LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005215.D
Acq On : 23 Apr 2019 15:29
Operator : JU/SJ
Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

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-BN041919MA.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	3.216	35	39	49	rVB	133085	163367	1.68%	0.130%
2	4.258	212	216	221	rVB	80871	101525	1.04%	0.081%
3	5.081	352	356	364	rVB	55826	77611	0.80%	0.062%
4	5.687	452	459	462	rBV2	308187	481484	4.95%	0.382%
5	5.722	462	465	474	rVV	506938	679020	6.98%	0.538%
6	5.846	482	486	494	rVB3	26234	49052	0.50%	0.039%
7	6.275	552	559	566	rBV2	106187	178410	1.83%	0.141%
8	6.616	606	617	623	rBV2	88554	184647	1.90%	0.146%
9	6.775	631	644	655	rBV3	734983	1583056	16.28%	1.255%
10	6.946	663	673	686	rBV	1949910	3009464	30.94%	2.387%
11	7.134	697	705	713	rBV	2178738	3408513	35.05%	2.703%
12	7.299	729	733	738	rBV3	32334	45465	0.47%	0.036%
13	7.387	743	748	753	rBV	56239	88808	0.91%	0.070%
14	7.599	776	784	790	rBV	1592215	2470648	25.40%	1.959%
15	7.669	790	796	804	rVV	301123	479909	4.93%	0.381%
16	7.752	804	810	817	rVV2	48875	89250	0.92%	0.071%
17	7.834	817	824	832	rVV	425795	726904	7.47%	0.576%
18	7.904	833	836	840	rVV2	33417	48691	0.50%	0.039%
19	8.122	863	873	876	rBV5	21794	45497	0.47%	0.036%
20	8.163	876	880	883	rVV3	44265	71089	0.73%	0.056%
21	8.210	883	888	896	rVV2	76387	152997	1.57%	0.121%
22	8.293	896	902	913	rVV	1741473	2916765	29.99%	2.313%
23	8.404	913	921	927	rVV2	199820	480279	4.94%	0.381%
24	8.681	961	968	972	rVV	646886	1042852	10.72%	0.827%
25	8.740	972	978	989	rVV	2454492	4036888	41.51%	3.201%
26	8.840	989	995	1002	rVV2	146773	301356	3.10%	0.239%
27	8.910	1002	1007	1015	rVV	587290	901368	9.27%	0.715%
28	9.122	1039	1043	1052	rVB	29848	54761	0.56%	0.043%
29	9.310	1066	1075	1083	rVB	475808	727753	7.48%	0.577%
30	9.451	1091	1099	1105	rBV	1999339	3237335	33.29%	2.567%
31	9.510	1105	1109	1114	rVV	219931	351671	3.62%	0.279%
32	9.575	1114	1120	1123	rVV	210064	389400	4.00%	0.309%
33	9.634	1123	1130	1137	rVV2	742547	1789642	18.40%	1.419%
34	9.704	1137	1142	1145	rVV2	118160	214225	2.20%	0.170%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

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-BN041919MA.M
Title : SVOA CALIBRATION

35	9.740	1145	1148	1152	rVV	84379	133557	1.37%	0.106%
36	9.787	1152	1156	1161	rVV7	63893	110587	1.14%	0.088%
37	9.875	1161	1171	1179	rVV	961455	1819661	18.71%	1.443%
38	9.987	1183	1190	1199	rVB	2841421	4831009	49.67%	3.831%
39	10.151	1209	1218	1226	rBV2	136523	236239	2.43%	0.187%
40	10.228	1226	1231	1234	rVV4	23029	40935	0.42%	0.032%
41	10.281	1234	1240	1246	rVV	114827	208839	2.15%	0.166%
42	10.357	1246	1253	1259	rVV	2107635	3535878	36.36%	2.804%
43	10.422	1259	1264	1270	rVV5	155028	352274	3.62%	0.279%
44	10.657	1298	1304	1310	rBV2	105835	189751	1.95%	0.150%
45	10.716	1310	1314	1318	rBV2	22020	38607	0.40%	0.031%
46	10.910	1341	1347	1352	rBV	215083	316806	3.26%	0.251%
47	10.969	1352	1357	1360	rVV	96936	162498	1.67%	0.129%
48	10.998	1360	1362	1368	rVB	71902	94568	0.97%	0.075%
49	11.104	1375	1380	1382	rBV3	37519	64643	0.66%	0.051%
50	11.175	1382	1392	1401	rVV2	262587	672194	6.91%	0.533%
51	11.257	1402	1406	1410	rVV2	39169	71840	0.74%	0.057%
52	11.328	1412	1418	1427	rVV2	21159	68776	0.71%	0.055%
53	11.534	1448	1453	1458	rVV4	53935	104203	1.07%	0.083%
54	11.587	1458	1462	1473	rVB4	47848	104583	1.08%	0.083%
55	11.710	1480	1483	1490	rVB2	41816	70427	0.72%	0.056%
56	11.881	1505	1512	1518	rBV6	28834	65831	0.68%	0.052%
57	11.951	1518	1524	1533	rVB	59088	105855	1.09%	0.084%
58	12.222	1566	1570	1574	rBV	36881	50801	0.52%	0.040%
59	12.587	1626	1632	1644	rVV	443514	715738	7.36%	0.568%
60	12.675	1644	1647	1654	rVB	53049	80023	0.82%	0.063%
61	12.839	1670	1675	1684	rVV	770972	1088911	11.20%	0.864%
62	13.145	1720	1727	1738	rBV	1076910	1627820	16.74%	1.291%
63	13.328	1753	1758	1760	rBV5	23398	37576	0.39%	0.030%
64	13.475	1778	1783	1789	rVV3	49859	69546	0.72%	0.055%
65	13.569	1792	1799	1801	rBV4	26203	40372	0.42%	0.032%
66	13.651	1806	1813	1823	rVV	4973364	6821704	70.14%	5.410%
67	13.781	1830	1835	1844	rVB3	140746	208327	2.14%	0.165%
68	13.922	1847	1859	1866	rBV	5516512	8246117	84.79%	6.540%
69	14.092	1884	1888	1893	rBV2	66998	102984	1.06%	0.082%
70	14.234	1903	1912	1918	rBV2	2844403	4351686	44.74%	3.451%
71	14.428	1940	1945	1955	rBV	456626	723149	7.44%	0.573%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

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-BN041919MA.M
Title : SVOA CALIBRATION

72	14.704	1989	1992	2001	rVB2	35573	68504	0.70%	0.054%
73	14.834	2008	2014	2020	rBV4	48193	94203	0.97%	0.075%
74	14.986	2035	2040	2045	rVV2	40066	63483	0.65%	0.050%
75	15.075	2045	2055	2061	rVB2	343387	570152	5.86%	0.452%
76	15.233	2074	2082	2088	rBV	6438860	9474010	97.41%	7.513%
77	15.351	2094	2102	2107	rBV	1033796	1459672	15.01%	1.158%
78	15.392	2107	2109	2115	rVV2	60230	84354	0.87%	0.067%
79	15.469	2117	2122	2129	rVV	96378	146903	1.51%	0.117%
80	15.616	2141	2147	2151	rVB2	90331	147330	1.51%	0.117%
81	16.016	2211	2215	2222	rVB3	31315	48149	0.50%	0.038%
82	16.651	2318	2323	2332	rVB5	19573	45558	0.47%	0.036%
83	16.986	2373	2380	2386	rBV2	3210695	4593131	47.23%	3.643%
84	17.086	2390	2397	2408	rVB	6462673	9363354	96.27%	7.426%
85	17.292	2428	2432	2436	rVV	82161	105633	1.09%	0.084%
86	17.675	2492	2497	2509	rBV	2870082	3469692	35.67%	2.752%
87	17.910	2533	2537	2544	rBV8	39776	82490	0.85%	0.065%
88	17.975	2544	2548	2554	rVB	66911	93085	0.96%	0.074%
89	18.116	2568	2572	2576	rBV	119099	179648	1.85%	0.142%
90	19.027	2722	2727	2731	rBV	72625	106384	1.09%	0.084%
91	19.216	2755	2759	2766	rBV10	24601	49148	0.51%	0.039%
92	19.280	2766	2770	2775	rVV2	70050	97679	1.00%	0.077%
93	19.398	2782	2790	2802	rBV	7025603	9725878	100.00%	7.713%
94	21.216	3093	3099	3107	rBV	3283643	4169104	42.87%	3.306%
95	21.851	3204	3207	3211	rBV	72962	87522	0.90%	0.069%
96	22.810	3367	3370	3379	rVB2	183152	268097	2.76%	0.213%
97	23.280	3443	3450	3460	rBV	4608424	8580639	88.22%	6.805%
98	23.374	3462	3466	3468	rVV	219337	357545	3.68%	0.284%
99	23.415	3468	3473	3484	rVB2	2161175	4054814	41.69%	3.216%
100	24.004	3569	3573	3579	rVB2	198366	365278	3.76%	0.290%

