LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
Data File : BN010609.D
Acq On : 28 Apr 2020 00:46
Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

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-BN040920MA.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	2.887	12	17	25	rBV	173635	329621	3.90%	0.326%
2	2.958	25	29	39	rVB	183091	314671	3.72%	0.311%
3	3.228	71	75	93	rVB	562635	941060	11.13%	0.931%
4	3.969	195	201	206	rVV	140940	209444	2.48%	0.207%
5	4.316	254	260	274	rVB	154152	298060	3.53%	0.295%
6	6.305	588	598	606	rVV7	33122	83837	0.99%	0.083%
7	6.563	638	642	647	rBV5	35597	72971	0.86%	0.072%
8	6.781	672	679	692	rBV2	190369	426312	5.04%	0.422%
9	6.934	699	705	712	rBV	489804	786481	9.30%	0.778%
10	7.128	731	738	748	rVV	656058	1100496	13.02%	1.089%
11	7.210	748	752	768	rVV	182232	395178	4.67%	0.391%
12	7.587	809	816	823	rVV	1083233	1748419	20.68%	1.730%
13	7.657	823	828	833	rVV4	95461	195472	2.31%	0.193%
14	7.728	835	840	846	rVB	174488	291074	3.44%	0.288%
15	7.816	851	855	861	rBV7	40118	83374	0.99%	0.083%
16	8.293	930	936	941	rVV	567748	887442	10.50%	0.878%
17	8.352	941	946	953	rVB	235151	396885	4.69%	0.393%
18	8.493	962	970	974	rBV5	46982	107535	1.27%	0.106%
19	8.557	974	981	988	rBV	5327655	8455096	100.00%	8.367%
20	8.681	997	1002	1004	rBV	88371	134688	1.59%	0.133%
21	8.722	1004	1009	1019	rVB	639940	1060724	12.55%	1.050%
22	8.816	1019	1025	1030	rVB	287664	458245	5.42%	0.453%
23	8.928	1038	1044	1051	rBV8	47312	95206	1.13%	0.094%
24	9.087	1063	1071	1075	rBV4	79464	147889	1.75%	0.146%
25	9.204	1084	1091	1097	rBV3	327238	657885	7.78%	0.651%
26	9.281	1097	1104	1112	rVV8	52587	126416	1.50%	0.125%
27	9.440	1125	1131	1137	rBV	551147	946152	11.19%	0.936%
28	9.569	1145	1153	1157	rBV7	84697	165667	1.96%	0.164%
29	9.622	1157	1162	1168	rVV2	105922	221363	2.62%	0.219%
30	9.728	1172	1180	1184	rVV	449279	817156	9.66%	0.809%
31	9.769	1184	1187	1195	rVV	466952	715316	8.46%	0.708%
32	9.899	1203	1209	1215	rVV	206316	393765	4.66%	0.390%
33	9.975	1215	1222	1227	rVV	1016248	1795734	21.24%	1.777%
34	10.016	1227	1229	1242	rVV4	164251	336589	3.98%	0.333%

LSC Area Percent Report

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Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

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-BN040920MA.M
Title : SVOA CALIBRATION

35	10.134	1243	1249	1259	rVV2	153336	343232	4.06%	0.340%
36	10.222	1259	1264	1269	rVV2	85950	140457	1.66%	0.139%
37	10.293	1272	1276	1278	rVV5	46283	72930	0.86%	0.072%
38	10.346	1278	1285	1290	rVV	1601896	2672963	31.61%	2.645%
39	10.410	1290	1296	1302	rVV3	434522	831100	9.83%	0.822%
40	10.481	1302	1308	1319	rVB	959244	1845400	21.83%	1.826%
41	10.634	1329	1334	1342	rVV7	81933	212028	2.51%	0.210%
42	10.804	1357	1363	1368	rBV6	64095	147589	1.75%	0.146%
43	10.928	1380	1384	1389	rBV7	58956	106079	1.25%	0.105%
44	10.987	1390	1394	1398	rVV4	92617	157067	1.86%	0.155%
45	11.040	1398	1403	1410	rVB5	82981	172518	2.04%	0.171%
46	11.181	1416	1427	1431	rBV2	243727	529969	6.27%	0.524%
47	11.281	1439	1444	1449	rBV5	43417	98343	1.16%	0.097%
48	11.340	1450	1454	1460	rVV7	84761	170704	2.02%	0.169%
49	11.410	1461	1466	1472	rVB4	73312	132442	1.57%	0.131%
50	11.546	1485	1489	1497	rVB5	87668	155304	1.84%	0.154%
51	11.698	1508	1515	1521	rBV2	152989	284799	3.37%	0.282%
52	11.851	1535	1541	1548	rVV	1624841	2635318	31.17%	2.608%
53	11.957	1549	1559	1565	rVV2	316481	659626	7.80%	0.653%
54	12.069	1573	1578	1583	rBV7	72858	139478	1.65%	0.138%
55	12.181	1593	1597	1602	rVB4	59688	95962	1.13%	0.095%
56	12.234	1602	1606	1610	rBV5	48796	76887	0.91%	0.076%
57	12.357	1623	1627	1631	rBV3	71845	105988	1.25%	0.105%
58	12.934	1720	1725	1732	rBV10	44030	105695	1.25%	0.105%
59	13.063	1743	1747	1753	rVB	186362	284411	3.36%	0.281%
60	13.134	1753	1759	1769	rBV	2418196	3828274	45.28%	3.788%
61	13.257	1775	1780	1787	rVB3	117042	205282	2.43%	0.203%
62	13.634	1838	1844	1848	rVV	1670815	2387203	28.23%	2.362%
63	13.675	1848	1851	1857	rVB	702986	942017	11.14%	0.932%
64	13.769	1863	1867	1871	rBV7	67765	128391	1.52%	0.127%
65	13.898	1883	1889	1900	rBV	1926816	3074866	36.37%	3.043%
66	14.045	1908	1914	1918	rBV	313958	510580	6.04%	0.505%
67	14.140	1926	1930	1936	rVB3	284101	393420	4.65%	0.389%
68	14.210	1936	1942	1950	rBV	2574926	3899142	46.12%	3.859%
69	14.275	1950	1953	1956	rVV	65131	81003	0.96%	0.080%
70	14.439	1976	1981	1987	rBV3	131563	242310	2.87%	0.240%
71	14.992	2069	2075	2080	rBV3	101154	267858	3.17%	0.265%

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Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

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-BN040920MA.M
Title : SVOA CALIBRATION

72	15.039	2081	2083	2088	rVB4	92252	105146	1.24%	0.104%
73	15.210	2107	2112	2118	rVB	2627218	3653978	43.22%	3.616%
74	15.269	2119	2122	2128	rVB4	84270	129035	1.53%	0.128%
75	15.334	2128	2133	2136	rBV	514458	693992	8.21%	0.687%
76	15.375	2136	2140	2150	rVB	1011039	1327671	15.70%	1.314%
77	15.469	2152	2156	2160	rVB5	140143	193367	2.29%	0.191%
78	15.734	2195	2201	2209	rBV	1653481	2196776	25.98%	2.174%
79	15.898	2224	2229	2236	rBV2	418188	659098	7.80%	0.652%
80	16.063	2254	2257	2262	rVB	87497	109767	1.30%	0.109%
81	16.239	2282	2287	2295	rBV	1044214	1517021	17.94%	1.501%
82	16.522	2331	2335	2340	rBV	130652	192248	2.27%	0.190%
83	16.963	2404	2410	2415	rBV	3404353	4981276	58.91%	4.929%
84	17.057	2420	2426	2438	rBV	3068088	4391555	51.94%	4.346%
85	17.298	2463	2467	2471	rBV	211229	252719	2.99%	0.250%
86	17.369	2477	2479	2483	rVB3	106642	126672	1.50%	0.125%
87	17.886	2563	2567	2575	rBV	436287	697520	8.25%	0.690%
88	18.157	2610	2613	2617	rBV2	149108	244965	2.90%	0.242%
89	18.651	2693	2697	2701	rVB	344029	409359	4.84%	0.405%
90	18.751	2710	2714	2721	rBV	463722	577874	6.83%	0.572%
91	19.080	2766	2770	2773	rBV	413462	439846	5.20%	0.435%
92	19.363	2812	2818	2823	rBV	3922371	5265698	62.28%	5.211%
93	19.422	2824	2828	2835	rVB2	410518	619107	7.32%	0.613%
94	19.910	2908	2911	2914	rBV4	180532	212953	2.52%	0.211%
95	20.904	3076	3080	3087	rVB	1719488	1930260	22.83%	1.910%
96	21.163	3119	3124	3132	rBV	4905388	5925427	70.08%	5.864%
97	22.716	3385	3388	3392	rVB	364223	440195	5.21%	0.436%
98	23.192	3463	3469	3476	rVV	2632479	4348803	51.43%	4.304%
99	23.257	3477	3480	3485	rVV2	410163	612615	7.25%	0.606%
100	23.327	3486	3492	3500	rVB	3019359	5464306	64.63%	5.407%

Sum of corrected areas: 101052107

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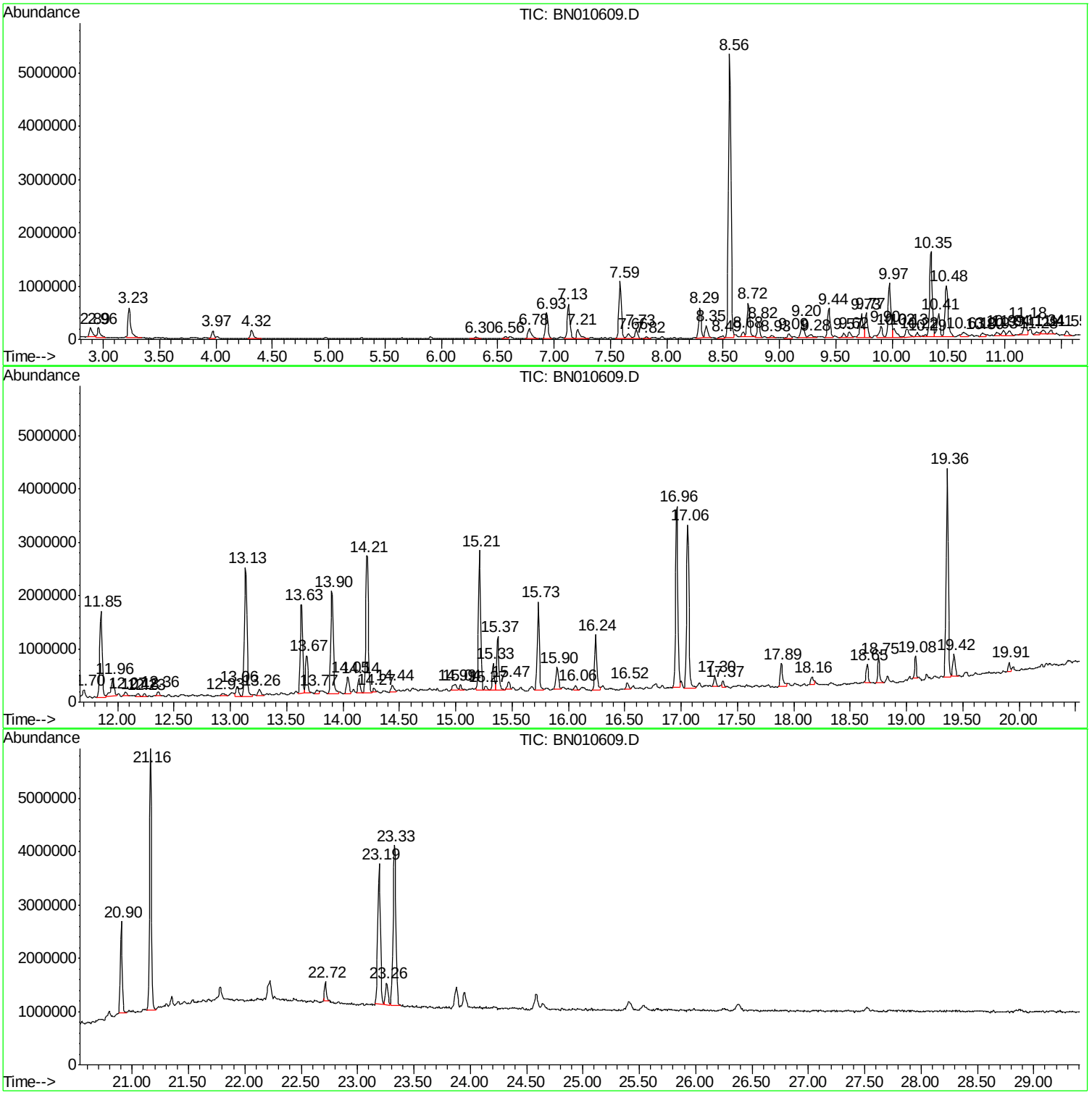
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : CB620

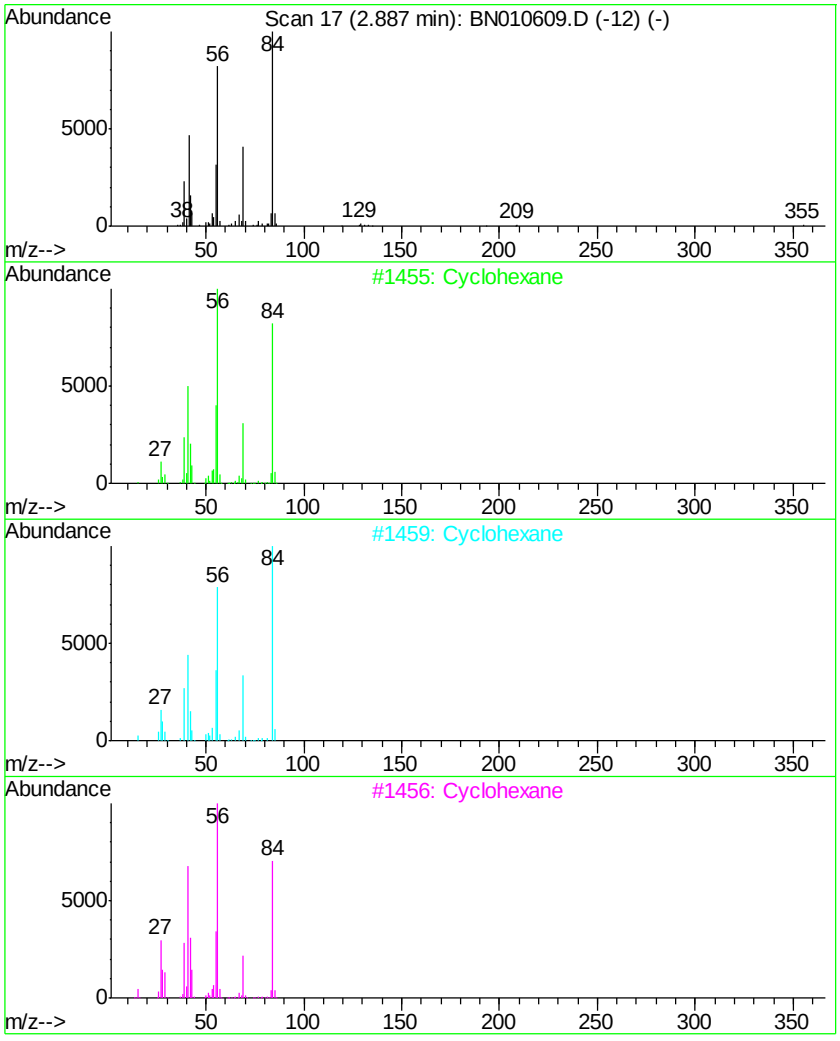
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

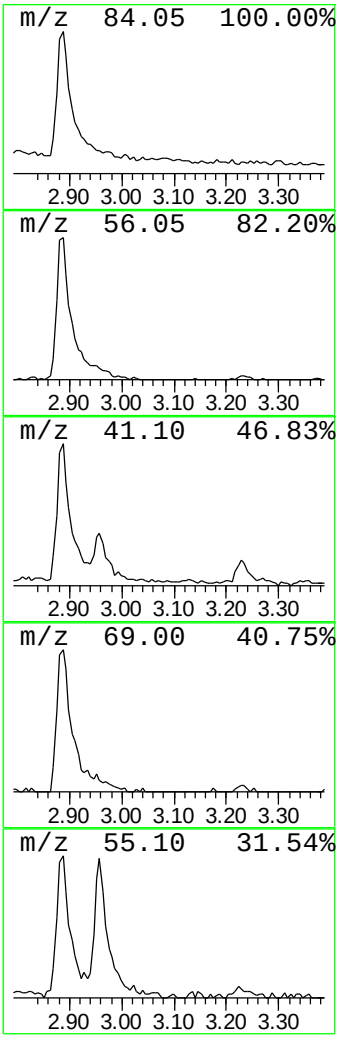
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic2.89 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	3.77 ng/ul	329621	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Pyridine-D5-	84	C5D5N	007291-22-7	72
5	2-Amino-oxazole	84	C3H4N2O	004570-45-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
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Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

