LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

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_G\METHODS\SOM-EPA-BG080319MA.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	3.146	5	10	27	rVB	631021	1007454	54.79%	3.871%
2	3.322	36	40	51	rVB	26440	48765	2.65%	0.187%
3	3.410	51	55	61	rBV2	12926	19782	1.08%	0.076%
4	4.068	162	167	173	rBV3	10774	21964	1.19%	0.084%
5	4.174	179	185	194	rVB	20361	34784	1.89%	0.134%
6	4.532	241	246	255	rVB	47062	73140	3.98%	0.281%
7	5.472	398	406	408	rBV	23404	46915	2.55%	0.180%
8	6.054	496	505	514	rBV	65317	110087	5.99%	0.423%
9	7.070	667	678	683	rBV2	82631	237037	12.89%	0.911%
10	7.123	683	687	690	rBV2	12563	18045	0.98%	0.069%
11	7.176	690	696	698	rBV2	72481	121201	6.59%	0.466%
12	7.341	718	724	734	rBV	164703	281305	15.30%	1.081%
13	7.552	752	760	770	rVV	209750	379174	20.62%	1.457%
14	7.711	780	787	800	rVB	148092	239838	13.04%	0.922%
15	8.022	833	840	847	rBV	200128	357375	19.44%	1.373%
16	8.087	847	851	857	rVB	36198	60770	3.31%	0.234%
17	8.610	935	940	948	rBV3	19863	41918	2.28%	0.161%
18	8.733	954	961	965	rBV	163750	324686	17.66%	1.248%
19	8.880	984	986	994	rVB3	13107	20594	1.12%	0.079%
20	9.186	1031	1038	1050	rBV	216574	423430	23.03%	1.627%
21	9.356	1058	1067	1077	rBV2	376139	666312	36.24%	2.560%
22	9.450	1078	1083	1090	rVB7	8142	19741	1.07%	0.076%
23	9.638	1111	1115	1124	rBV5	17135	35204	1.91%	0.135%
24	9.920	1154	1163	1171	rBV	199447	369449	20.09%	1.420%
25	10.214	1207	1213	1218	rVV2	24760	45395	2.47%	0.174%
26	10.367	1233	1239	1249	rVV	129303	295952	16.10%	1.137%
27	10.466	1249	1256	1275	rVV	336990	680249	37.00%	2.614%
28	10.625	1275	1283	1287	rVV2	22948	48372	2.63%	0.186%
29	10.696	1290	1295	1301	rVV	26431	45937	2.50%	0.177%
30	10.848	1313	1321	1328	rBV	308482	552365	30.04%	2.123%
31	10.937	1328	1336	1345	rVB	396119	641660	34.90%	2.466%
32	11.501	1428	1432	1440	rVB4	13604	31463	1.71%	0.121%
33	11.747	1469	1474	1483	rBV7	12443	33521	1.82%	0.129%
34	11.882	1491	1497	1515	rVV3	134566	330304	17.96%	1.269%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	12.094	1528	1533	1538	rVB7	11991	25884	1.41%	0.099%
36	12.182	1542	1548	1559	rVB	42363	76657	4.17%	0.295%
37	12.323	1568	1572	1579	rBV4	15014	30538	1.66%	0.117%
38	12.400	1579	1585	1589	rVV2	97783	148438	8.07%	0.570%
39	12.441	1589	1592	1597	rVB3	17208	23426	1.27%	0.090%
40	12.969	1675	1682	1690	rBV3	8674	21771	1.18%	0.084%
41	13.046	1690	1695	1701	rBV4	16422	35374	1.92%	0.136%
42	13.128	1701	1709	1714	rVV2	23655	54739	2.98%	0.210%
43	13.199	1714	1721	1728	rVV4	41691	107059	5.82%	0.411%
44	13.293	1733	1737	1745	rVB4	29502	55855	3.04%	0.215%
45	13.451	1757	1764	1772	rBV	33057	65172	3.54%	0.250%
46	13.580	1781	1786	1790	rBV	24703	35358	1.92%	0.136%
47	13.675	1798	1802	1806	rVB2	15883	21530	1.17%	0.083%
48	13.845	1827	1831	1835	rVV	12899	20372	1.11%	0.078%
49	13.915	1837	1843	1850	rVV6	24253	54640	2.97%	0.210%
50	14.086	1865	1872	1876	rBV	647674	963890	52.42%	3.704%
51	14.127	1876	1879	1886	rVB	67145	93369	5.08%	0.359%
52	14.221	1889	1895	1904	rBV2	96733	177185	9.64%	0.681%
53	14.333	1904	1914	1916	rBV5	38692	76190	4.14%	0.293%
54	14.380	1916	1922	1928	rVV	698251	1154822	62.81%	4.438%
55	14.685	1967	1974	1983	rVB2	512528	827573	45.01%	3.180%
56	14.873	2001	2006	2017	rVB2	61452	131102	7.13%	0.504%
57	15.096	2038	2044	2050	rBV7	23897	46606	2.53%	0.179%
58	15.273	2070	2074	2081	rVB7	14960	28404	1.54%	0.109%
59	15.420	2095	2099	2104	rBV	14953	21761	1.18%	0.084%
60	15.490	2105	2111	2116	rVV2	50556	86524	4.71%	0.332%
61	15.678	2136	2143	2152	rVB	989163	1499004	81.53%	5.760%
62	15.790	2156	2162	2169	rBV	265718	407803	22.18%	1.567%
63	15.878	2174	2177	2181	rVV3	17125	25156	1.37%	0.097%
64	15.919	2181	2184	2191	rVB5	14640	22035	1.20%	0.085%
65	15.984	2191	2195	2201	rBV2	14648	25205	1.37%	0.097%
66	16.183	2224	2229	2235	rVB2	18247	37148	2.02%	0.143%
67	16.260	2236	2242	2246	rBV9	10033	18938	1.03%	0.073%
68	16.524	2283	2287	2293	rVB7	10378	20656	1.12%	0.079%
69	16.677	2309	2313	2316	rBV4	15074	20335	1.11%	0.078%
70	16.830	2335	2339	2344	rBV3	14757	22211	1.21%	0.085%
71	16.924	2351	2355	2361	rBV8	16757	34535	1.88%	0.133%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	17.076	2377	2381	2386	rVV8	12043	18035	0.98%	0.069%
73	17.194	2397	2401	2403	rBV3	23362	30889	1.68%	0.119%
74	17.229	2403	2407	2414	rVB3	40151	66137	3.60%	0.254%
75	17.435	2436	2442	2449	rBV2	622223	963350	52.39%	3.702%
76	17.535	2452	2459	2468	rBV	925023	1473024	80.11%	5.660%
77	17.717	2486	2490	2497	rVB	35964	58693	3.19%	0.226%
78	17.934	2523	2527	2531	rBV	42004	56050	3.05%	0.215%
79	18.105	2552	2556	2564	rVB7	35076	52352	2.85%	0.201%
80	18.334	2590	2595	2602	rBV	374648	529838	28.82%	2.036%
81	18.628	2641	2645	2649	rBV	51438	68299	3.71%	0.262%
82	18.816	2673	2677	2681	rBV6	27965	43438	2.36%	0.167%
83	19.086	2721	2723	2728	rVB3	28412	35701	1.94%	0.137%
84	19.203	2739	2743	2748	rBV5	25768	54697	2.97%	0.210%
85	19.256	2749	2752	2756	rVB	56344	64936	3.53%	0.250%
86	19.456	2783	2786	2788	rBV2	32895	41320	2.25%	0.159%
87	19.603	2806	2811	2822	rBV2	169426	330462	17.97%	1.270%
88	19.826	2843	2849	2853	rBV	1227597	1838657	100.00%	7.065%
89	20.361	2937	2940	2944	rVB	88816	104707	5.69%	0.402%
90	20.860	3022	3025	3027	rVB	78077	78038	4.24%	0.300%
91	21.371	3109	3112	3124	rVB2	227251	448848	24.41%	1.725%
92	21.612	3150	3153	3162	rVB2	137976	245636	13.36%	0.944%
93	21.718	3166	3171	3180	rVB2	649456	1095833	59.60%	4.211%
94	21.924	3203	3206	3213	rVB	159247	256117	13.93%	0.984%
95	22.546	3309	3312	3322	rVB2	133671	215658	11.73%	0.829%
96	23.257	3429	3433	3441	rVB3	129388	249096	13.55%	0.957%
97	24.086	3570	3574	3580	rVB3	131029	263604	14.34%	1.013%
98	24.762	3681	3689	3706	rVB	636777	1799287	97.86%	6.914%
99	24.985	3718	3727	3736	rBV	403091	1160733	63.13%	4.460%
100	26.207	3931	3935	3946	rVB4	66967	199153	10.83%	0.765%

