LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005231.D
Acq On : 24 Apr 2019 01:21
Operator : JU/SJ
Sample : K2403-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

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	3.217	35	39	49	rBV	92033	112635	1.21%	0.090%
2	3.911	151	157	164	rVB	22732	35022	0.38%	0.028%
3	4.258	212	216	224	rVB2	39379	54906	0.59%	0.044%
4	4.787	300	306	312	rBV2	23449	36087	0.39%	0.029%
5	5.081	352	356	363	rVB	56140	71540	0.77%	0.057%
6	5.687	450	459	462	rBV	287617	458115	4.92%	0.368%
7	5.722	462	465	472	rVB	485231	636211	6.83%	0.510%
8	5.846	482	486	492	rVV3	25429	50588	0.54%	0.041%
9	6.275	551	559	563	rBV2	107660	163680	1.76%	0.131%
10	6.317	563	566	570	rVV	31609	44273	0.48%	0.036%
11	6.364	570	574	578	rVB	71020	95495	1.03%	0.077%
12	6.611	606	616	623	rBV2	78330	152621	1.64%	0.122%
13	6.775	630	644	653	rBV	706731	1329630	14.28%	1.067%
14	6.946	662	673	683	rBV	1887508	2895997	31.11%	2.324%
15	7.040	683	689	694	rVV	53465	85134	0.91%	0.068%
16	7.134	697	705	713	rVV	2180705	3330981	35.78%	2.673%
17	7.205	713	717	728	rVV	76965	122446	1.32%	0.098%
18	7.387	742	748	756	rBV	62480	100321	1.08%	0.080%
19	7.599	776	784	790	rBV	1810480	2868982	30.82%	2.302%
20	7.664	790	795	804	rVV	232068	390059	4.19%	0.313%
21	7.746	804	809	816	rVV3	48530	92332	0.99%	0.074%
22	7.828	816	823	832	rVV2	477949	839440	9.02%	0.674%
23	7.905	832	836	840	rVV4	35938	58075	0.62%	0.047%
24	8.158	876	879	883	rVV	22431	37256	0.40%	0.030%
25	8.211	883	888	894	rVV2	65719	119769	1.29%	0.096%
26	8.293	894	902	914	rVV	1751733	2790699	29.98%	2.239%
27	8.405	914	921	927	rVV	153613	266862	2.87%	0.214%
28	8.681	962	968	972	rVV	577868	938162	10.08%	0.753%
29	8.740	972	978	990	rVV	2298941	3942540	42.35%	3.163%
30	8.863	993	999	1002	rVV	55709	93395	1.00%	0.075%
31	8.911	1002	1007	1016	rVV	458999	717302	7.71%	0.576%
32	9.116	1038	1042	1049	rBV2	23502	47796	0.51%	0.038%
33	9.305	1066	1074	1083	rVB	435746	668657	7.18%	0.537%
34	9.452	1090	1099	1105	rBV	1889894	3075093	33.03%	2.467%

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Sample : K2403-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

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	9.510	1105	1109	1114	rVV	201999	334365	3.59%	0.268%
36	9.569	1115	1119	1123	rVV	196993	366205	3.93%	0.294%
37	9.628	1123	1129	1137	rVV3	655521	1592139	17.10%	1.277%
38	9.699	1137	1141	1150	rVV4	66044	153625	1.65%	0.123%
39	9.781	1151	1155	1161	rVV6	47880	95990	1.03%	0.077%
40	9.875	1161	1171	1179	rVV	877906	1665382	17.89%	1.336%
41	9.981	1183	1189	1198	rVV	2881172	4675300	50.22%	3.751%
42	10.063	1199	1203	1209	rVB7	27170	48126	0.52%	0.039%
43	10.152	1209	1218	1223	rBV2	127714	225152	2.42%	0.181%
44	10.275	1234	1239	1244	rVV2	95944	168219	1.81%	0.135%
45	10.357	1246	1253	1259	rVV	2453826	4074551	43.77%	3.269%
46	10.405	1259	1261	1270	rVB5	111375	196182	2.11%	0.157%
47	10.657	1297	1304	1310	rBV3	86700	154681	1.66%	0.124%
48	10.722	1310	1315	1319	rBV4	21001	36360	0.39%	0.029%
49	10.910	1339	1347	1352	rBV	175817	279397	3.00%	0.224%
50	10.969	1352	1357	1360	rBV	84417	123473	1.33%	0.099%
51	11.105	1375	1380	1382	rBV3	35961	60823	0.65%	0.049%
52	11.157	1382	1389	1399	rVV6	95679	288990	3.10%	0.232%
53	11.257	1399	1406	1410	rVB5	22789	47472	0.51%	0.038%
54	11.534	1449	1453	1458	rVV5	31481	56316	0.60%	0.045%
55	11.587	1458	1462	1472	rVB6	28267	64057	0.69%	0.051%
56	11.952	1519	1524	1533	rVB	52663	93446	1.00%	0.075%
57	12.134	1548	1555	1560	rBV7	15767	36512	0.39%	0.029%
58	12.222	1565	1570	1575	rVV	36252	51616	0.55%	0.041%
59	12.581	1623	1631	1643	rBV	407741	657744	7.07%	0.528%
60	12.675	1643	1647	1654	rVB	51984	81046	0.87%	0.065%
61	12.840	1669	1675	1682	rBV	756706	1057431	11.36%	0.848%
62	13.146	1720	1727	1738	rBV	788446	1249637	13.42%	1.003%
63	13.475	1778	1783	1789	rBV3	41473	62509	0.67%	0.050%
64	13.557	1793	1797	1802	rVV4	31216	51003	0.55%	0.041%
65	13.651	1806	1813	1820	rVV	4634712	6456144	69.35%	5.180%
66	13.922	1849	1859	1865	rBV	5126091	7703742	82.75%	6.181%
67	14.093	1881	1888	1892	rBV	56809	92113	0.99%	0.074%
68	14.228	1904	1911	1923	rBV2	3213309	4990977	53.61%	4.005%
69	14.328	1923	1928	1931	rVB3	26462	36463	0.39%	0.029%
70	14.428	1939	1945	1955	rBV	405966	648848	6.97%	0.521%
71	14.704	1988	1992	2000	rVB2	25020	51022	0.55%	0.041%

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Sample : K2403-07
Misc :
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Instrument : BNA_N
ClientSampleId : A5124

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
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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	14.834	2009	2014	2020	rBV4	38453	71716	0.77%	0.058%
73	14.987	2036	2040	2045	rVV	31225	41204	0.44%	0.033%
74	15.069	2045	2054	2061	rVV2	319580	500275	5.37%	0.401%
75	15.228	2074	2081	2088	rBV	6258722	8947967	96.12%	7.180%
76	15.345	2093	2101	2107	rVV	949146	1408968	15.13%	1.131%
77	15.393	2107	2109	2115	rVV	61548	82416	0.89%	0.066%
78	15.469	2117	2122	2129	rVB	88617	134377	1.44%	0.108%
79	15.610	2139	2146	2152	rBV3	83544	141368	1.52%	0.113%
80	16.981	2373	2379	2389	rBV	3643902	5231844	56.20%	4.198%
81	17.081	2389	2396	2408	rBV	6161877	8712771	93.59%	6.991%
82	17.292	2427	2432	2437	rBV	78057	102033	1.10%	0.082%
83	17.675	2491	2497	2504	rBV	2996807	3677368	39.50%	2.951%
84	17.910	2533	2537	2543	rBV6	33367	67077	0.72%	0.054%
85	17.975	2544	2548	2557	rVB	79836	117486	1.26%	0.094%
86	18.116	2568	2572	2576	rBV	93415	138466	1.49%	0.111%
87	19.022	2722	2726	2733	rBV	67219	96611	1.04%	0.078%
88	19.275	2766	2769	2774	rVV	57697	71345	0.77%	0.057%
89	19.392	2782	2789	2801	rBV	6807993	9309548	100.00%	7.470%
90	20.963	3053	3056	3061	rBV4	34096	46284	0.50%	0.037%
91	21.210	3092	3098	3107	rBV	3852739	4918542	52.83%	3.946%
92	21.404	3128	3131	3135	rBV	88408	102808	1.10%	0.082%
93	21.839	3202	3205	3209	rVB	189020	200651	2.16%	0.161%
94	22.298	3279	3283	3292	rVB	295276	391703	4.21%	0.314%
95	22.798	3364	3368	3373	rVB	328780	470715	5.06%	0.378%
96	23.274	3441	3449	3458	rBV	4592042	8398151	90.21%	6.738%
97	23.357	3459	3463	3466	rVV	387450	608504	6.54%	0.488%
98	23.410	3466	3472	3482	rVB	2576462	4831332	51.90%	3.876%
99	23.992	3566	3571	3578	rVB	298442	552631	5.94%	0.443%
100	24.721	3690	3695	3703	rVB2	236708	508271	5.46%	0.408%