Sum of corrected areas: 126095456

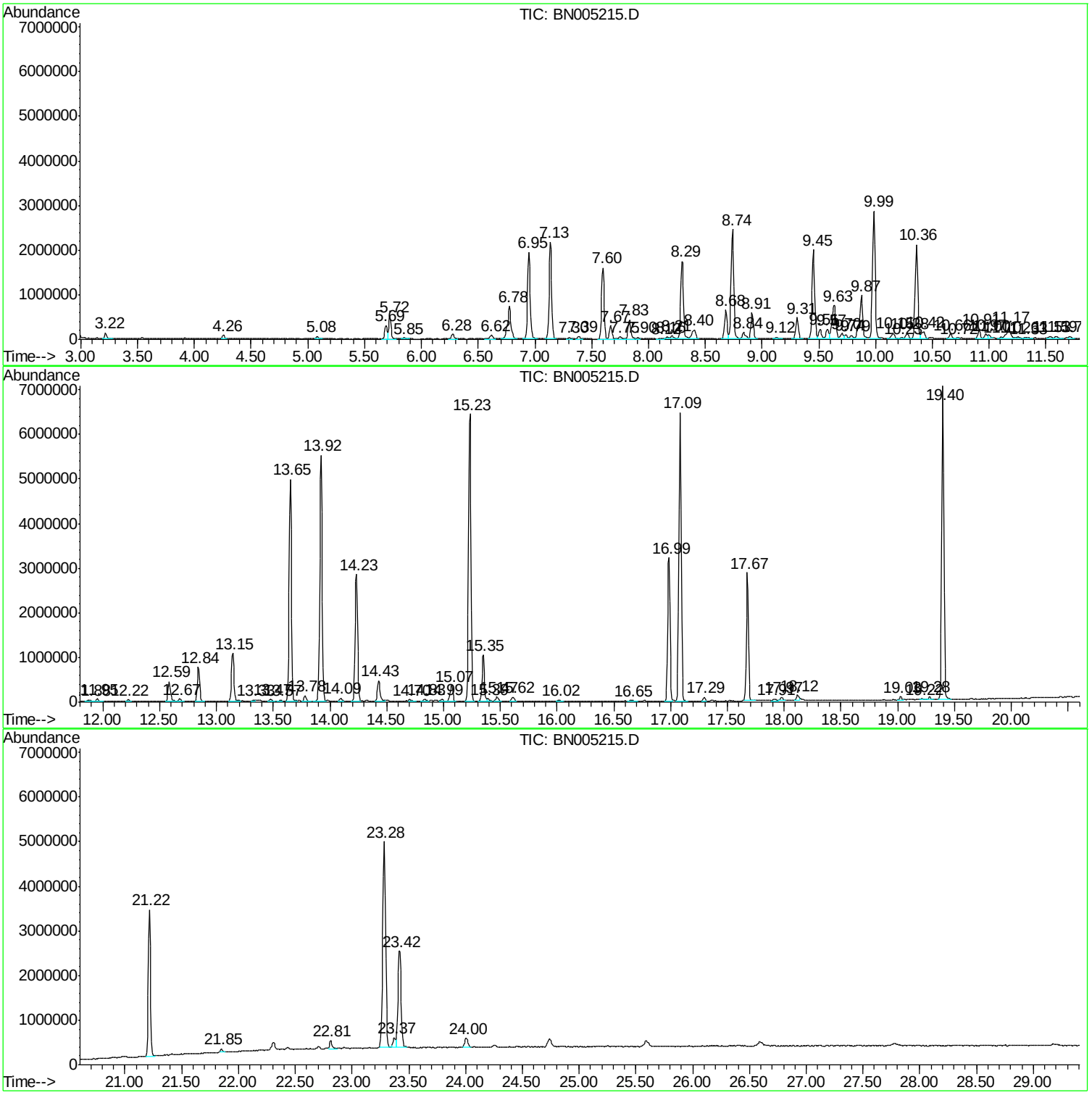
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005215.D
Acq On : 23 Apr 2019 15:29
Operator : JU/SJ
Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005215.D
Acq On : 23 Apr 2019 15:29
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

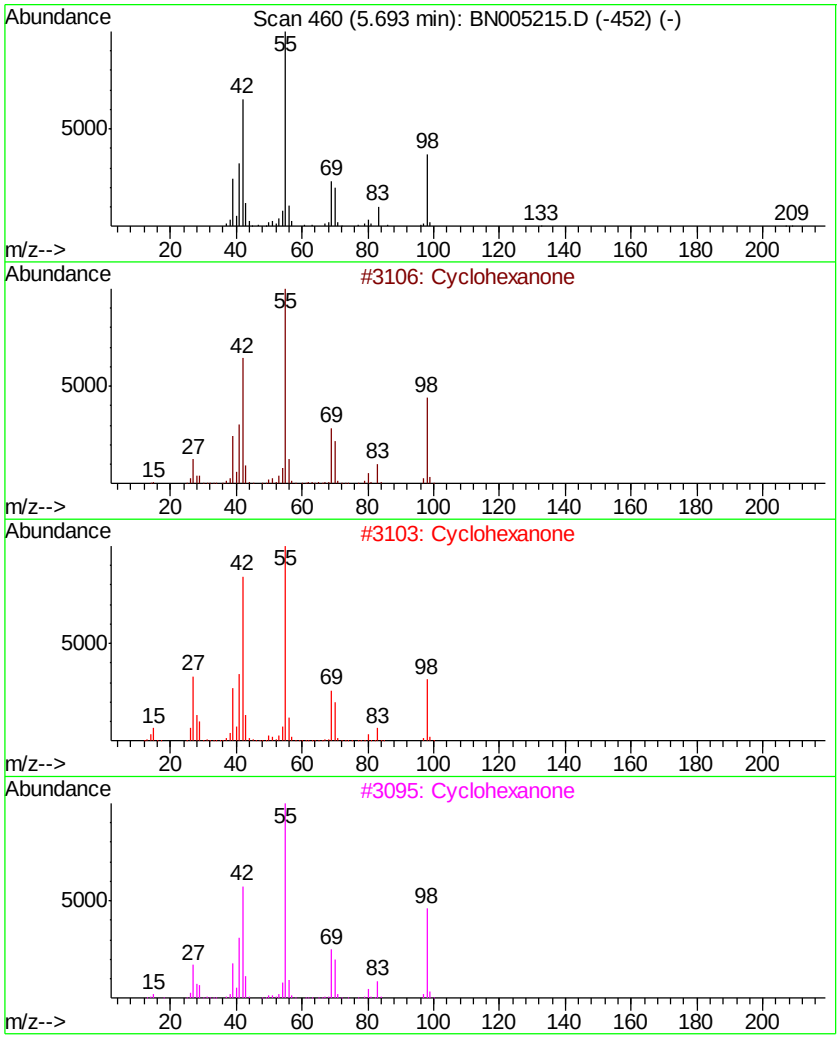
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

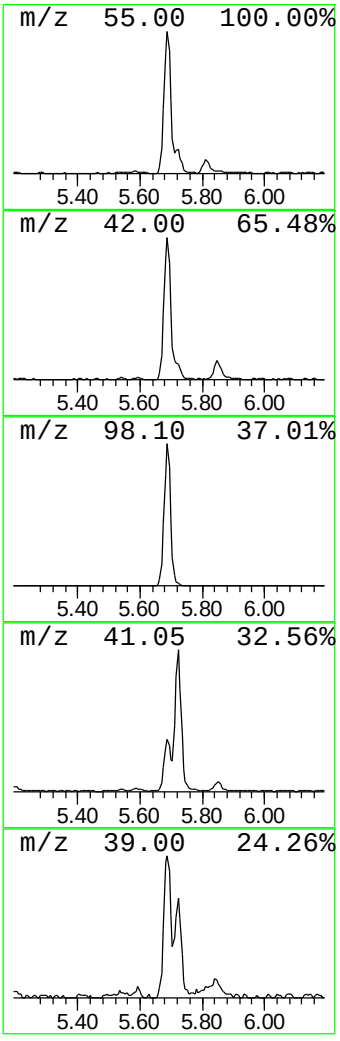
****

Peak Number 1 Cyclohexanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	3.90 ng/ul	481484	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	94
2	Cyclohexanone	98	C6H10O	000108-94-1	94
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	90
5	Cyclohexanone	98	C6H10O	000108-94-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005215.D
Acq On : 23 Apr 2019 15:29
Operator : JU/SJ
Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

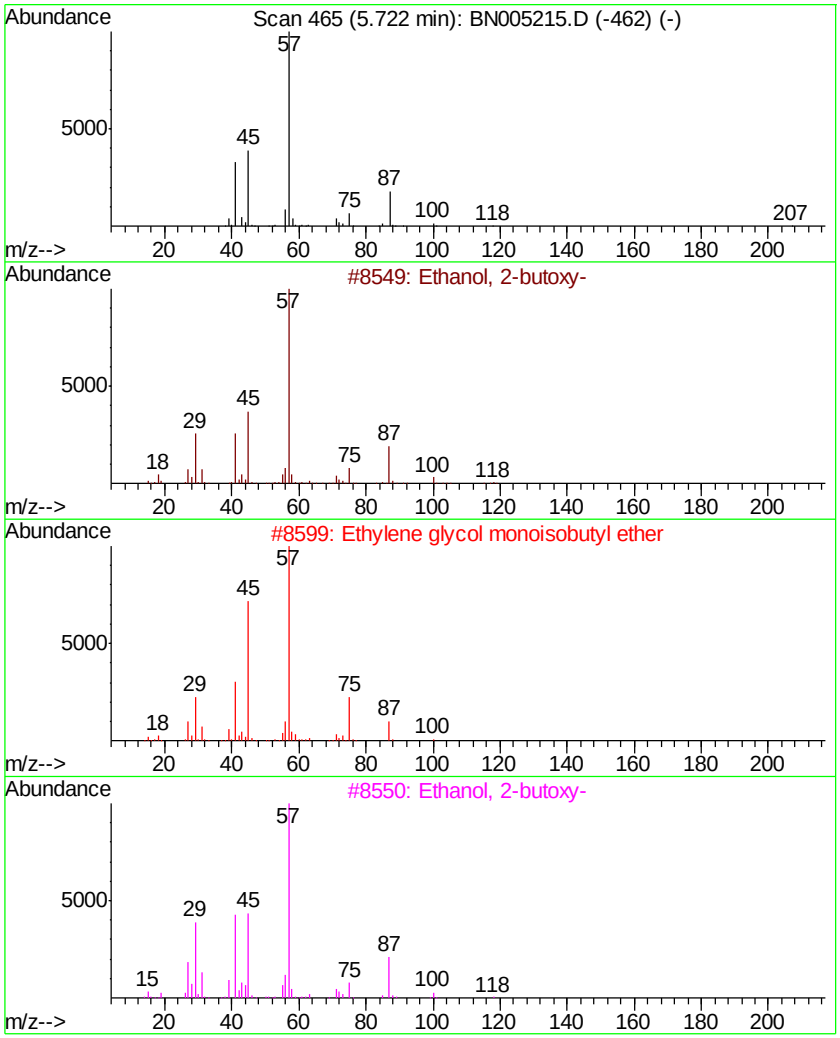
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

