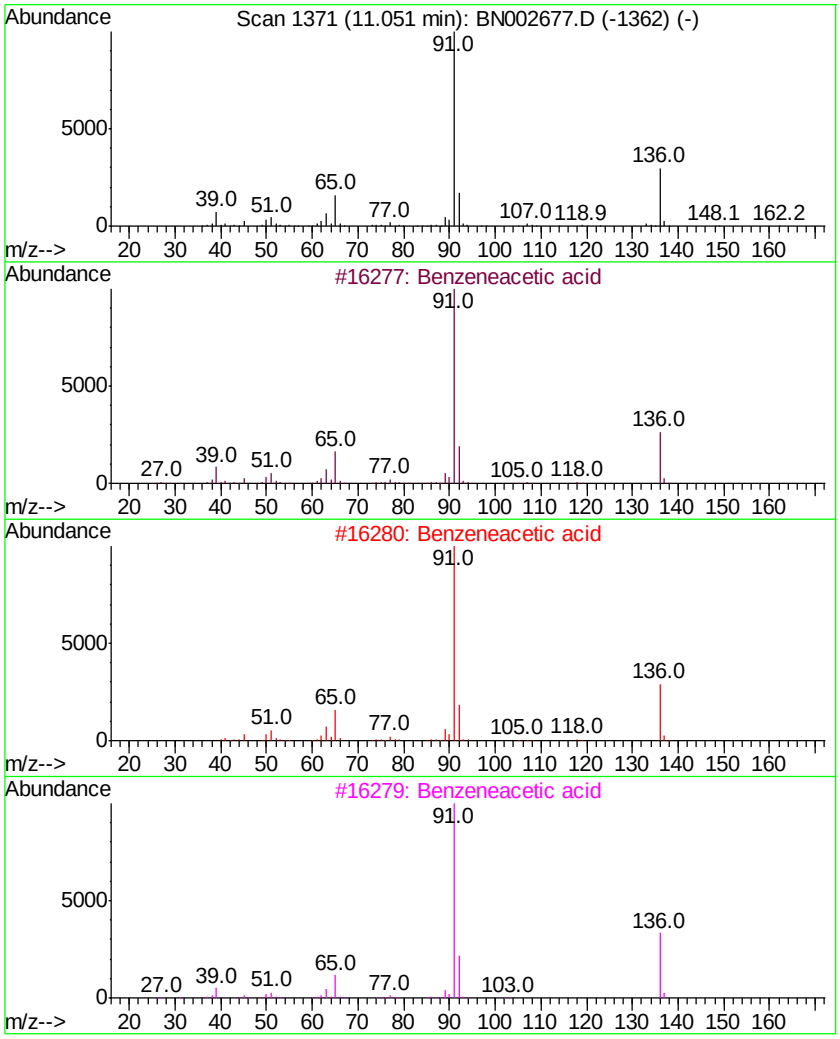
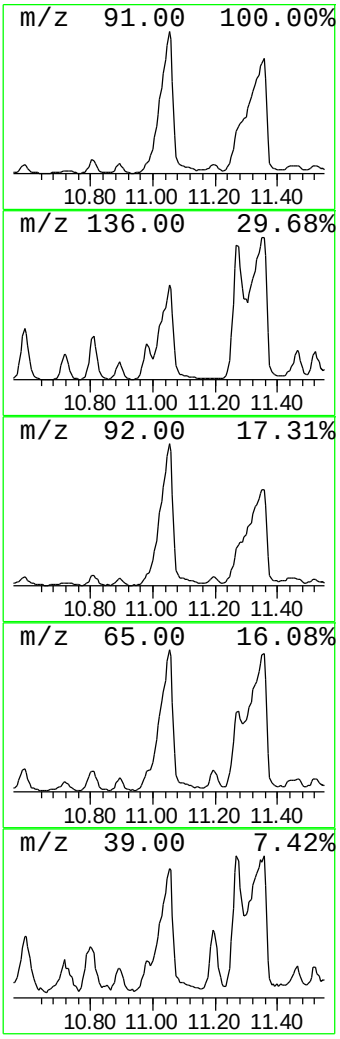
Peak Number 29 Benzeneacetic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	24.91 ng/ul	1934290	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	93
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	90
4	Benzeneacetic acid	136	C8H8O2	000103-82-2	64
5	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	64