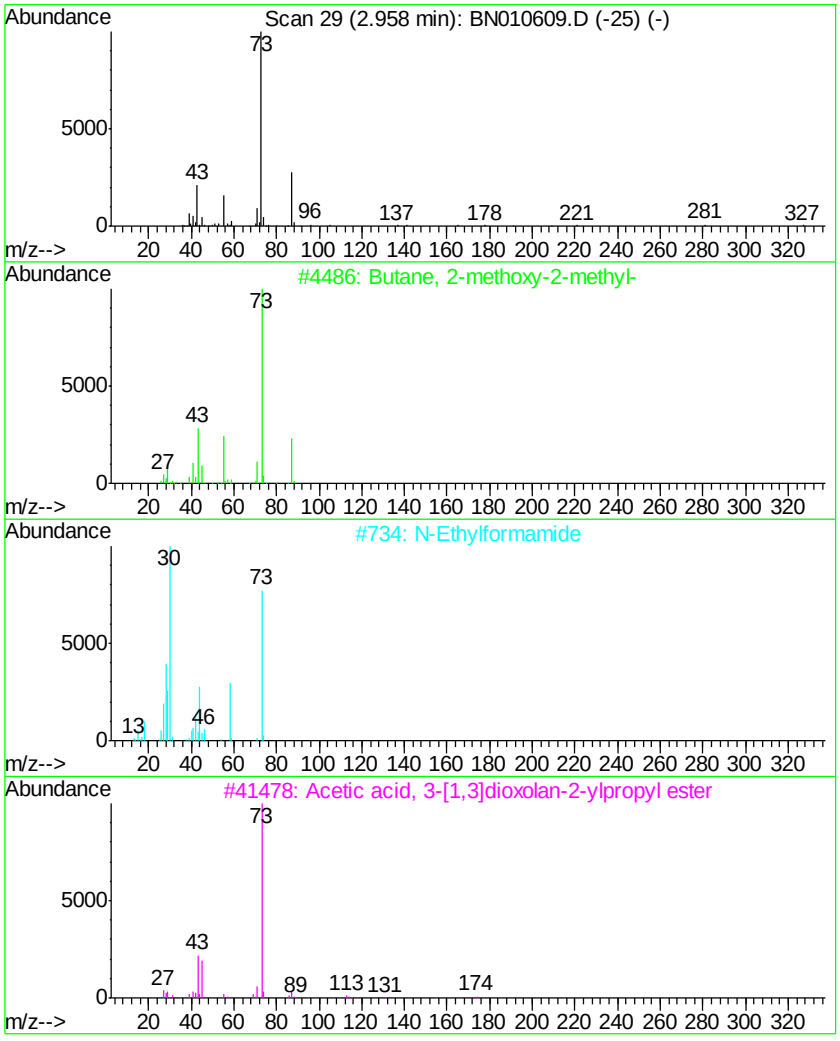
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

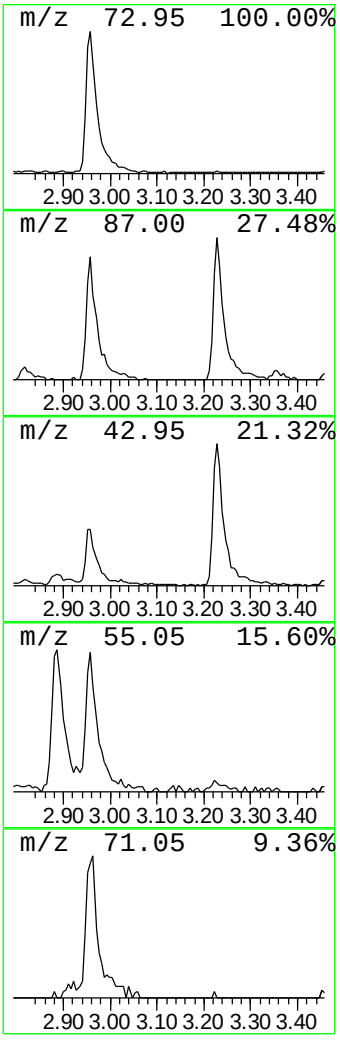
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	3.60 ng/ul	314671	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
5	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	9





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : CB620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

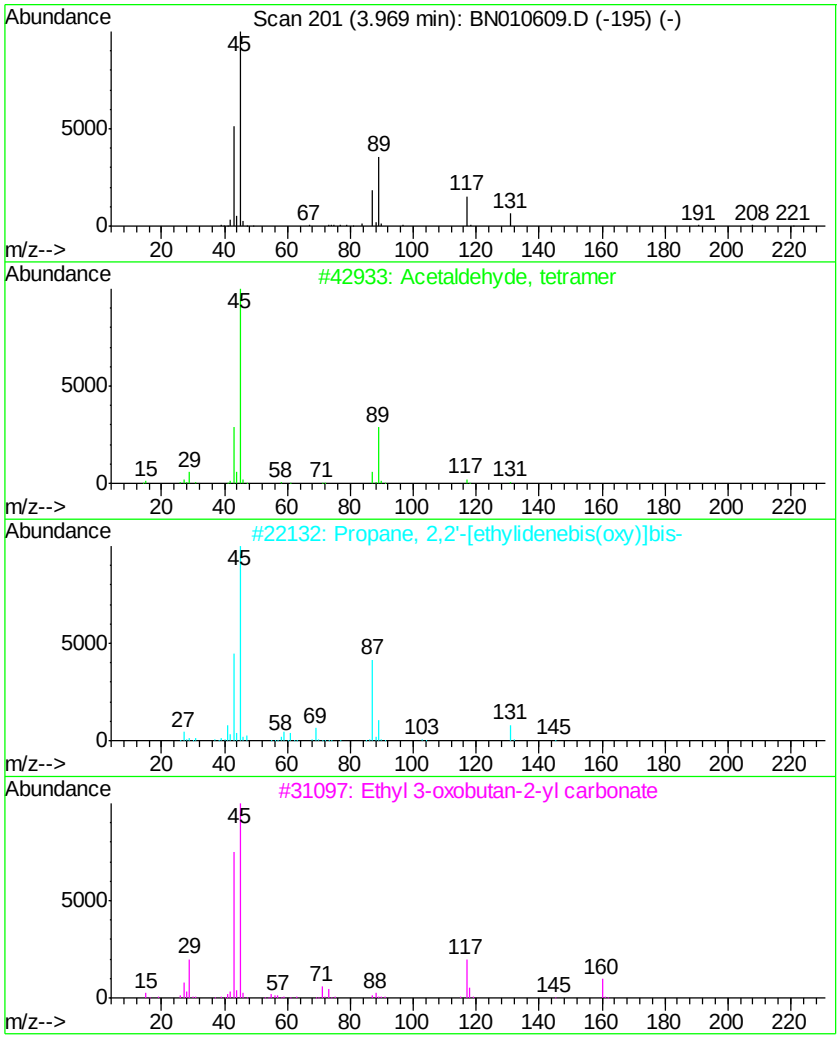
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

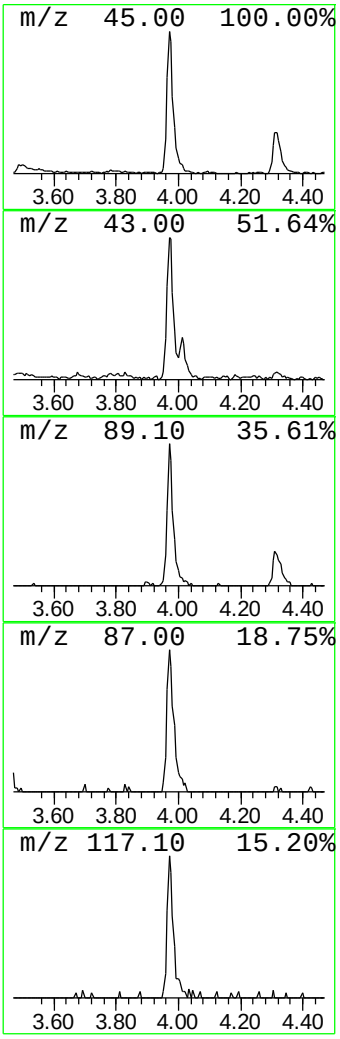
****

Peak Number 3 Acetaldehyde, tetramer Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	2.40 ng/ul	209444	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	78
2	Propane, 2,2'-[ethylidenebis(oxy...	146	C8H18O2	004285-59-0	59
3	Ethyl 3-oxobutan-2-yl carbonate	160	C7H12O4	1000373-77-1	42
4	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	40
5	15-Crown-5	220	C10H20O5	033100-27-5	40





Library Search Compound Report

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Data File : BN010609.D
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Misc :
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Instrument : BNA_N
ClientSampleId : CB620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

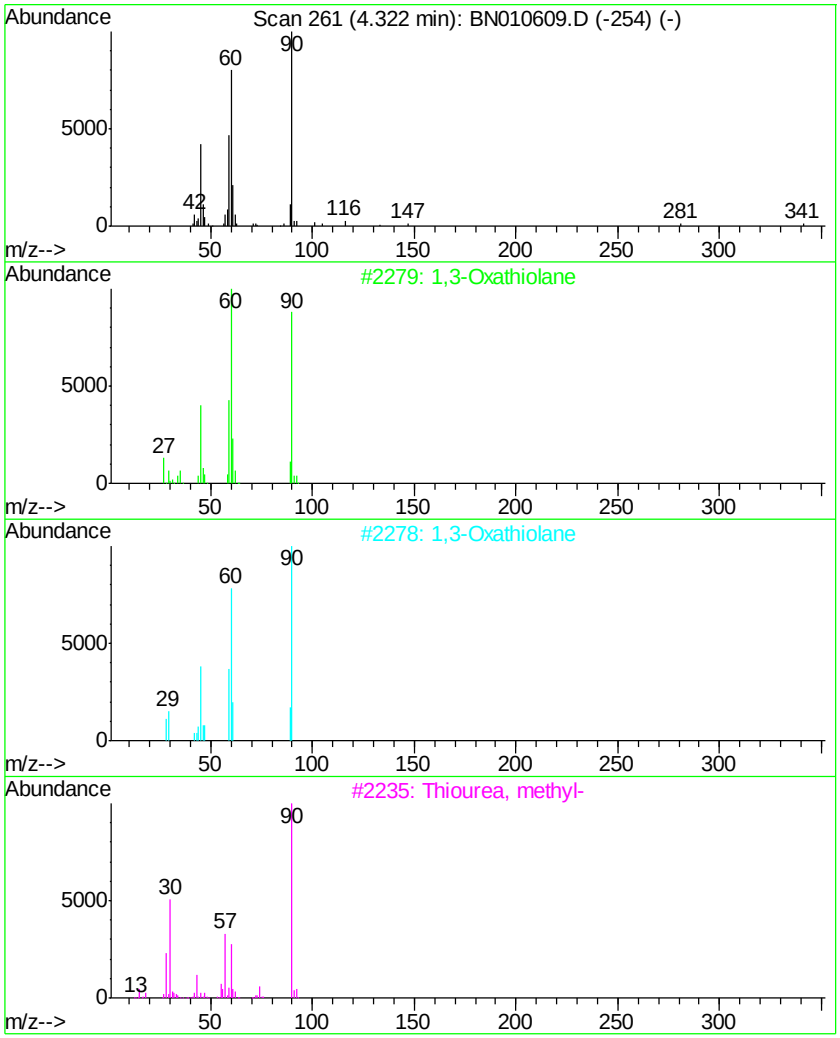
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

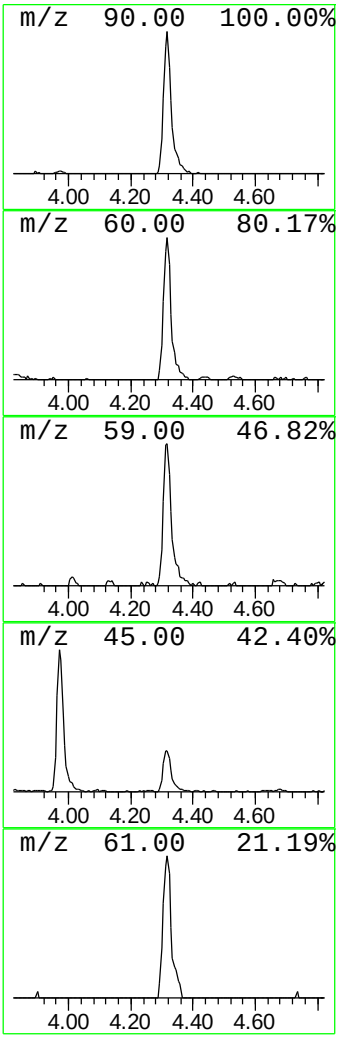
****

Peak Number 4 1,3-Oxathiolane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	3.41 ng/ul	298060	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	87
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	78
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	58
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	36
5	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	14





Library Search Compound Report

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Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

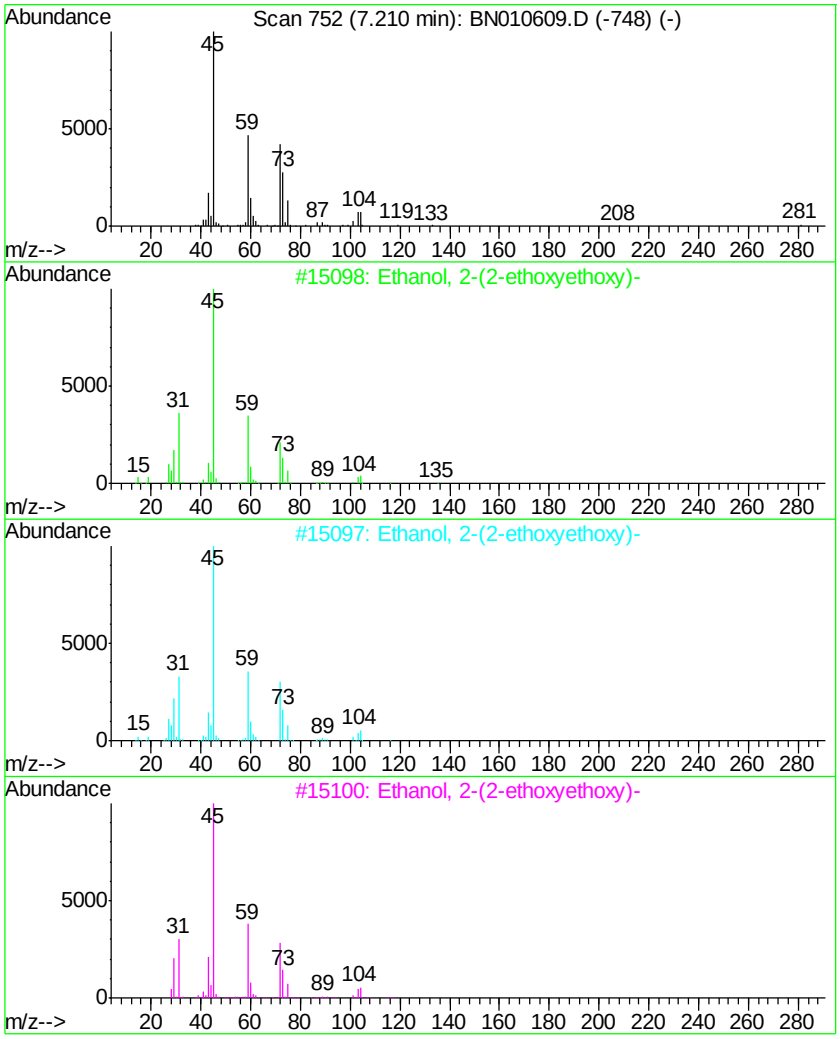
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

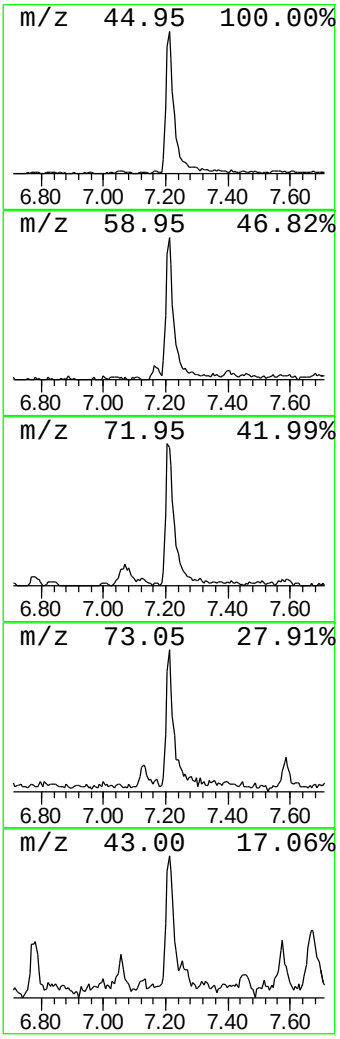
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	4.52 ng/ul	395178	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	72
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64