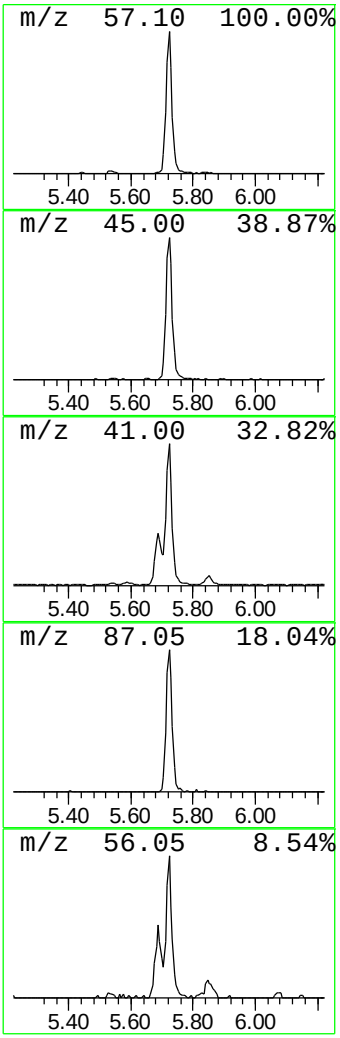
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	5.50 ng/ul	679020	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	49
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	32
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	28





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Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

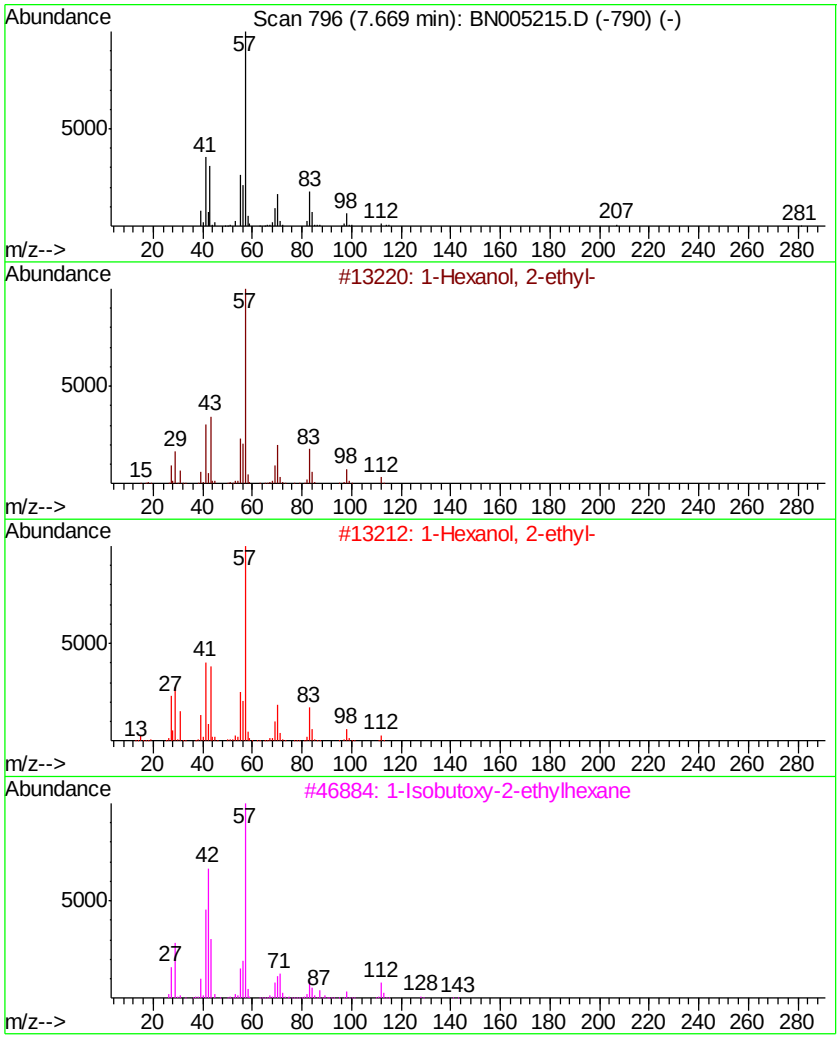
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

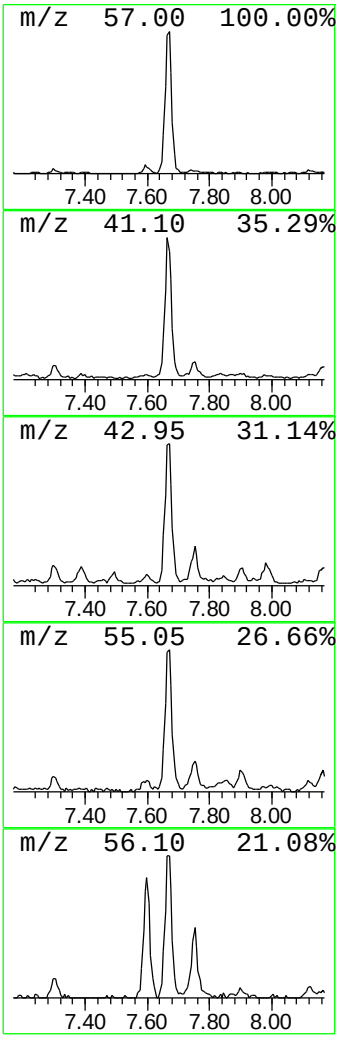
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	3.88 ng/ul	479909	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005215.D
Acq On : 23 Apr 2019 15:29
Operator : JU/SJ
Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

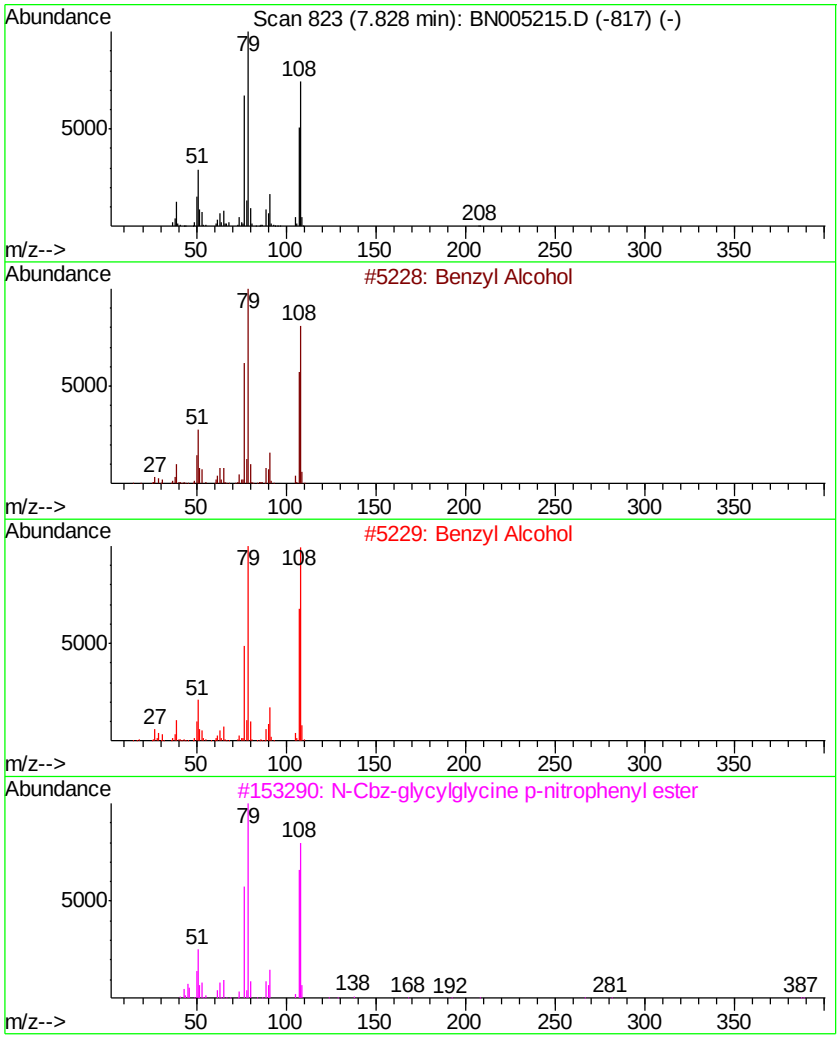
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

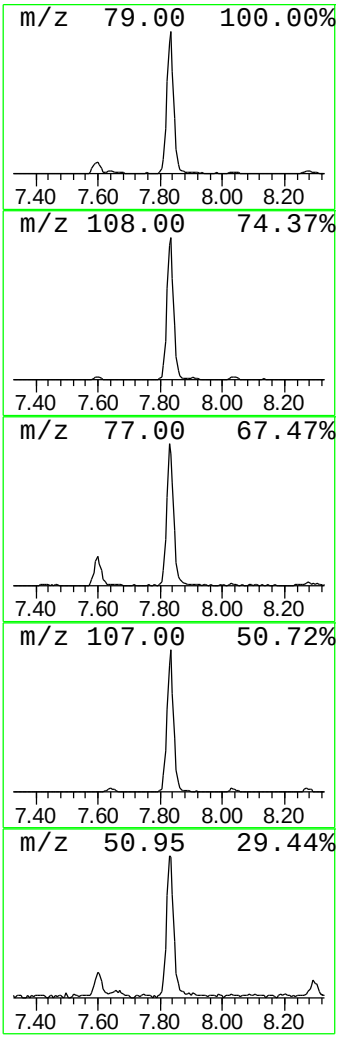
****

Peak Number 4 Benzyl Alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	5.88 ng/ul	726904	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl Alcohol	108	C7H8O	000100-51-6	98
2	Benzyl Alcohol	108	C7H8O	000100-51-6	96
3	N-Cbz-glycylglycine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	91
4	Benzyl Alcohol	108	C7H8O	000100-51-6	87
5	1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005215.D
Acq On : 23 Apr 2019 15:29
Operator : JU/SJ
Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