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Misc :
ALS Vial : 8 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 30 Phenol, 4-(2-propenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	9.83 ng/ul	763387	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	98
2	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	90
3	Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	81
4	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	76
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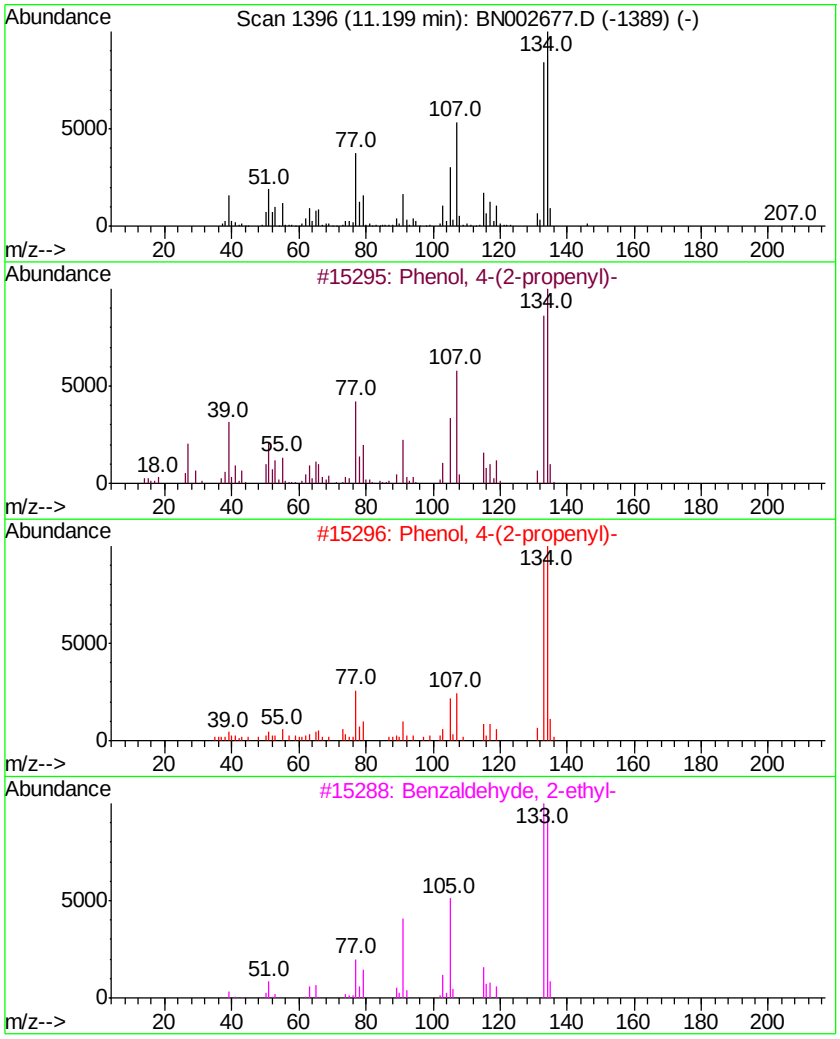

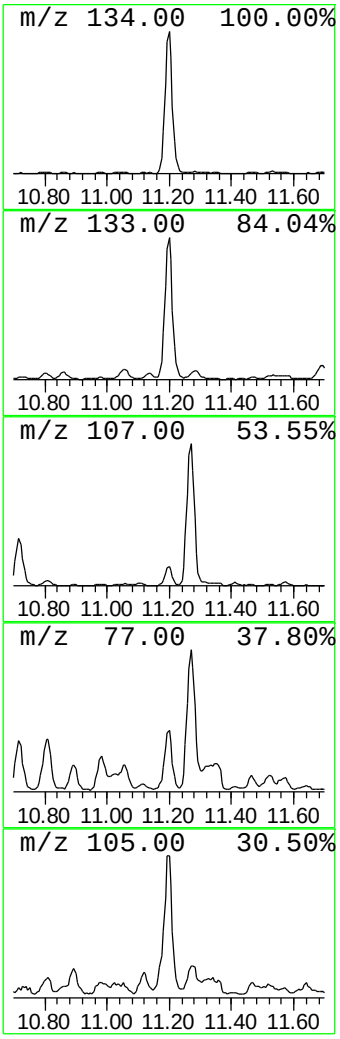

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Quant Title : SVOA CALIBRATION