Sum of corrected areas: 124631591

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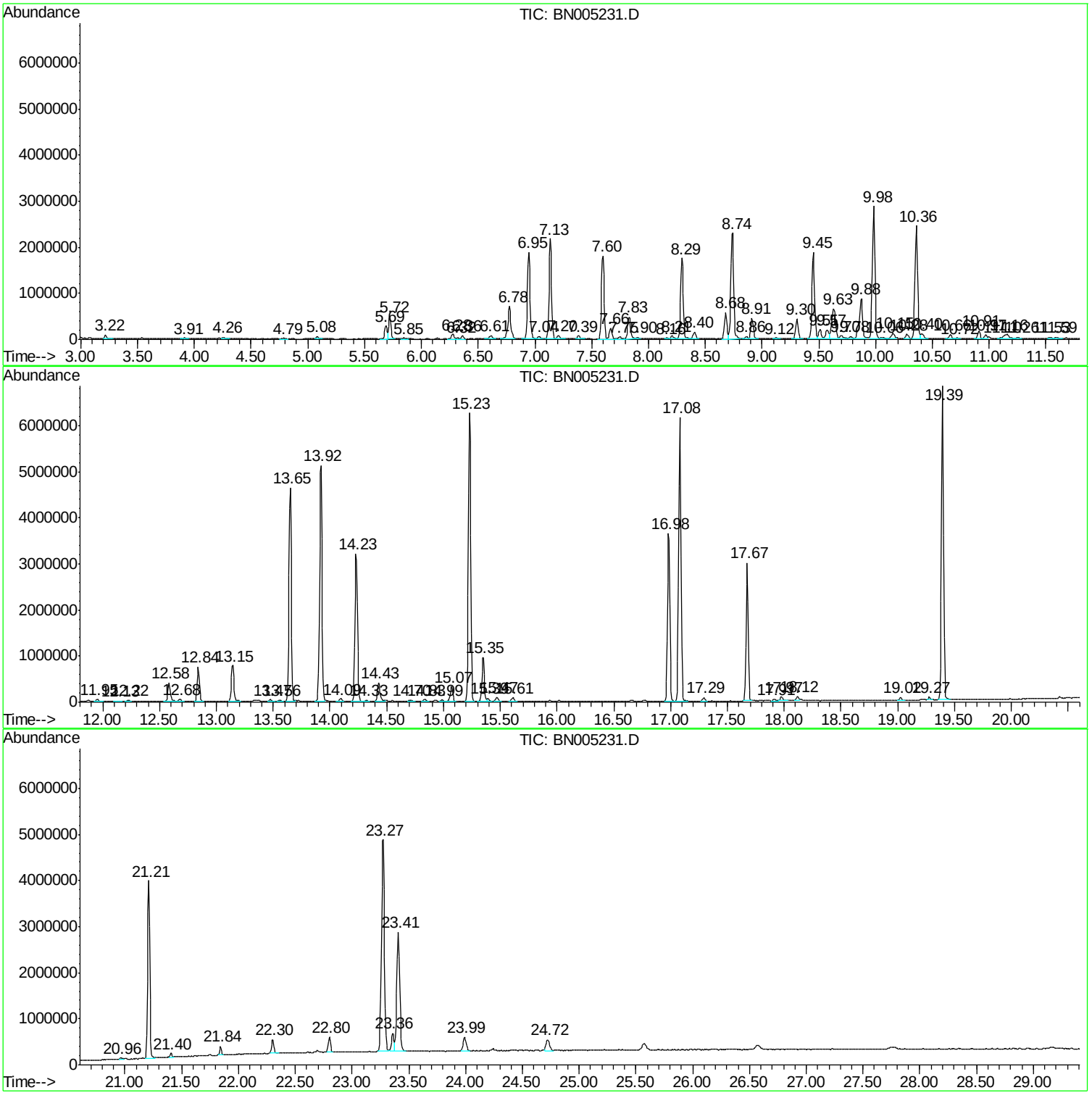
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5124

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
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Instrument : BNA_N
ClientSampleId : A5124

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

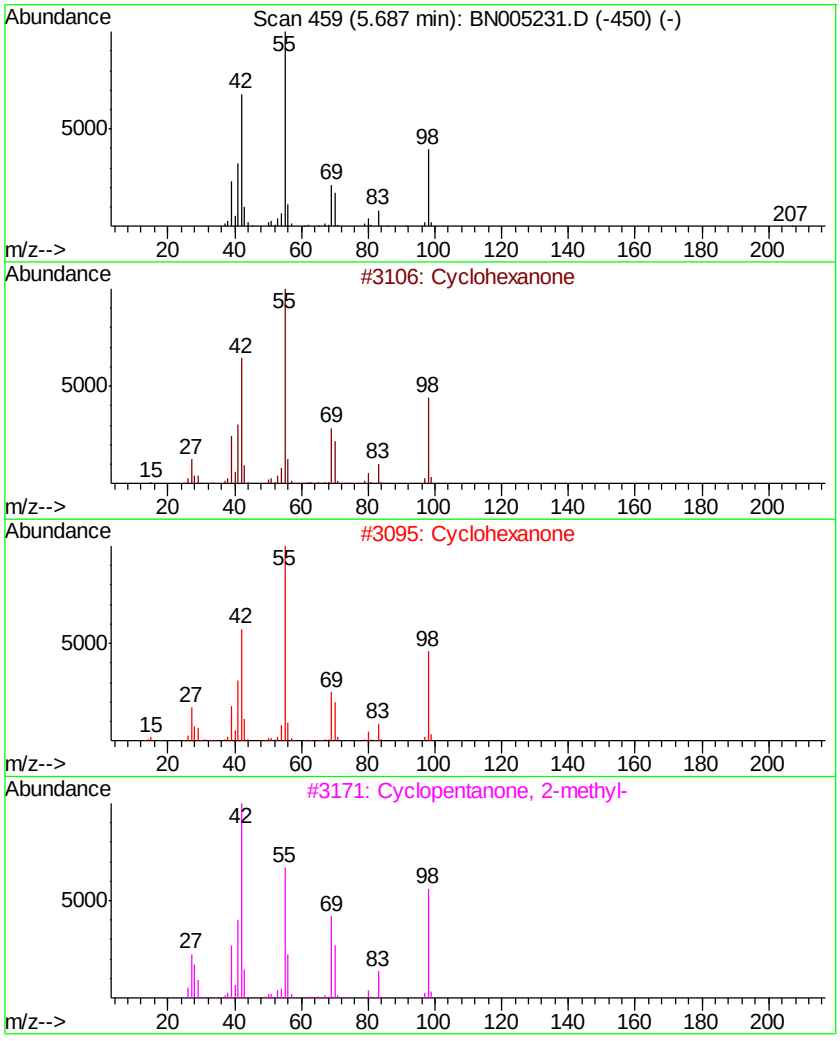
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

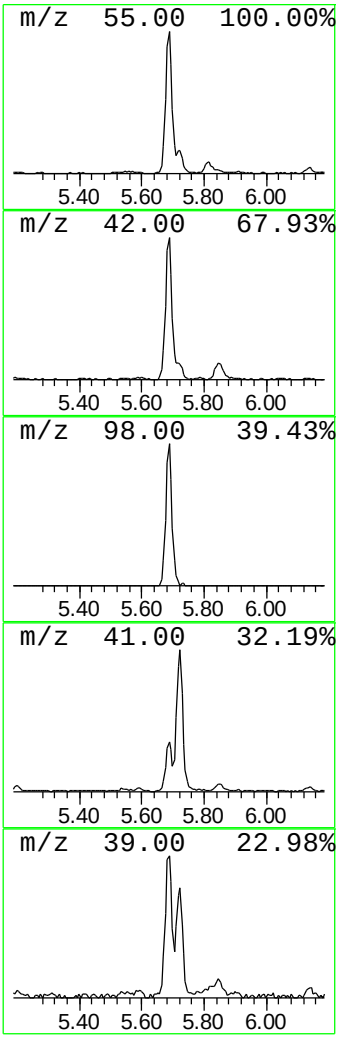
****

Peak Number 1 Cyclohexanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	3.19 ng/ul	458115	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	91
3	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	90
4	Cyclohexanone	98	C6H10O	000108-94-1	86
5	Cyclohexanone	98	C6H10O	000108-94-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005231.D
Acq On : 24 Apr 2019 01:21
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

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

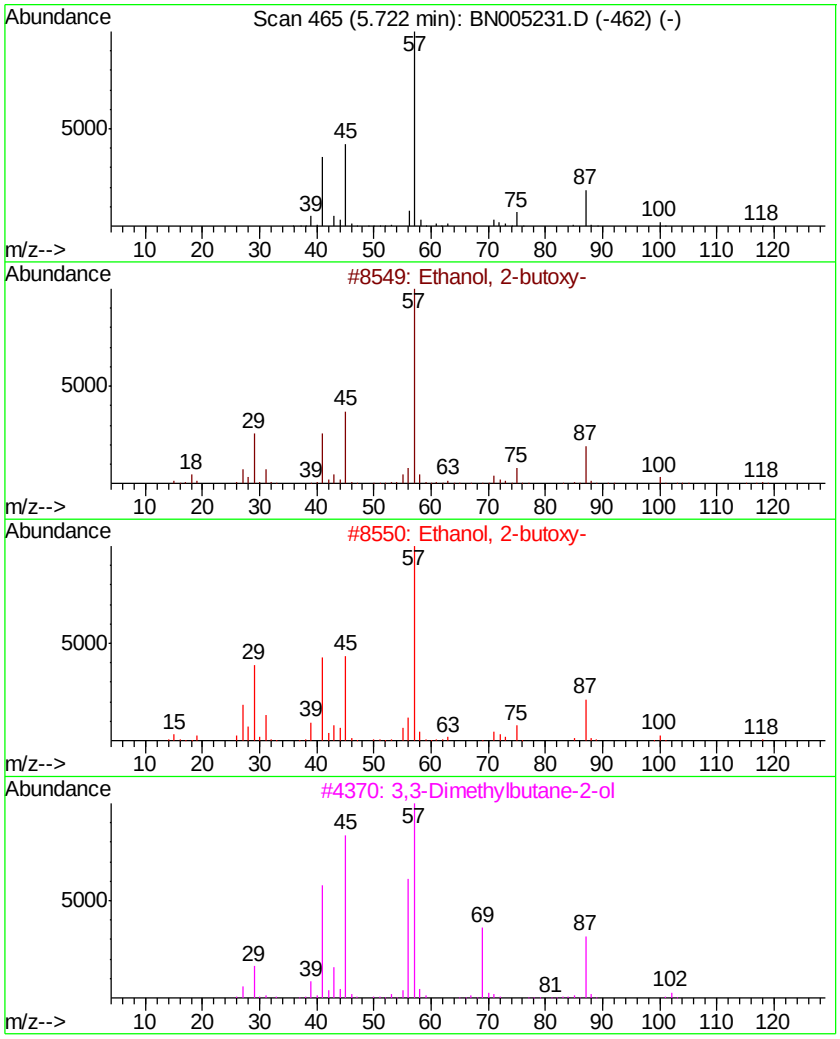
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

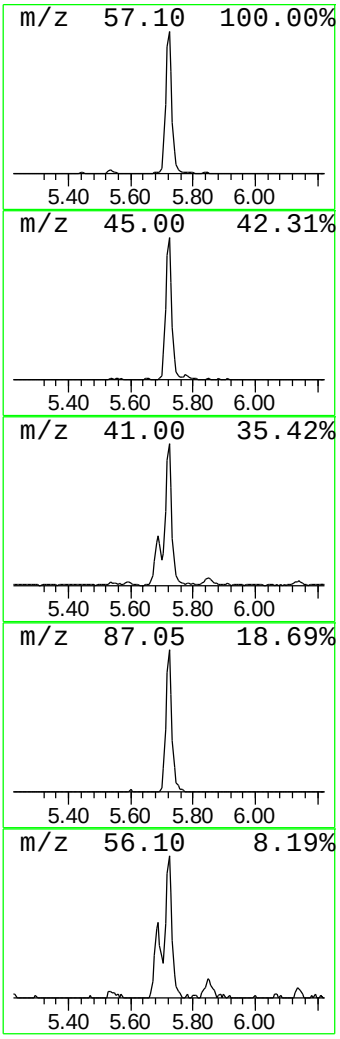
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	4.44 ng/ul	636211	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	52
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	43