Library Search Compound Report

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Data File : BN010609.D
Acq On : 28 Apr 2020 00:46
Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

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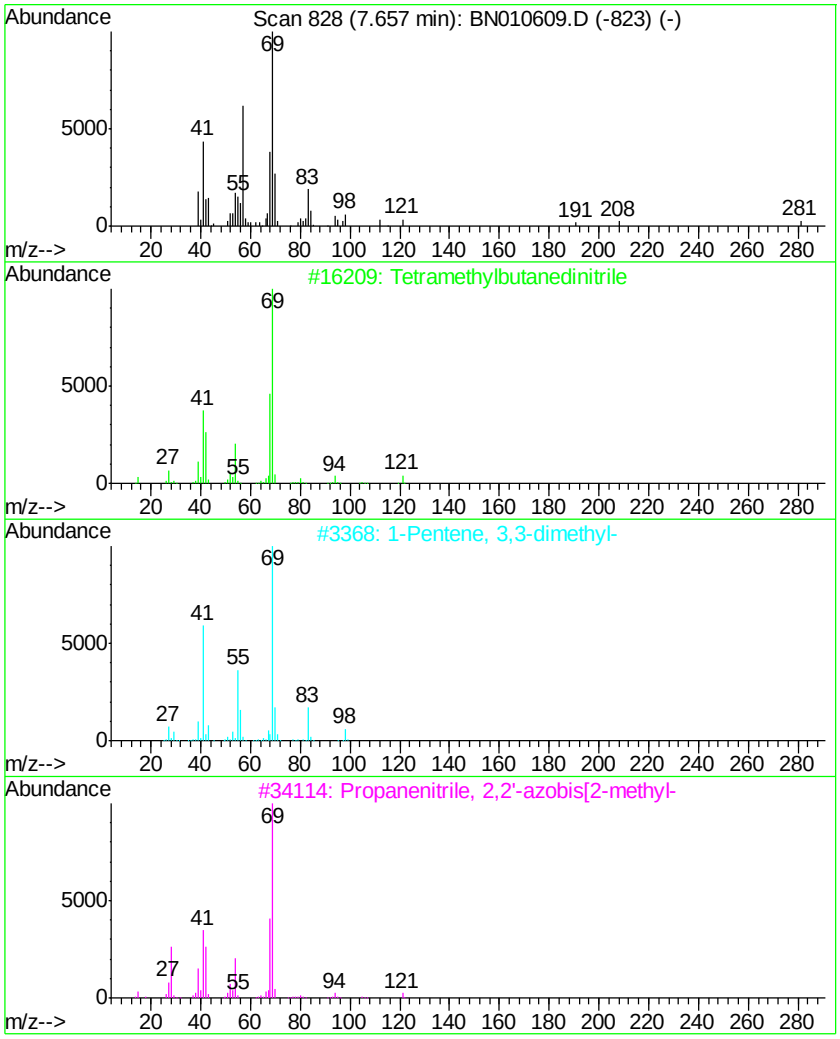
Quant Title : SVOA CALIBRATION

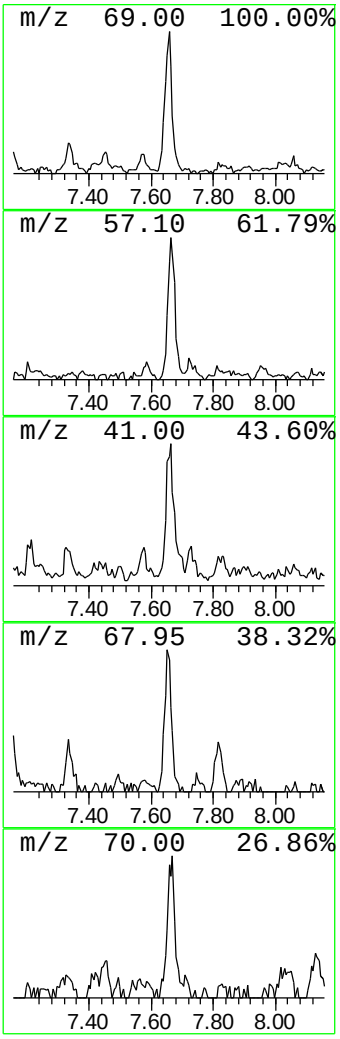
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Tetramethylbutanedinitrile Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	2.24 ng/ul	195472	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	59
2	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	47
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	45
4	2-Decene, 2-methyl-	154	C11H22	023381-92-2	42
5	Acetic acid, trifluoro-, 1,5-pen...	296	C9H10F6O4	000453-44-1	42





Library Search Compound Report

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Sample : L2418-11
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Instrument : BNA_N
ClientSampleId : CB620

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Quant Title : SVOA CALIBRATION

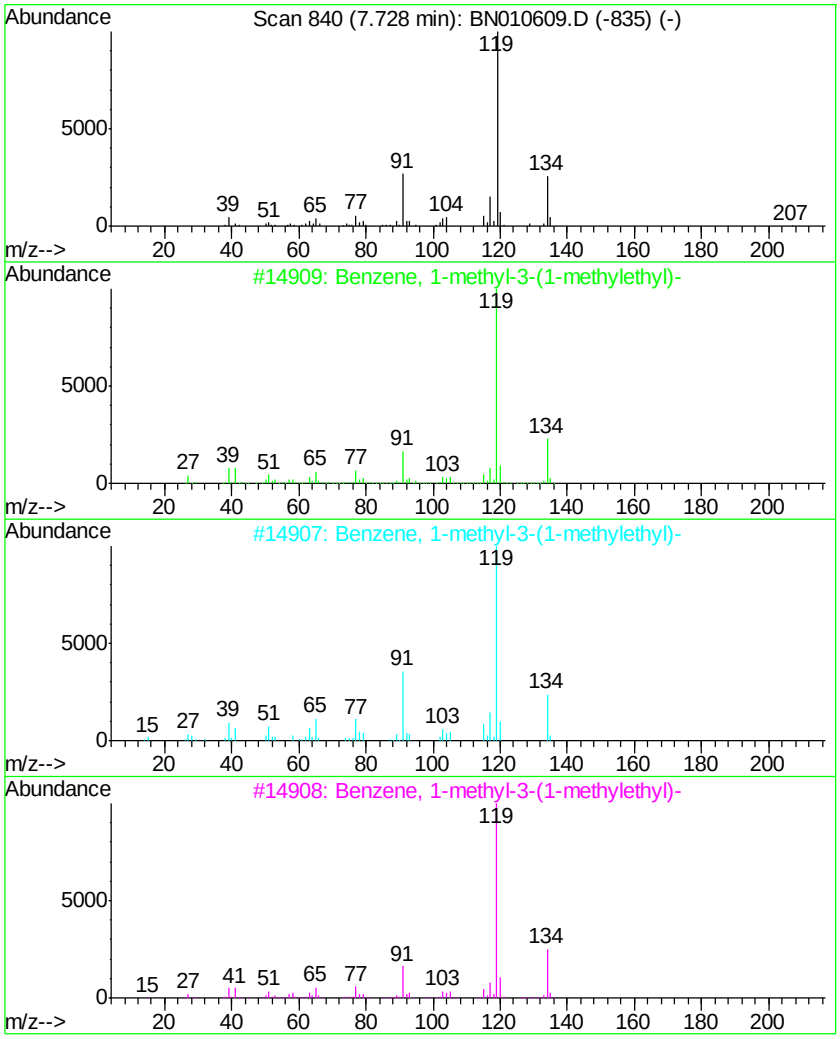
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

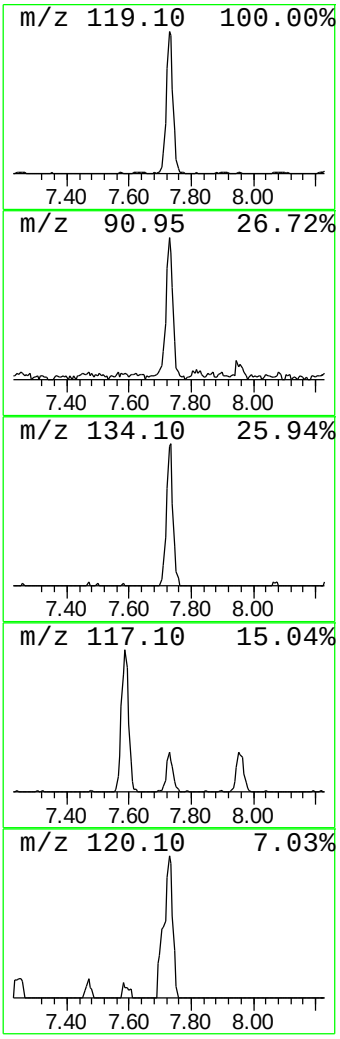
****

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	3.33 ng/ul	291074	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	p-Cymene	134	C10H14	000099-87-6	90
5	o-Cymene	134	C10H14	000527-84-4	90





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ClientSampleId : CB620

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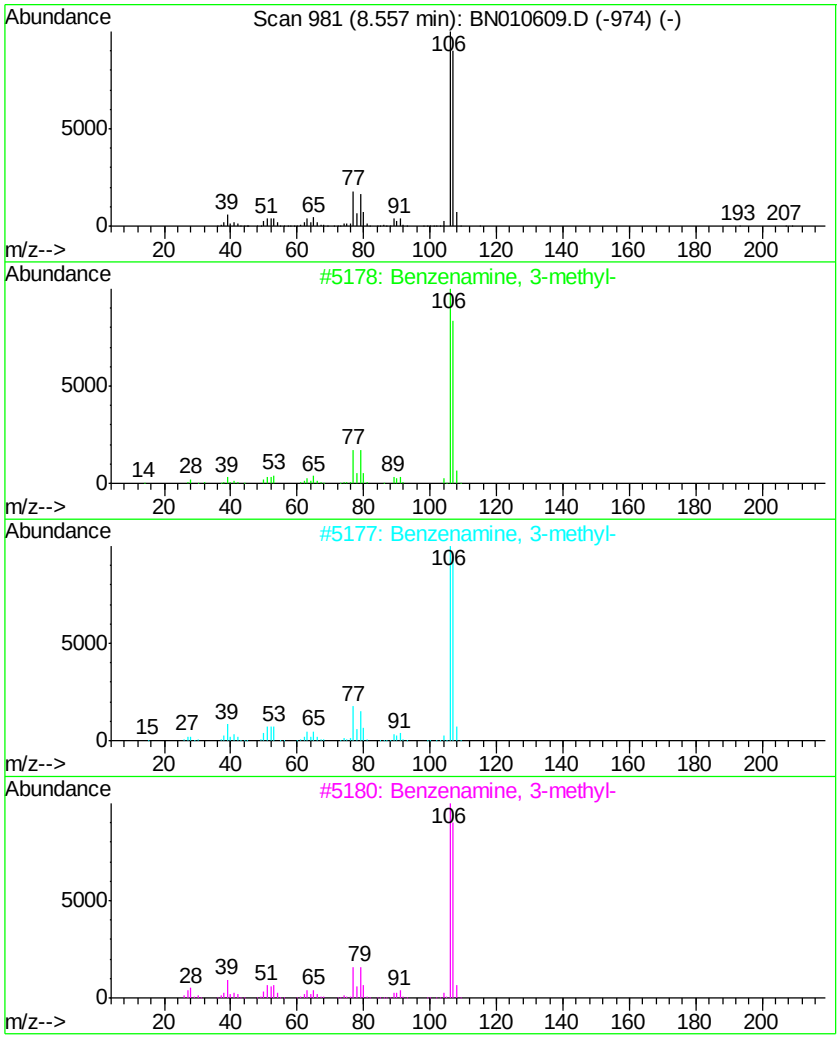
Quant Title : SVOA CALIBRATION

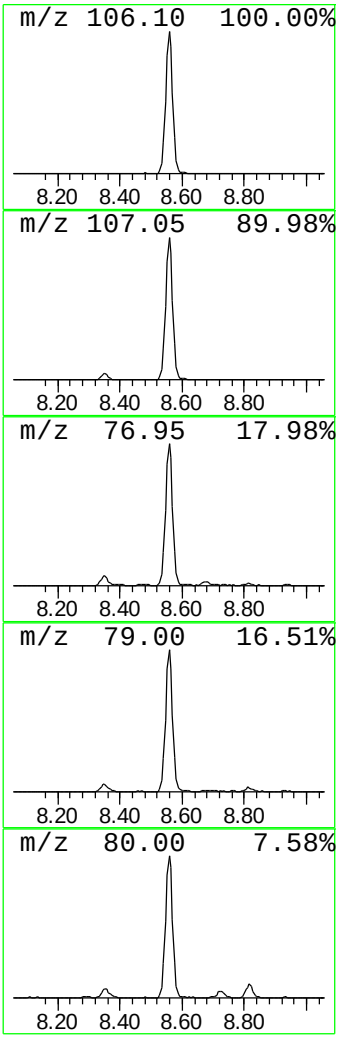
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	96.72 ng/ul	8455100	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94





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Instrument : BNA_N
ClientSampleId : CB620

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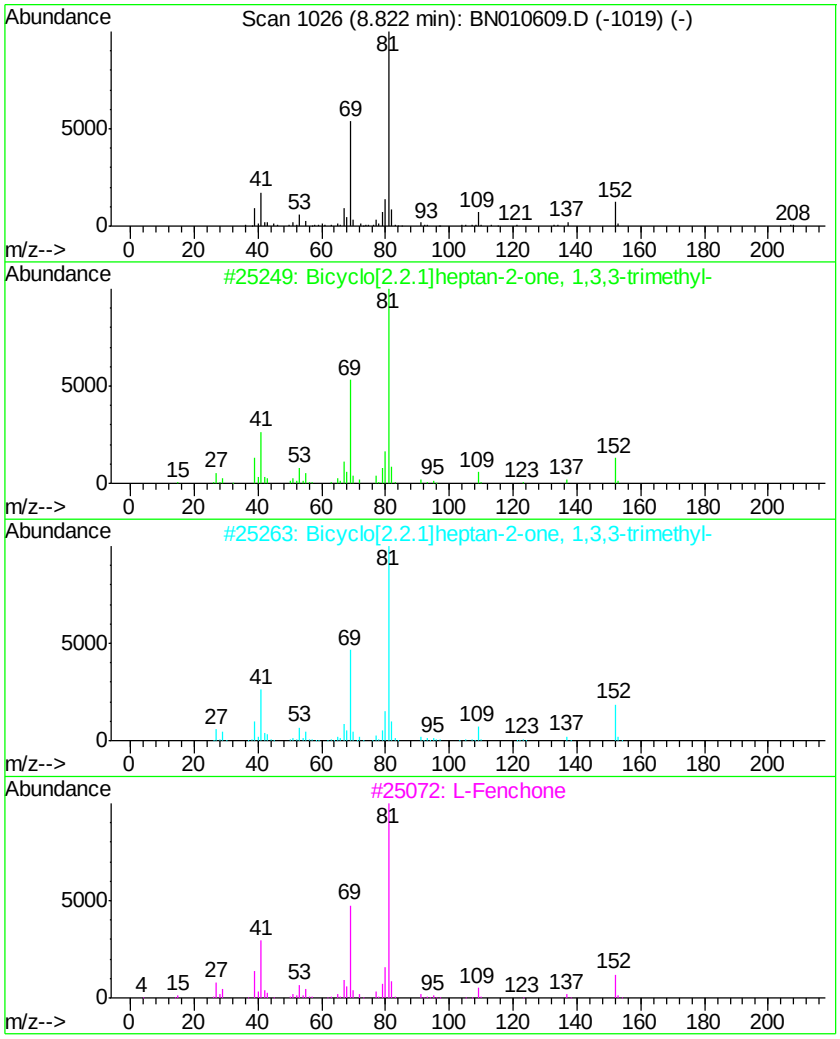
Quant Title : SVOA CALIBRATION

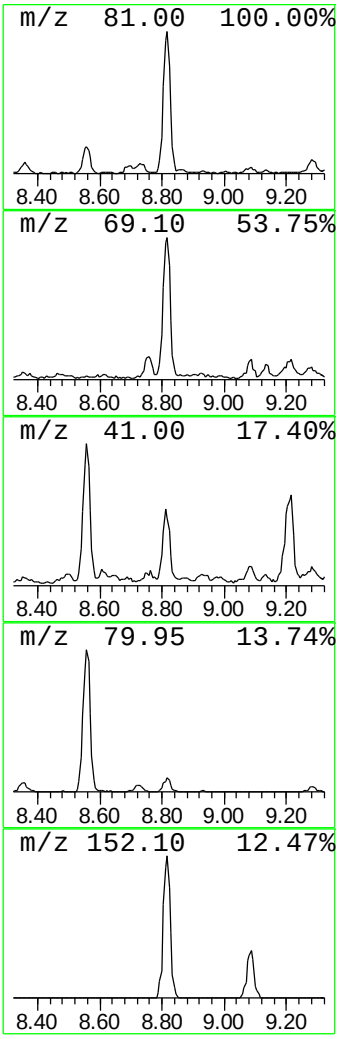
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	5.24 ng/ul	458245	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
3	L-Fenchone	152	C10H16O	007787-20-4	91
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91