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

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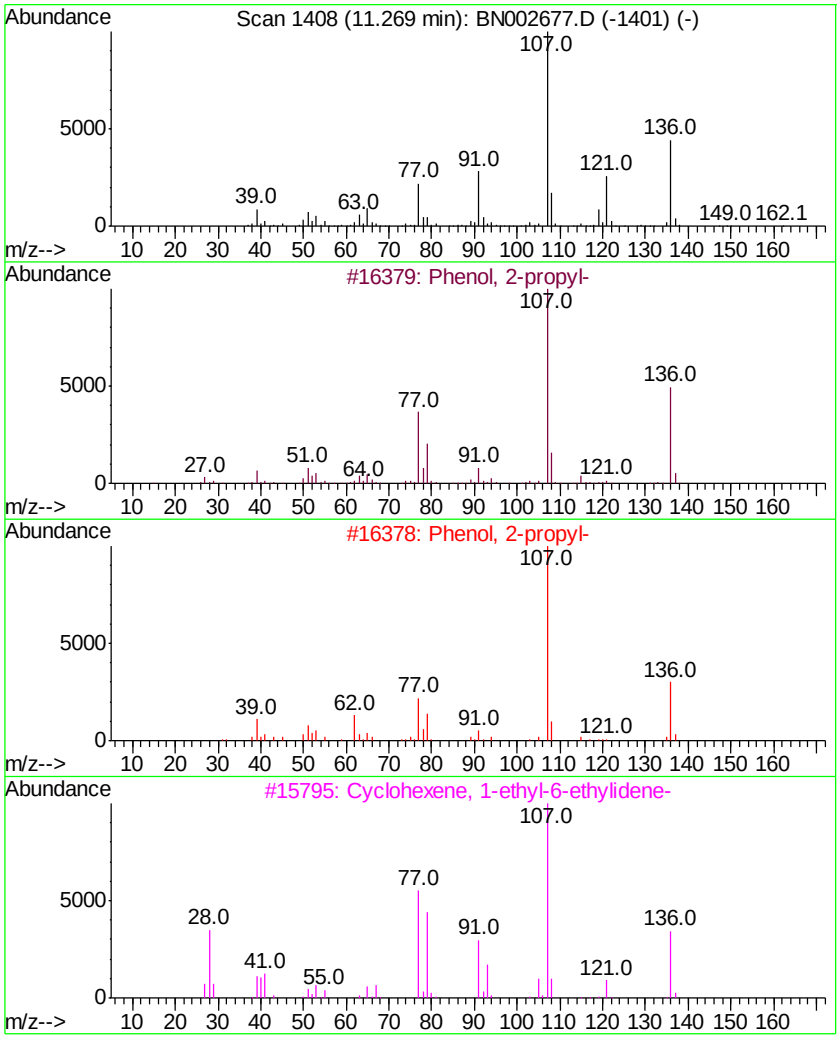
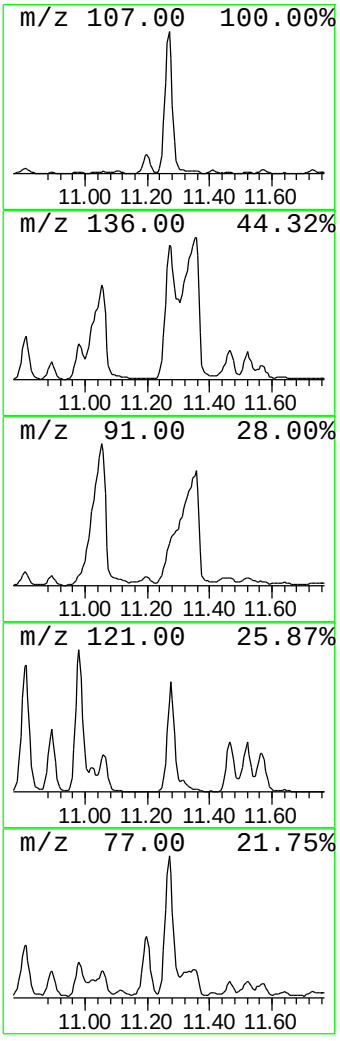
Peak Number 31 Phenol, 2-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	30.45 ng/ul	2364630	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	87
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	86
3	Cyclohexene, 1-ethyl-6-ethylidene-	136	C10H16	061141-57-9	83
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	80
5	Phenol, 4-propyl-	136	C9H12O	000645-56-7	72





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TIC Integration Parameters: LSCINT.P

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Peak Number 32 Phenol, 3,4,5-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	3.84 ng/ul	297795	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90
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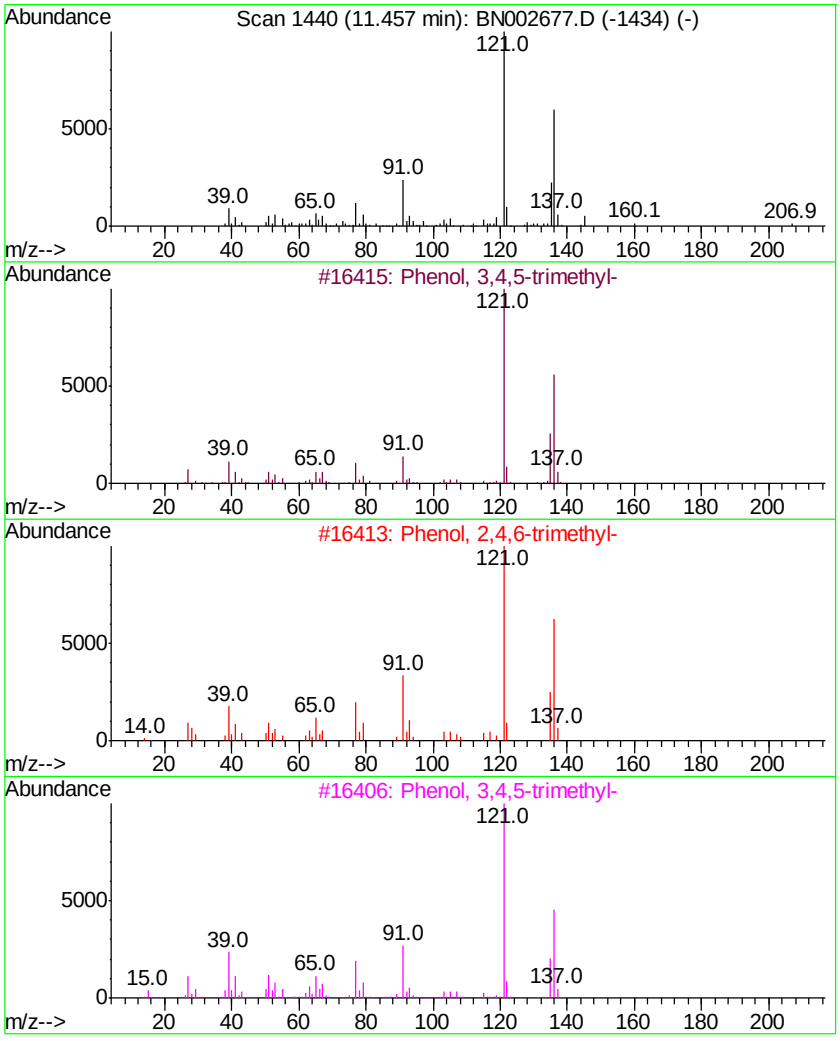