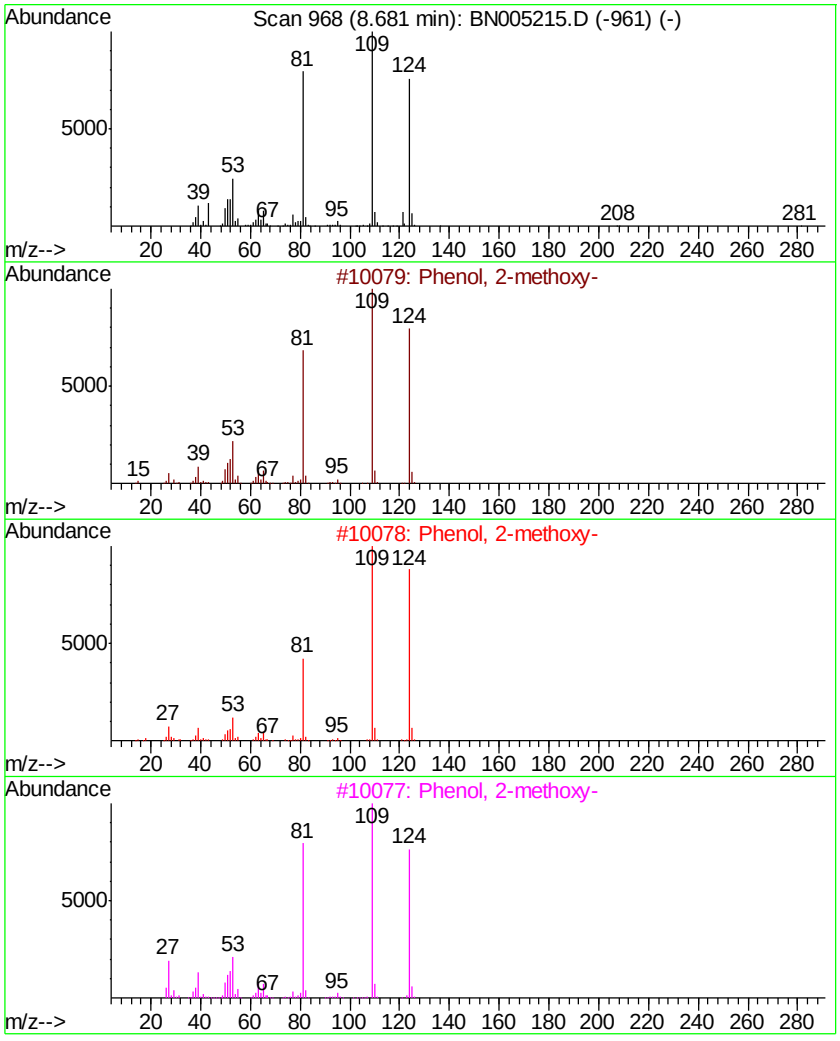
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

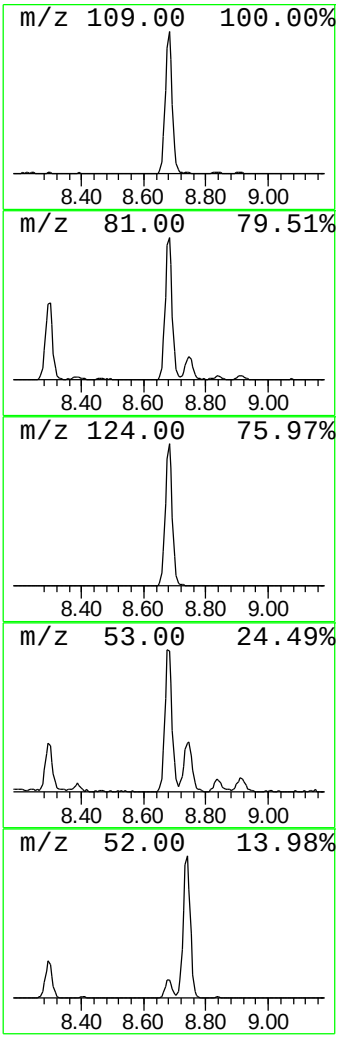
****

Peak Number 5 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	8.44 ng/ul	1042850	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87





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Sample : K2403-22
Misc :
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Instrument : BNA_N
ClientSampleId : A5133

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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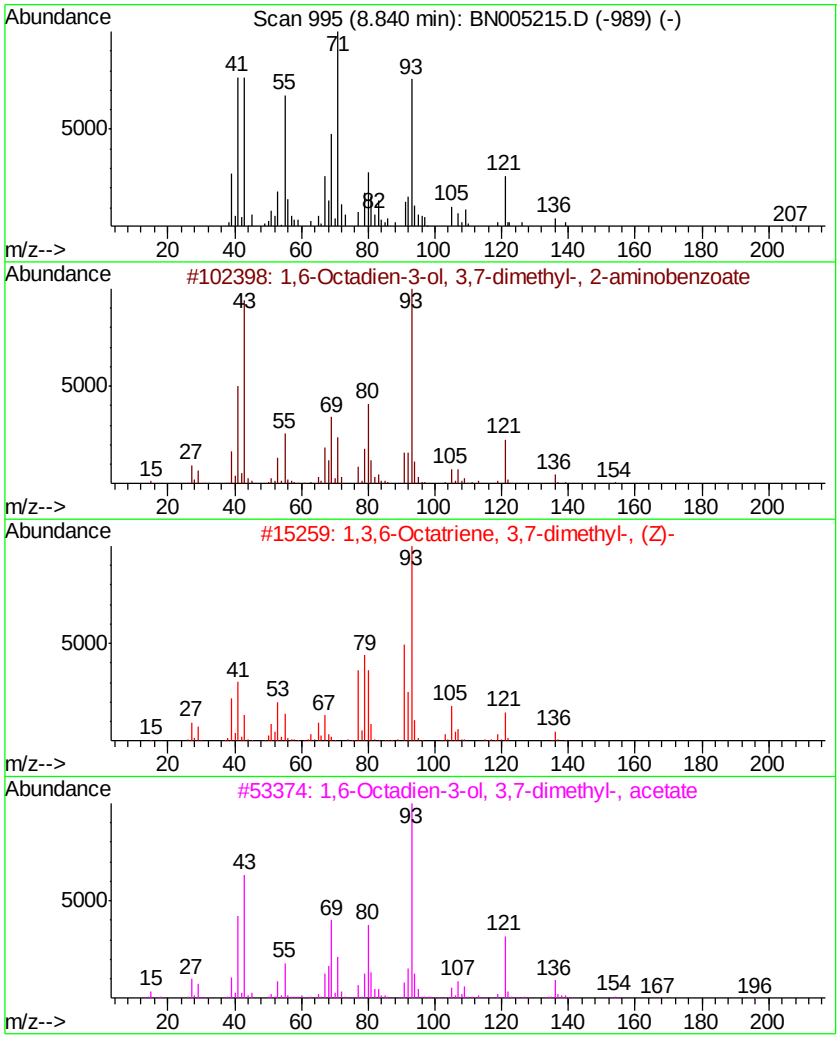
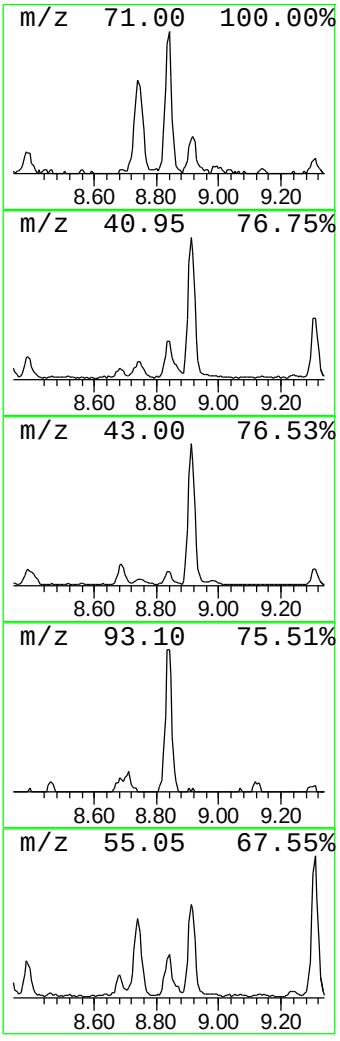
Peak Number 6 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.44 ng/ul	301356	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadien-3-ol, 3,7-dimethyl-...	273	C17H23NO2	007149-26-0	49
2	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	45
3	1,6-Octadien-3-ol, 3,7-dimethyl-...	196	C12H20O2	000115-95-7	43
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	43
5	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	43





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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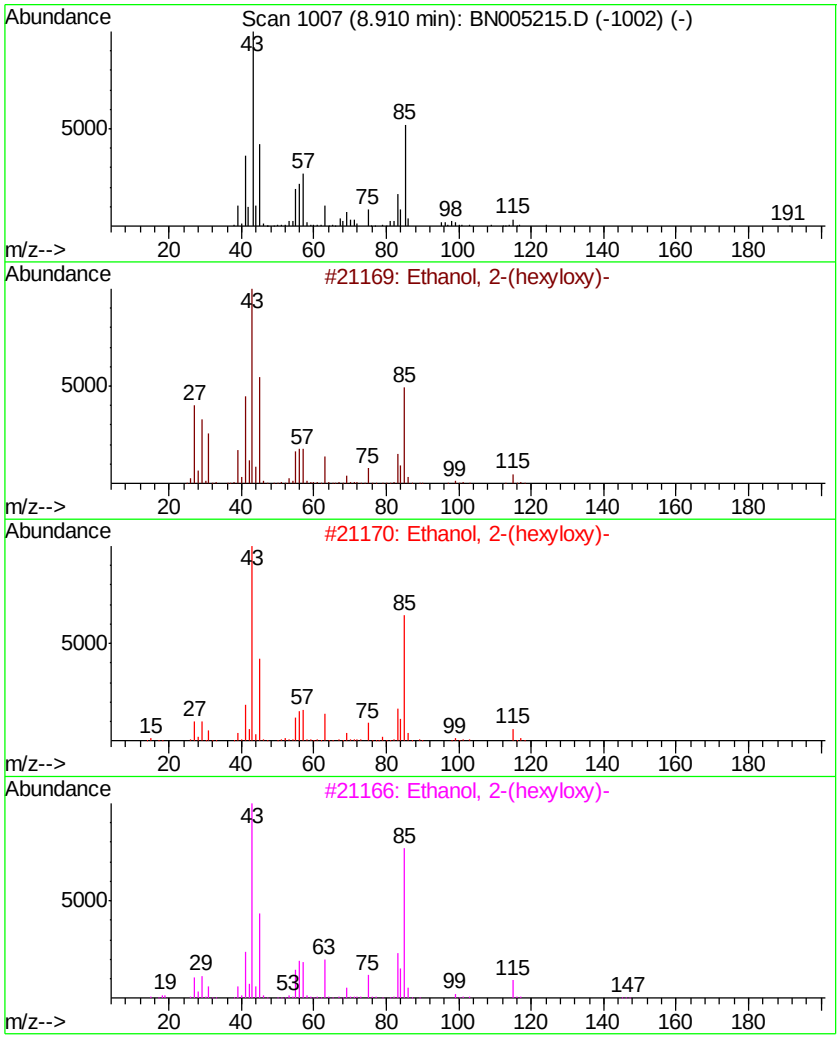
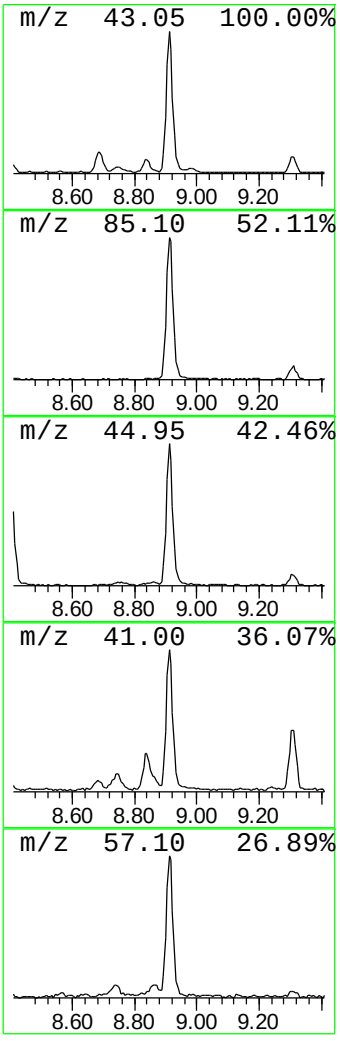
Peak Number 7 Ethanol, 2-(hexyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	7.30 ng/ul	901368	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	72
2	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	50
3	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	42
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	38
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	38