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Quant Title : SVOA CALIBRATION

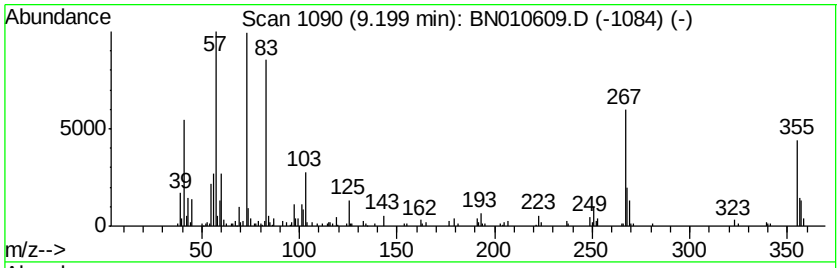
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

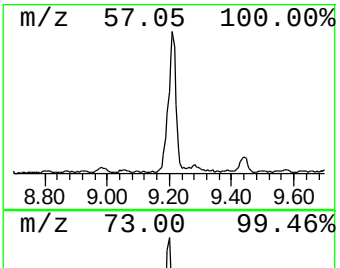
****

Peak Number 10 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	4.92 ng/ul	657885	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	43
2	2-Nonen-4-one, 2-methyl-	154	C10H18O	002903-23-3	22
3	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	22
4	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	22
5	N,N'-di-tert-Butylcarbodiimide	154	C9H18N2	000691-24-7	22





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Instrument : BNA_N
ClientSampleId : CB620

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Quant Title : SVOA CALIBRATION

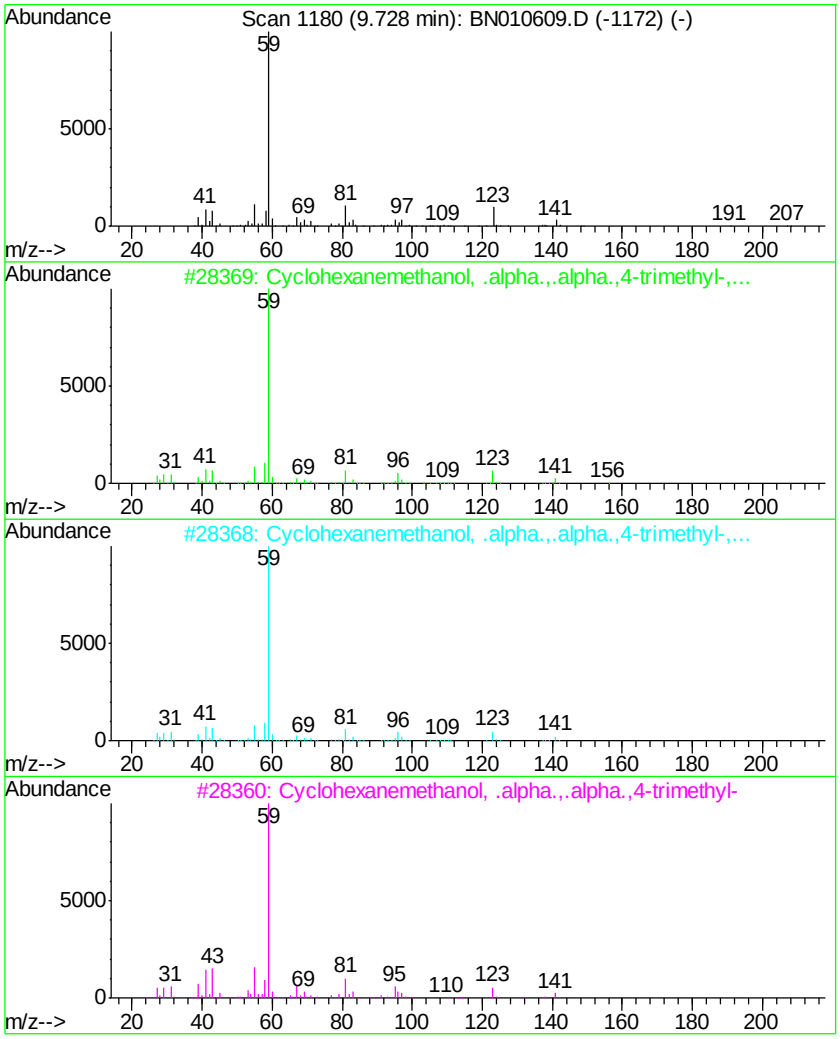
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

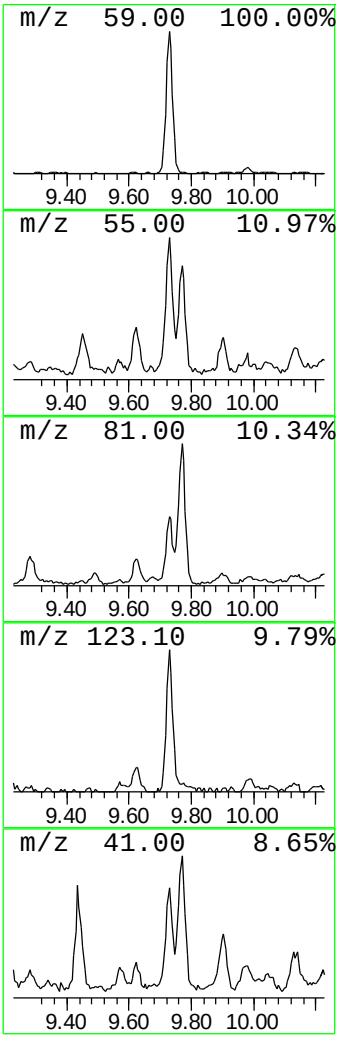
****

Peak Number 11 Cyclohexanemethanol, .alpha... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	6.11 ng/ul	817156	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	64
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	64
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	64
4	o-Menthan-8-ol	156	C10H20O	343855-44-7	50
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	47





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Sample : L2418-11
Misc :
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Instrument : BNA_N
ClientSampleId : CB620

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Quant Title : SVOA CALIBRATION

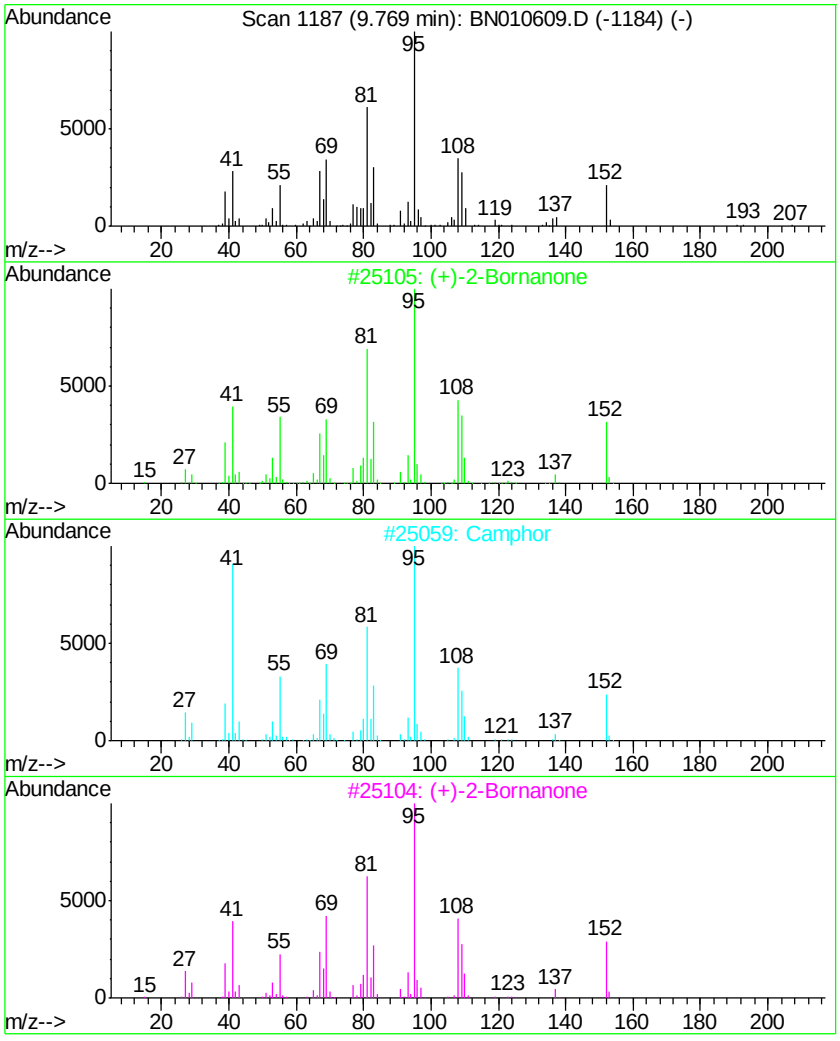
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

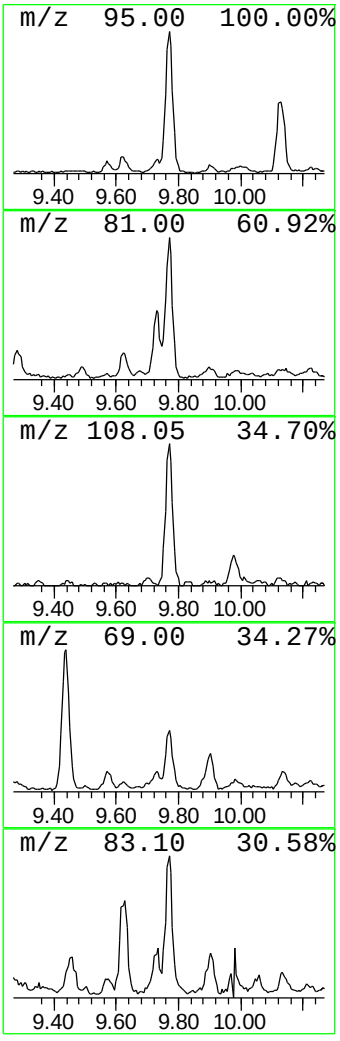
****

Peak Number 12 (+)-2-Bornanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.35 ng/ul	715316	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Camphor	152	C10H16O	000076-22-2	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	95





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Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

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Quant Title : SVOA CALIBRATION

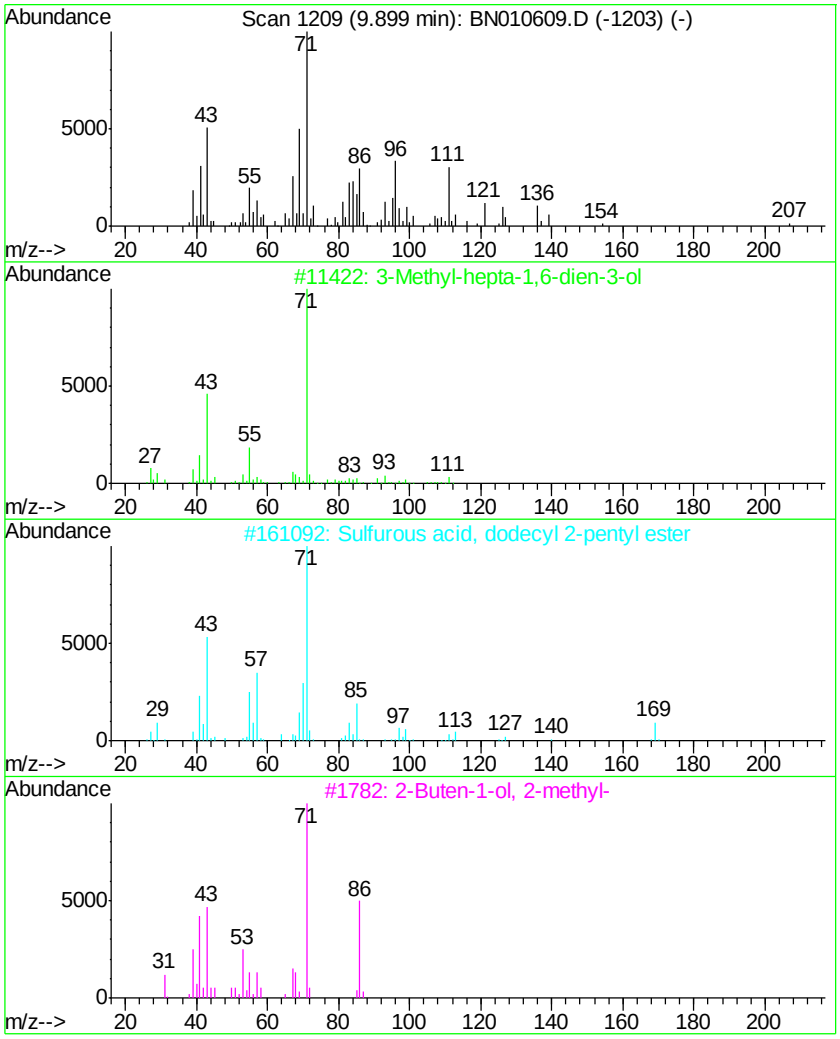
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

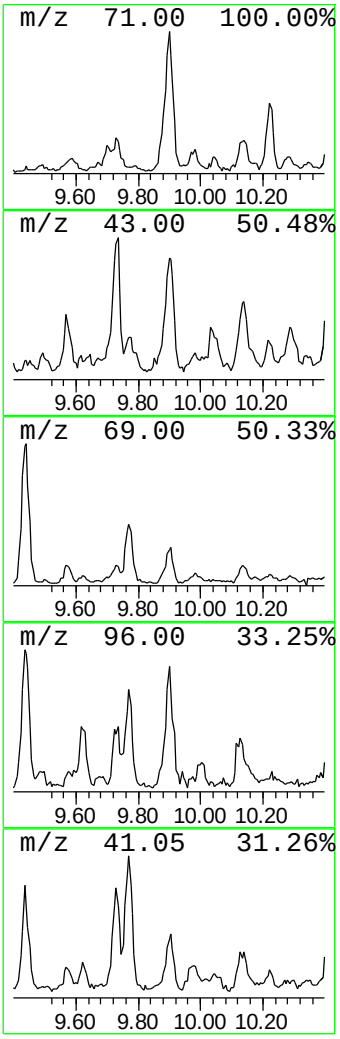
****

Peak Number 13 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.95 ng/ul	393765	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-hepta-1,6-dien-3-ol	126	C8H14O	034780-69-3	43
2	Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	38
3	2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	35
4	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	35
5	Glutaric acid, isohexyl tetrahyd...	300	C16H28O5	1000359-66-1	35





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Sample : L2418-11
Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

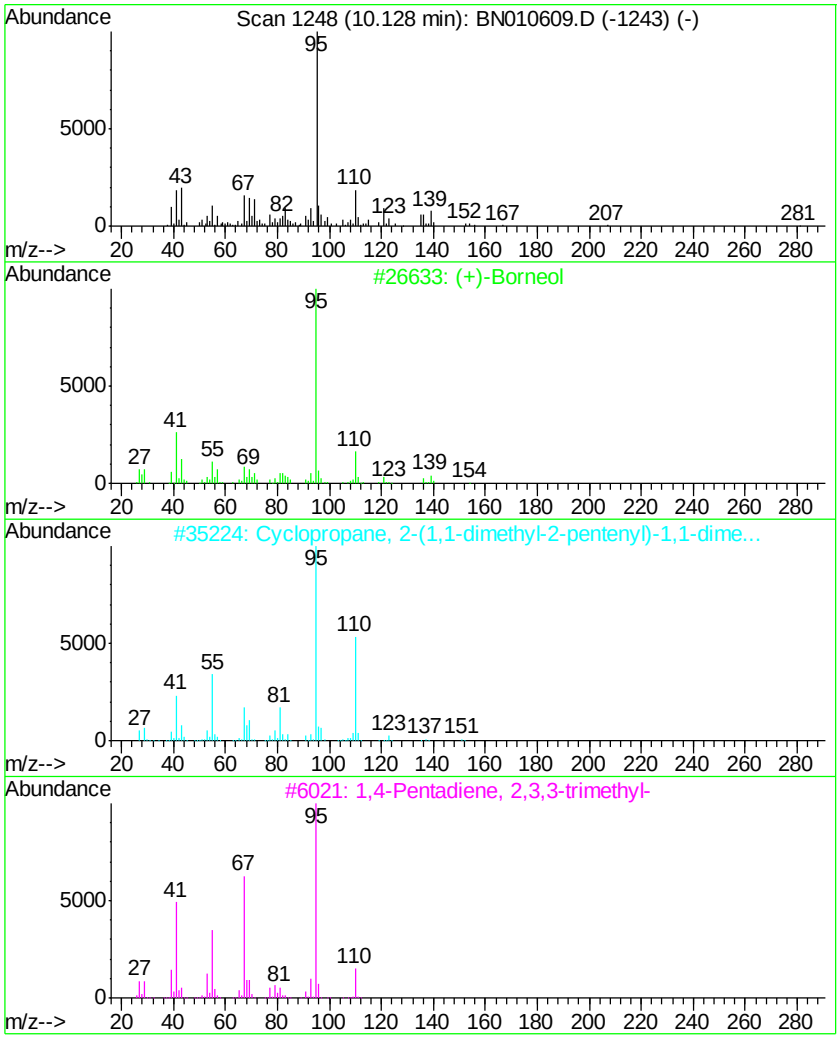
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