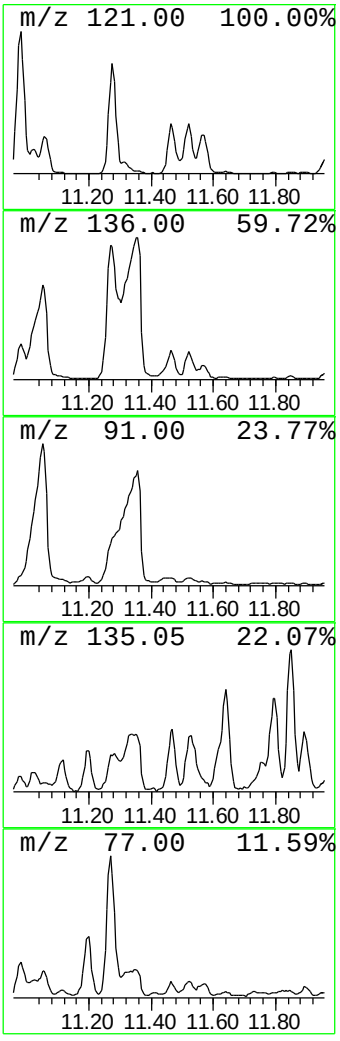

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Quant Title : SVOA CALIBRATION

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

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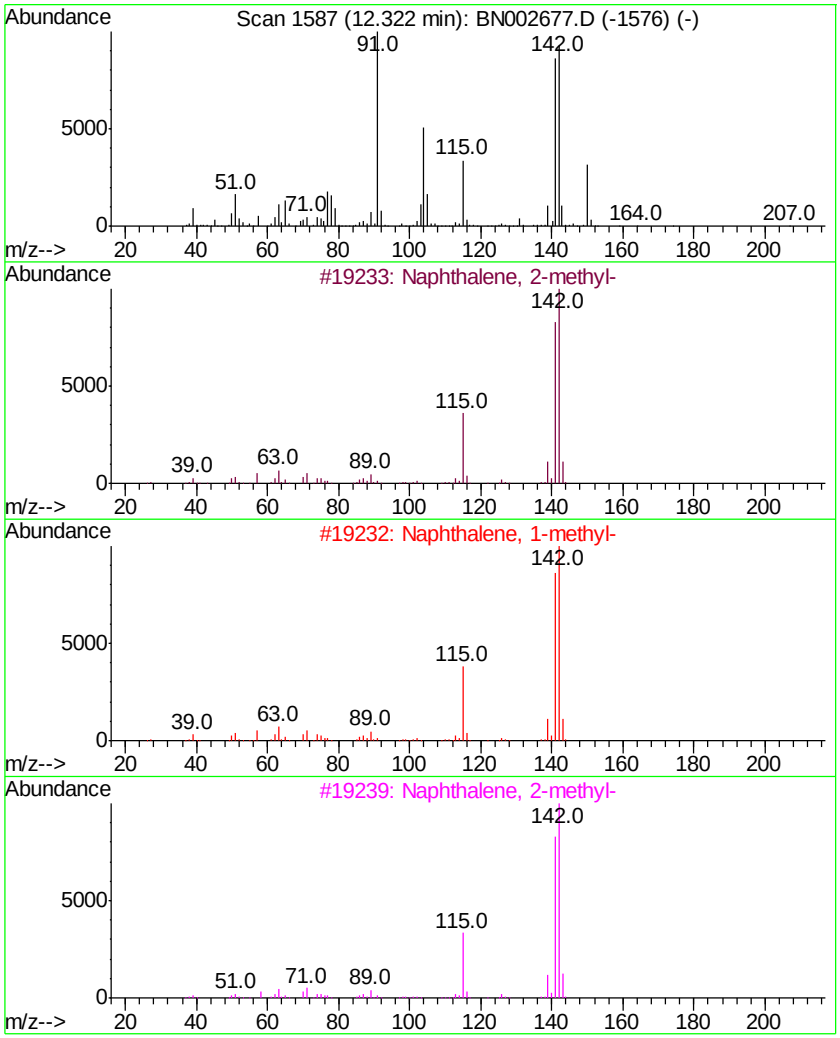
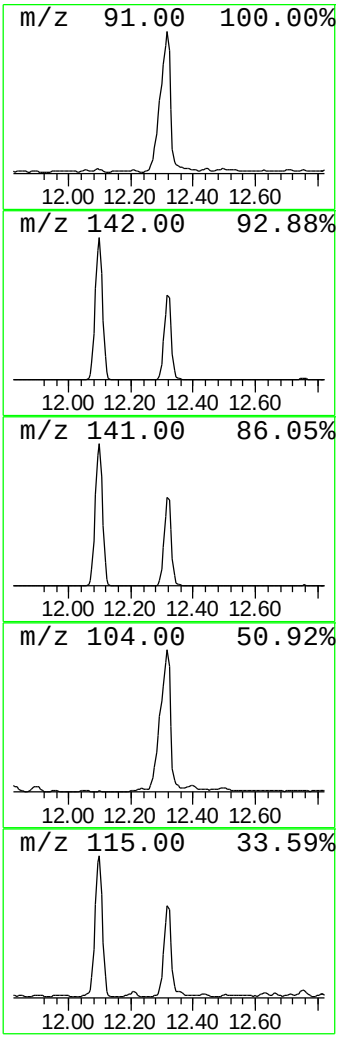
Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	43.89 ng/ul	3408040	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4	Hydrocinnamic acid	150	C9H10O2	000501-52-0	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86