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Instrument : BNA_N
ClientSampleId : A5133

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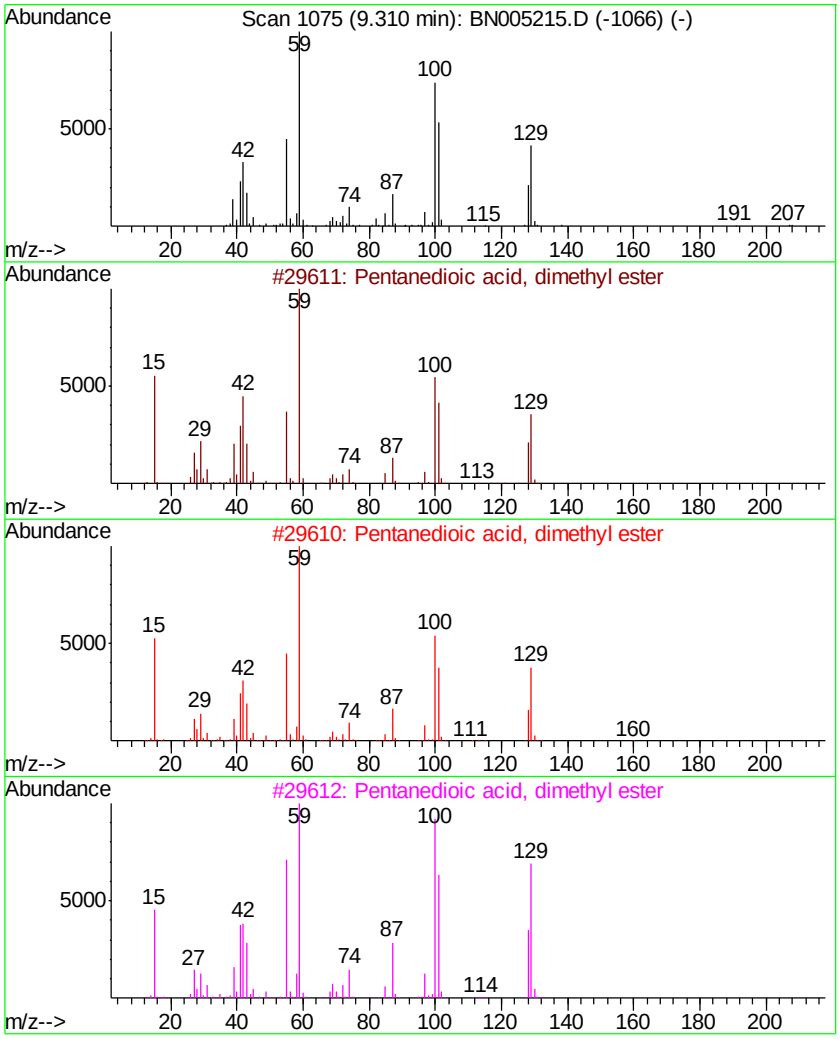
Quant Title : SVOA CALIBRATION

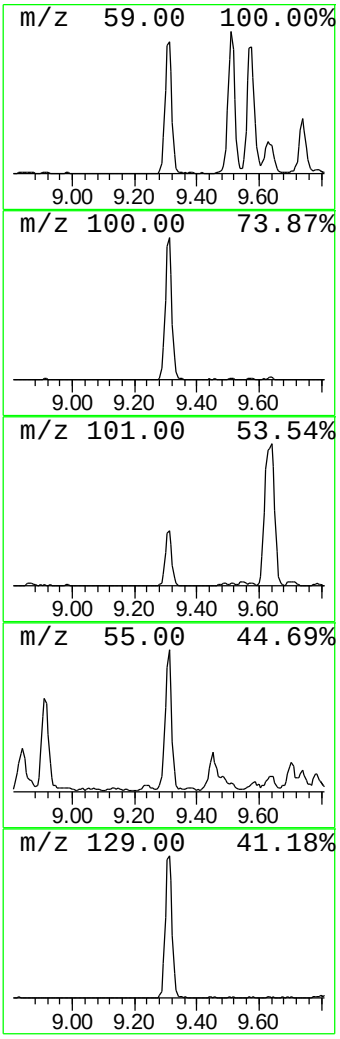
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentanedioic acid, dimethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	4.12 ng/ul	727753	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	86
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	59
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	50
4	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	50
5	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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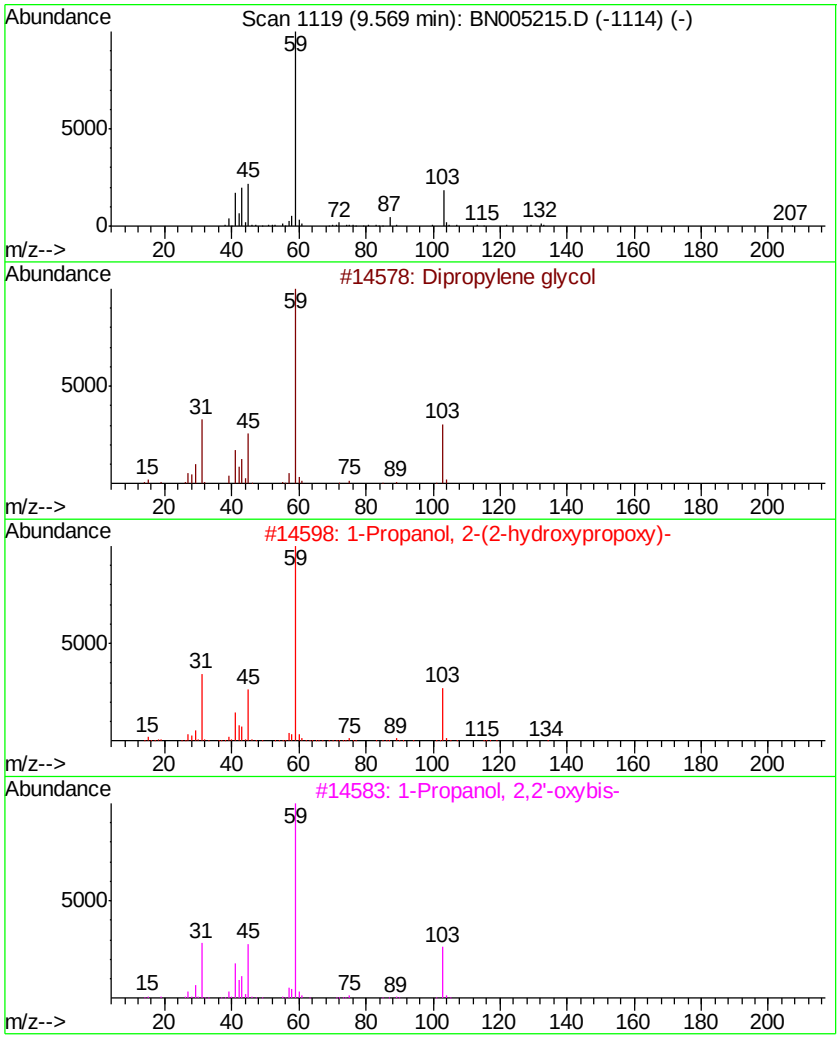
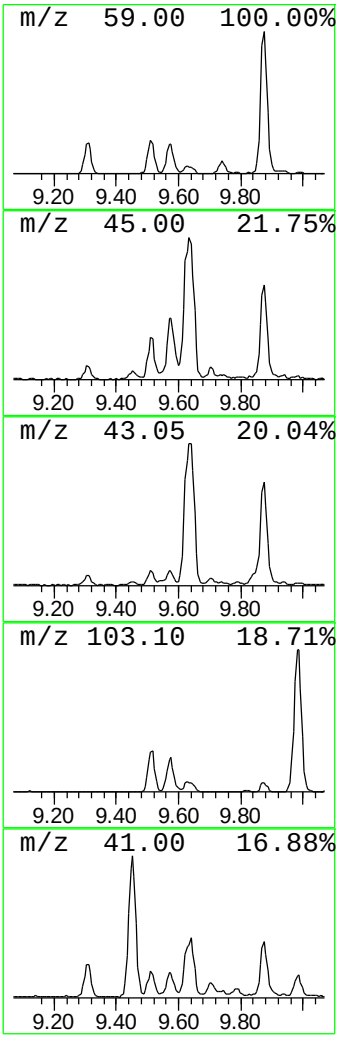
Peak Number 9 Dipropylene glycol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.20 ng/ul	389400	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol	134	C6H14O3	025265-71-8	78
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	78
4	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64
5	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	59