Sum of corrected areas: 26024041

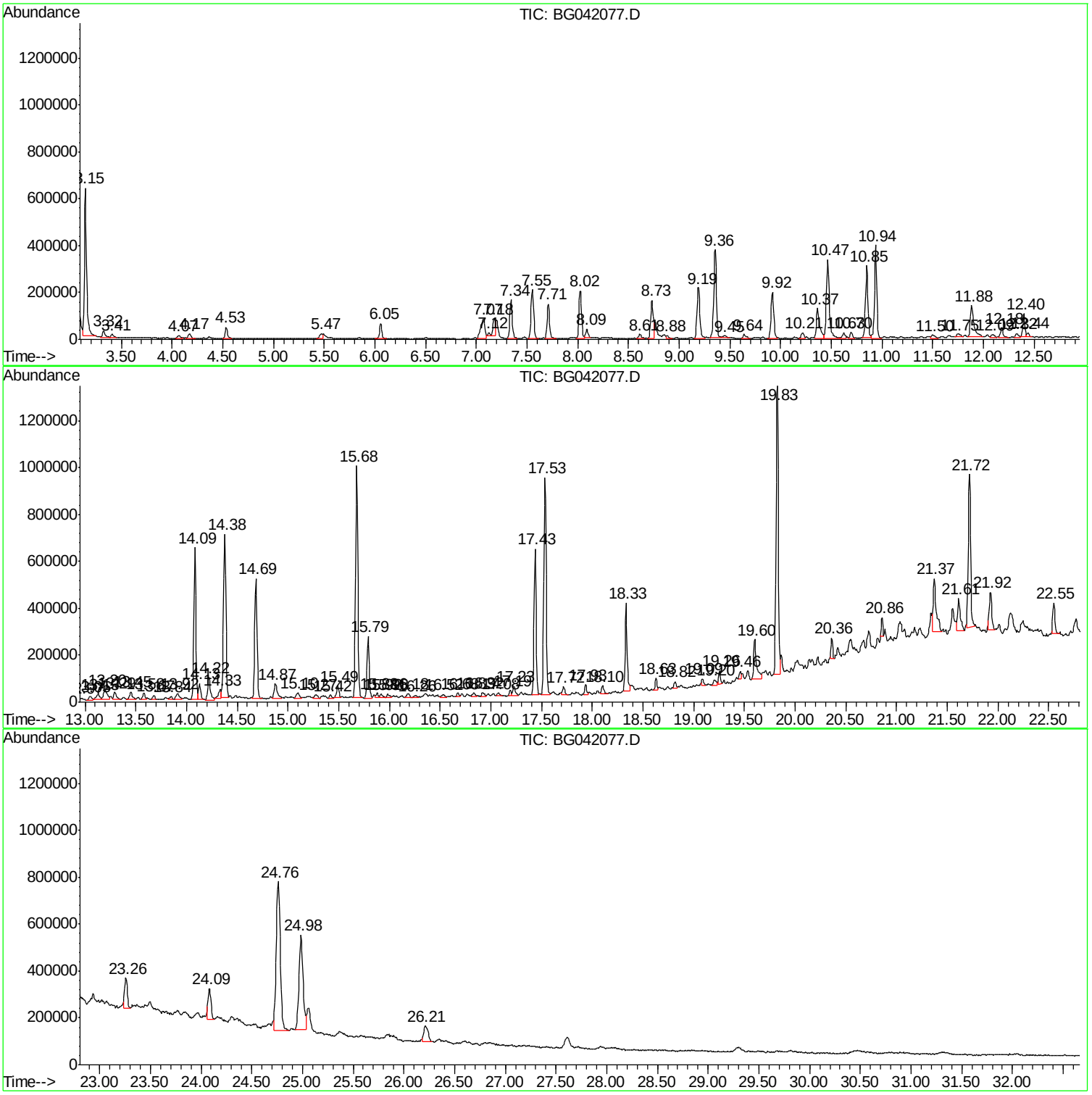
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

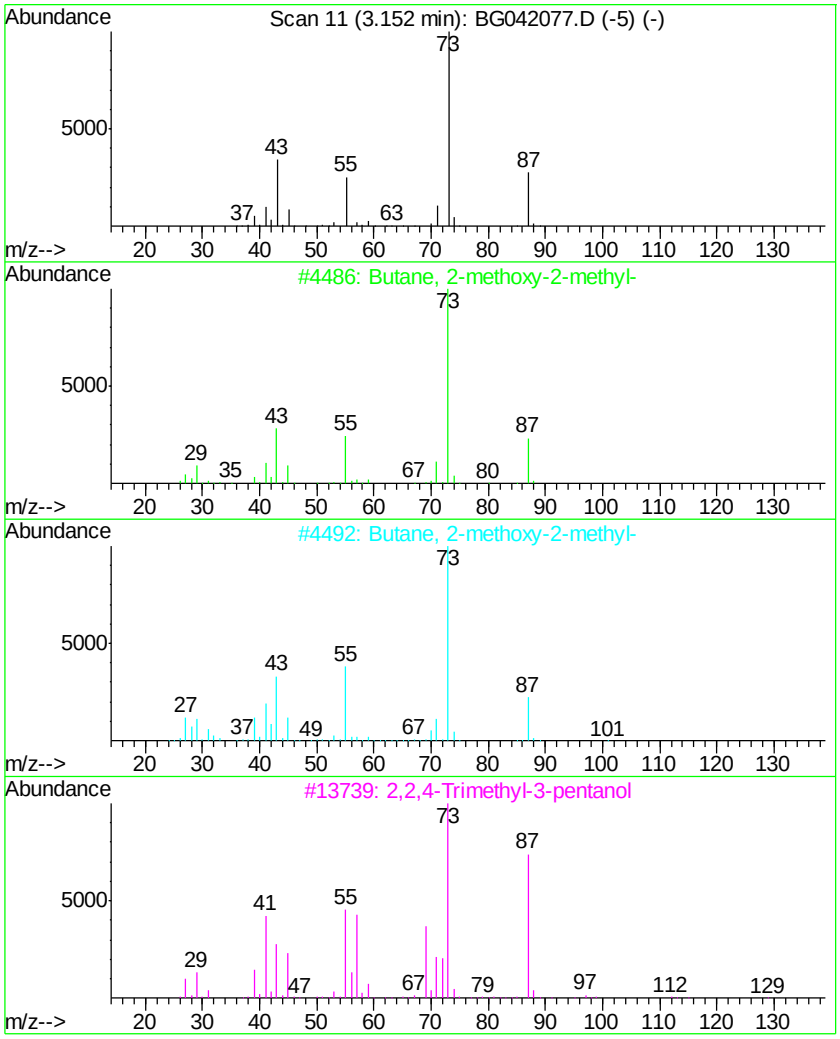
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

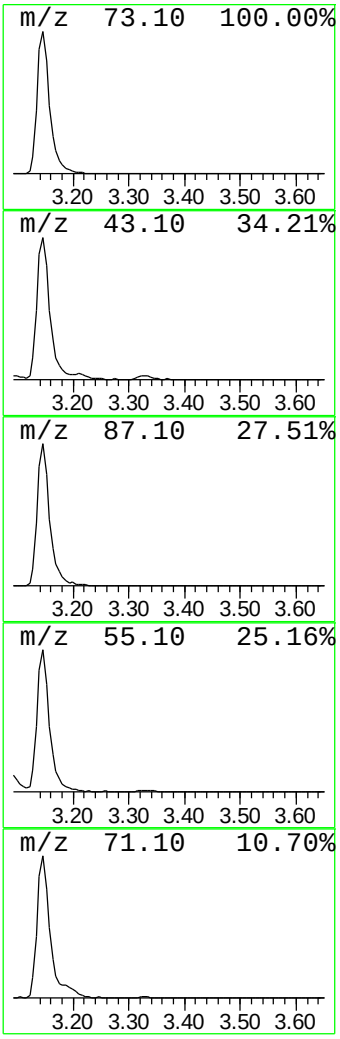
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	56.38 ng/ul	1007450	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

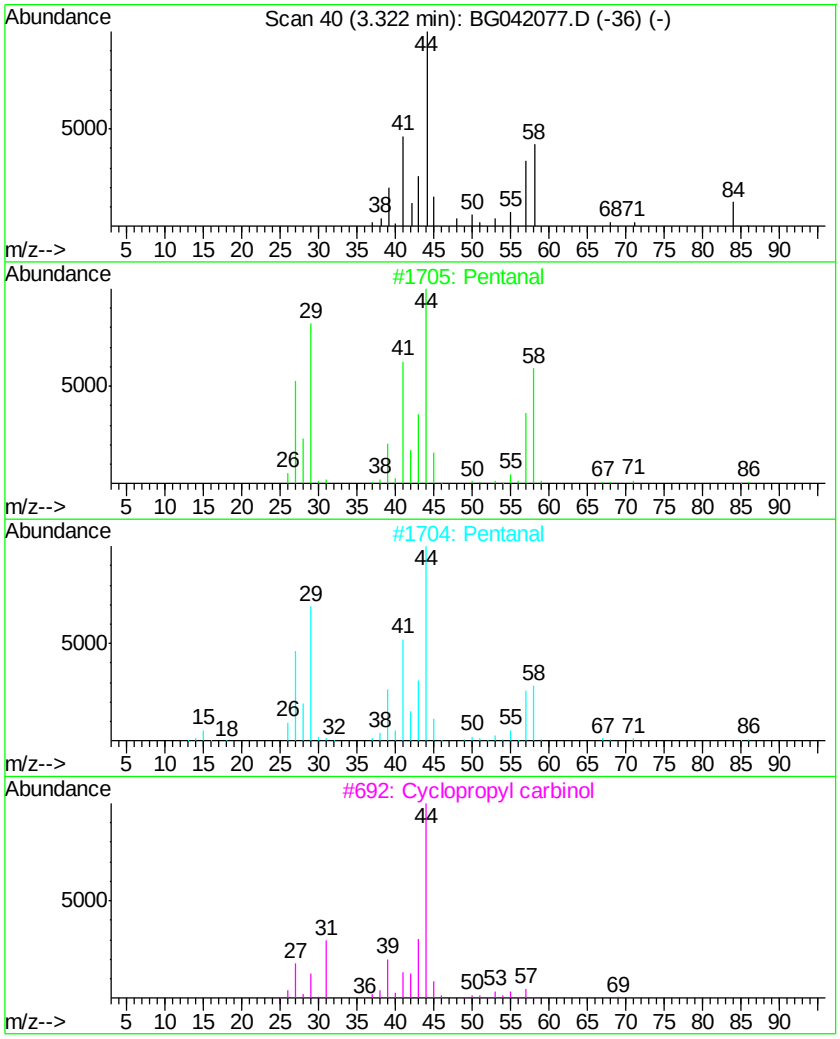
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