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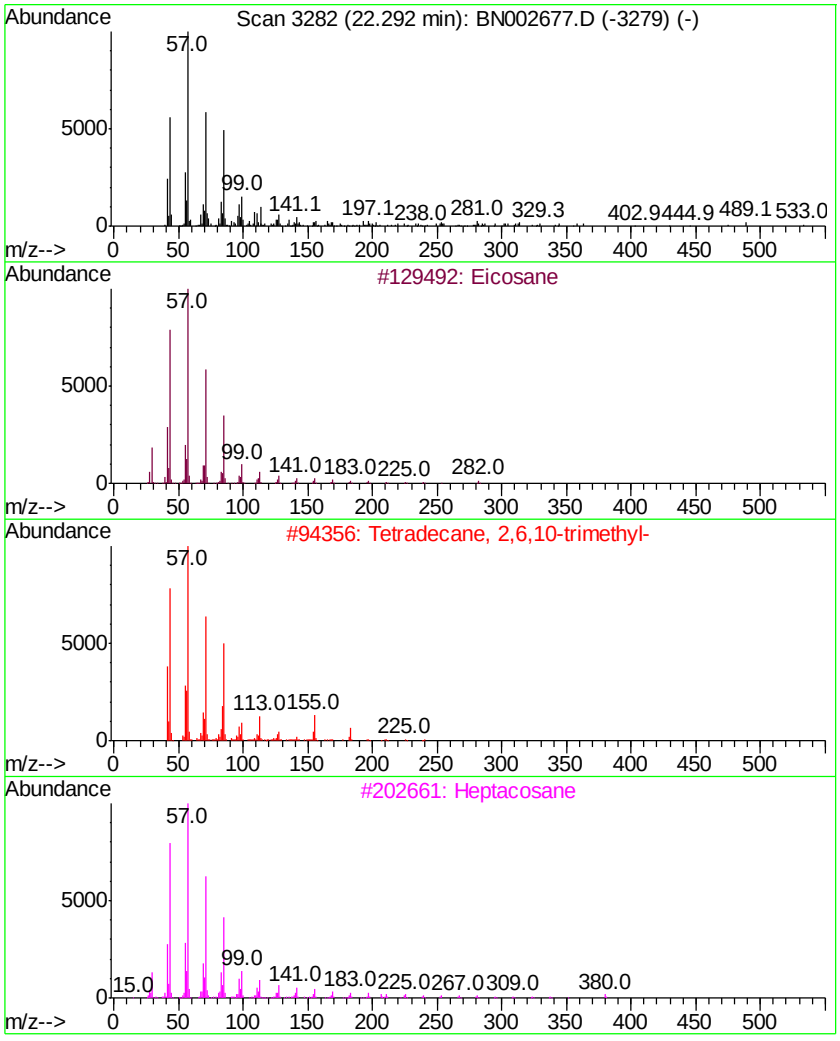
Quant Title : SVOA CALIBRATION

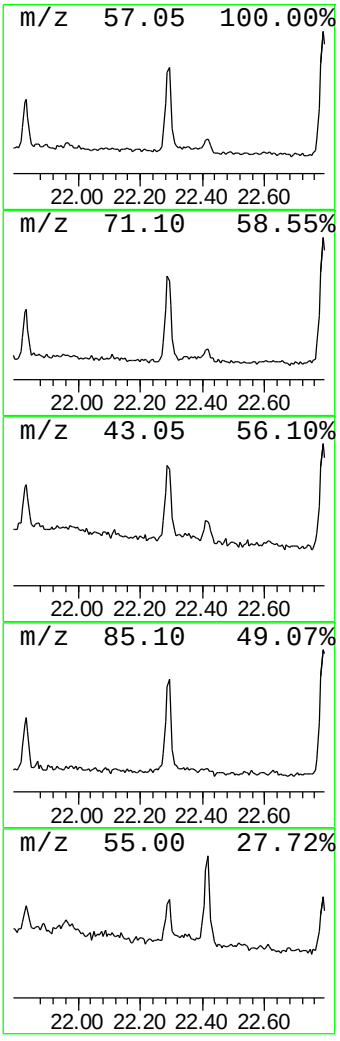
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.25 ng/ul	208045	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3	Heptacosane	380	C27H56	000593-49-7	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Tetradecane	198	C14H30	000629-59-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