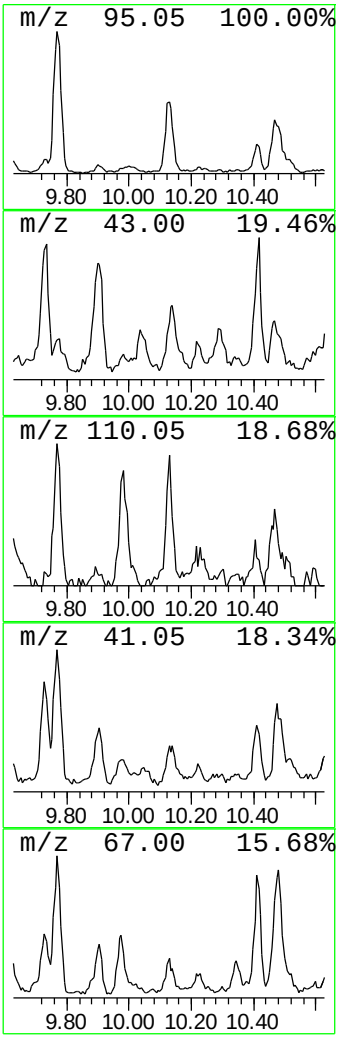
****

Peak Number 14 (+)-Borneol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.57 ng/ul	343232	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-Borneol	154	C10H18O	1000150-76-3	64
2	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	64
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	58
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	58
5	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	53





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Quant Title : SVOA CALIBRATION

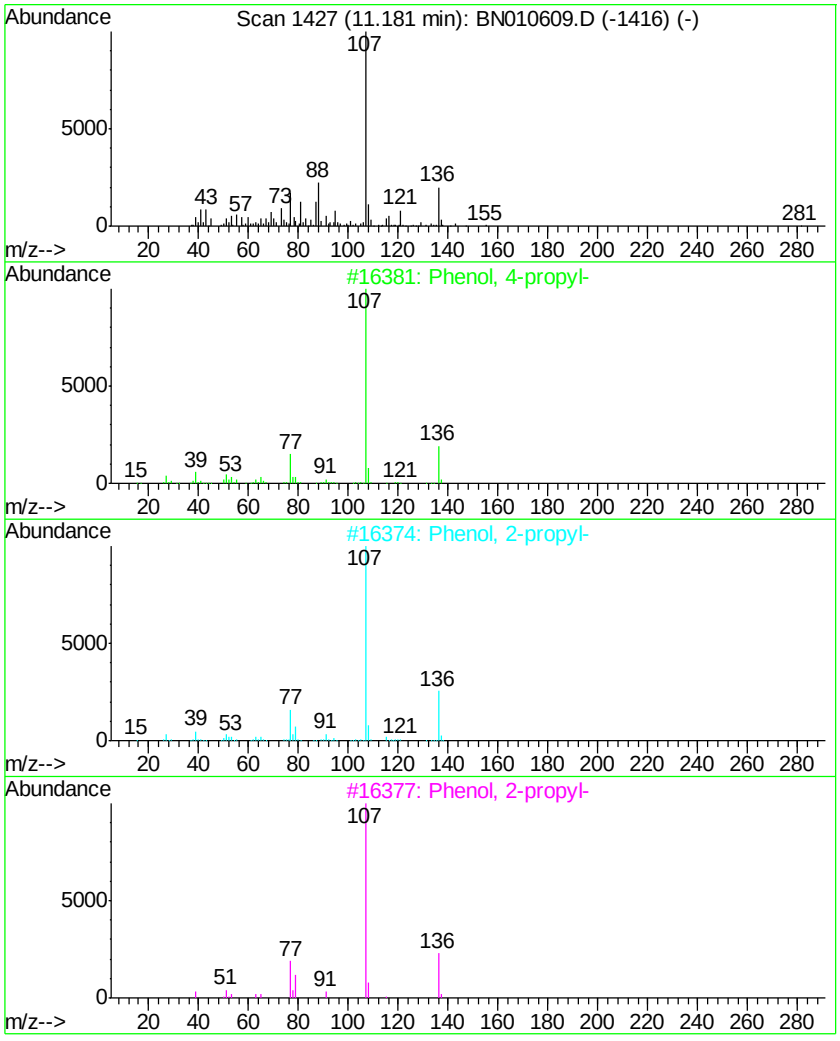
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

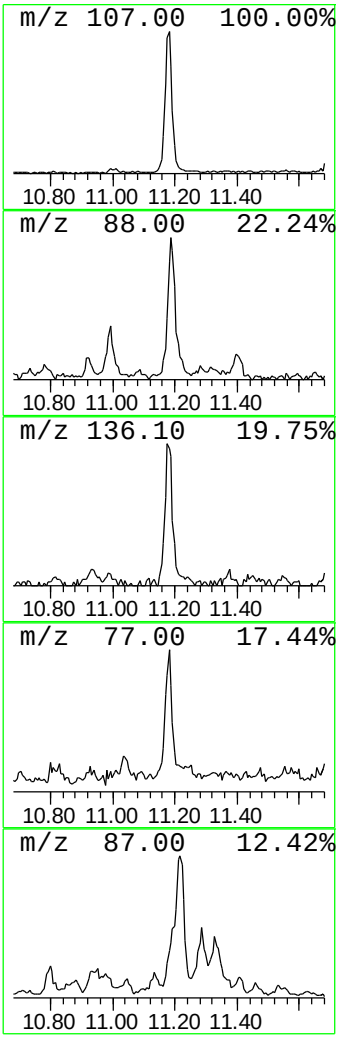
****

Peak Number 15 Phenol, 4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.97 ng/ul	529969	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-propyl-	136	C9H12O	000645-56-7	64
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	52
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	52
5	Phenol, 4-propyl-	136	C9H12O	000645-56-7	52





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Quant Title : SVOA CALIBRATION

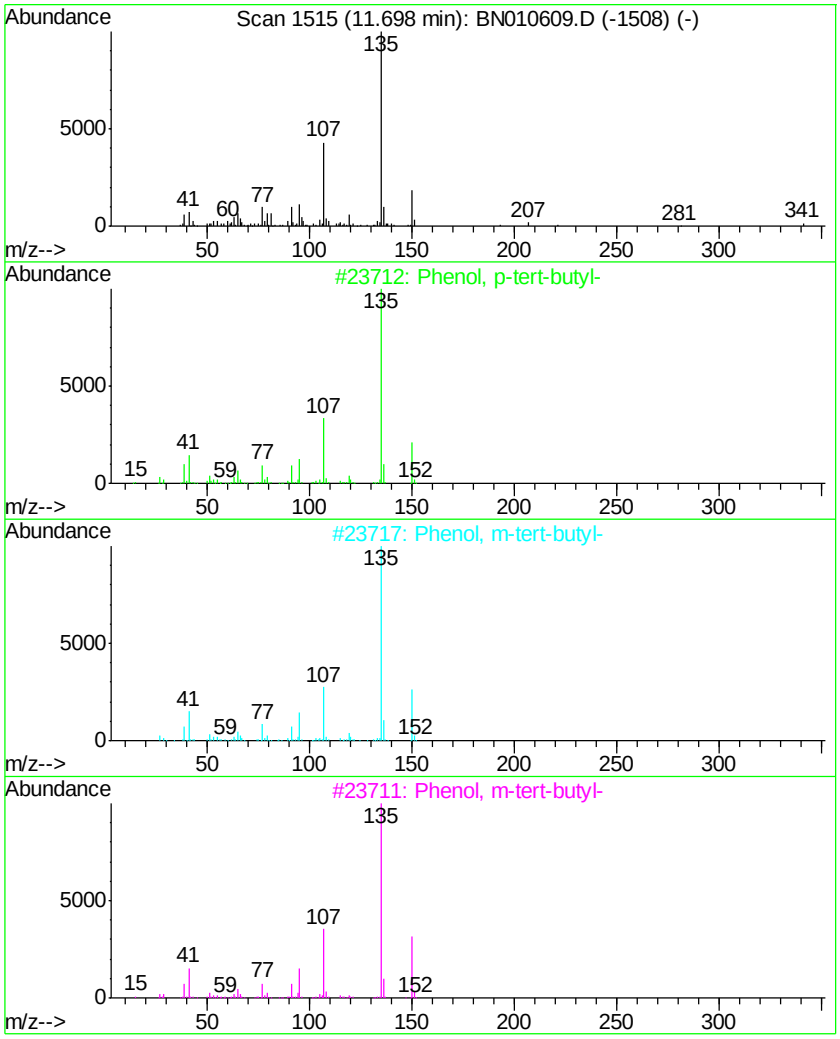
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

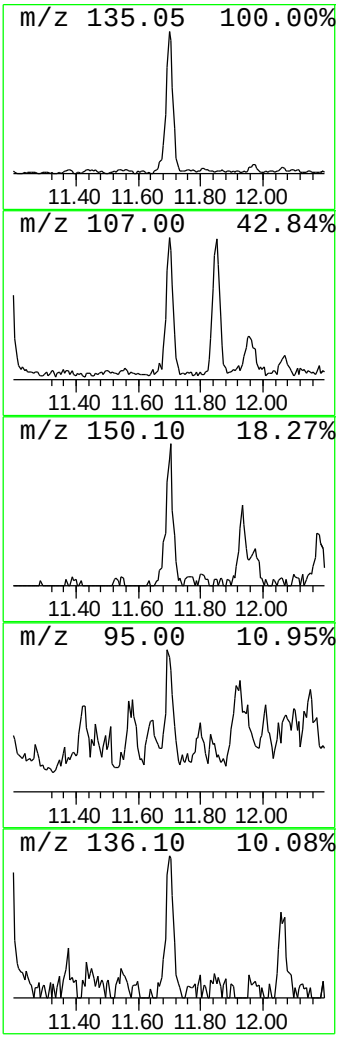
****

Peak Number 16 Phenol, p-tert-butyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.13 ng/ul	284799	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	74





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ClientSampleId : CB620

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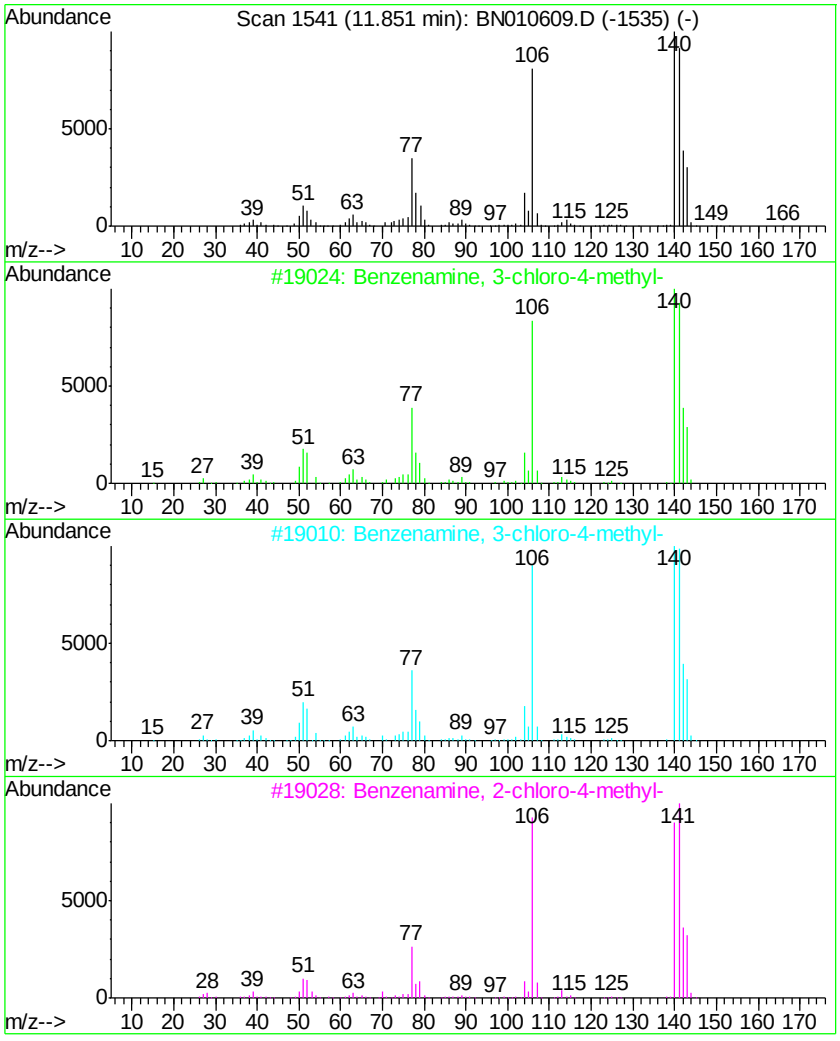
Quant Title : SVOA CALIBRATION

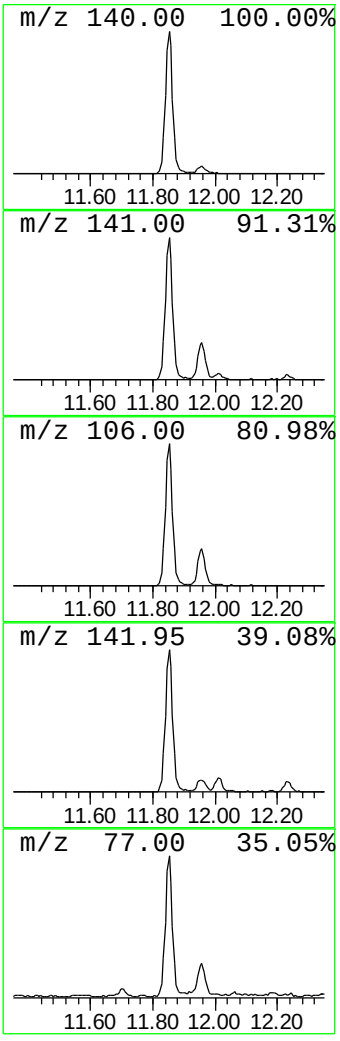
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzenamine, 3-chloro-4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	19.72 ng/ul	2635320	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	95
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	95
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	91
4	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	81
5	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	81





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Acq On : 28 Apr 2020 00:46
Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

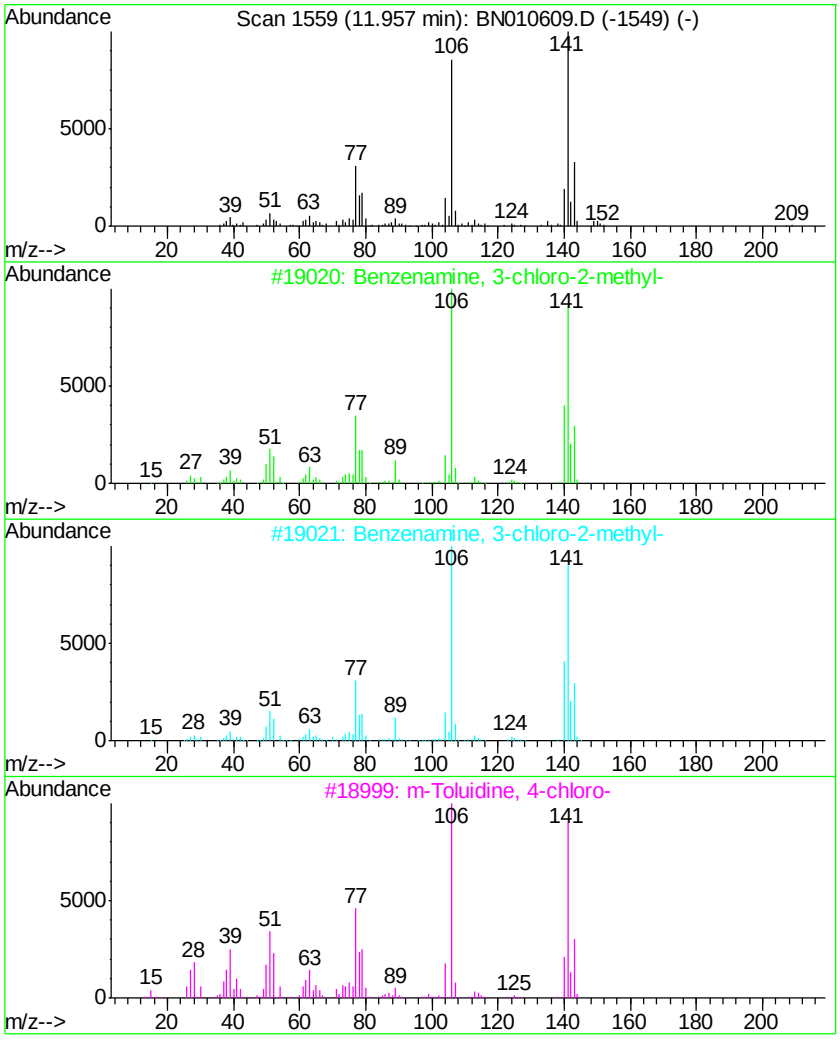
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