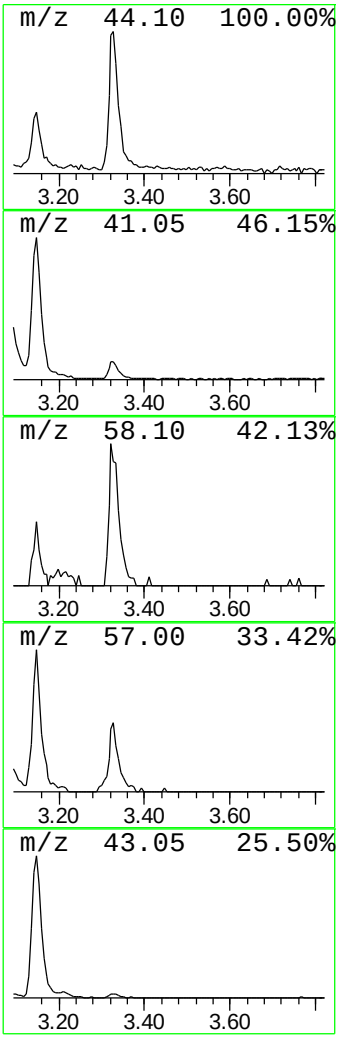
****

Peak Number 2 Pentanal Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	2.73 ng/ul	48765	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	72
2	Pentanal	86	C5H10O	000110-62-3	72
3	Cyclopropyl carbinol	72	C4H8O	002516-33-8	40
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	28
5	Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

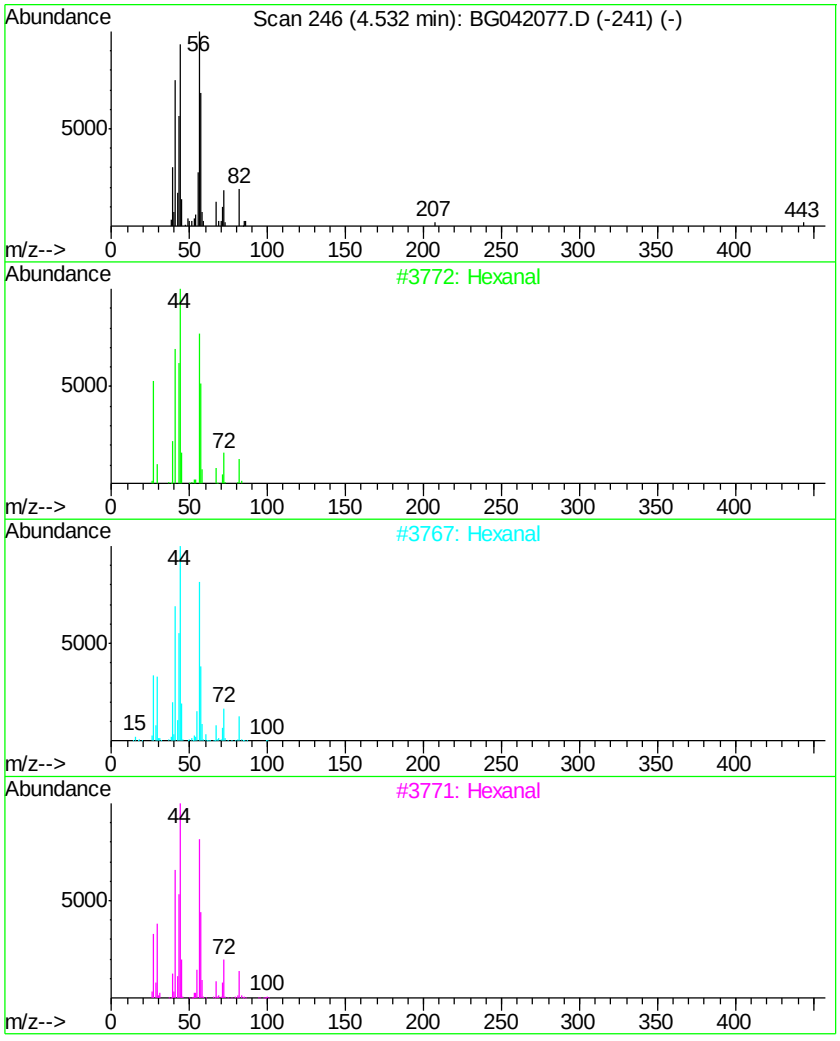
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

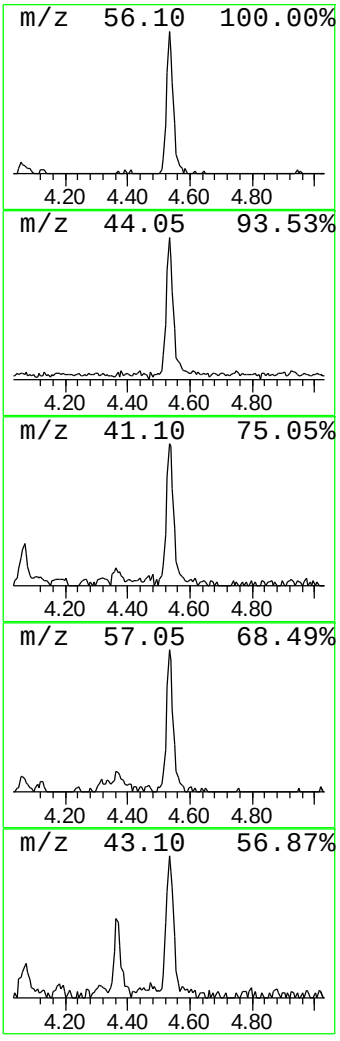
****

Peak Number 3 Hexanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	4.09 ng/ul	73140	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	86
2	Hexanal	100	C6H12O	000066-25-1	53
3	Hexanal	100	C6H12O	000066-25-1	42
4	Hexanal	100	C6H12O	000066-25-1	38
5	Glutaraldehyde	100	C5H8O2	000111-30-8	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

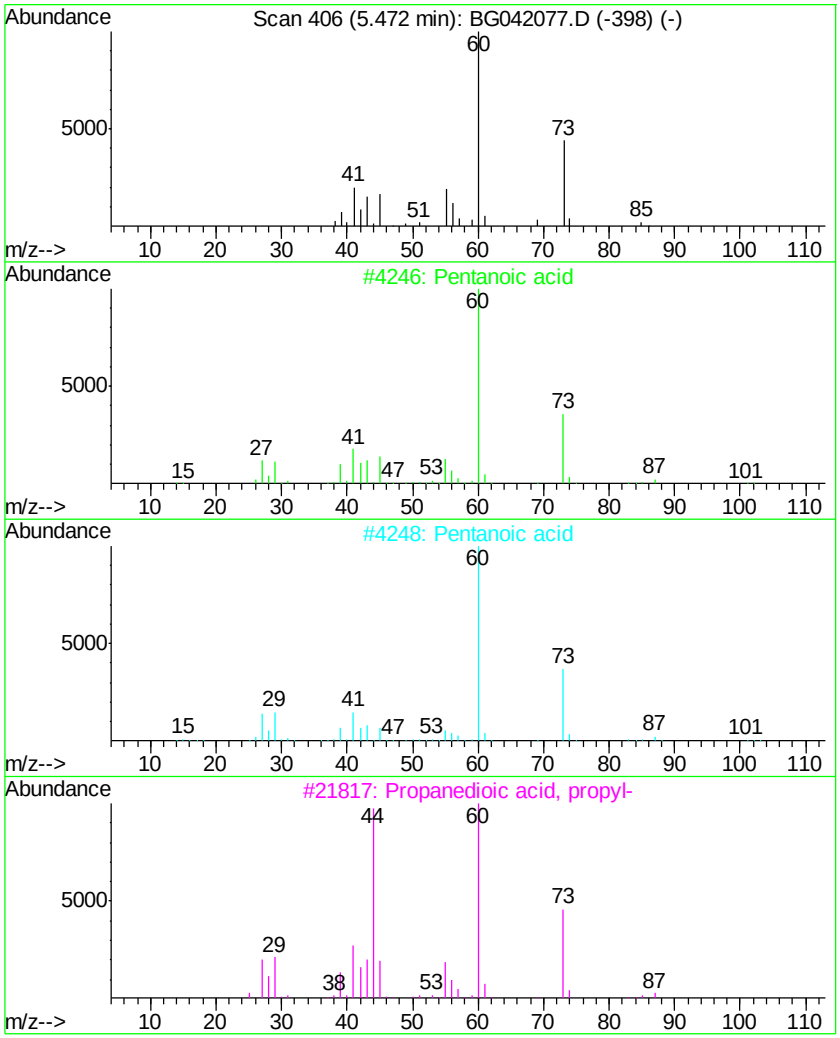
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

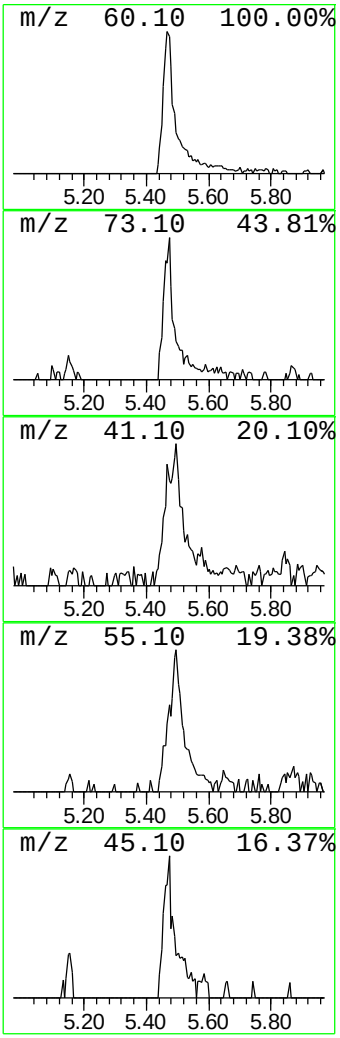
****

Peak Number 4 Pentanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	2.63 ng/ul	46915	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	74
2	Pentanoic acid	102	C5H10O2	000109-52-4	72
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40
4	.beta.-l-Arabinopyranoside, methyl	164	C6H12O5	001825-00-9	39
5	Aminocaproic acid	131	C6H13NO2	000060-32-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