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : A5124

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

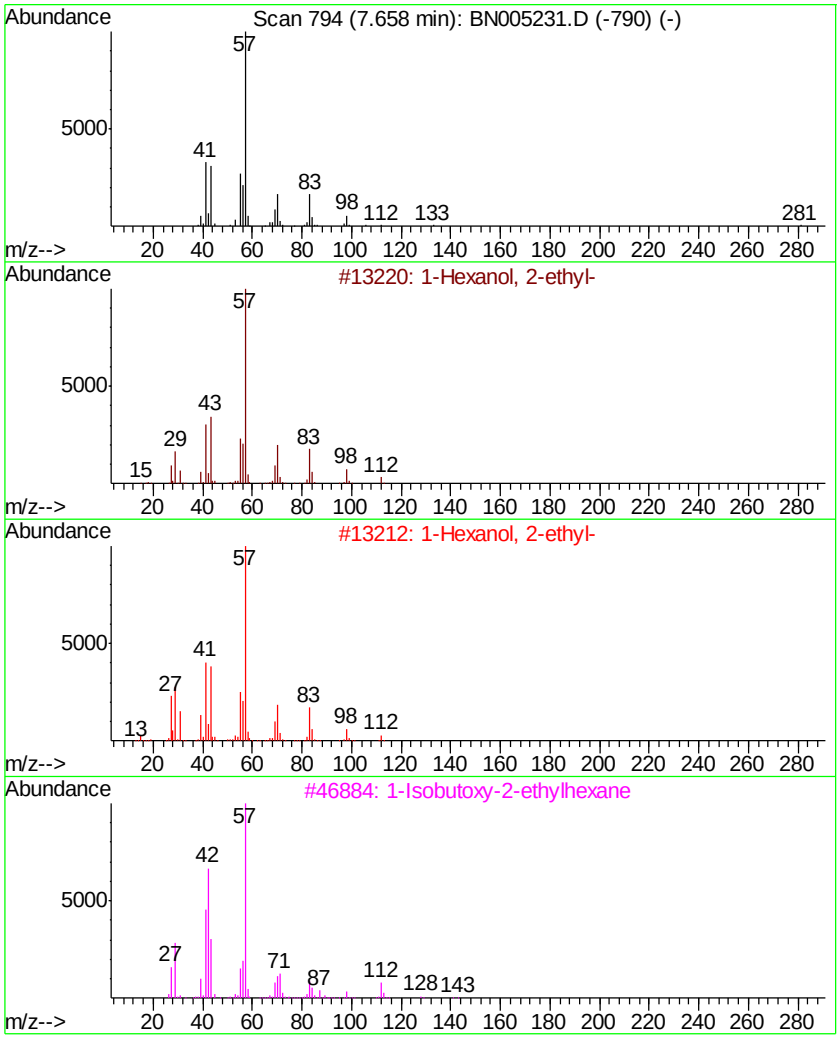
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

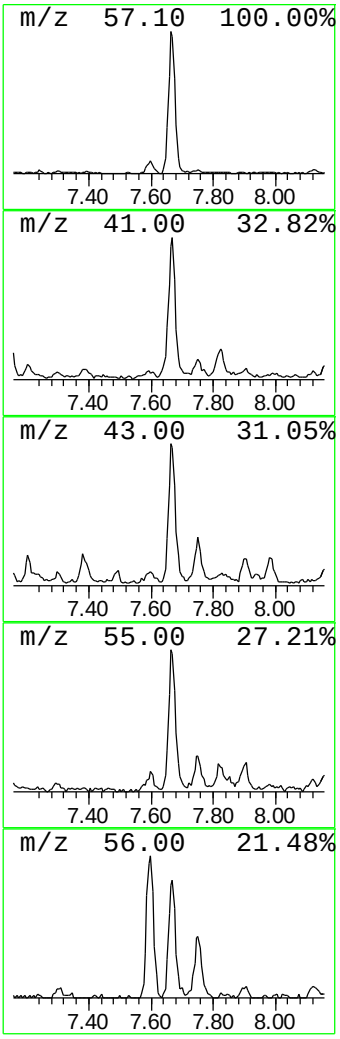
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	2.72 ng/ul	390059	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	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	50
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	45





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Instrument : BNA_N
ClientSampleId : A5124

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

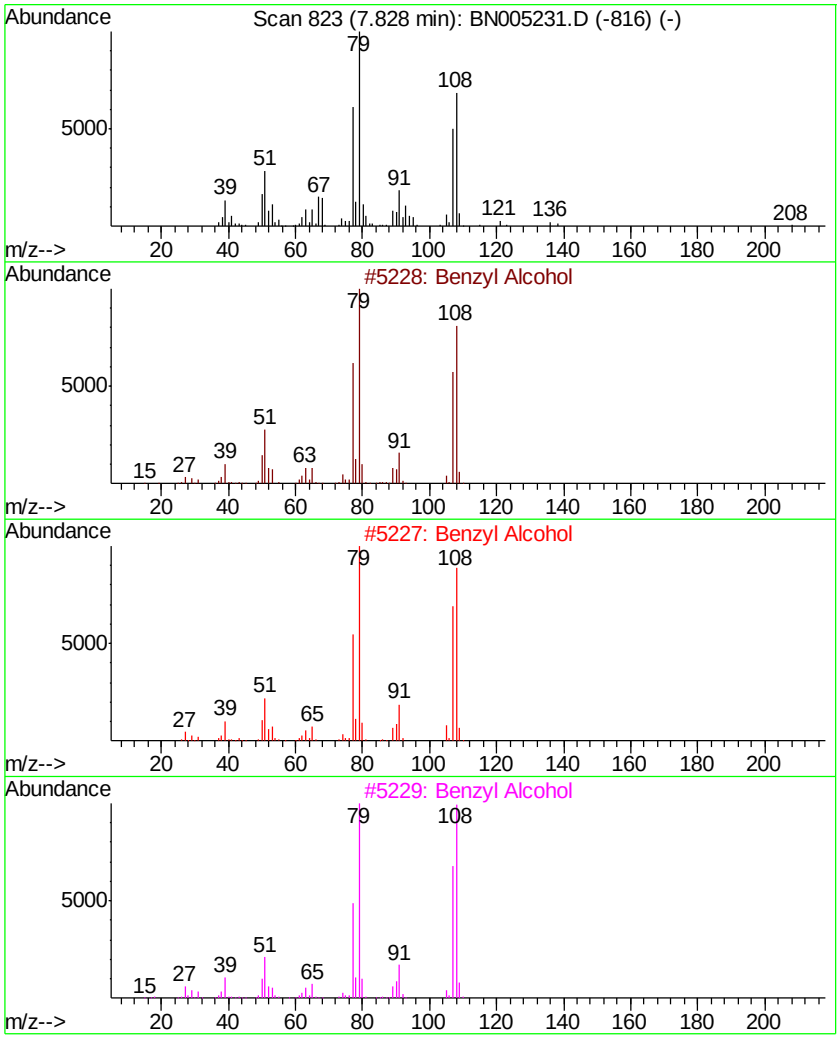
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

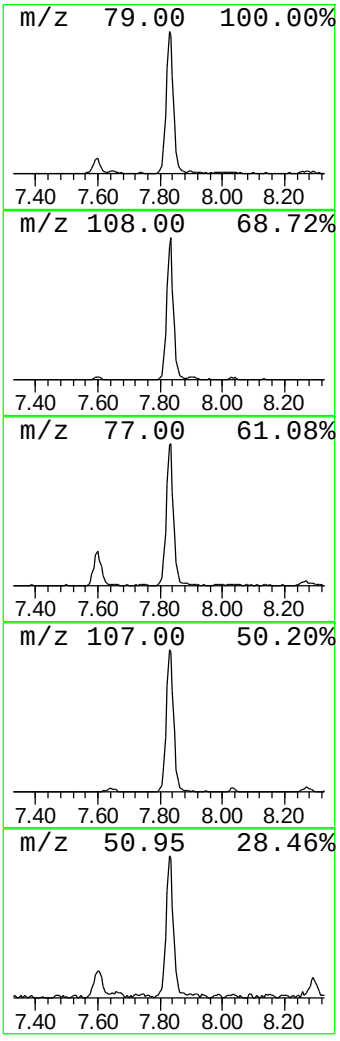
****

Peak Number 4 Benzyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	5.85 ng/ul	839440	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	95
3	Benzyl Alcohol	108	C7H8O	000100-51-6	95
4	N-Cbz-glycylglycine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	90
5	N-.alpha.,N-.omega.-Di-cbz-L-arg...	442	C22H26N4O6	053934-75-1	72





Library Search Compound Report

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Sample : K2403-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