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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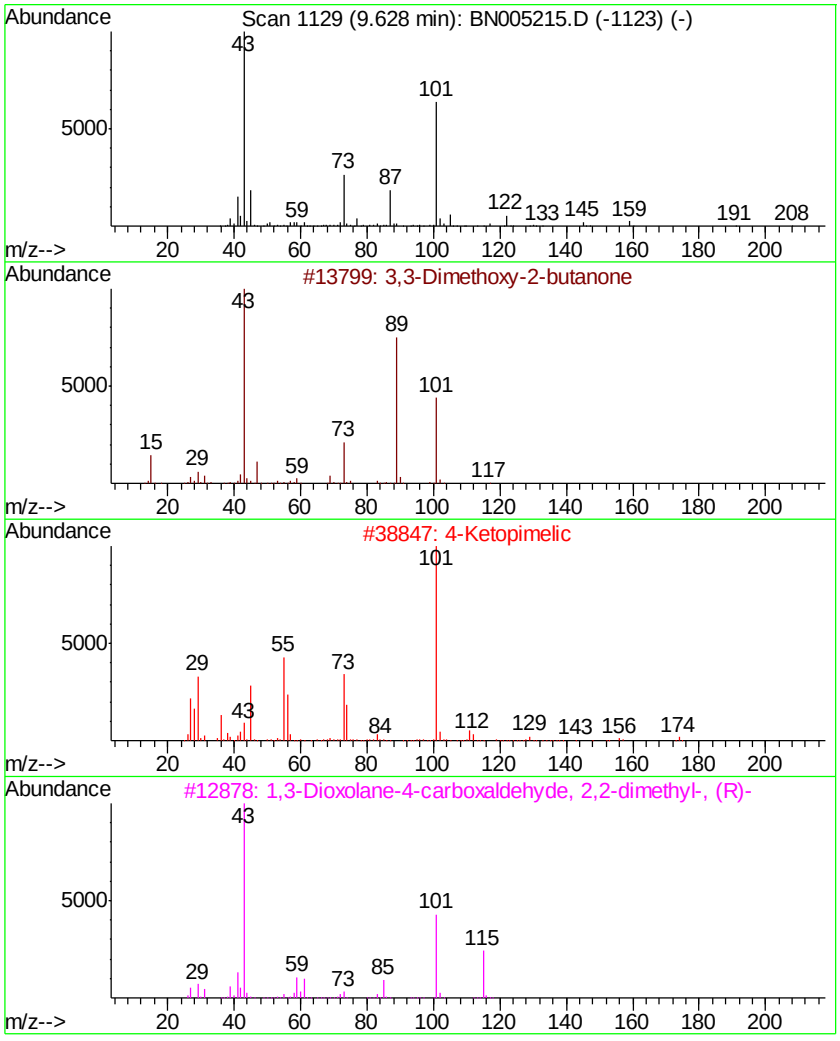
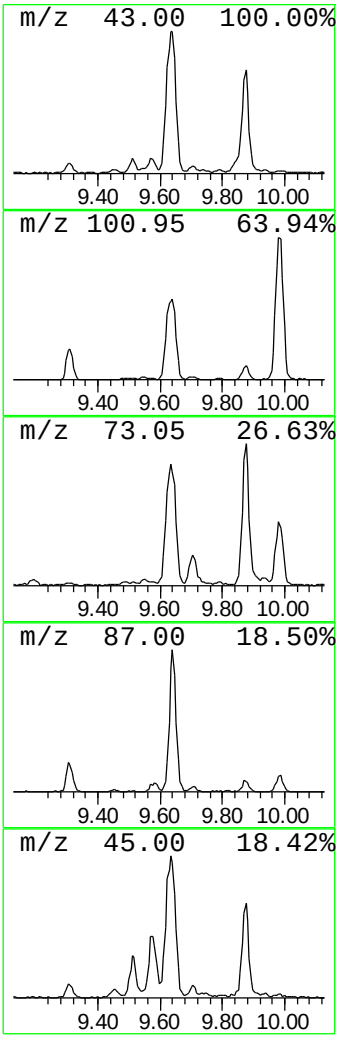
Peak Number 10 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	10.12 ng/ul	1789640	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethoxy-2-butanone	132	C6H12O3	021983-72-2	33
2	4-Ketopimelic	174	C7H10O5	000502-50-1	25
3	1,3-Dioxolane-4-carboxaldehyde, ...	130	C6H10O3	015186-48-8	23
4	Hydrazine, 1,2-dibutyl-	144	C8H20N2	001744-71-4	17
5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	17





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Instrument : BNA_N
ClientSampleId : A5133

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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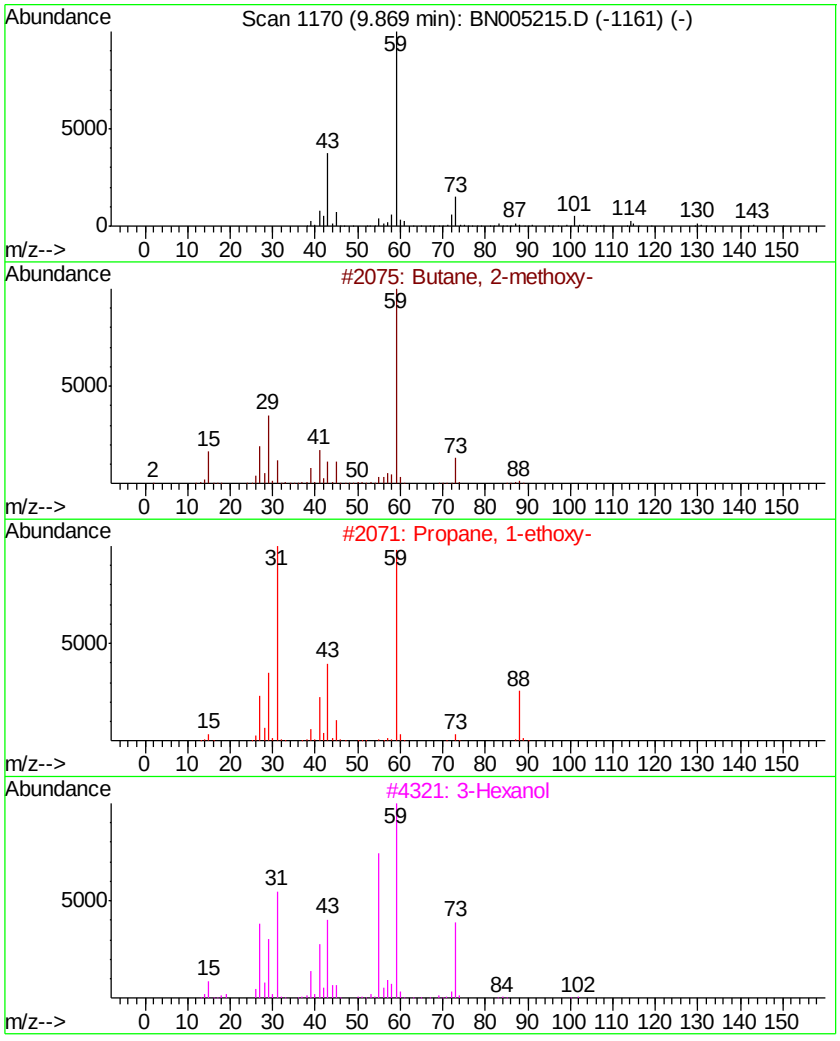
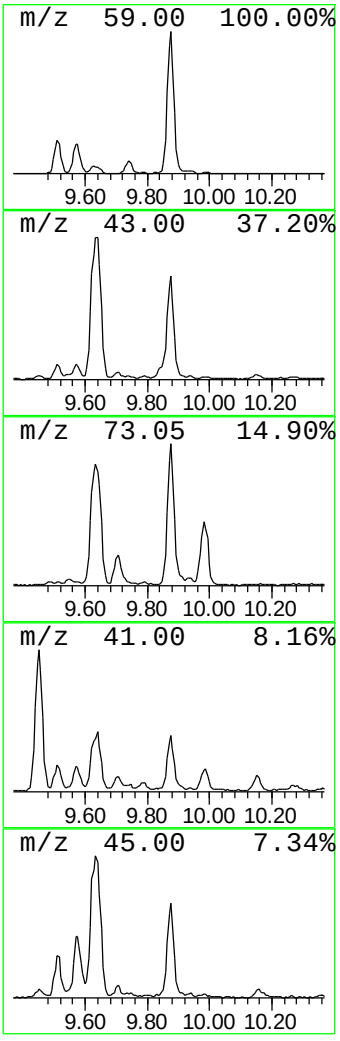
Peak Number 11 Butane, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	10.29 ng/ul	1819660	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-	88	C5H12O	006795-87-5	64
2	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	58
3	3-Hexanol	102	C6H14O	000623-37-0	42
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	40
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	38





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Nonanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.80 ng/ul	672194	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	91
2	Nonanoic acid	158	C9H18O2	000112-05-0	78
3	Nonanoic acid	158	C9H18O2	000112-05-0	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	72
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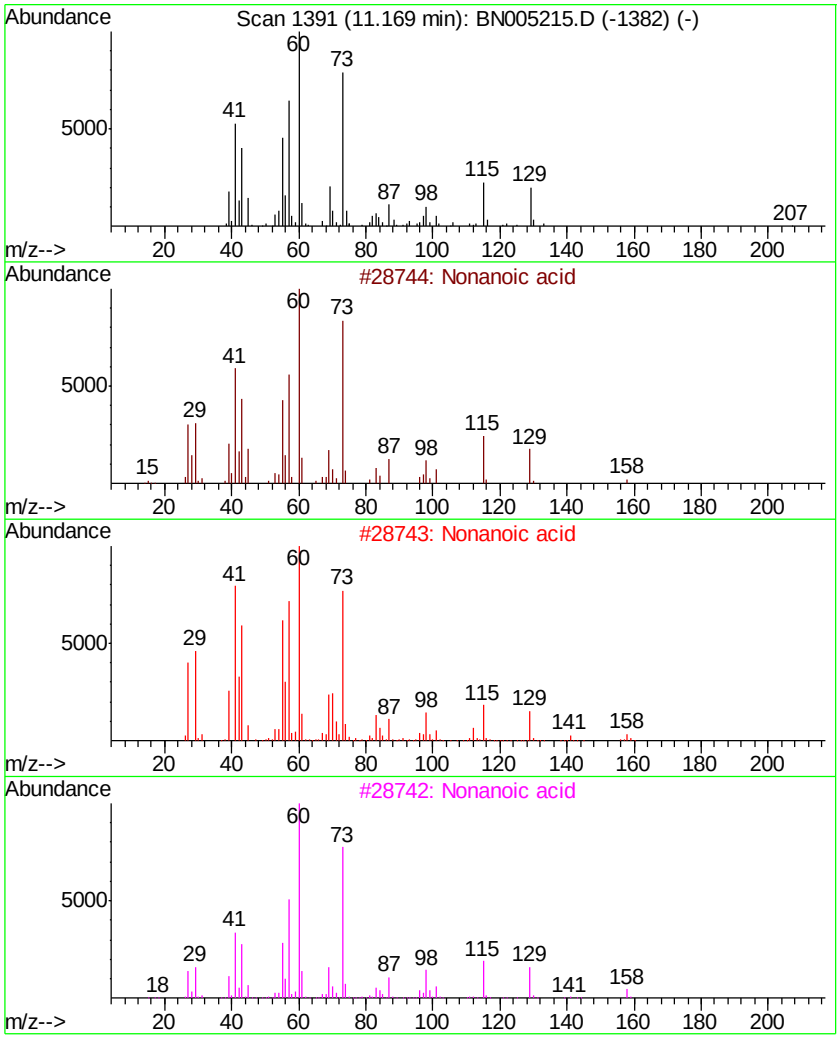