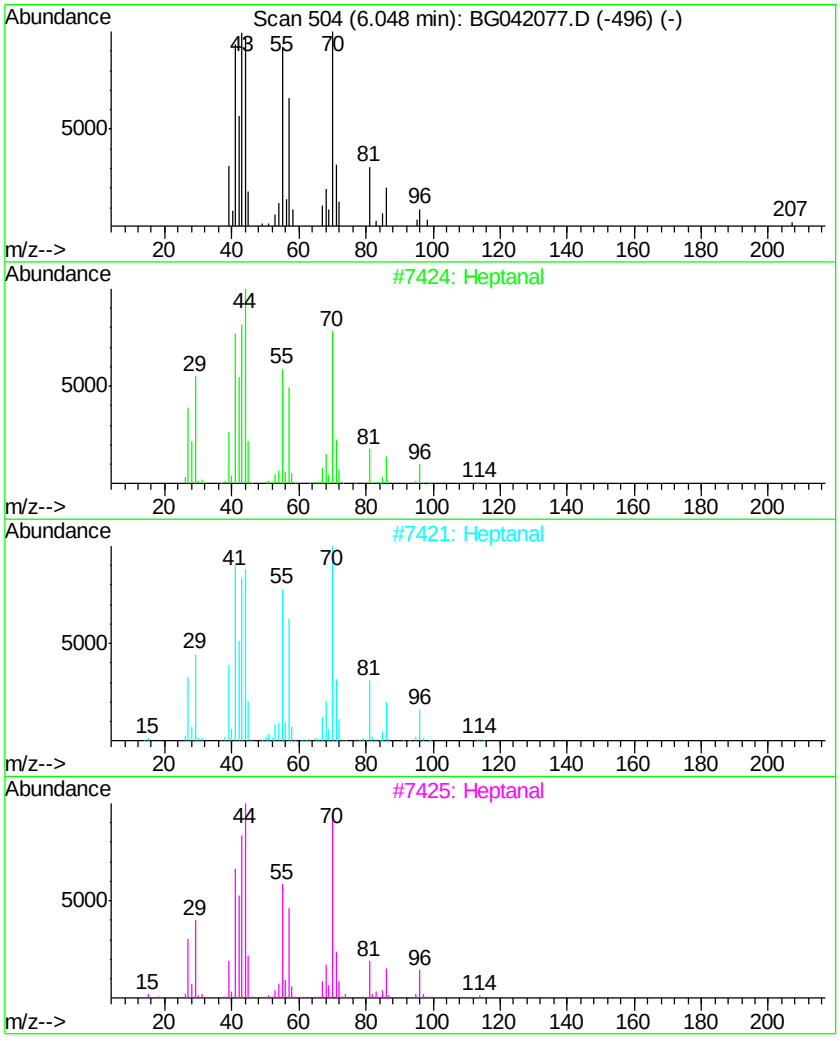
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

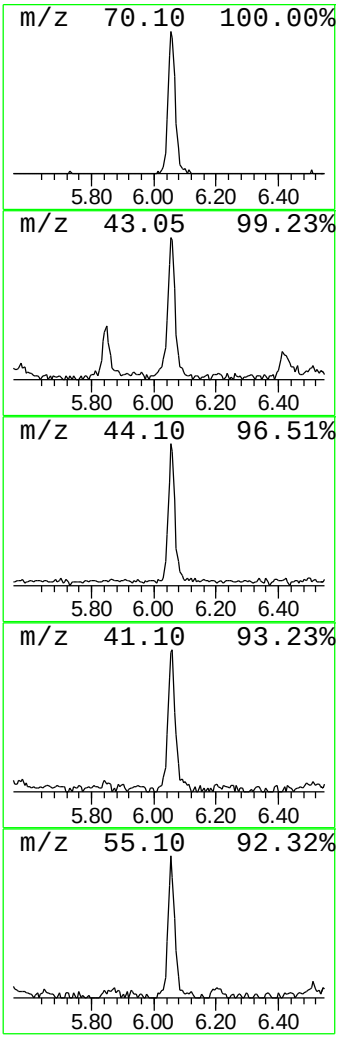
****

Peak Number 5 Heptanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	6.16 ng/ul	110087	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	90
2	Heptanal	114	C7H14O	000111-71-7	80
3	Heptanal	114	C7H14O	000111-71-7	78
4	Heptanal	114	C7H14O	000111-71-7	78
5	Heptanal	114	C7H14O	000111-71-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

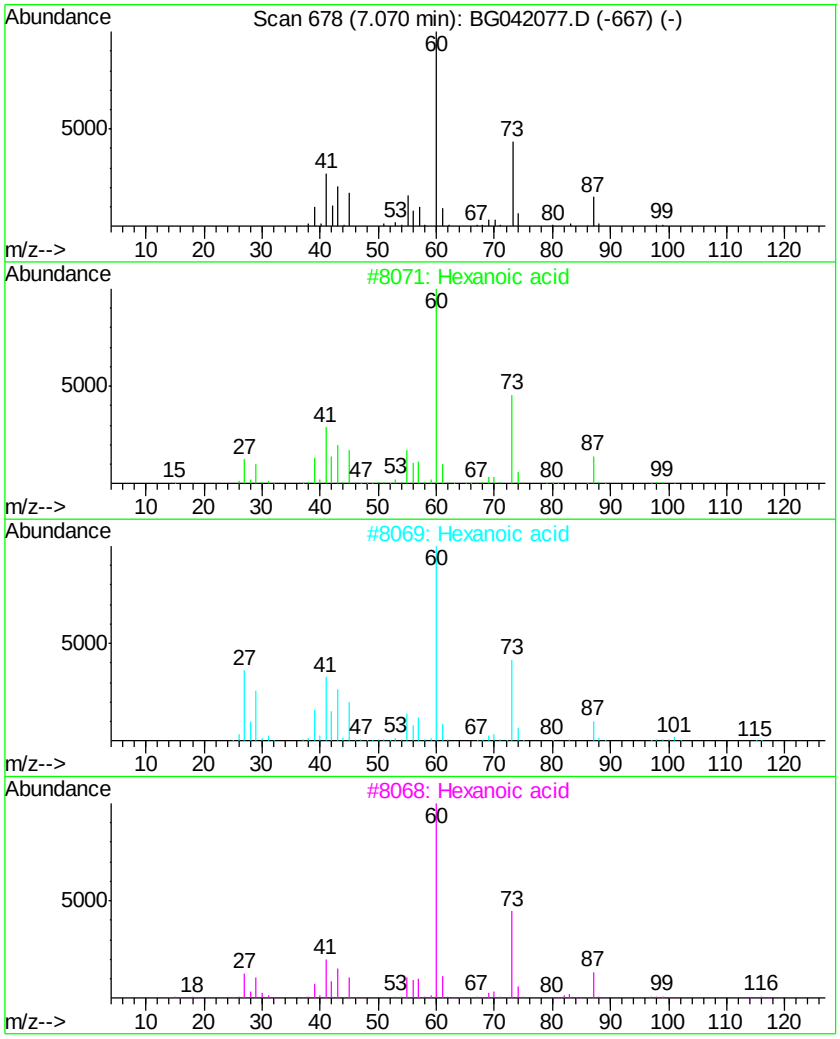
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

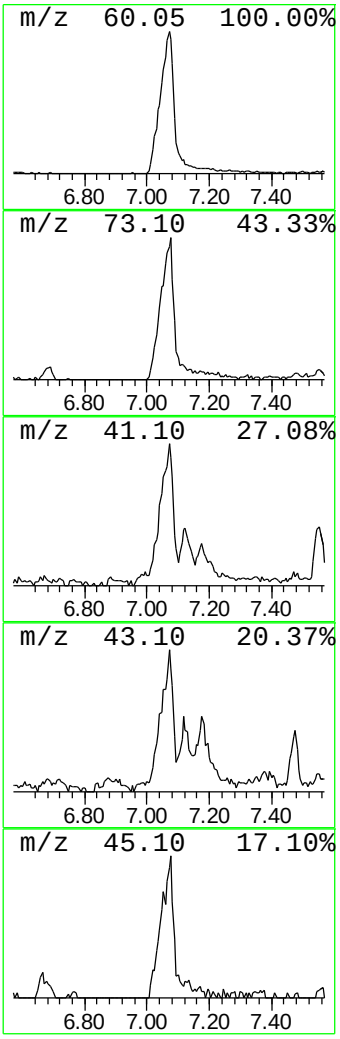
****

Peak Number 6 Hexanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	13.27 ng/ul	237037	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	83
4	Pentanoic acid	102	C5H10O2	000109-52-4	78
5	Pentanoic acid	102	C5H10O2	000109-52-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

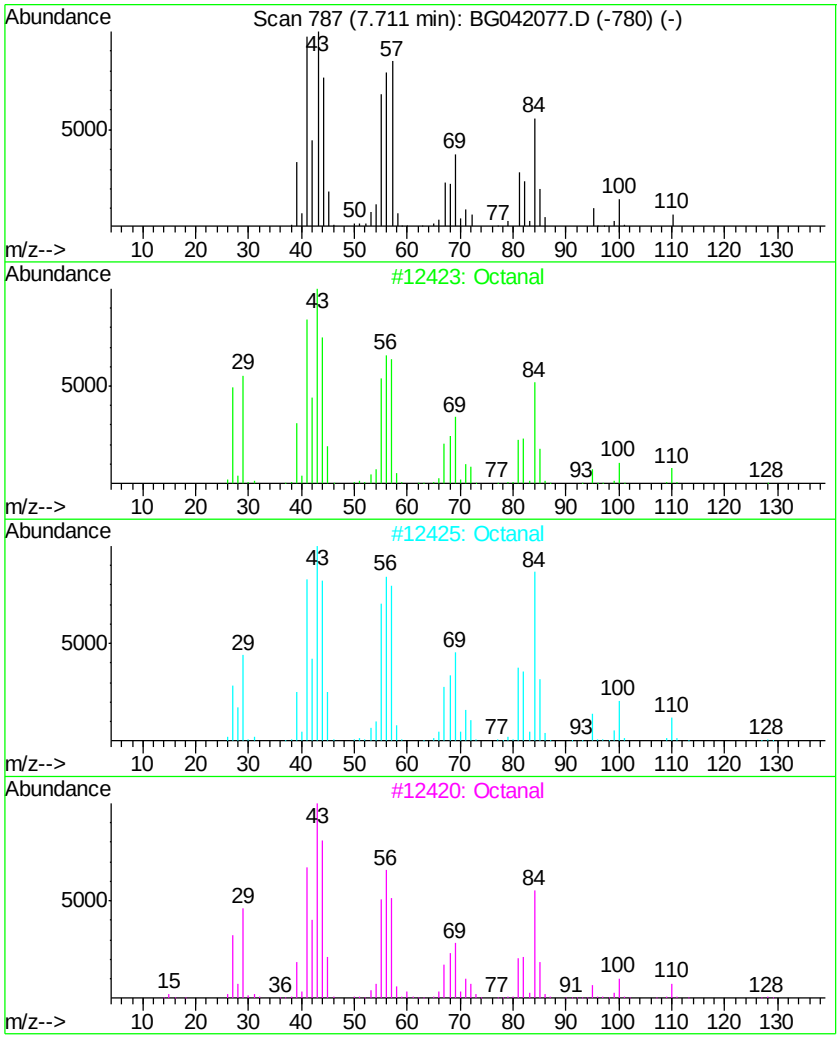
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