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

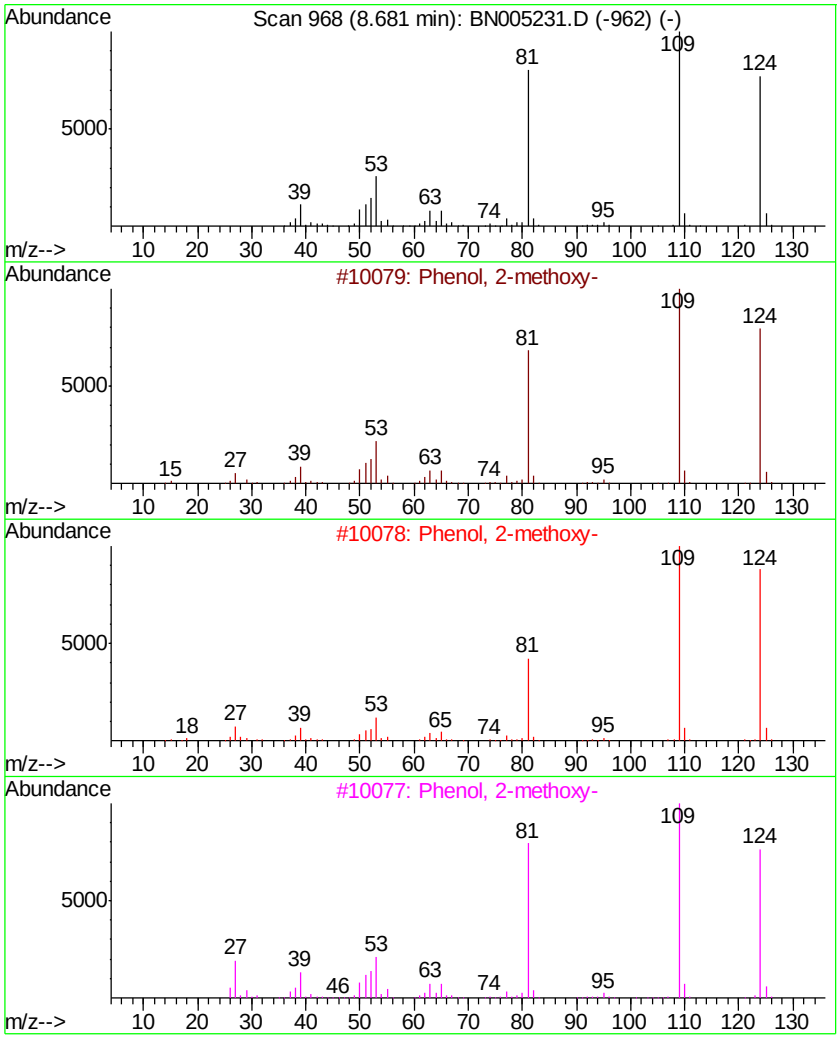
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

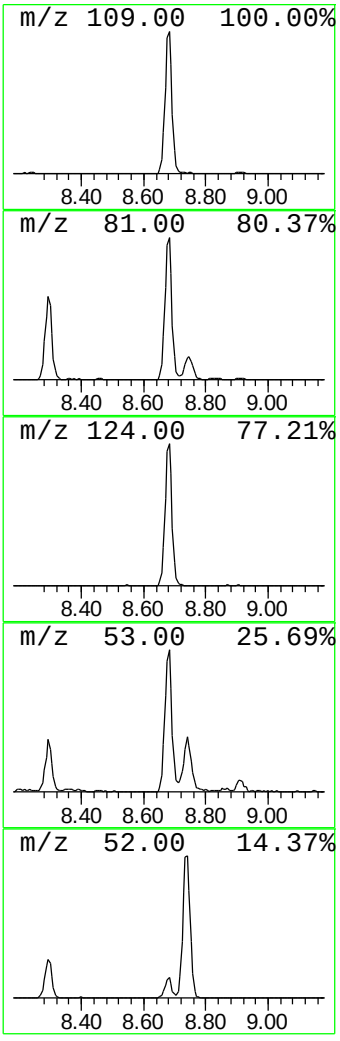
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	6.54 ng/ul	938162	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	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





Library Search Compound Report

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Data File : BN005231.D
Acq On : 24 Apr 2019 01:21
Operator : JU/SJ
Sample : K2403-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

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Quant Title : SVOA CALIBRATION

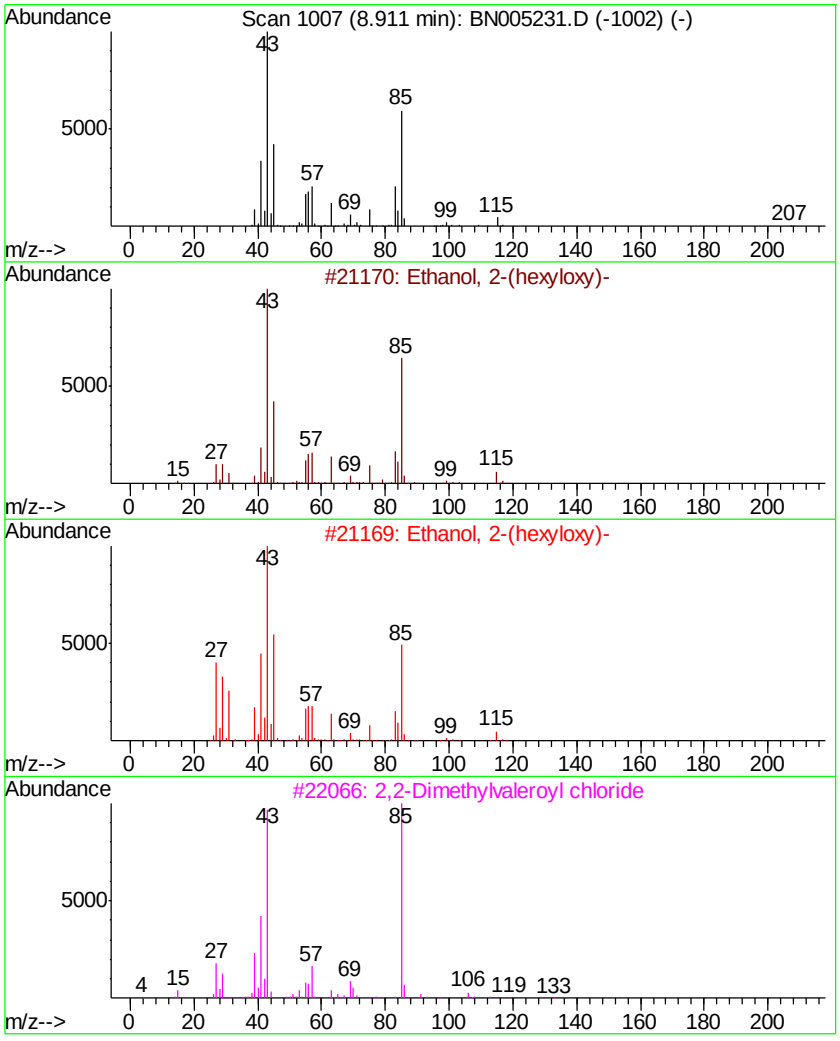
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

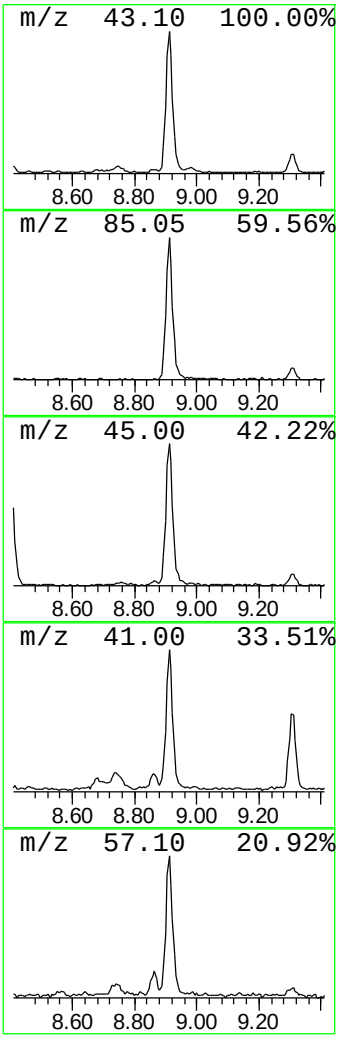
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	5.00 ng/ul	717302	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	78
2	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	64
3	2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	38
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38
5	2-Butanol, 1,4-dimethoxy-3-(1,2,...	234	C12H26O4	079449-92-6	38





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

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Quant Title : SVOA CALIBRATION

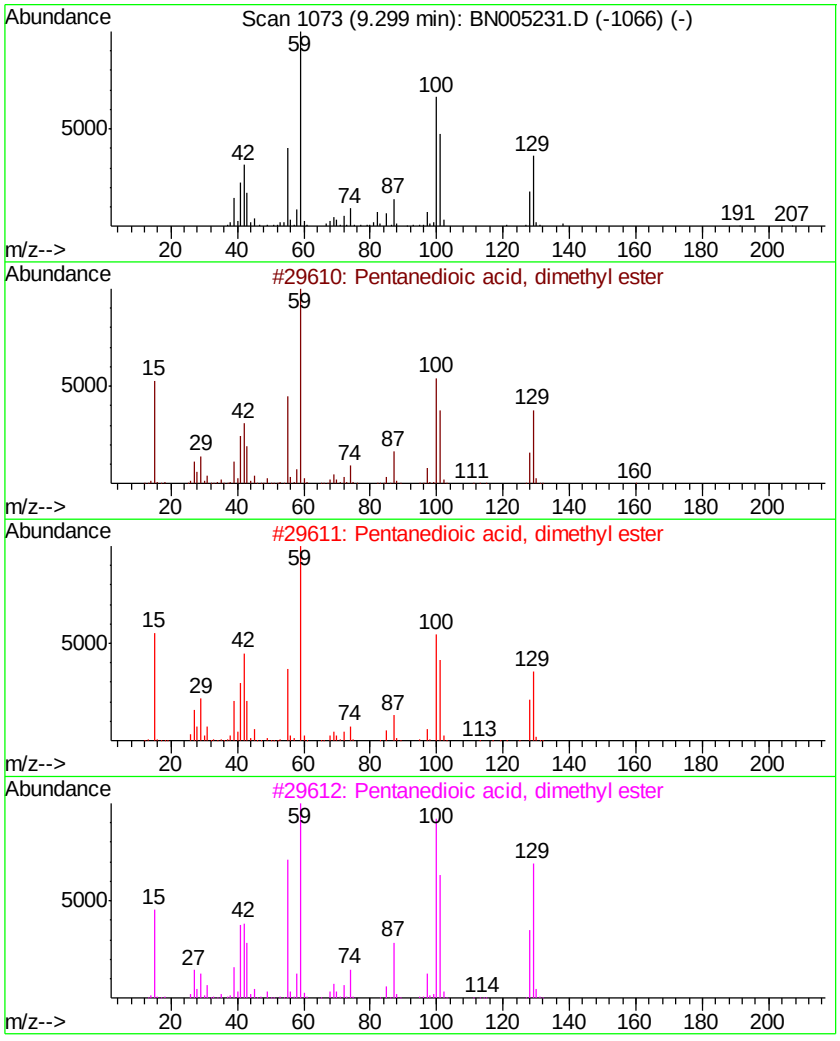
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