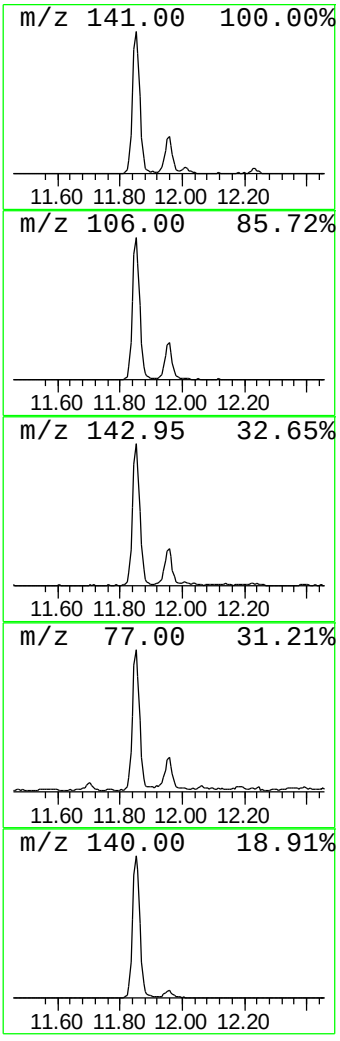
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzenamine, 3-chloro-2-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.94 ng/ul	659626	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
2	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
3	m-Toluidine, 4-chloro-	141	C7H8ClN	007149-75-9	91
4	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	87
5	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	87





Library Search Compound Report

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Misc :
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ClientSampleId : CB620

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Quant Title : SVOA CALIBRATION

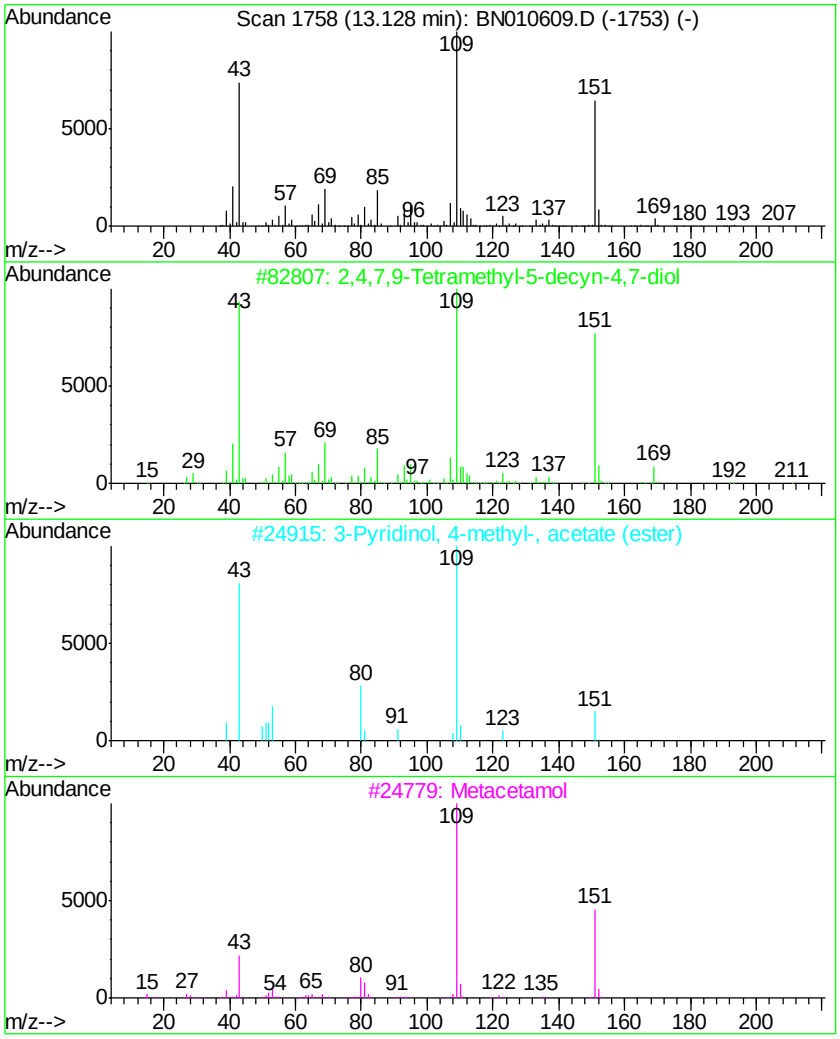
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

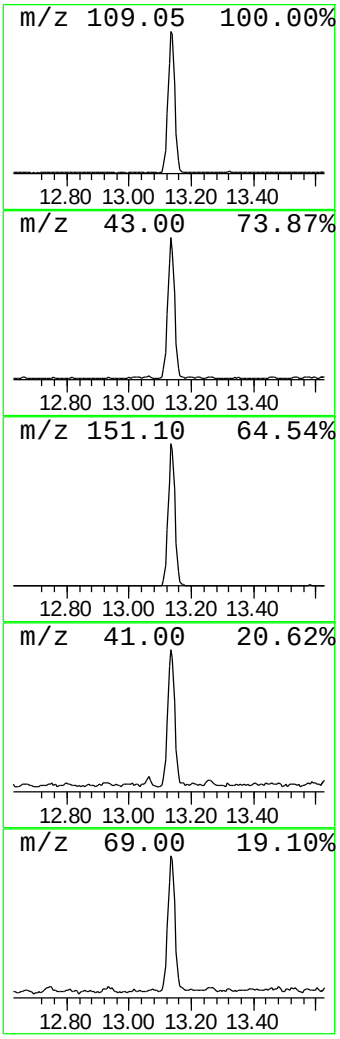
****

Peak Number 19 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	19.64 ng/ul	3828270	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	52
3	Metacetamol	151	C8H9NO2	000621-42-1	52
4	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	43
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	38





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Sample : L2418-11
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Instrument : BNA_N
ClientSampleId : CB620

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Quant Title : SVOA CALIBRATION

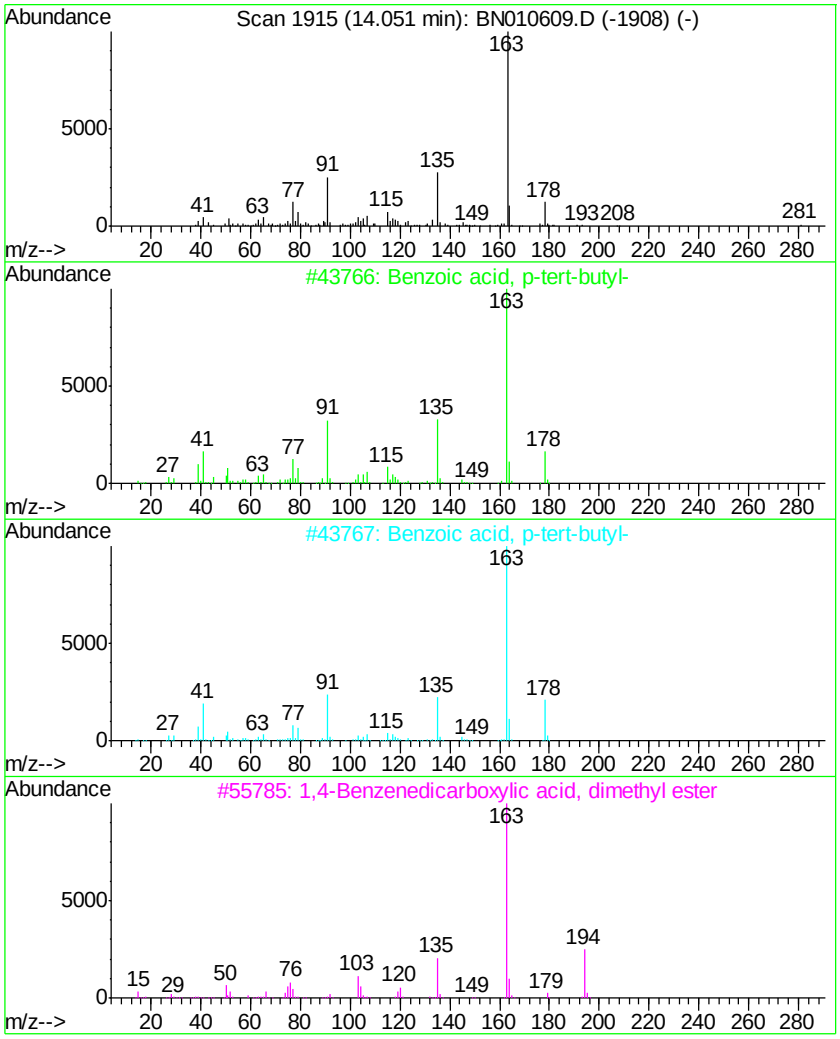
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

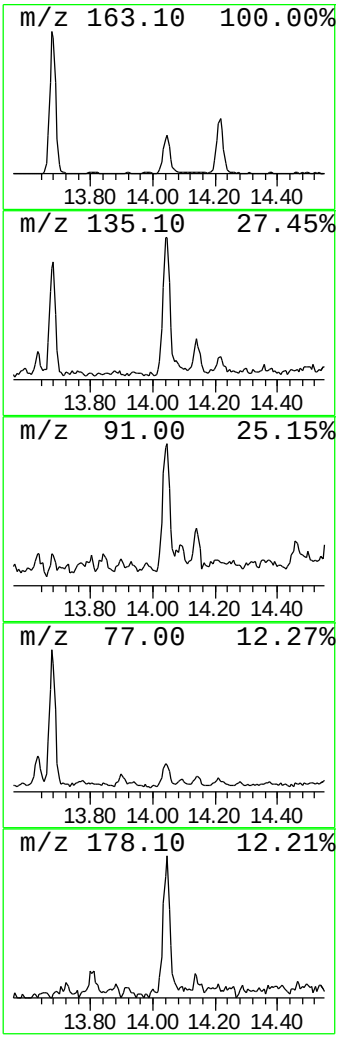
****

Peak Number 20 Benzoic acid, p-tert-butyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.62 ng/ul	510580	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	80
3	1,4-Benzenedicarboxylic acid, di...	194	C10H10O4	000120-61-6	59
4	Phenol, 2,5-bis(1-methylethyl)-	178	C12H18O	035946-91-9	58
5	Phthalic acid, methyl non-5-yn-3...	302	C18H22O4	1000315-74-7	53





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Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

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Quant Title : SVOA CALIBRATION

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

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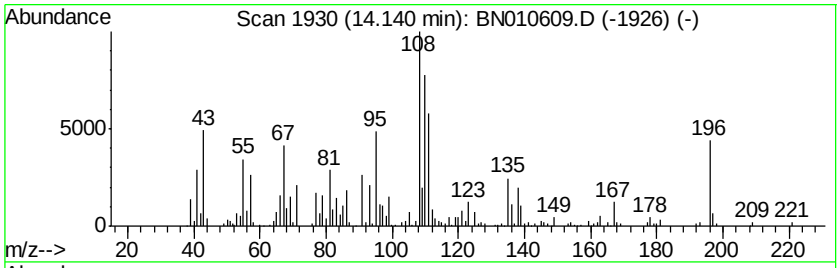
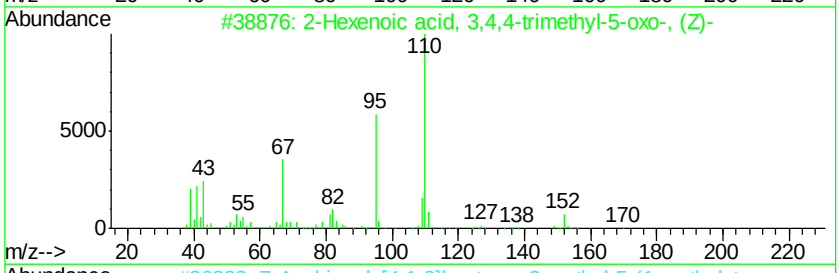
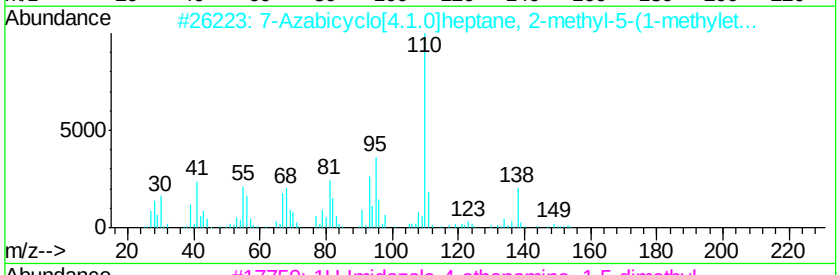
Peak Number 21 unknown-03 Concentration Rank 29

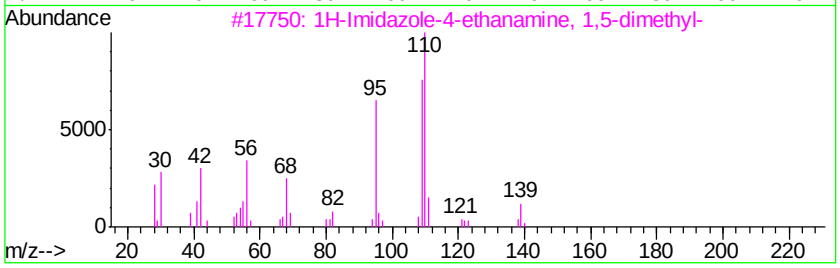
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.02 ng/ul	393420	Acenaphthene-d10	14.21

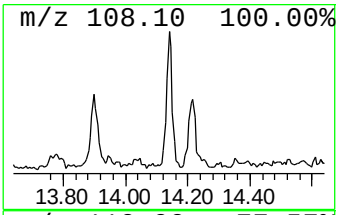
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenoic acid, 3,4,4-trimethyl...	170	C9H14O3	014919-56-3	25
2	7-Azabicyclo[4.1.0]heptane, 2-me...	153	C10H19N	055854-39-2	22
3	1H-Imidazole-4-ethanamine, 1,5-d...	139	C7H13N3	053966-45-3	22
4	Carvenone	152	C10H16O	000499-74-1	16
5	2(4H)-Benzofuranone, 5,6,7,7a-te...	180	C11H16O2	017092-92-1	14

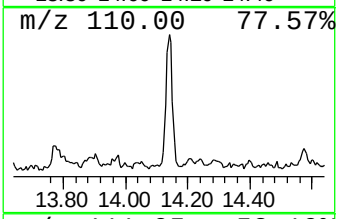


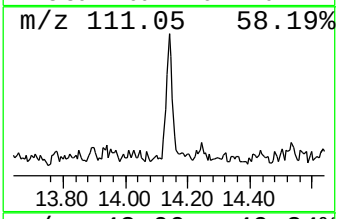


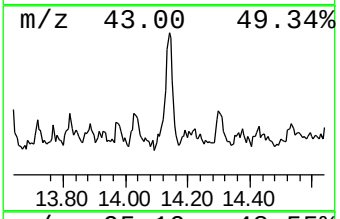


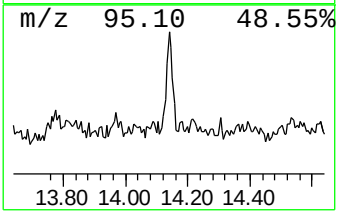












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Acq On : 28 Apr 2020 00:46
Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