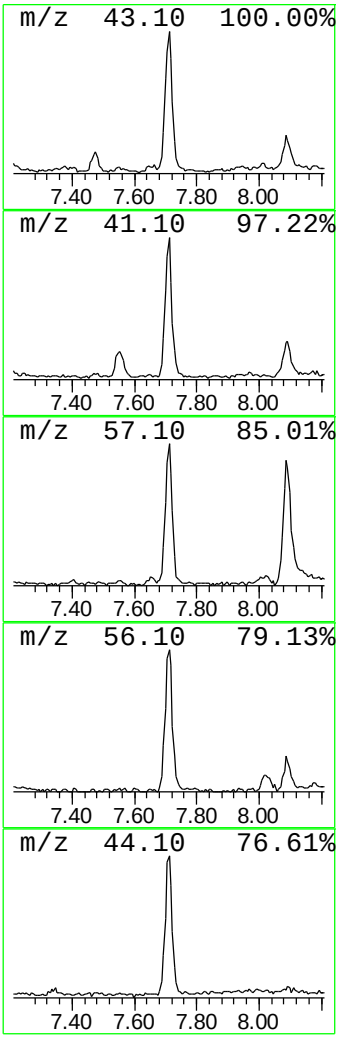
****

Peak Number 7 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	13.42 ng/ul	239838	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	90
4	Octanal	128	C8H16O	000124-13-0	47
5	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

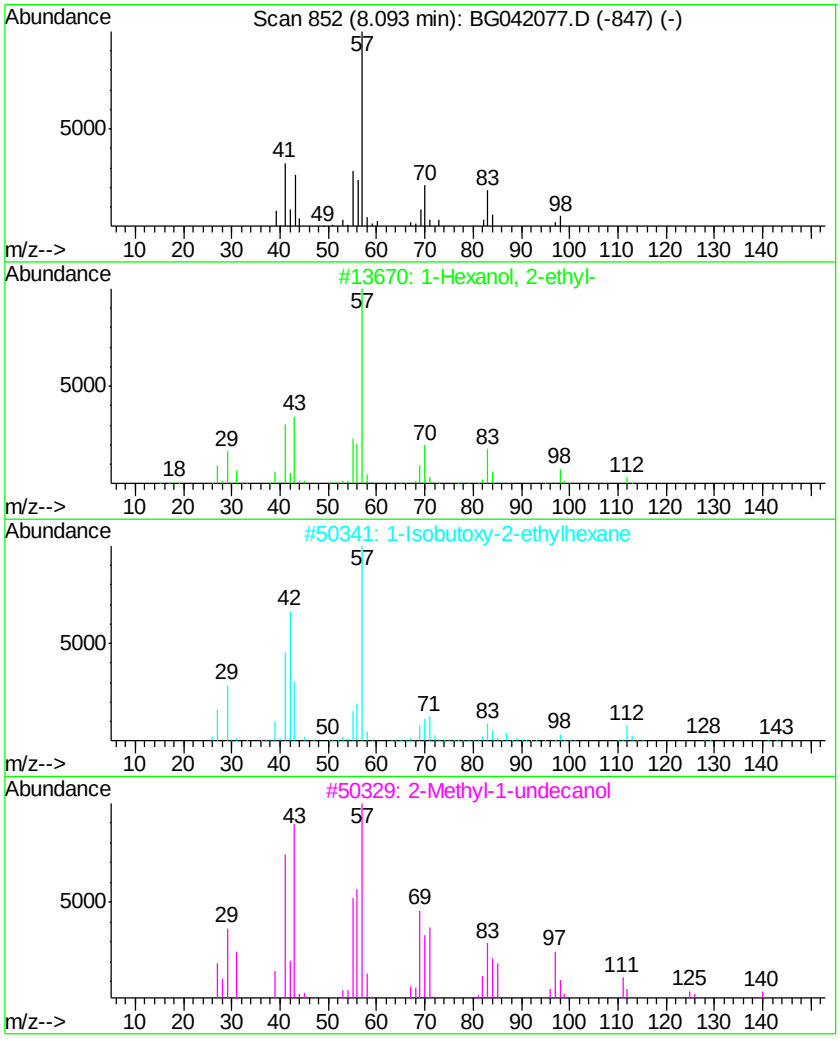
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

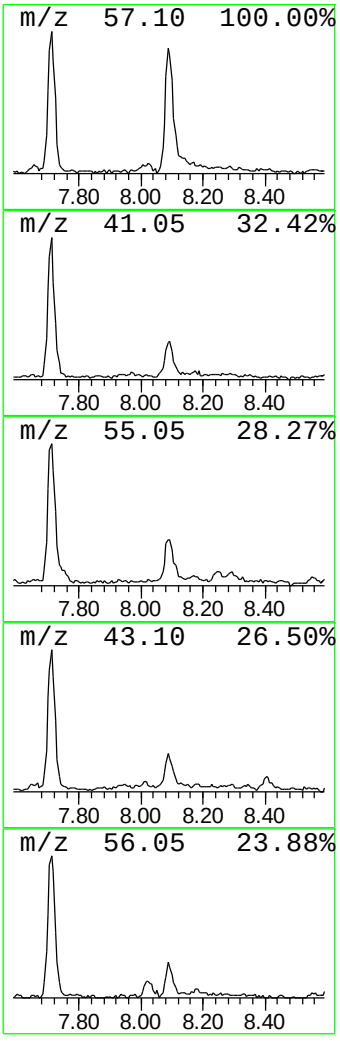
****

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	3.40 ng/ul	60770	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

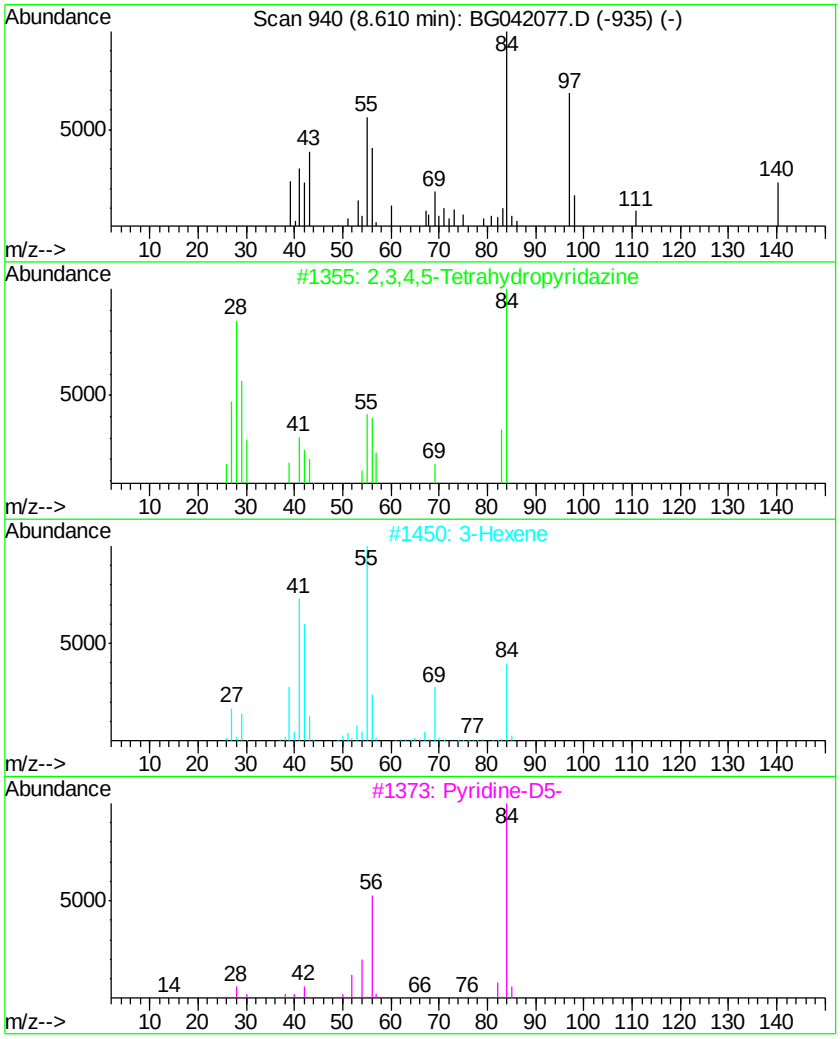
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