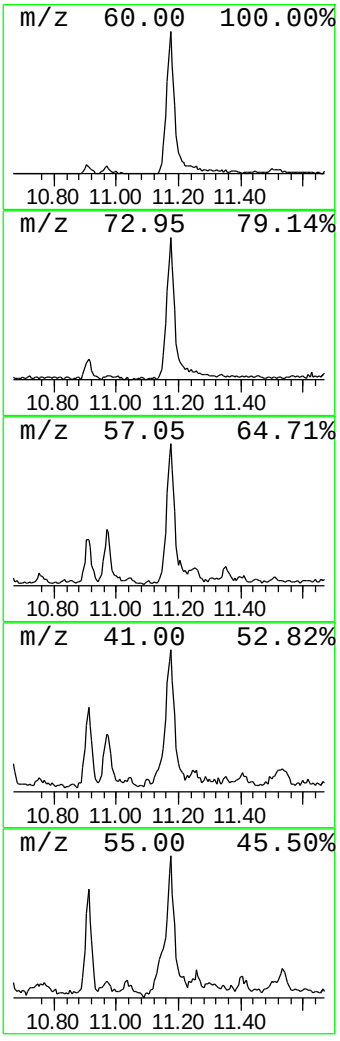

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Instrument : BNA_N
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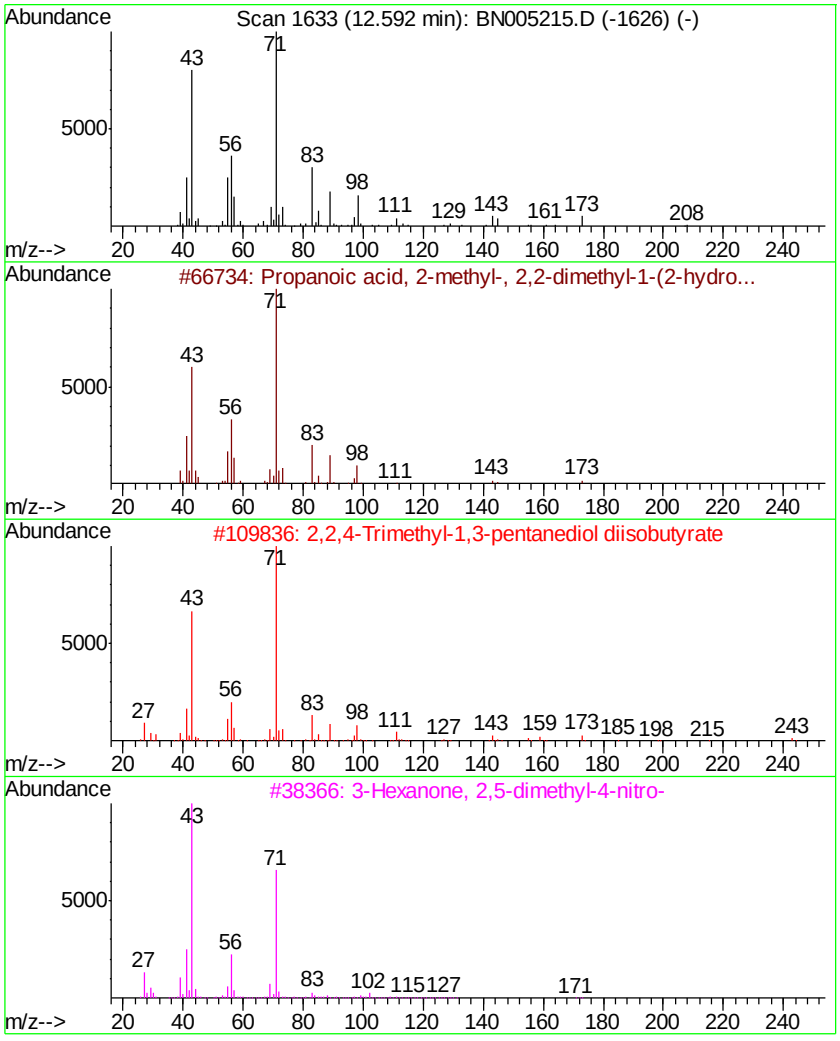
Quant Title : SVOA CALIBRATION

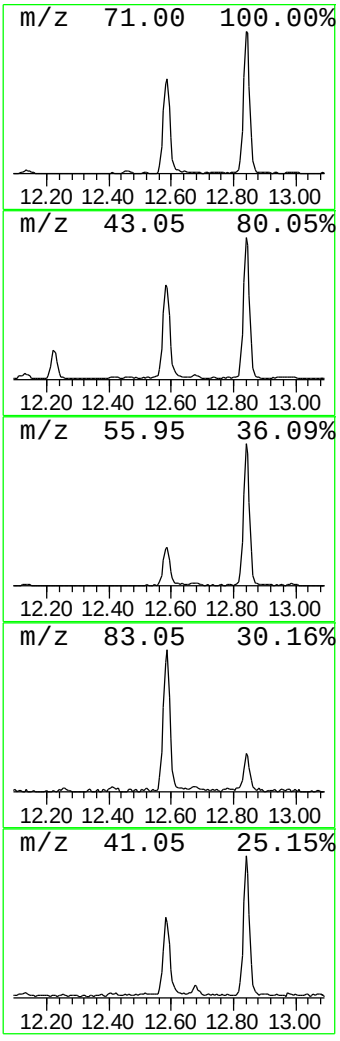
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Propanoic acid, 2-methyl-, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.29 ng/ul	715738	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	64
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	53
3	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	43
4	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	43
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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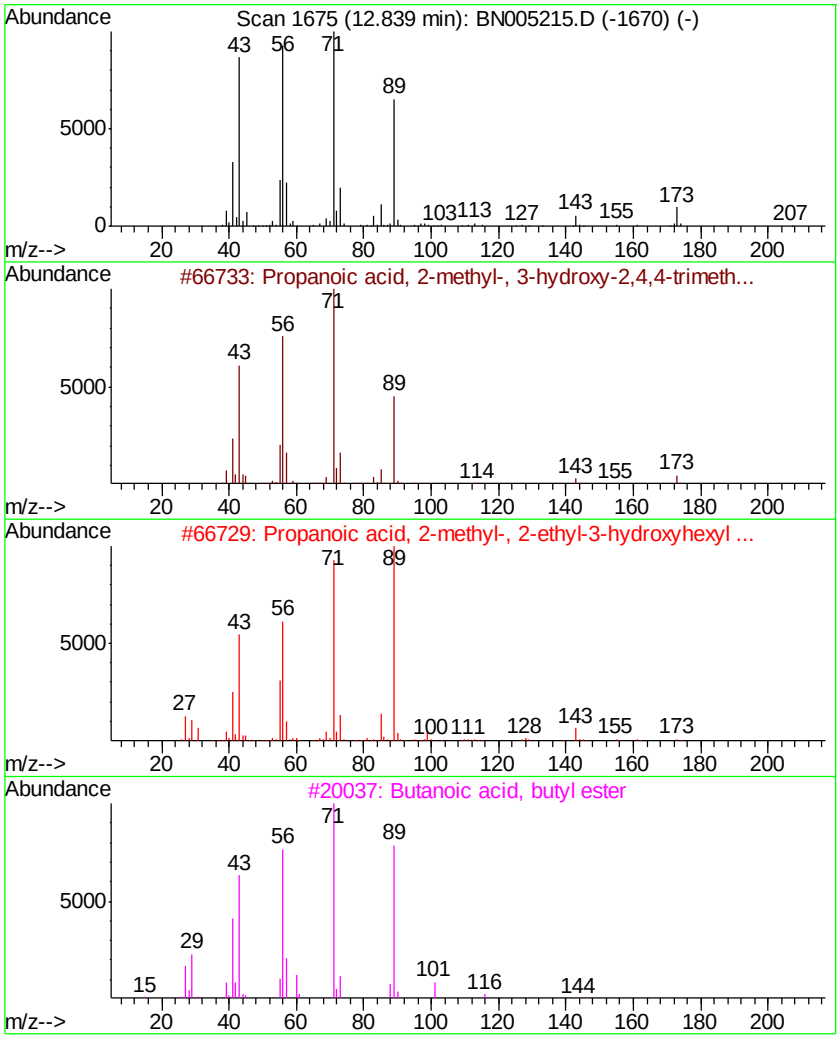
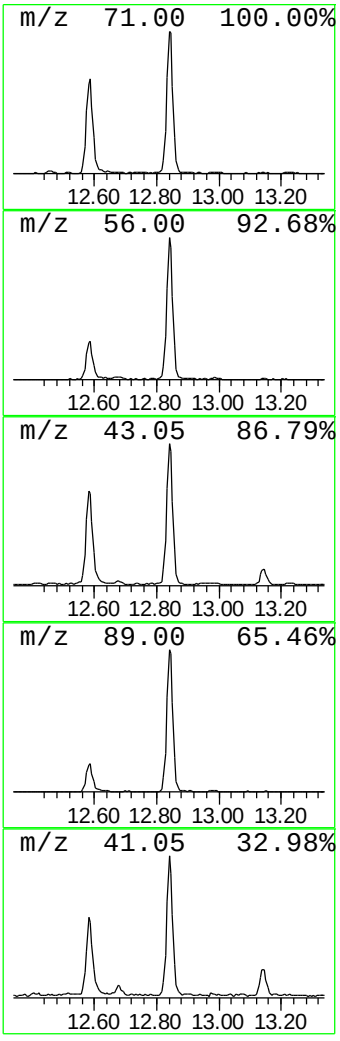
Peak Number 14 Propanoic acid, 2-methyl-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	5.00 ng/ul	1088910	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	78
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	78
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
4	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	43
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	42