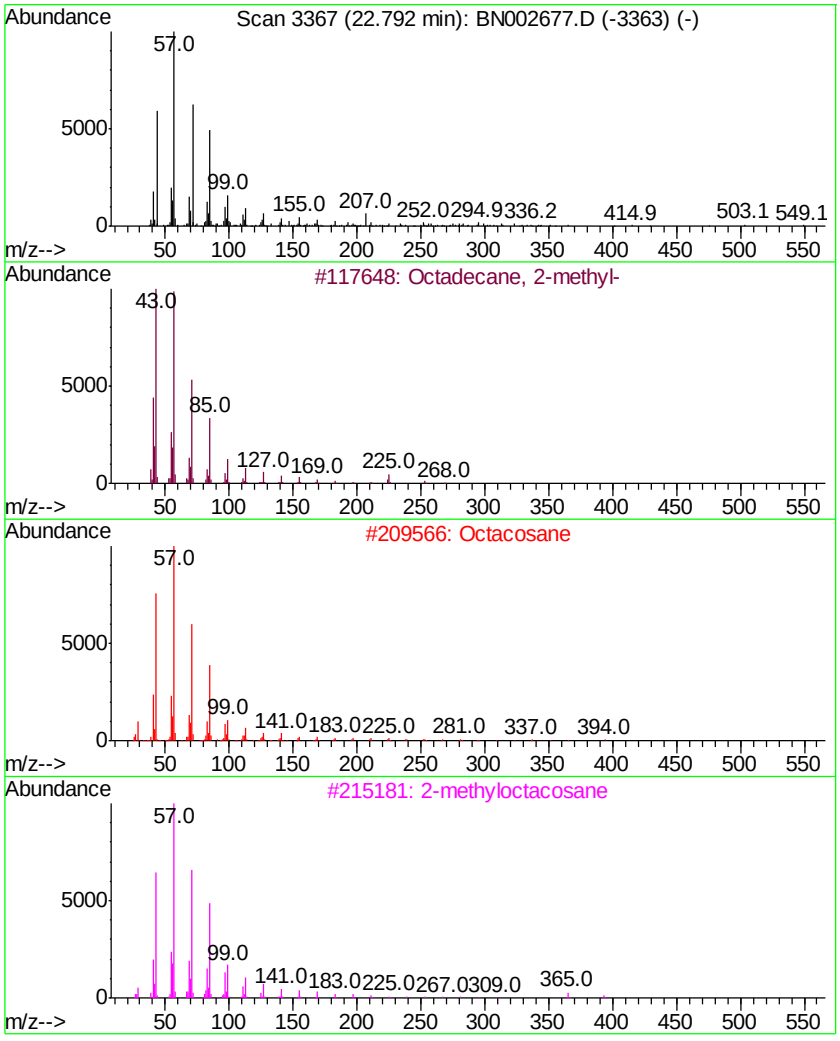
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

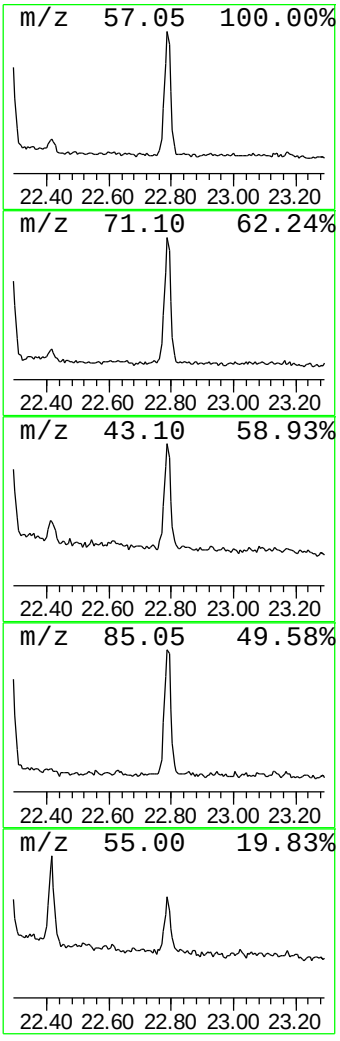
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	3.26 ng/ul	324073	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Octacosane	394	C28H58	000630-02-4	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

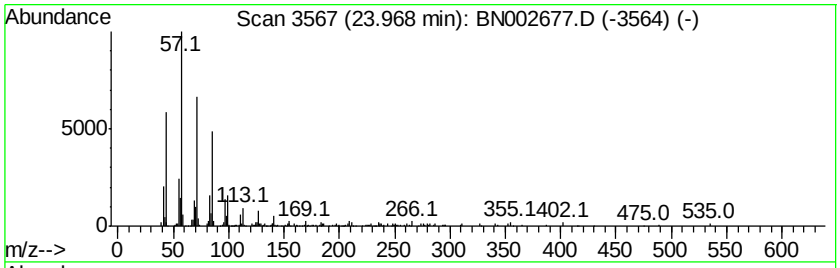
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

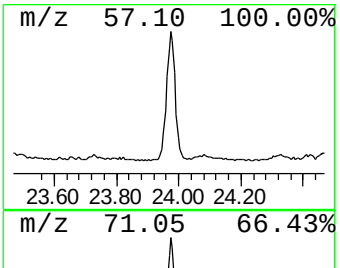
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

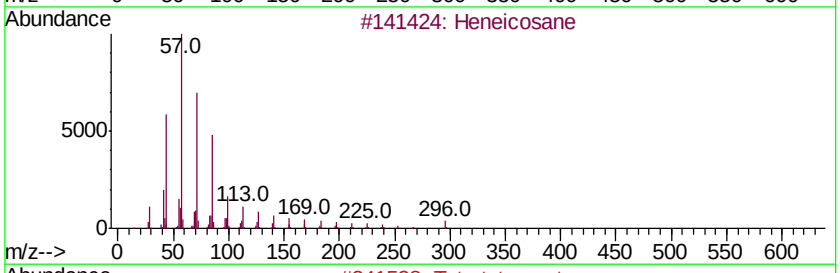
****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 32