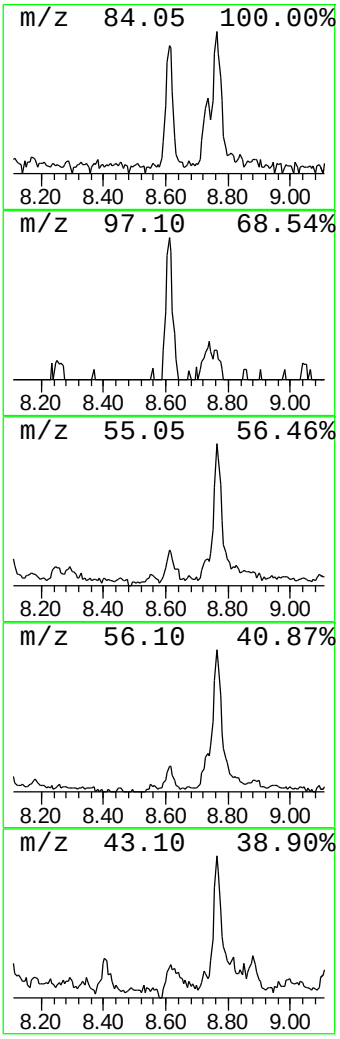
****

Peak Number 9 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.35 ng/ul	41918	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	43
2	3-Hexene	84	C6H12	000592-47-2	38
3	Pyridine-D5-	84	C5D5N	007291-22-7	38
4	2-Methylpiperidine	99	C6H13N	000109-05-7	38
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

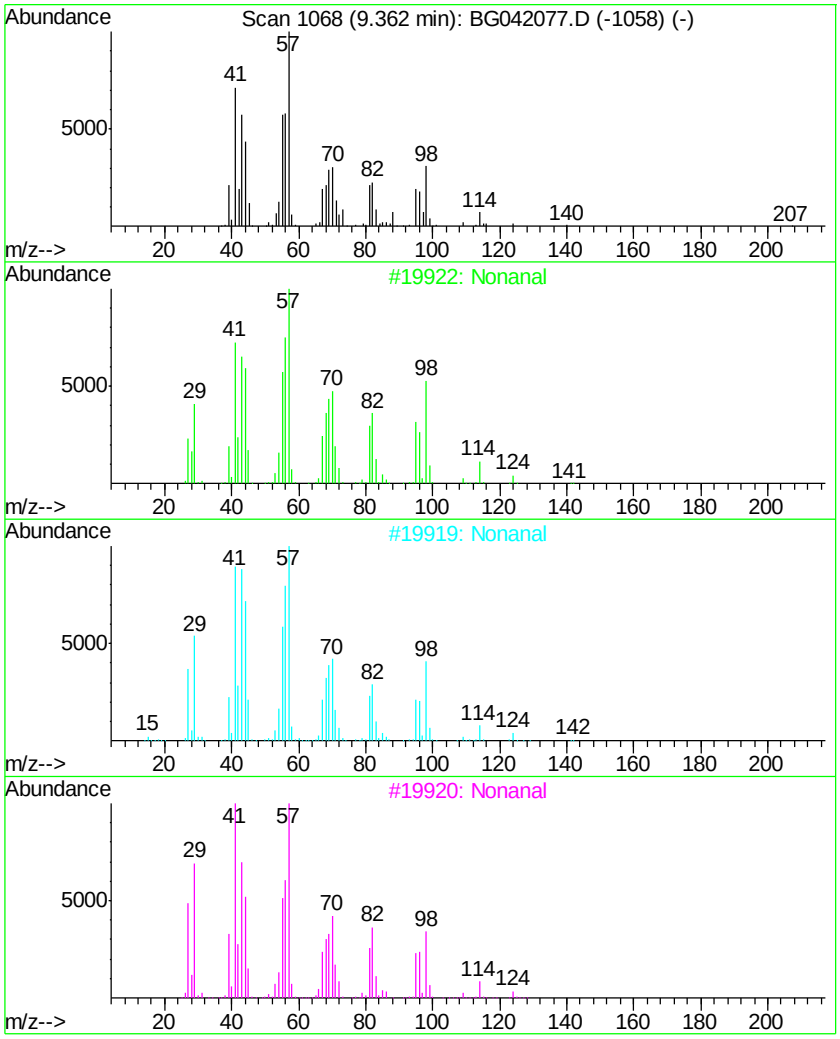
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

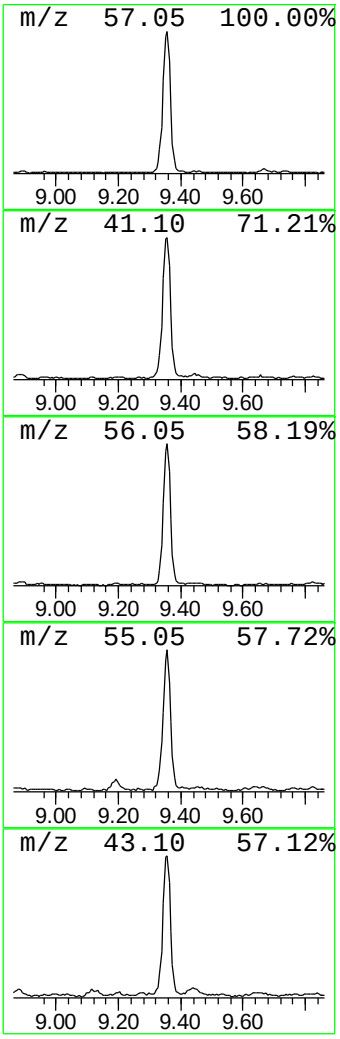
****

Peak Number 10 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	37.29 ng/ul	666312	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	86
2	Nonanal	142	C9H18O	000124-19-6	86
3	Nonanal	142	C9H18O	000124-19-6	64
4	Nonanal	142	C9H18O	000124-19-6	59
5	1,5-Pentanediol	104	C5H12O2	000111-29-5	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

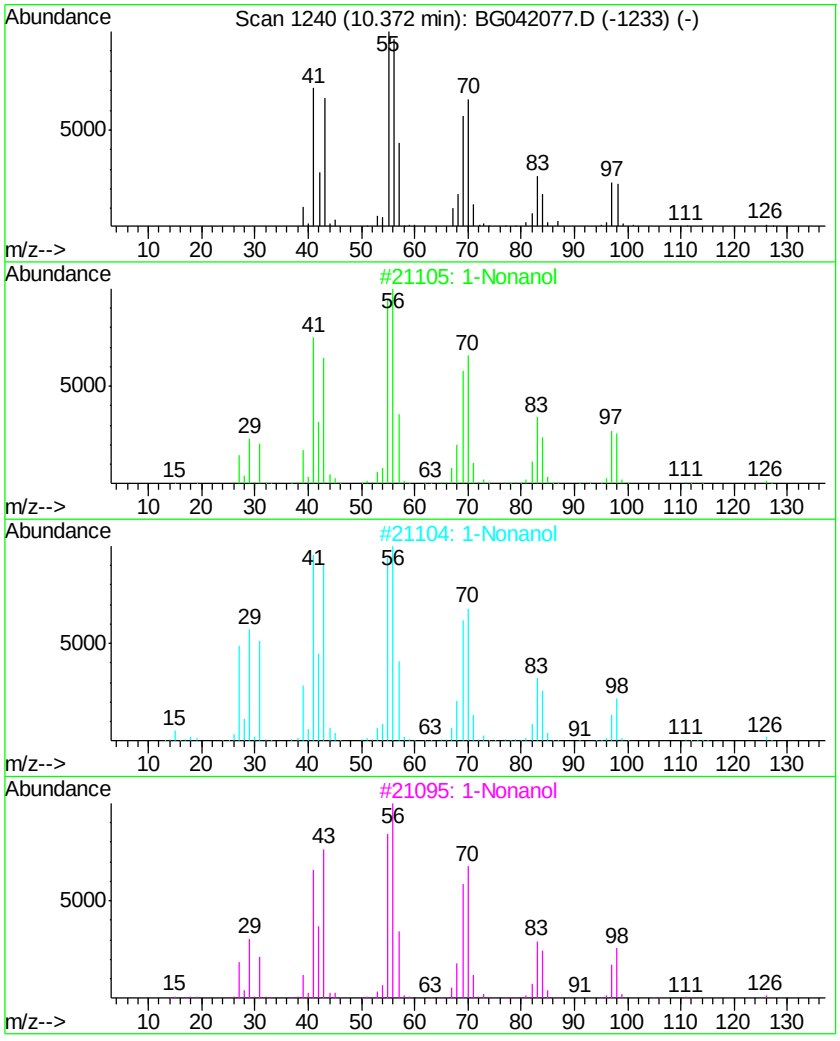
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

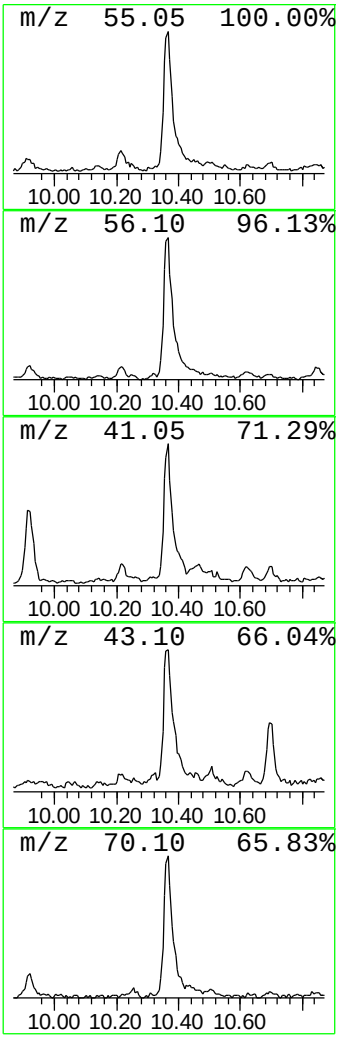
****

Peak Number 11 1-Nonanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	10.72 ng/ul	295952	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	1-Nonanol	144	C9H20O	000143-08-8	91
3	1-Nonanol	144	C9H20O	000143-08-8	90
4	1-Nonanol	144	C9H20O	000143-08-8	80
5	Isopropylcyclobutane	98	C7H14	000872-56-0	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