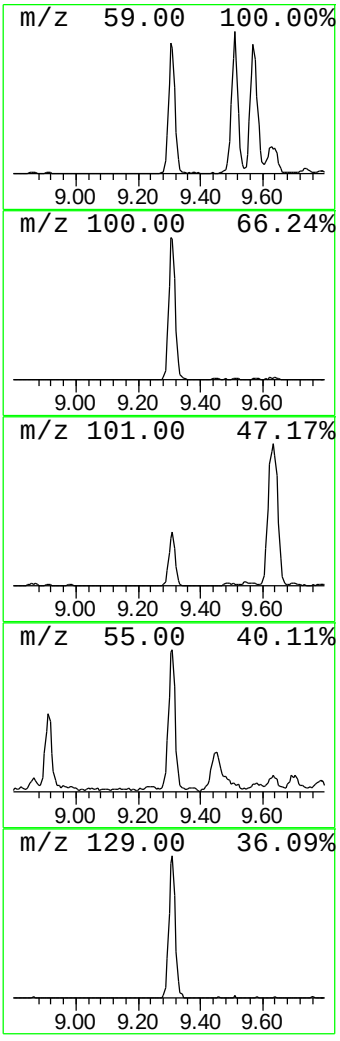
****

Peak Number 7 Pentanedioic acid, dimethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	3.28 ng/ul	668657	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	90
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	86
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	80
4	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	40
5	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	40





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

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Quant Title : SVOA CALIBRATION

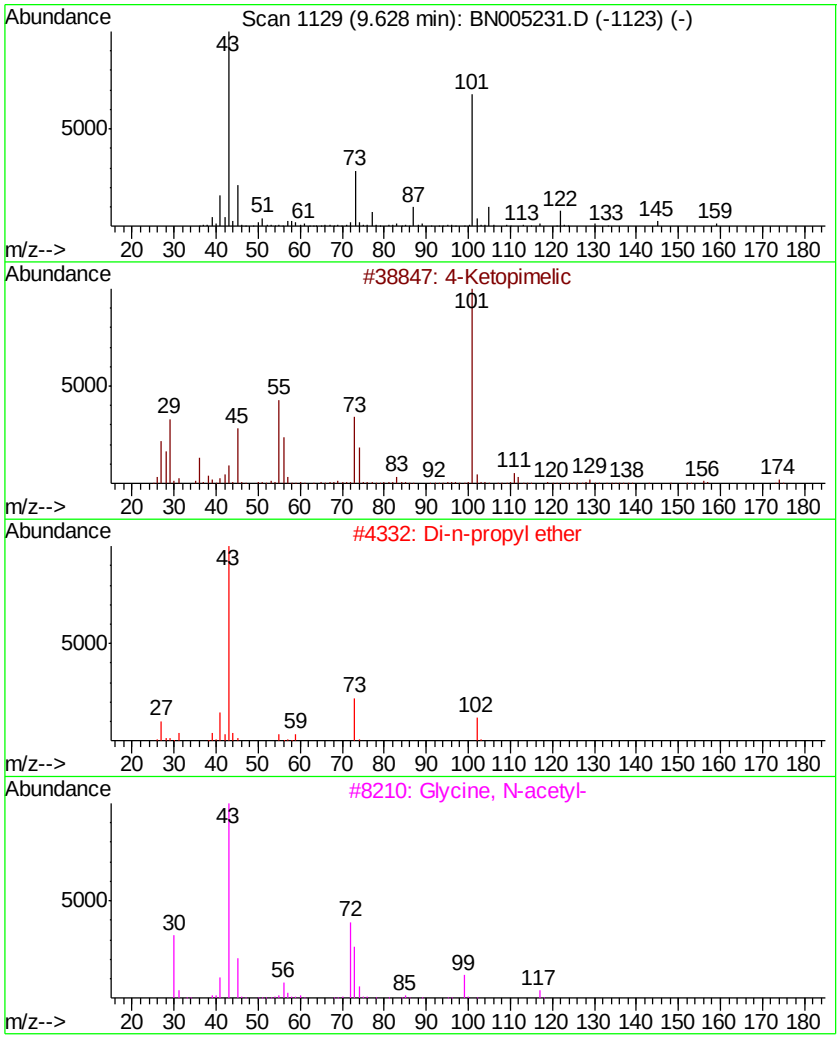
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

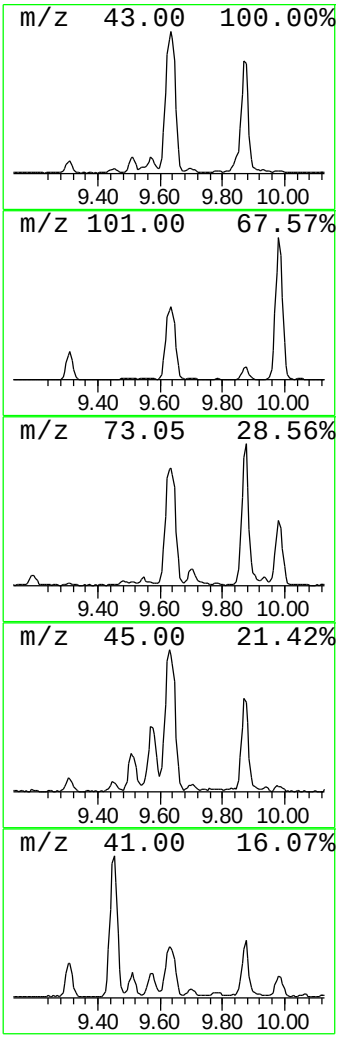
****

Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	7.82 ng/ul	1592140	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ketopimelic	174	C7H10O5	000502-50-1	28
2	Di-n-propyl ether	102	C6H14O	000111-43-3	22
3	Glycine, N-acetyl-	117	C4H7NO3	000543-24-8	17
4	Cyclopentane, 1,2,3,4,5-pentamet...	220	C10H20O5	029887-59-0	12
5	2-Propanone, 1-(1,3-dioxolan-2-yl)-	130	C6H10O3	000767-04-4	10





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Misc :
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Instrument : BNA_N
ClientSampleId : A5124

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Quant Title : SVOA CALIBRATION

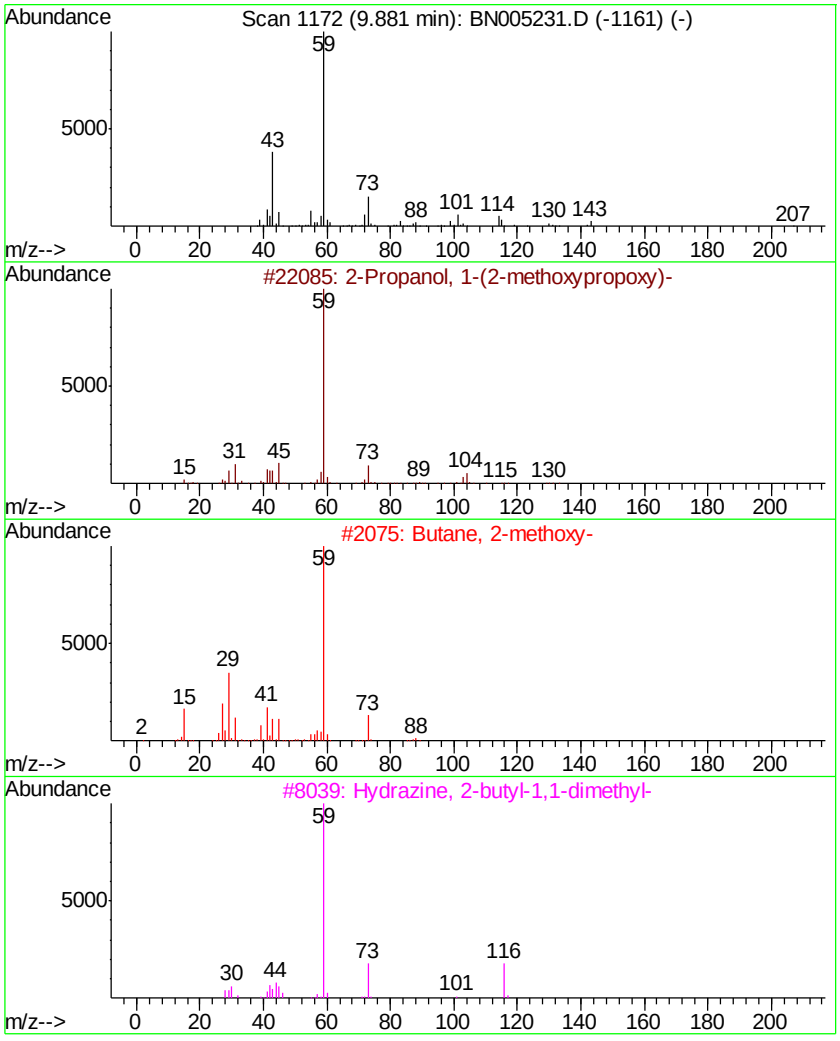
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

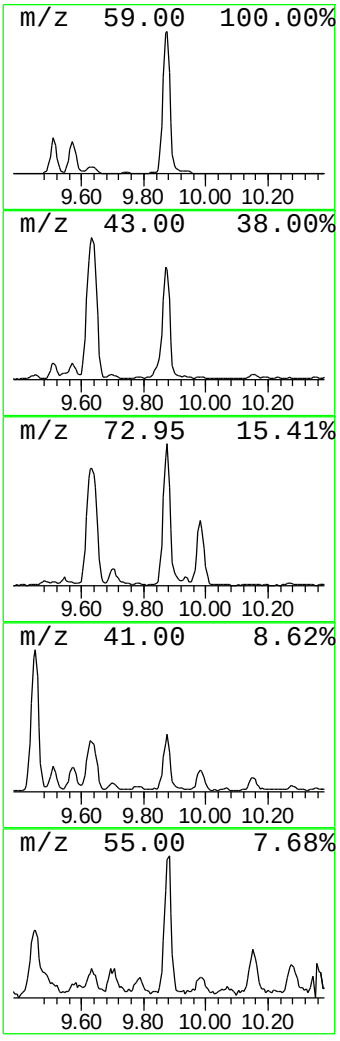
****

Peak Number 9 2-Propanol, 1-(2-methoxypro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	8.17 ng/ul	1665380	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	59
2	Butane, 2-methoxy-	88	C5H12O	006795-87-5	39
3	Hydrazine, 2-butyl-1,1-dimethyl-	116	C6H16N2	054007-23-7	38
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	38
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	38





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Instrument : BNA_N
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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