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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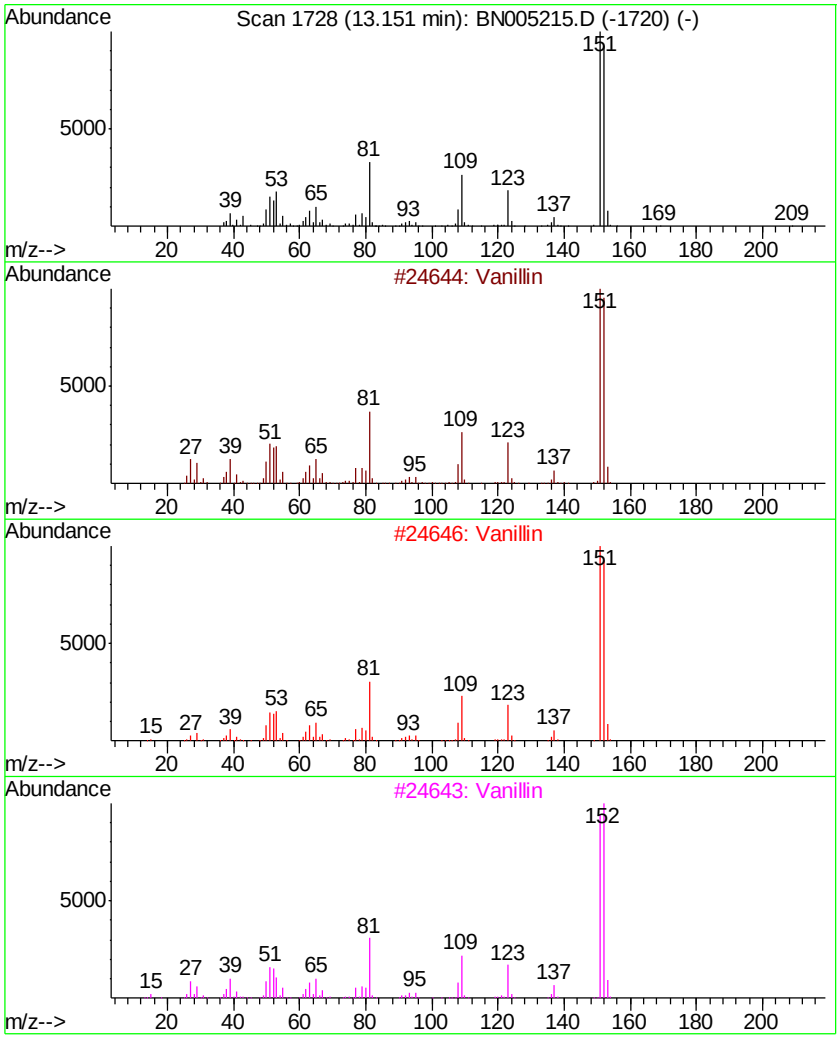
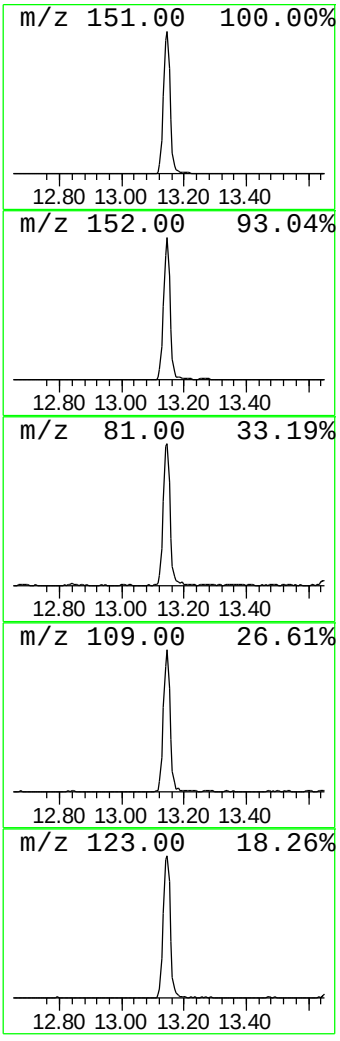
Peak Number 15 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	7.48 ng/ul	1627820	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	98
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94





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Quant Title : SVOA CALIBRATION

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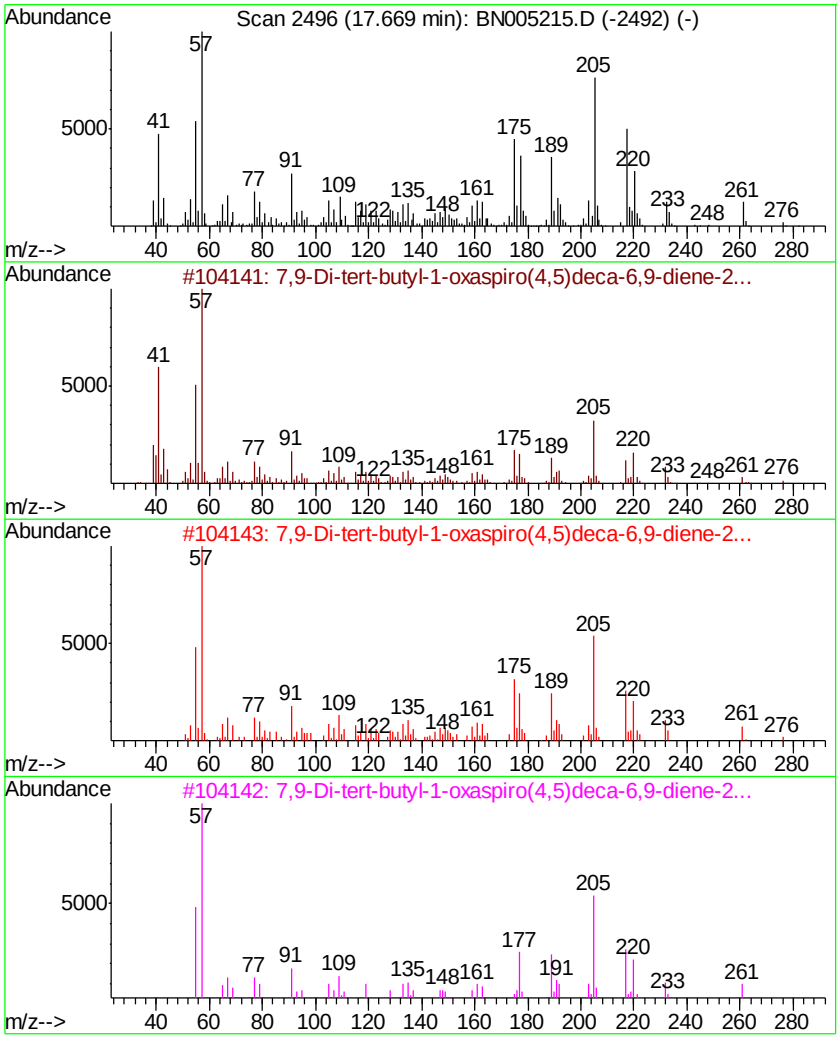
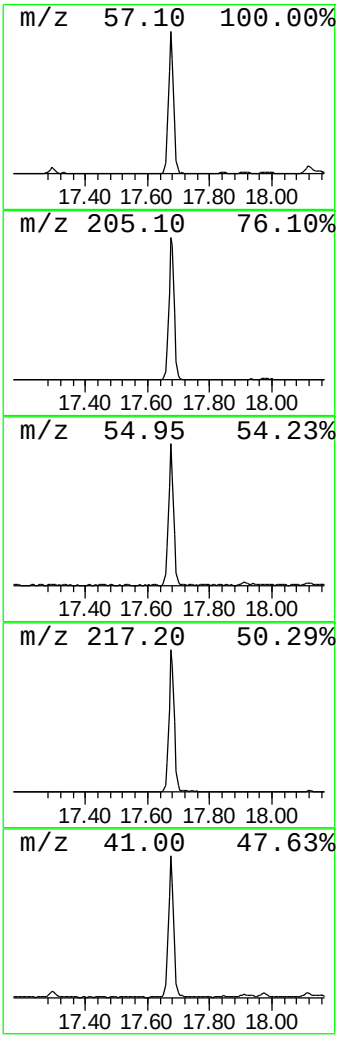
Peak Number 16 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	15.11 ng/ul	3469690	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44





Tentatively Identified Compound (LSC) summary

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Acq On : 23 Apr 2019 15:29
Operator : JU/SJ
Sample : K2403-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5133

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexanone	5.69	3.9	ng/ul	481484	1	7.60	2470650	20.0
Ethanol, 2-butoxy-	5.72	5.5	ng/ul	679020	1	7.60	2470650	20.0
1-Hexanol, 2-ethyl-	7.67	3.9	ng/ul	479909	1	7.60	2470650	20.0
Benzyl Alcohol	7.83	5.9	ng/ul	726904	1	7.60	2470650	20.0
Phenol, 2-methoxy-	8.68	8.4	ng/ul	1042850	1	7.60	2470650	20.0
unknown-01	8.84	2.4	ng/ul	301356	1	7.60	2470650	20.0
Ethanol, 2-(hexyl...	8.91	7.3	ng/ul	901368	1	7.60	2470650	20.0
Pentanedioic acid...	9.31	4.1	ng/ul	727753	2	10.36	3535880	20.0
Dipropylene glycol	9.57	2.2	ng/ul	389400	2	10.36	3535880	20.0
unknown-02	9.63	10.1	ng/ul	1789640	2	10.36	3535880	20.0
Butane, 2-methoxy-	9.87	10.3	ng/ul	1819660	2	10.36	3535880	20.0
Nonanoic acid	11.17	3.8	ng/ul	672194	2	10.36	3535880	20.0
Propanoic acid, 2...	12.59	3.3	ng/ul	715738	3	14.23	4351690	20.0
Propanoic acid, 2...	12.84	5.0	ng/ul	1088910	3	14.23	4351690	20.0
Vanillin	13.15	7.5	ng/ul	1627820	3	14.23	4351690	20.0
7,9-Di-tert-butyl...	17.67	15.1	ng/ul	3469690	4	16.99	4593130	20.0