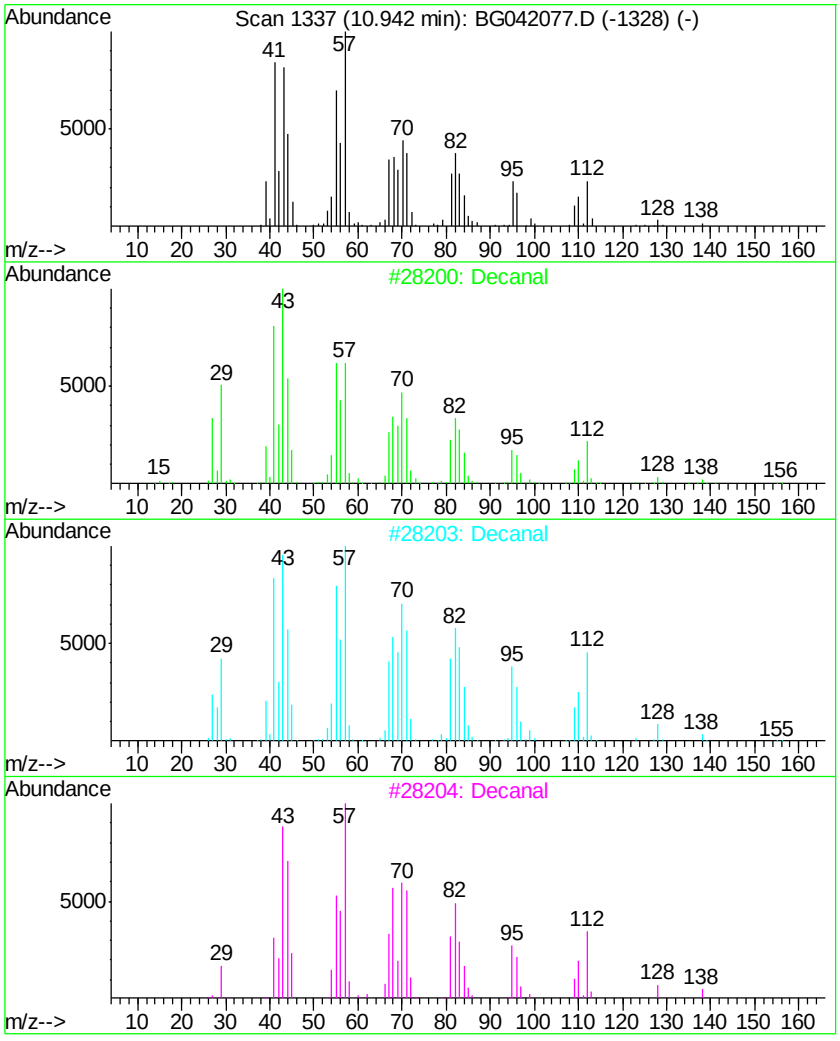
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

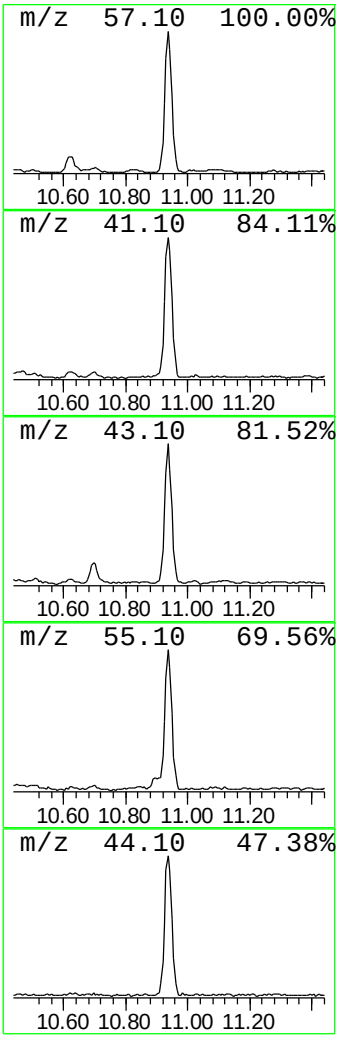
****

Peak Number 12 Decanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	23.23 ng/ul	641660	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal	156	C10H20O	000112-31-2	91
2	Decanal	156	C10H20O	000112-31-2	91
3	Decanal	156	C10H20O	000112-31-2	86
4	4-Octene, (Z)-	112	C8H16	007642-15-1	41
5	2-Octene, (Z)-	112	C8H16	007642-04-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

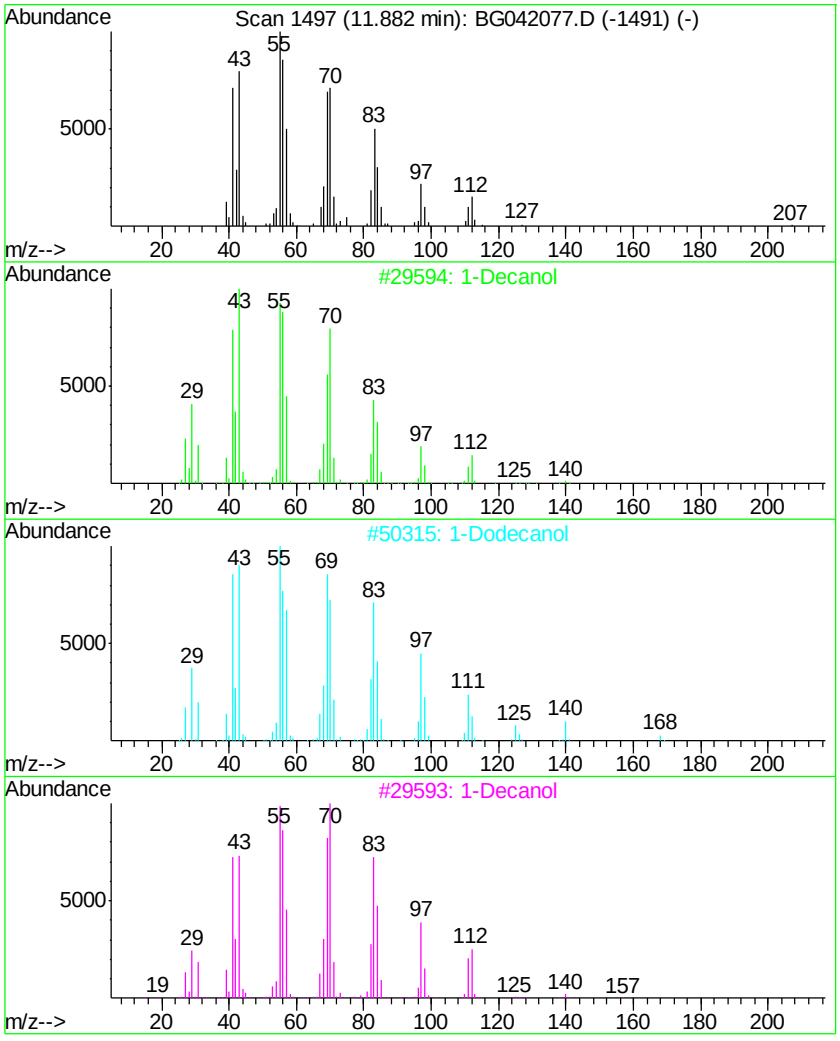
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

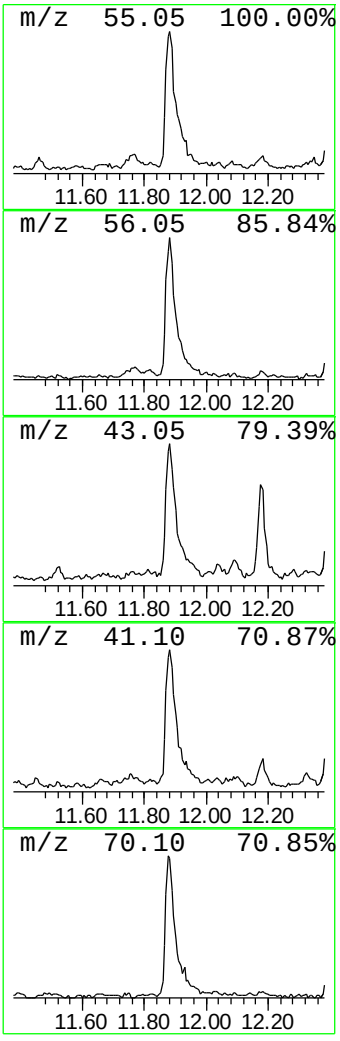
****

Peak Number 13 1-Decanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	11.96 ng/ul	330304	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol	158	C10H22O	000112-30-1	91
2	1-Dodecanol	186	C12H26O	000112-53-8	91
3	1-Decanol	158	C10H22O	000112-30-1	91
4	1-Decanol	158	C10H22O	000112-30-1	91
5	2-Dodecene, (Z)-	168	C12H24	007206-26-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

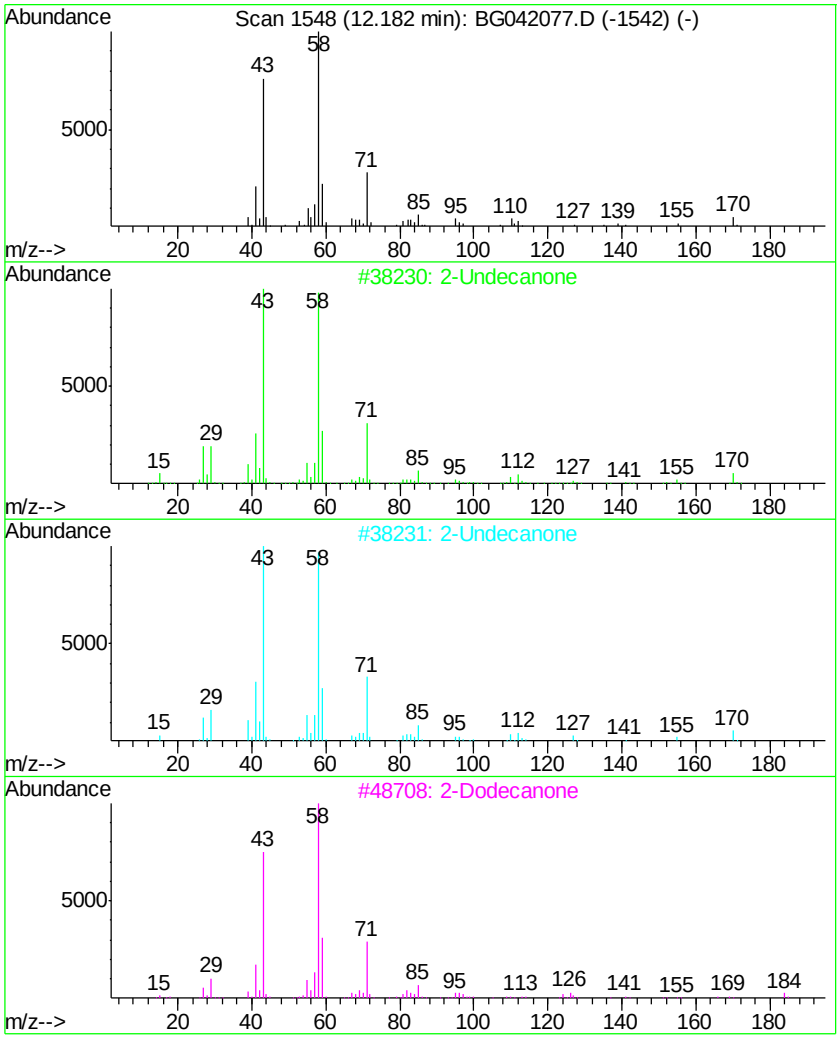
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