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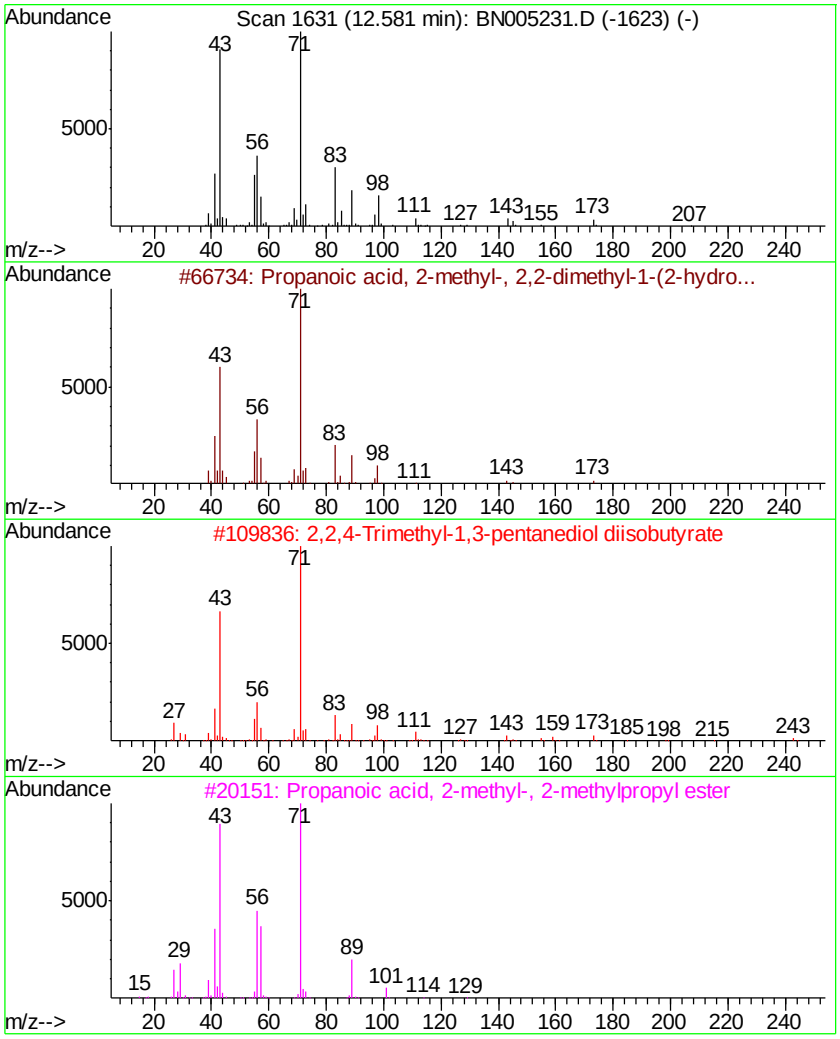
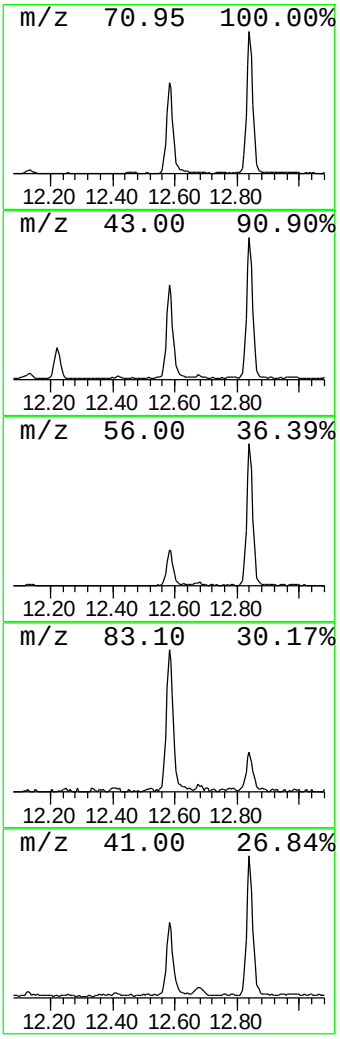
Peak Number 10 Propanoic acid, 2-methyl-, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.64 ng/ul	657744	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	86
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	72
3	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
4	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	43
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	40





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Instrument : BNA_N
ClientSampleId : A5124

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Quant Title : SVOA CALIBRATION

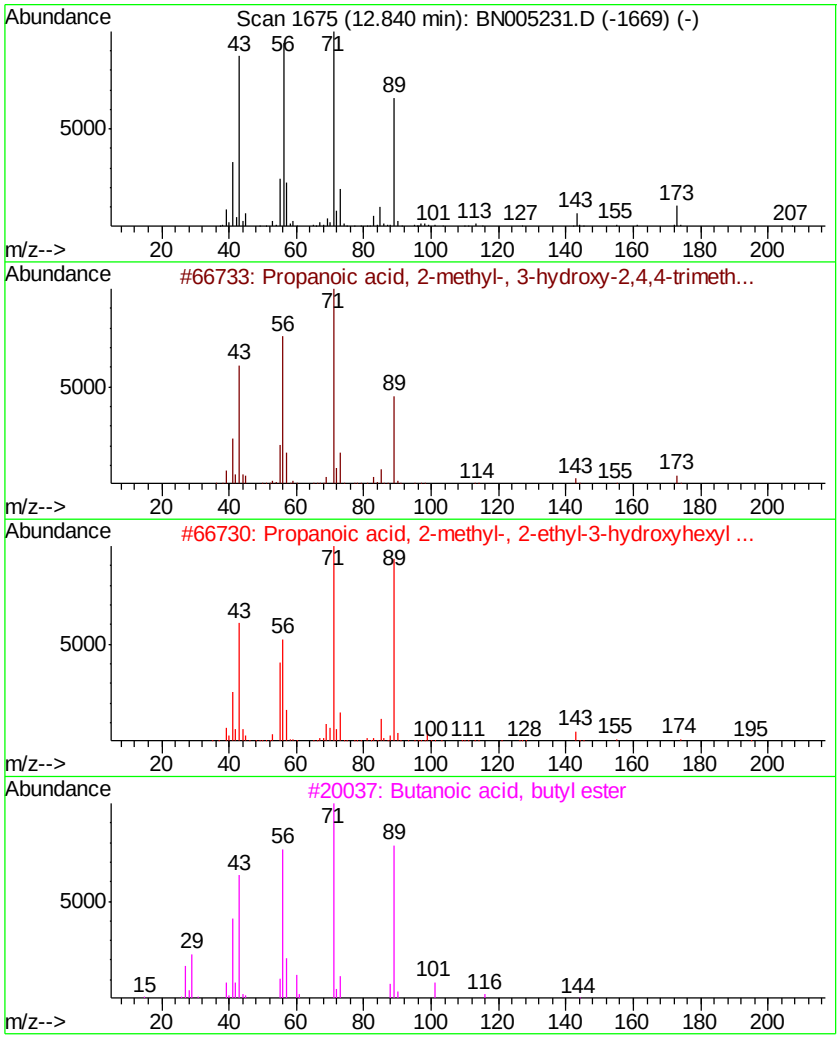
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

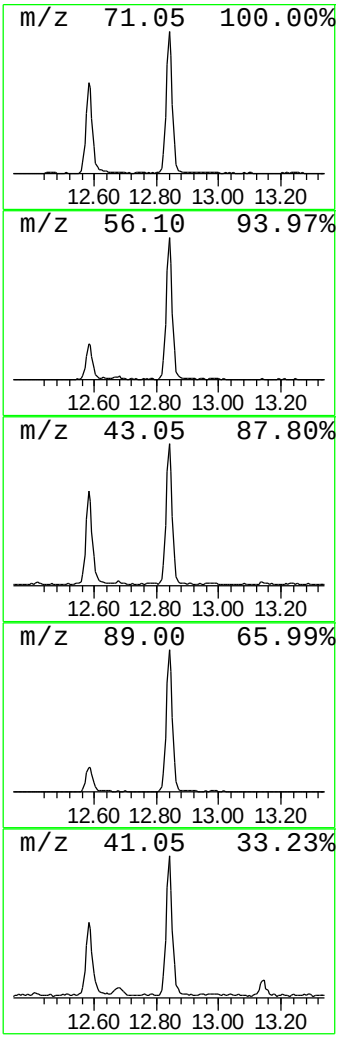
****

Peak Number 11 Propanoic acid, 2-methyl-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	4.24 ng/ul	1057430	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	83
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50
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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Operator : JU/SJ
Sample : K2403-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

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

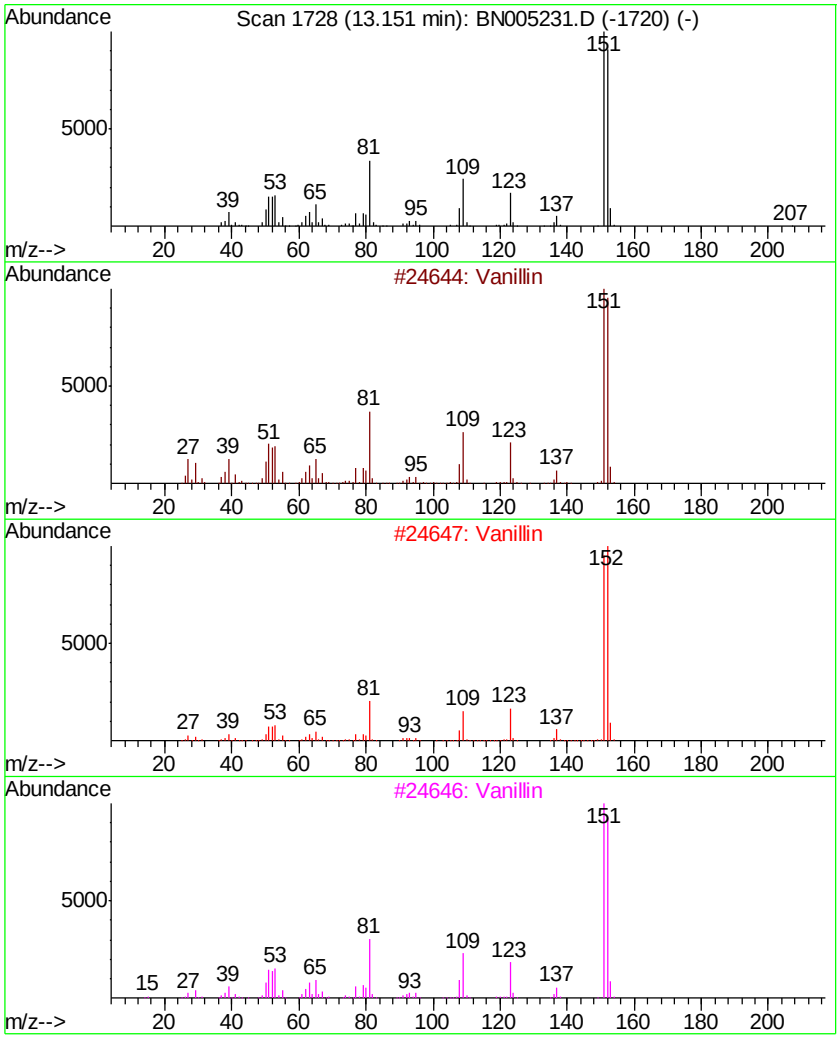
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