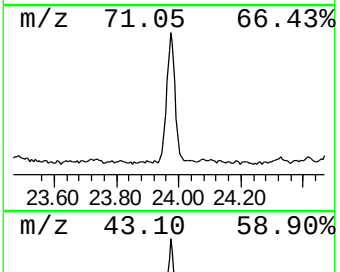
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	4.86 ng/ul	483014	Perylene-d12	23.47

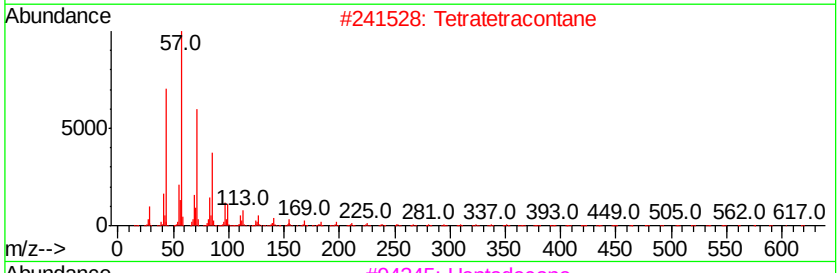
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Docosane	310	C22H46	000629-97-0	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87

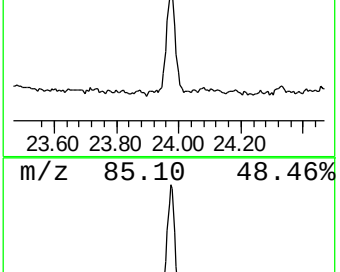


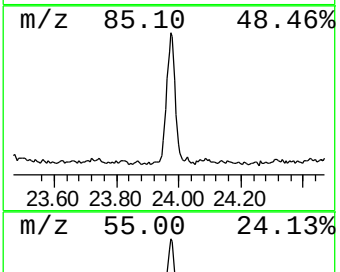


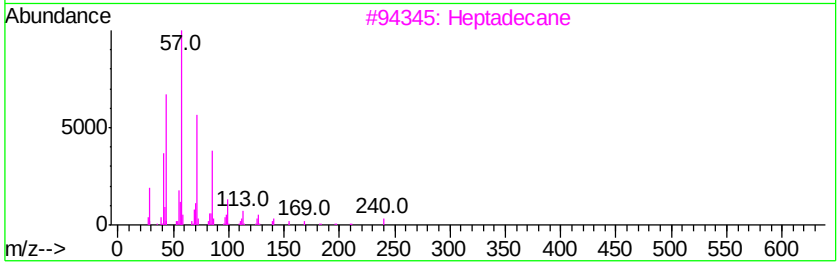


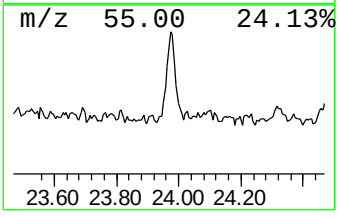












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

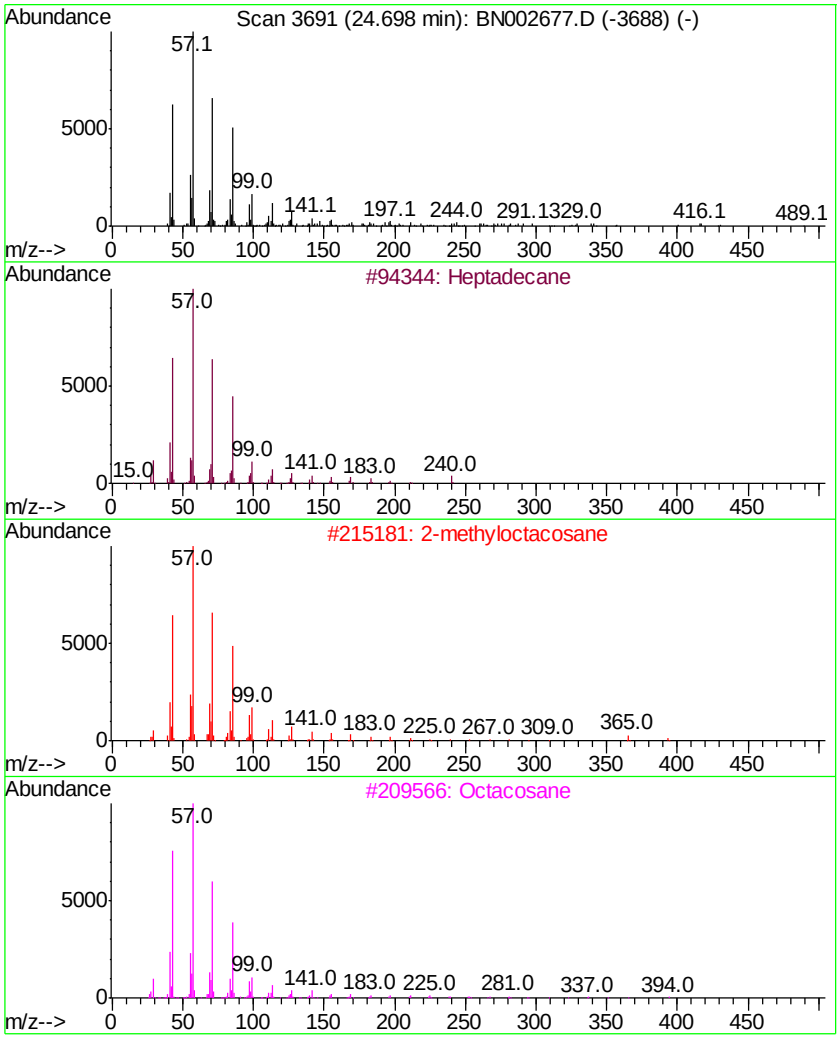
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