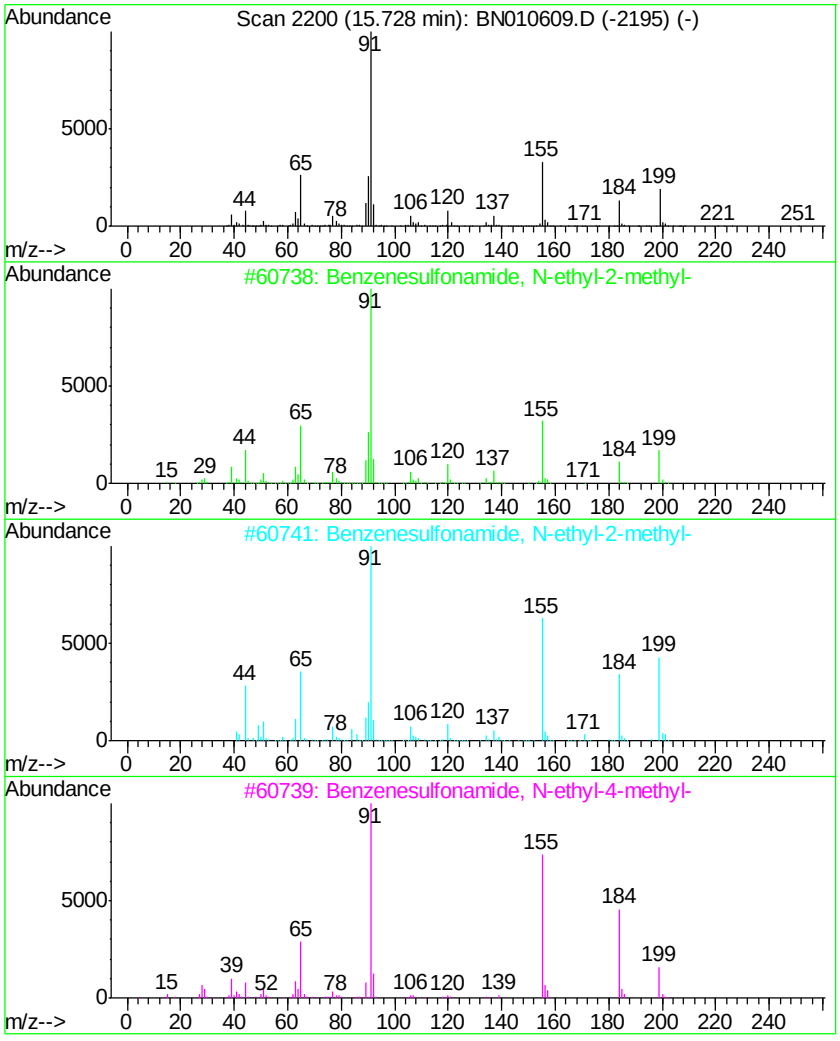
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

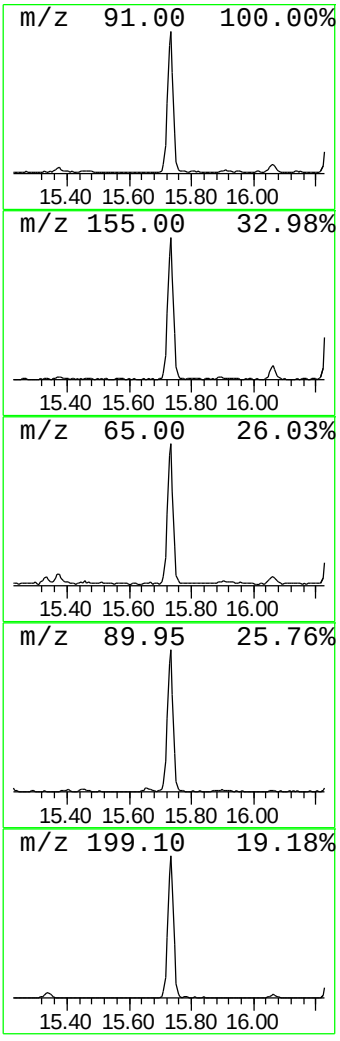
****

Peak Number 22 Benzenesulfonamide, N-ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	8.82 ng/ul	2196780	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	95
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	52
3	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	49
4	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	47
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47





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Acq On : 28 Apr 2020 00:46
Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

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Quant Title : SVOA CALIBRATION

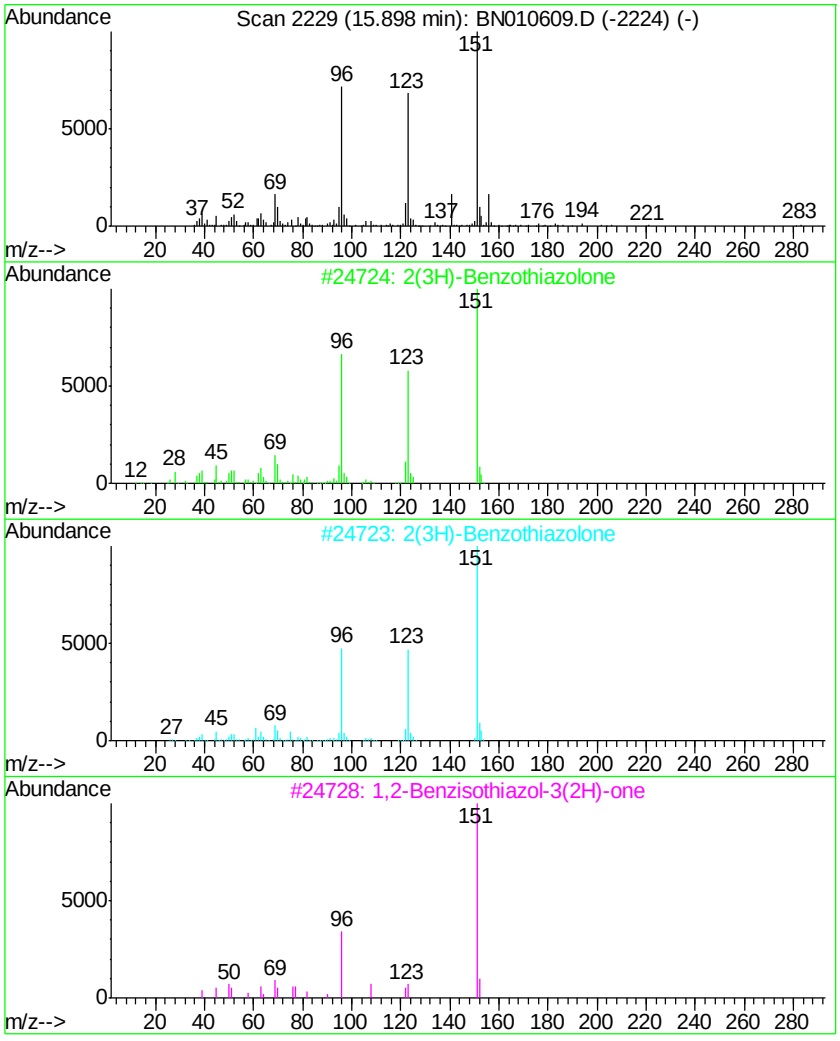
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

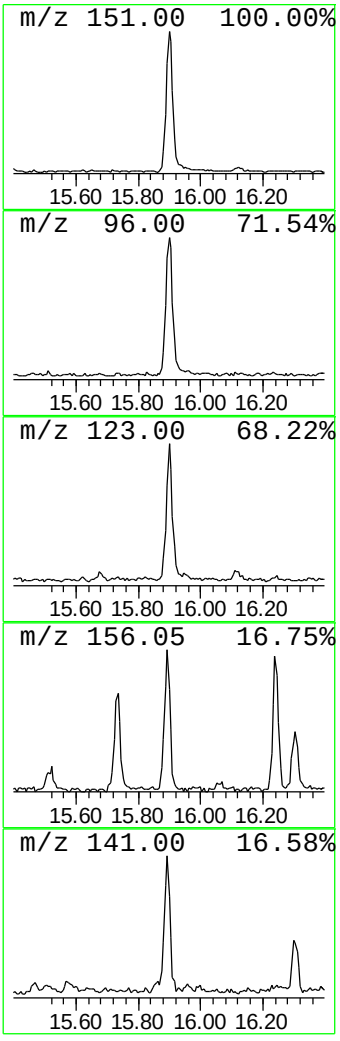
****

Peak Number 23 2(3H)-Benzothiazolone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.65 ng/ul	659098	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	90
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	87
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	50
4	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	47
5	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	38





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Misc :
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Quant Title : SVOA CALIBRATION

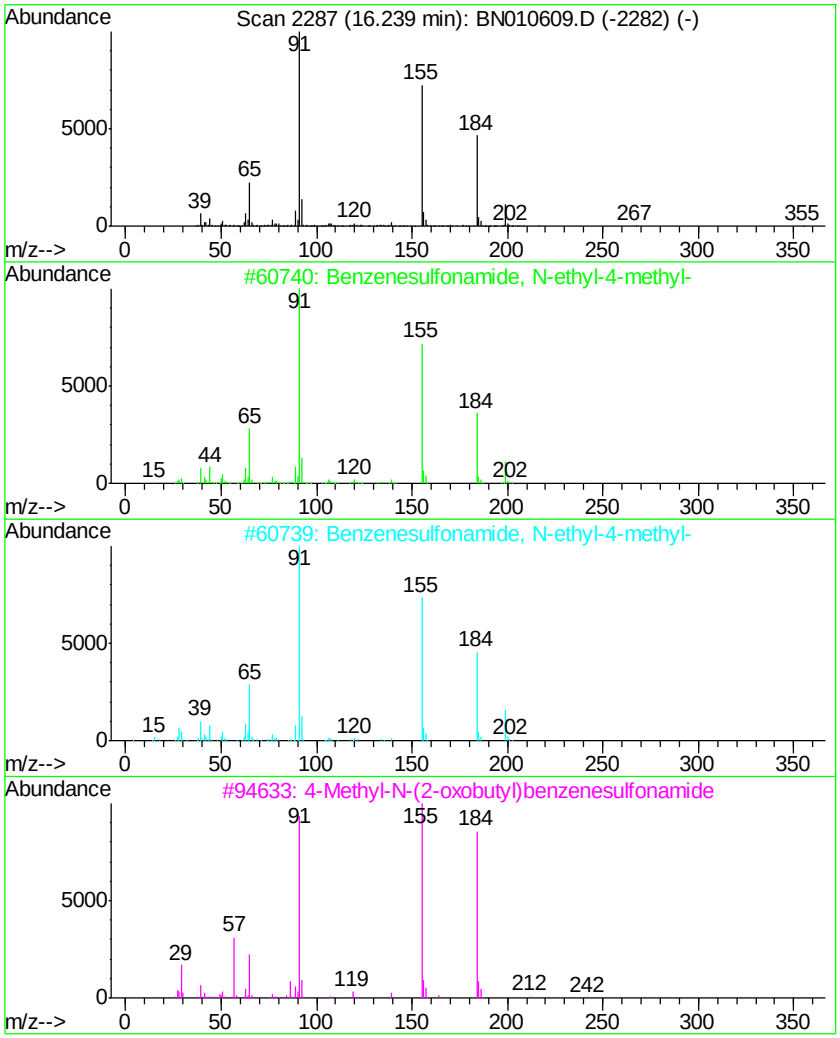
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

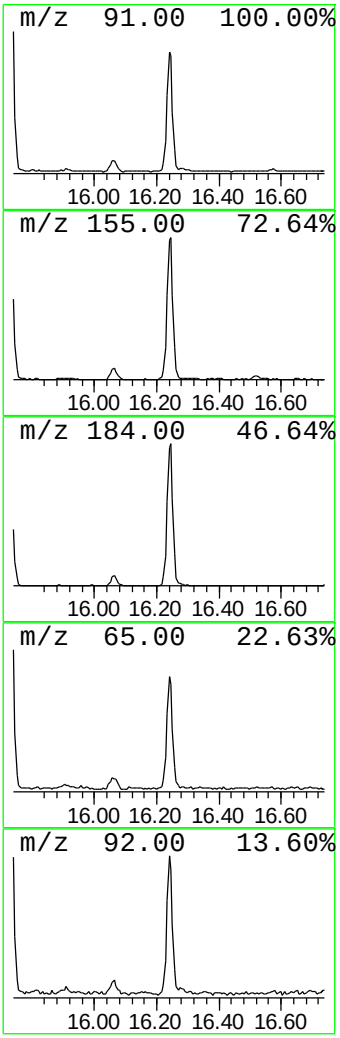
****

Peak Number 24 Benzenesulfonamide, N-ethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	6.09 ng/ul	1517020	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
3	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	86
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	78
5	(Toluene-4-sulfonylamino)-acetic...	283	C13H17NO4S	1000190-48-0	59





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Quant Title : SVOA CALIBRATION

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

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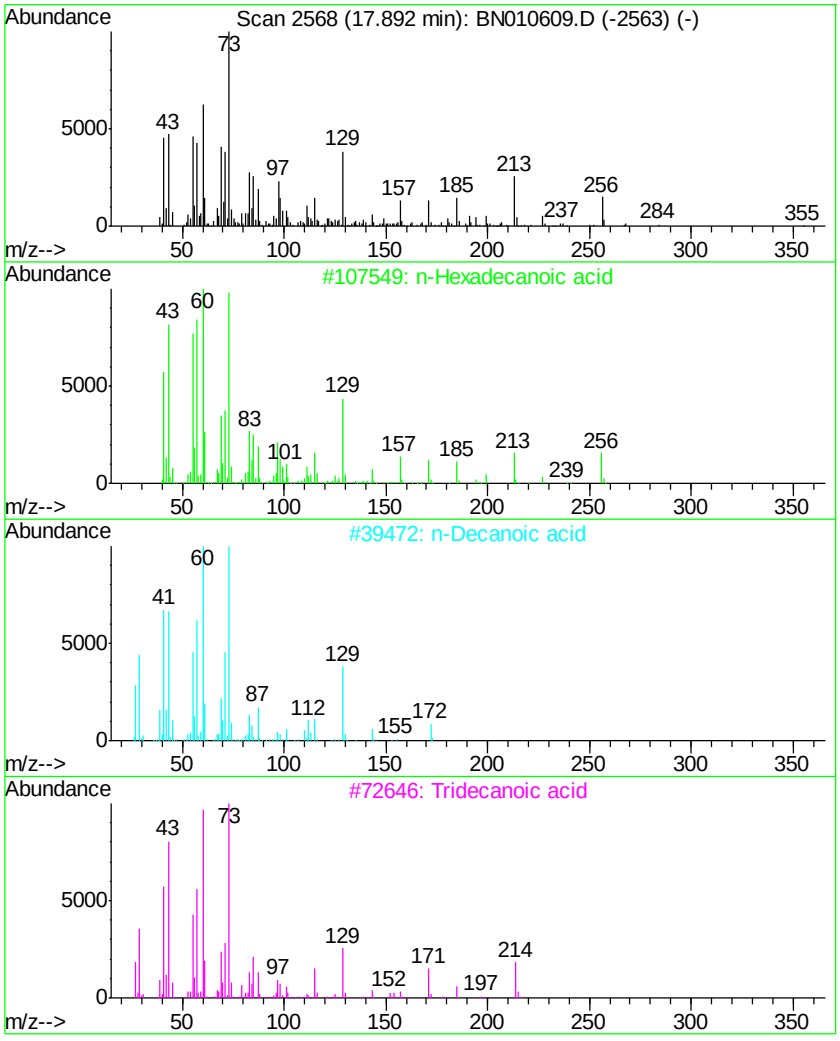
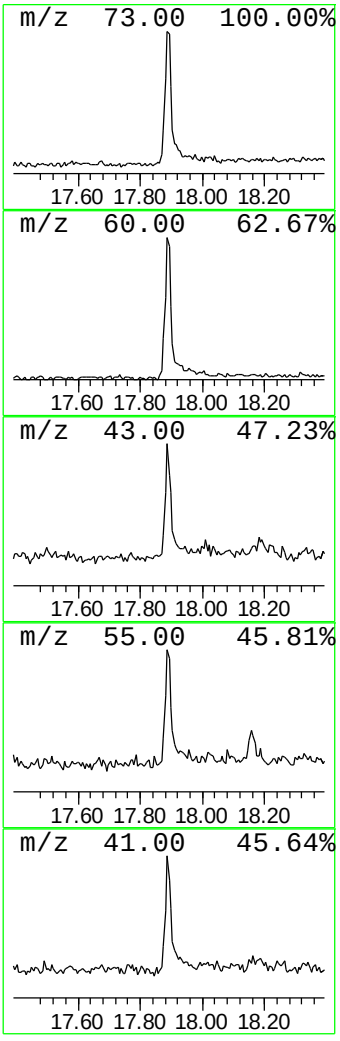
Peak Number 25 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.80 ng/ul	697520	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5	Lactose	342	C12H22O11	000063-42-3	47





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Quant Title : SVOA CALIBRATION