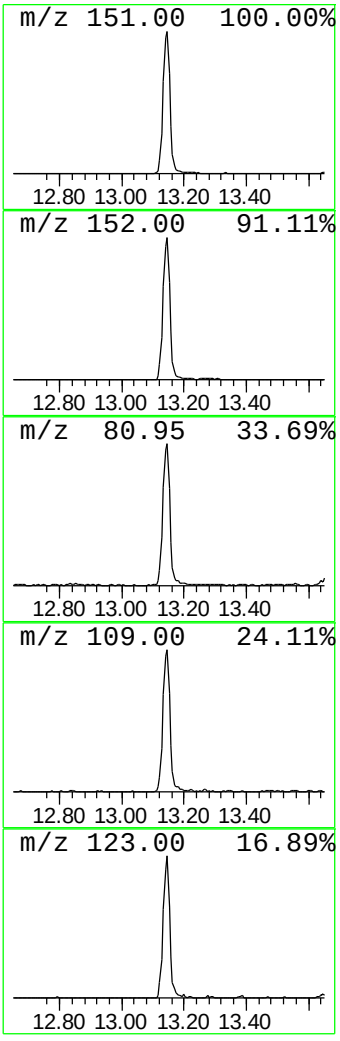
****

Peak Number 12 Vanillin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.01 ng/ul	1249640	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	97
4	Vanillin	152	C8H8O3	000121-33-5	96
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95





Library Search Compound Report

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Sample : K2403-07
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Quant Title : SVOA CALIBRATION

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

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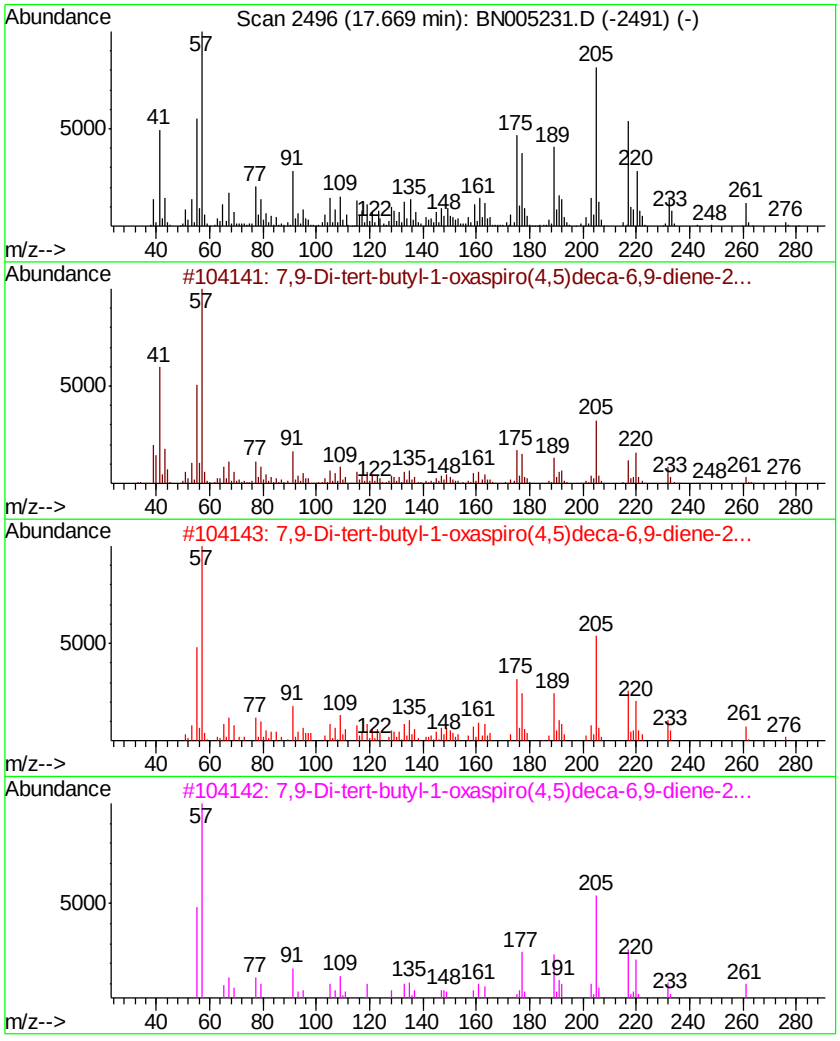
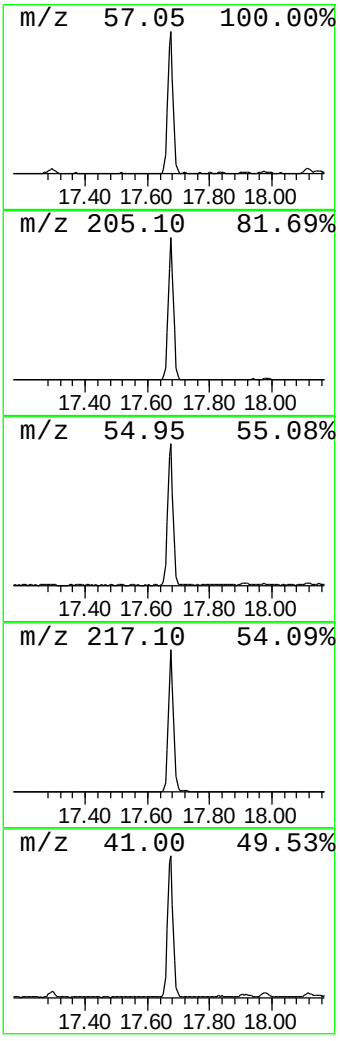
Peak Number 13 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	14.06 ng/ul	3677370	Phenanthrene-d10	16.98

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	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	46
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45





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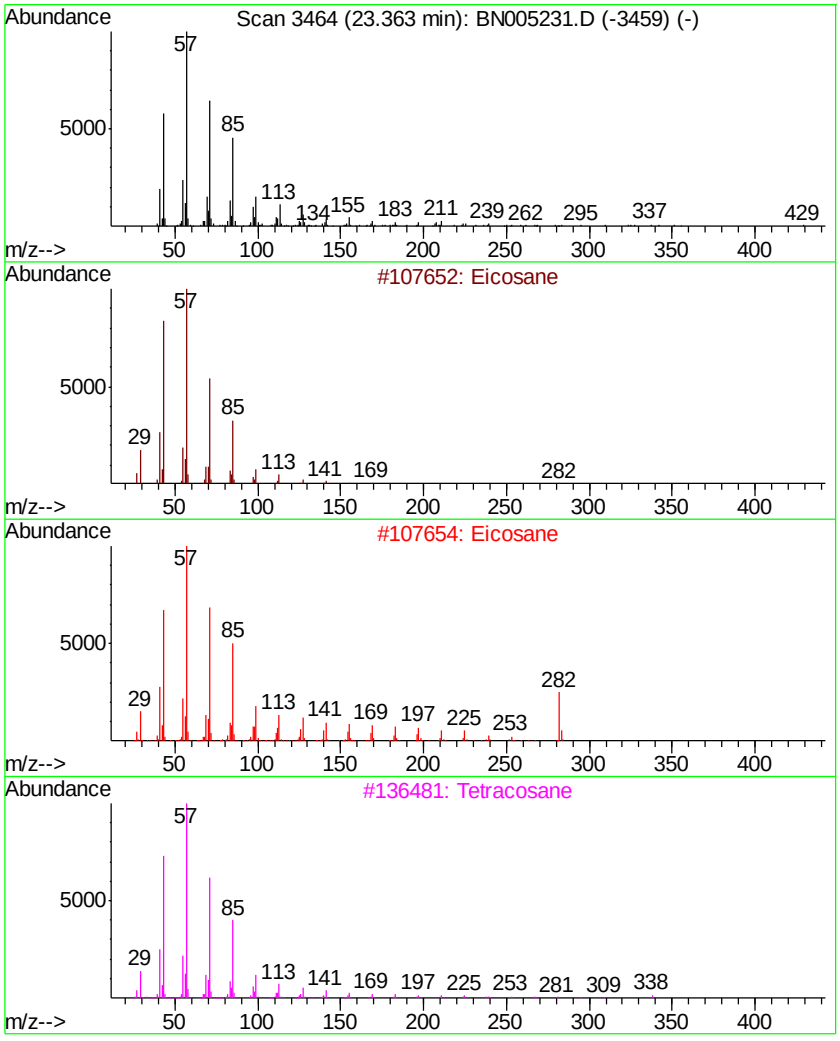
Quant Title : SVOA CALIBRATION

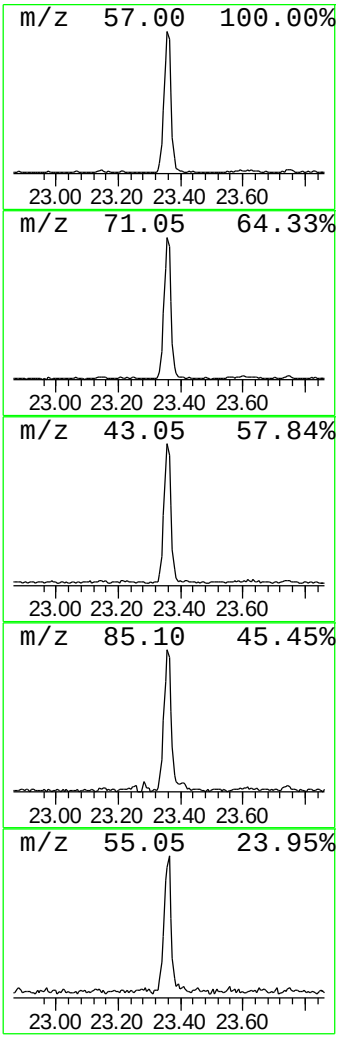
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.52 ng/ul	608504	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Hentriacontane	437	C31H64	000630-04-6	91