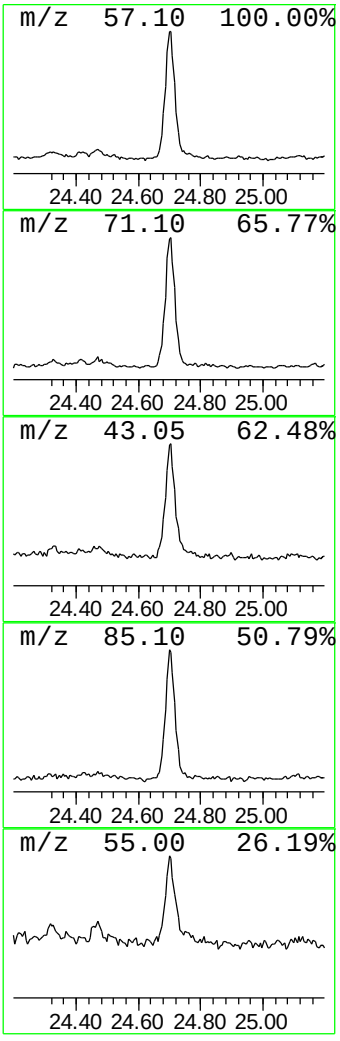
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	4.02 ng/ul	399476	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
Data File : BN002677.D
Acq On : 13 Sep 2018 16:06
Operator : JU/SJ
Sample : J4864-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
Butanoic acid, 3-...	4.63	6.5	ng/ul	351182	1	7.66	1076880	20.0
unknown-01	5.15	3.9	ng/ul	211189	1	7.66	1076880	20.0
Benzene, (1-methy...	6.17	5.9	ng/ul	319404	1	7.66	1076880	20.0
.alpha.-Pinene	6.36	12.4	ng/ul	670110	1	7.66	1076880	20.0
unknown-02	7.60	5.0	ng/ul	268630	1	7.66	1076880	20.0
p-Cymene	7.79	17.4	ng/ul	935976	1	7.66	1076880	20.0
D-Limonene	7.88	3.7	ng/ul	200274	1	7.66	1076880	20.0
Indane	8.03	7.0	ng/ul	375972	1	7.66	1076880	20.0
Benzene, 1-propynyl-	8.19	4.1	ng/ul	218627	1	7.66	1076880	20.0
Bicyclo[2.2.1]hep...	8.89	54.2	ng/ul	2917870	1	7.66	1076880	20.0
Phenol, 2,6-dimet...	9.08	4.2	ng/ul	329573	2	10.43	1553000	20.0
Triethyl phosphate	9.16	2.8	ng/ul	220534	2	10.43	1553000	20.0
Ethanol, 1-methox...	9.81	37.7	ng/ul	2924900	2	10.43	1553000	20.0
(+)-2-Bornanone	9.85	80.4	ng/ul	6244890	2	10.43	1553000	20.0
Phenol, 2-ethyl-	9.90	26.0	ng/ul	2018700	2	10.43	1553000	20.0
Oxepine, 2,7-dime...	9.94	12.1	ng/ul	937013	2	10.43	1553000	20.0
unknown-03	9.98	7.5	ng/ul	579877	2	10.43	1553000	20.0
Bicyclo[2.2.1]hep...	10.23	2.6	ng/ul	204820	2	10.43	1553000	20.0
Terpinen-4-ol	10.30	31.2	ng/ul	2421520	2	10.43	1553000	20.0
Phenol, 2-ethyl-5...	10.80	10.2	ng/ul	791484	2	10.43	1553000	20.0
Phenol, 2-ethyl-6...	10.89	5.8	ng/ul	448578	2	10.43	1553000	20.0
Phenol, 2-(1-meth...	10.98	6.9	ng/ul	538045	2	10.43	1553000	20.0
Benzeneacetic acid	11.05	24.9	ng/ul	1934290	2	10.43	1553000	20.0
Phenol, 4-(2-prop...	11.20	9.8	ng/ul	763387	2	10.43	1553000	20.0
Phenol, 2-propyl-	11.27	30.4	ng/ul	2364630	2	10.43	1553000	20.0
Phenol, 3,4,5-tri...	11.46	3.8	ng/ul	297795	2	10.43	1553000	20.0
Naphthalene, 1-me...	12.32	43.9	ng/ul	3408040	2	10.43	1553000	20.0
(DEL) Alkane: Str...	22.29	2.3	ng/ul	208045	5	21.25	1848220	20.0
(DEL) Alkane: Str...	22.79	3.3	ng/ul	324073	6	23.47	1986240	20.0
(DEL) Alkane: Str...	23.97	4.9	ng/ul	483014	6	23.47	1986240	20.0
(DEL) Alkane: Str...	24.70	4.0	ng/ul	399476	6	23.47	1986240	20.0