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

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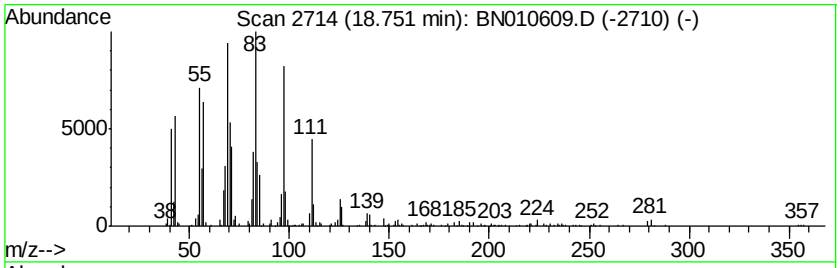
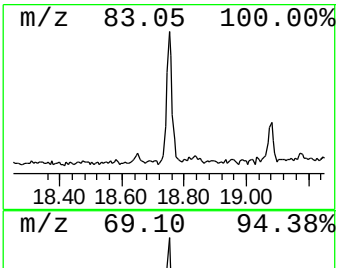
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.32 ng/ul	577874	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	96
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Cyclotetradecane	196	C14H28	000295-17-0	83
5	Cycloeicosane	280	C20H40	000296-56-0	81





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Quant Title : SVOA CALIBRATION

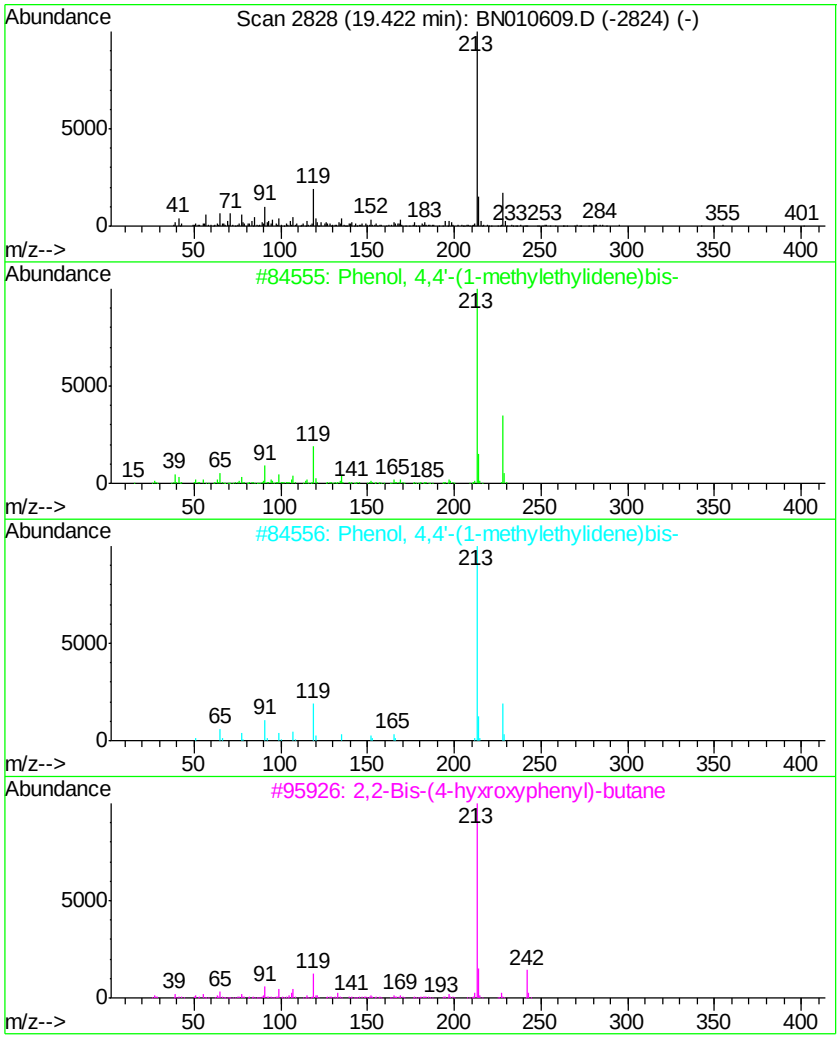
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

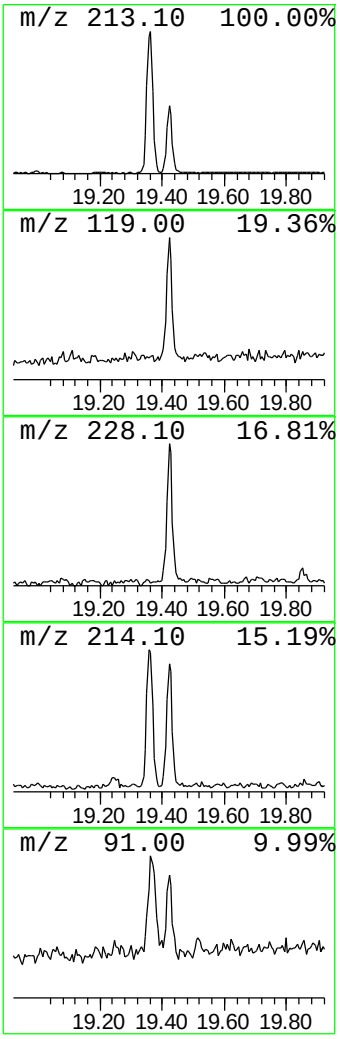
****

Peak Number 27 Phenol, 4,4'-(1-methylethyl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.09 ng/ul	619107	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	91
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	55
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
Data File : BN010609.D
Acq On : 28 Apr 2020 00:46
Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

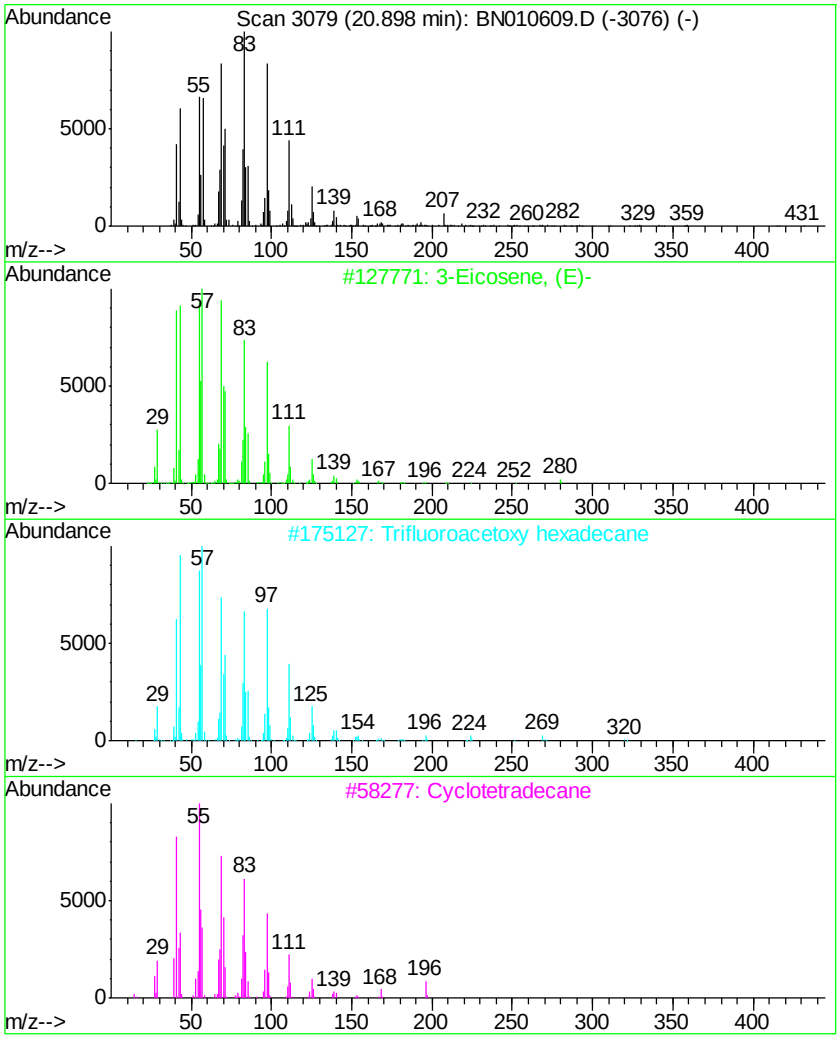
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

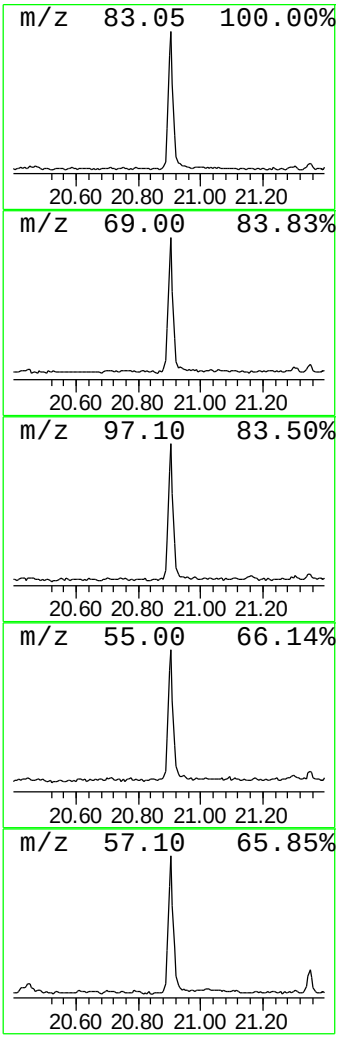
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.52 ng/ul	1930260	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
3	Cyclotetradecane	196	C14H28	000295-17-0	89
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
Data File : BN010609.D
Acq On : 28 Apr 2020 00:46
Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

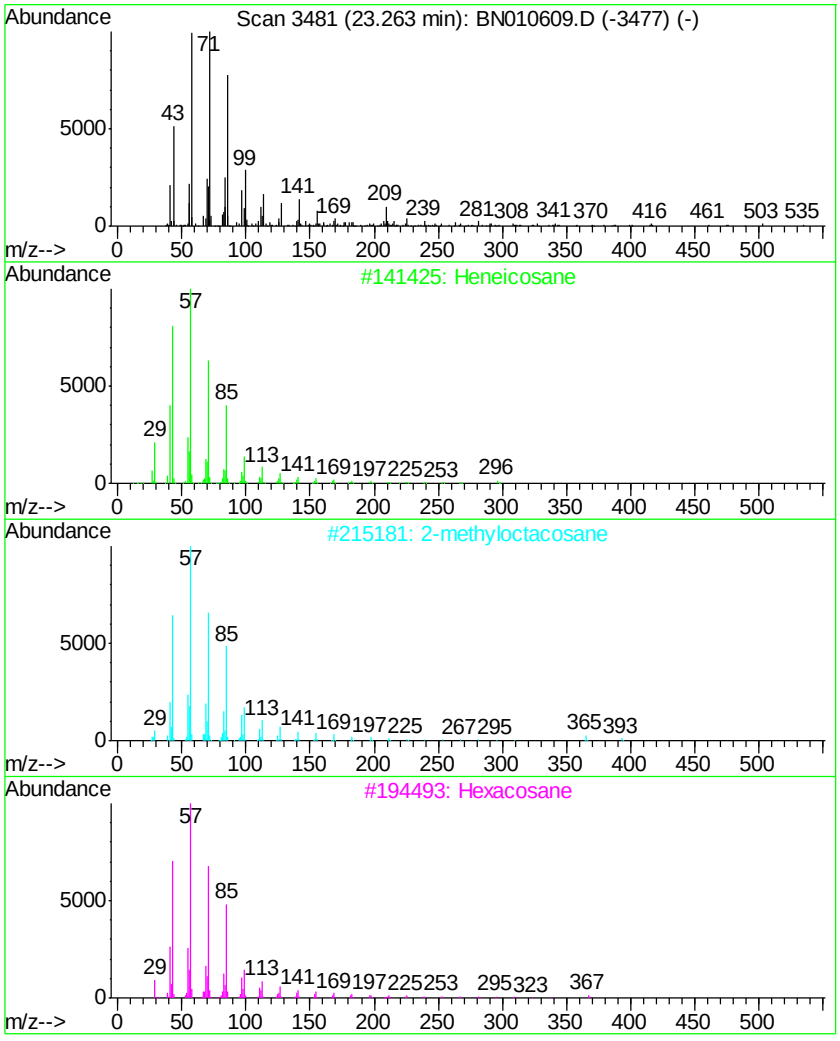
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

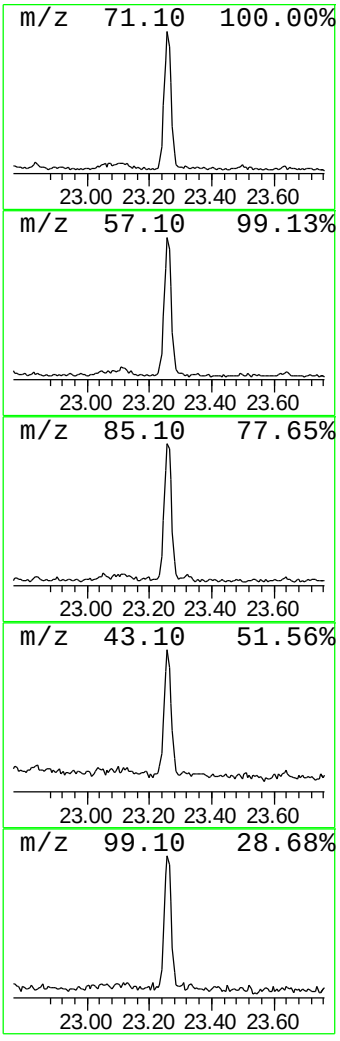
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.24 ng/ul	612615	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
Data File : BN010609.D
Acq On : 28 Apr 2020 00:46
Operator : CG/JU
Sample : L2418-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.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
(DEL) Alkane: Cyc...	2.89	3.8	ng/ul	329621	1	7.59	1748420	20.0
Butane, 2-methoxy...	2.96	3.6	ng/ul	314671	1	7.59	1748420	20.0
Acetaldehyde, tet...	3.97	2.4	ng/ul	209444	1	7.59	1748420	20.0
1,3-Oxathiolane	4.32	3.4	ng/ul	298060	1	7.59	1748420	20.0
Ethanol, 2-(2-eth...	7.21	4.5	ng/ul	395178	1	7.59	1748420	20.0
Tetramethylbutane...	7.66	2.2	ng/ul	195472	1	7.59	1748420	20.0
Benzene, 1-methyl...	7.73	3.3	ng/ul	291074	1	7.59	1748420	20.0
Benzenamine, 3-me...	8.56	96.7	ng/ul	8455100	1	7.59	1748420	20.0
Bicyclo[2.2.1]hep...	8.82	5.2	ng/ul	458245	1	7.59	1748420	20.0
unknown-01	9.20	4.9	ng/ul	657885	2	10.35	2672960	20.0
Cyclohexanemethan...	9.73	6.1	ng/ul	817156	2	10.35	2672960	20.0
(+)-2-Bornanone	9.77	5.3	ng/ul	715316	2	10.35	2672960	20.0
unknown-02	9.90	3.0	ng/ul	393765	2	10.35	2672960	20.0
(+)-Borneol	10.13	2.6	ng/ul	343232	2	10.35	2672960	20.0
Phenol, 4-propyl-	11.18	4.0	ng/ul	529969	2	10.35	2672960	20.0
Phenol, p-tert-bu...	11.70	2.1	ng/ul	284799	2	10.35	2672960	20.0
Benzenamine, 3-ch...	11.85	19.7	ng/ul	2635320	2	10.35	2672960	20.0
Benzenamine, 3-ch...	11.96	4.9	ng/ul	659626	2	10.35	2672960	20.0
2,4,7,9-Tetrameth...	13.13	19.6	ng/ul	3828270	3	14.21	3899140	20.0
Benzoic acid, p-t...	14.05	2.6	ng/ul	510580	3	14.21	3899140	20.0
unknown-03	14.14	2.0	ng/ul	393420	3	14.21	3899140	20.0
Benzenesulfonamid...	15.73	8.8	ng/ul	2196780	4	16.96	4981280	20.0
2(3H)-Benzothiazo...	15.90	2.6	ng/ul	659098	4	16.96	4981280	20.0
Benzenesulfonamid...	16.24	6.1	ng/ul	1517020	4	16.96	4981280	20.0
n-Hexadecanoic acid	17.89	2.8	ng/ul	697520	4	16.96	4981280	20.0
(DEL) Alkane: Str...	18.75	2.3	ng/ul	577874	4	16.96	4981280	20.0
Phenol, 4,4'-(1-m...	19.42	2.1	ng/ul	619107	5	21.16	5925430	20.0
(DEL) Alkane: Str...	20.90	6.5	ng/ul	1930260	5	21.16	5925430	20.0
(DEL) Alkane: Str...	23.26	2.2	ng/ul	612615	6	23.33	5464310	20.0