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Sample : K2403-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5124

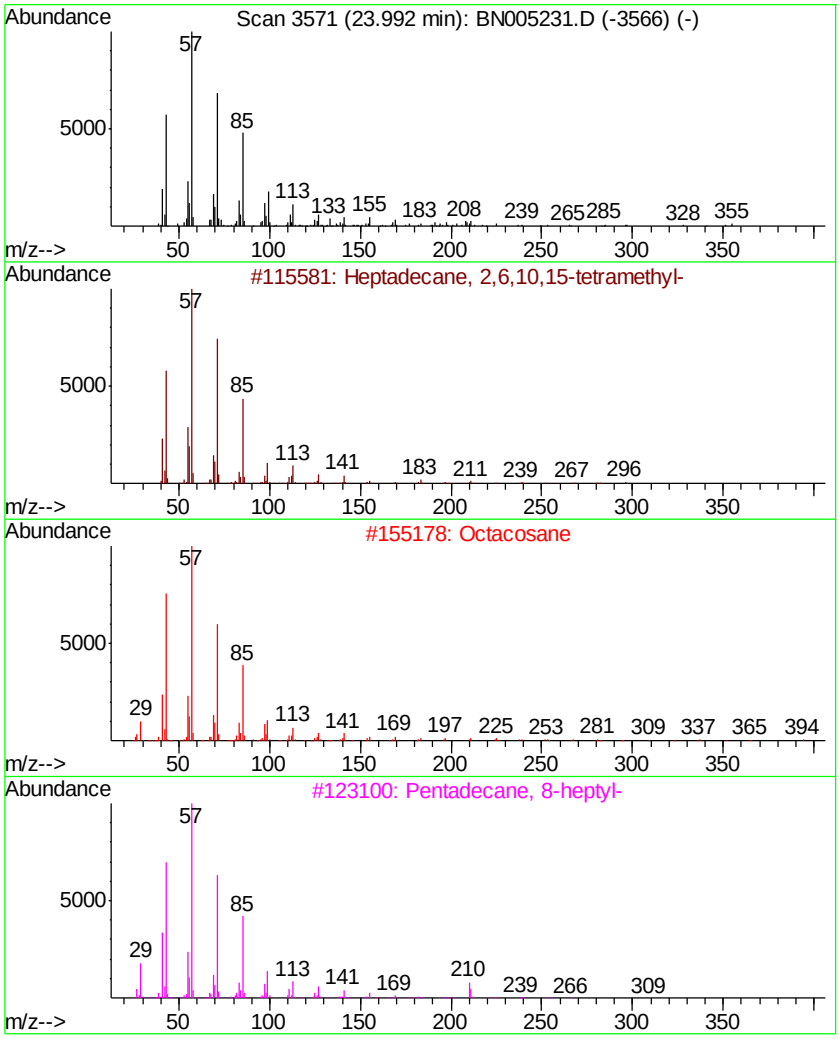
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

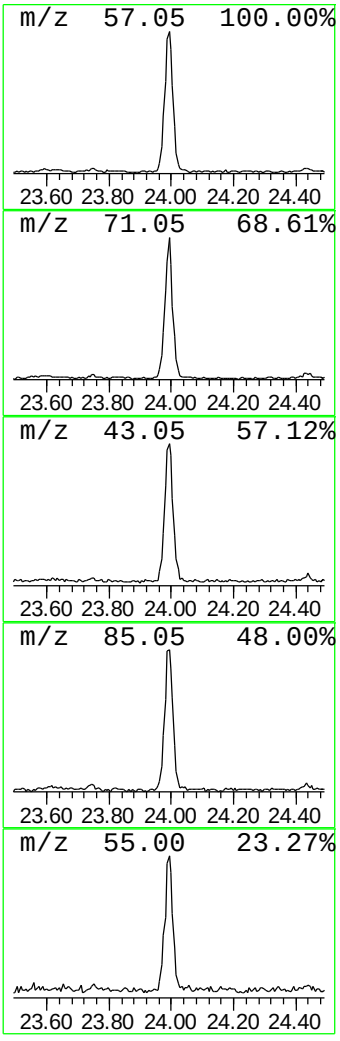
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.29 ng/ul	552631	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





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ALS Vial : 20 Sample Multiplier: 1

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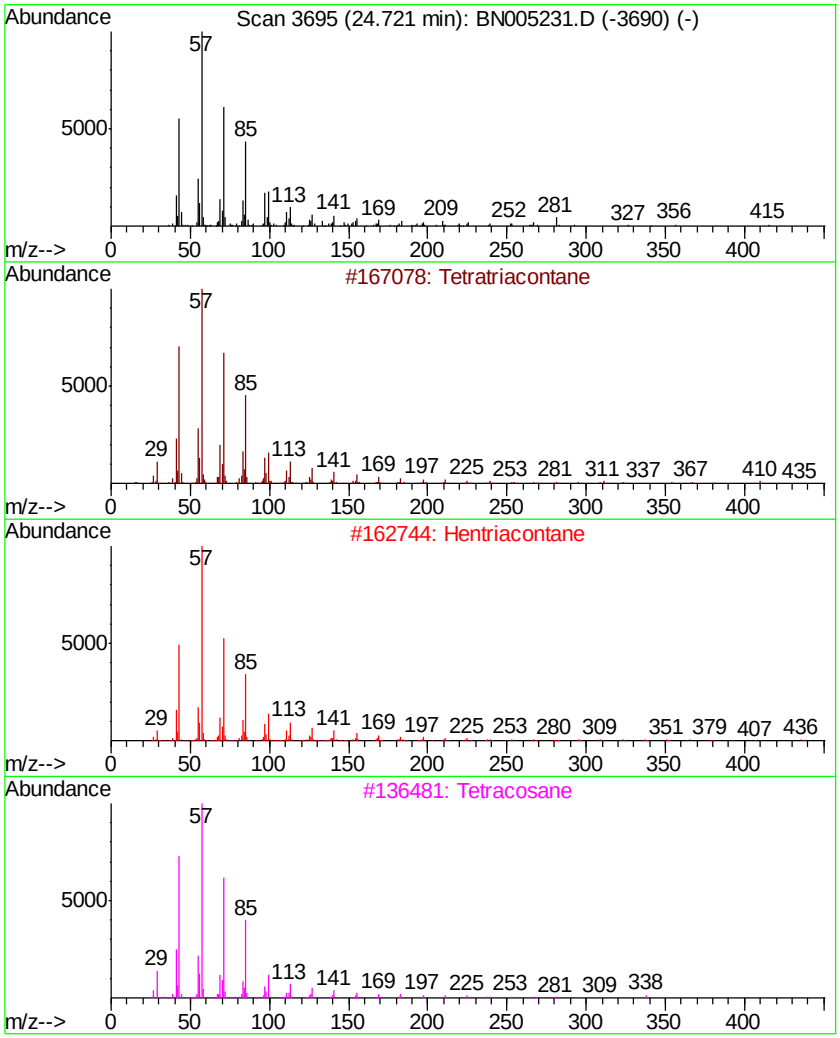
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

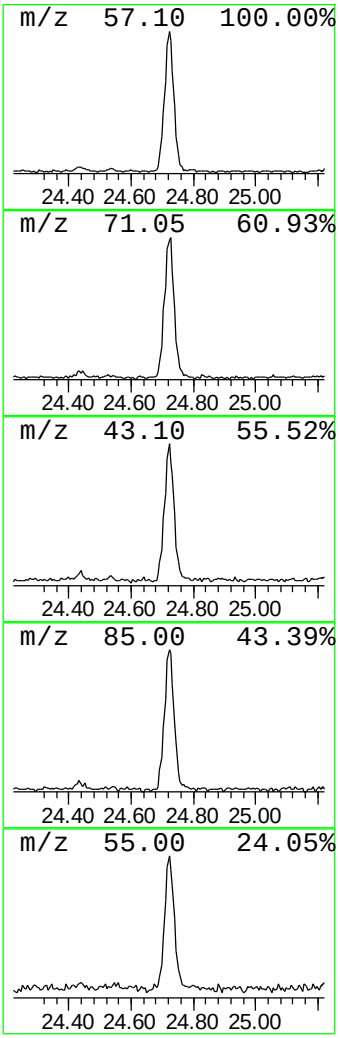
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	2.10 ng/ul	508271	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Octadecane	254	C18H38	000593-45-3	87





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : K2403-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
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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	3.2	ng/ul	458115	1	7.60	2868980	20.0
Ethanol, 2-butoxy-	5.72	4.4	ng/ul	636211	1	7.60	2868980	20.0
1-Hexanol, 2-ethyl-	7.66	2.7	ng/ul	390059	1	7.60	2868980	20.0
Benzyl Alcohol	7.83	5.8	ng/ul	839440	1	7.60	2868980	20.0
Phenol, 2-methoxy-	8.68	6.5	ng/ul	938162	1	7.60	2868980	20.0
Ethanol, 2-(hexyl...	8.91	5.0	ng/ul	717302	1	7.60	2868980	20.0
Pentanedioic acid...	9.30	3.3	ng/ul	668657	2	10.36	4074550	20.0
unknown-01	9.63	7.8	ng/ul	1592140	2	10.36	4074550	20.0
2-Propanol, 1-(2-...	9.88	8.2	ng/ul	1665380	2	10.36	4074550	20.0
Propanoic acid, 2...	12.58	2.6	ng/ul	657744	3	14.23	4990980	20.0
Propanoic acid, 2...	12.84	4.2	ng/ul	1057430	3	14.23	4990980	20.0
Vanillin	13.15	5.0	ng/ul	1249640	3	14.23	4990980	20.0
7,9-Di-tert-butyl...	17.67	14.1	ng/ul	3677370	4	16.98	5231840	20.0
(DEL) Alkane: Str...	23.36	2.5	ng/ul	608504	6	23.41	4831330	20.0
(DEL) Alkane: Str...	23.99	2.3	ng/ul	552631	6	23.41	4831330	20.0
(DEL) Alkane: Str...	24.72	2.1	ng/ul	508271	6	23.41	4831330	20.0