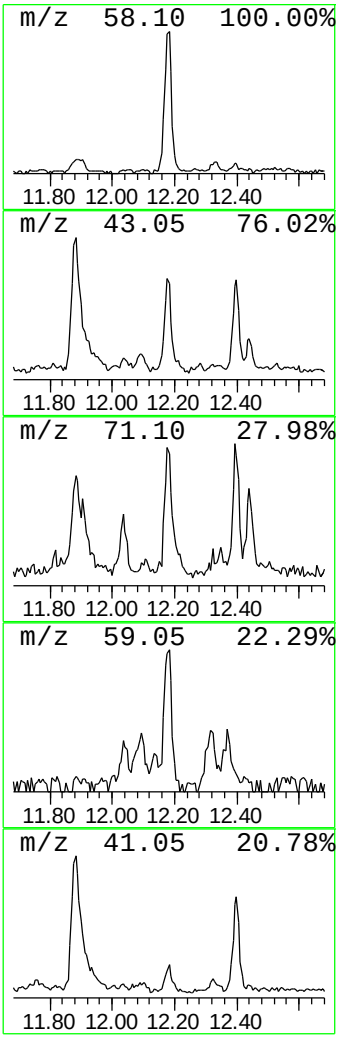
****

Peak Number 14 2-Undecanone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.78 ng/ul	76657	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone	170	C11H22O	000112-12-9	91
2	2-Undecanone	170	C11H22O	000112-12-9	91
3	2-Dodecanone	184	C12H24O	006175-49-1	80
4	2-Tridecanone	198	C13H26O	000593-08-8	72
5	2-Dodecanone	184	C12H24O	006175-49-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

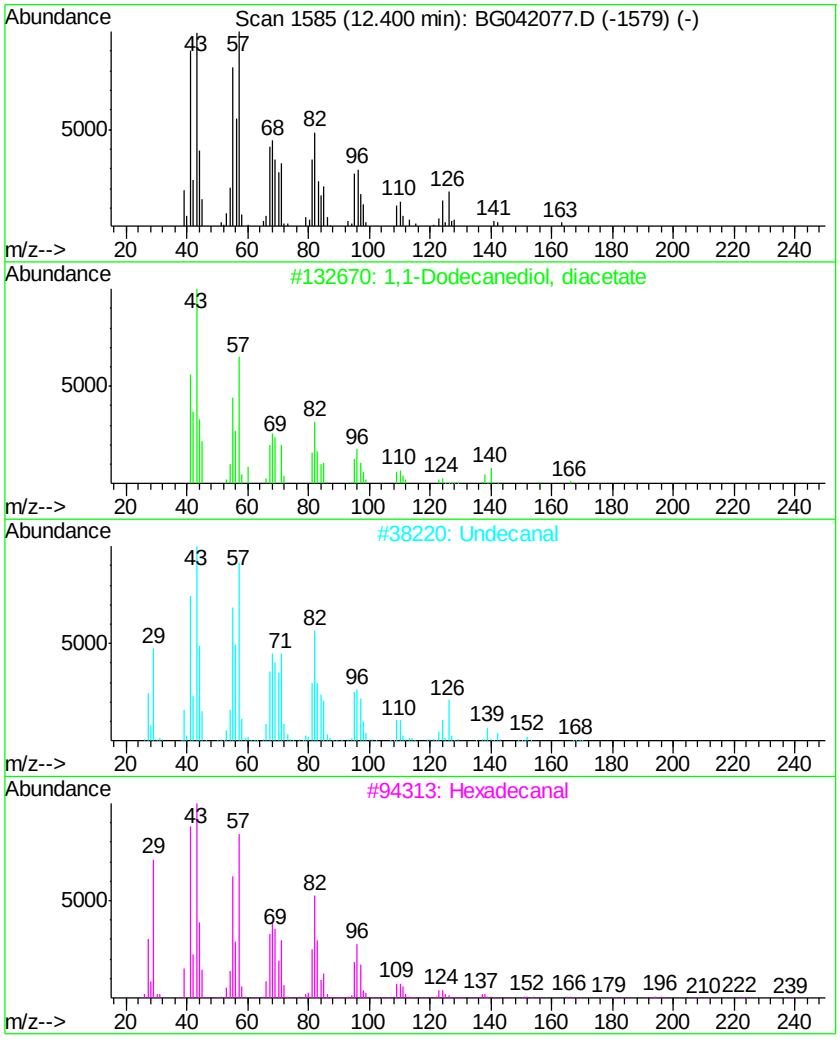
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

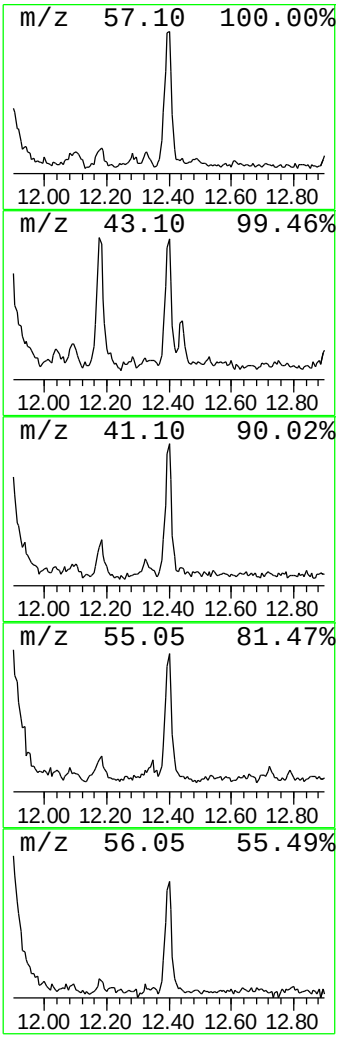
****

Peak Number 15 1,1-Dodecanediol, diacetate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.37 ng/ul	148438	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dodecanediol, diacetate	286	C16H30O4	056438-07-4	68
2	Undecanal	170	C11H22O	000112-44-7	58
3	Hexadecanal	240	C16H32O	000629-80-1	58
4	Undecanal	170	C11H22O	000112-44-7	58
5	Tridecanal	198	C13H26O	010486-19-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

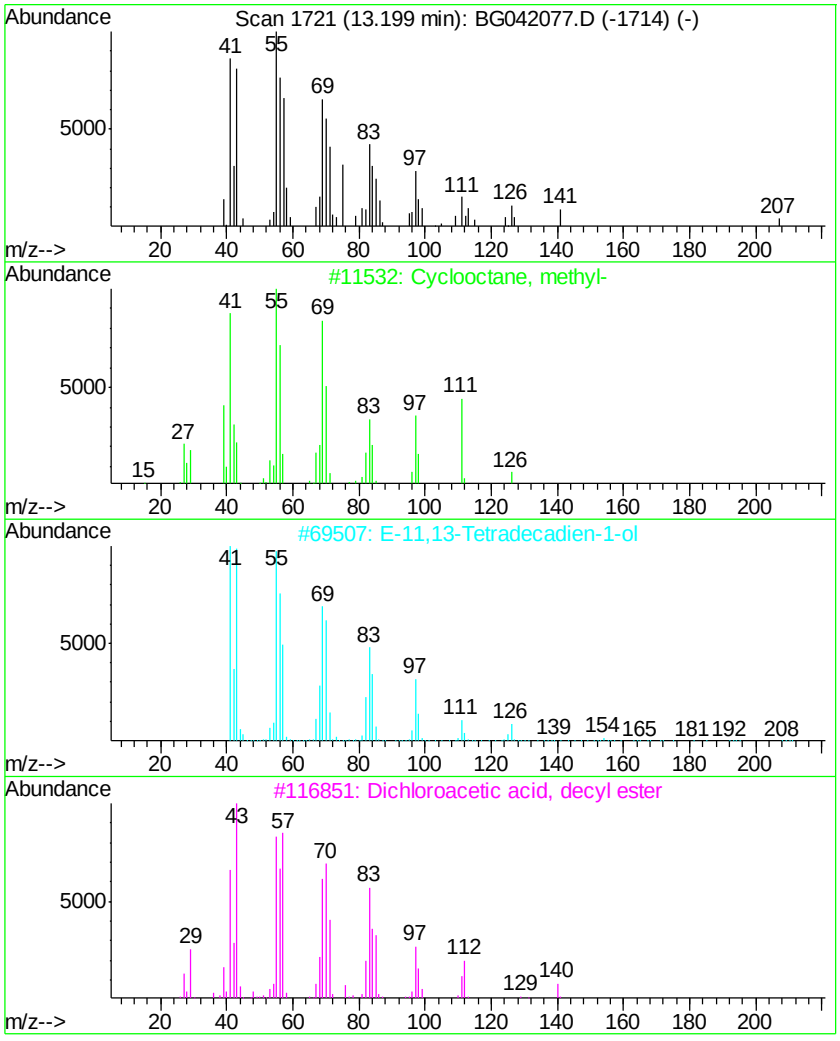
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

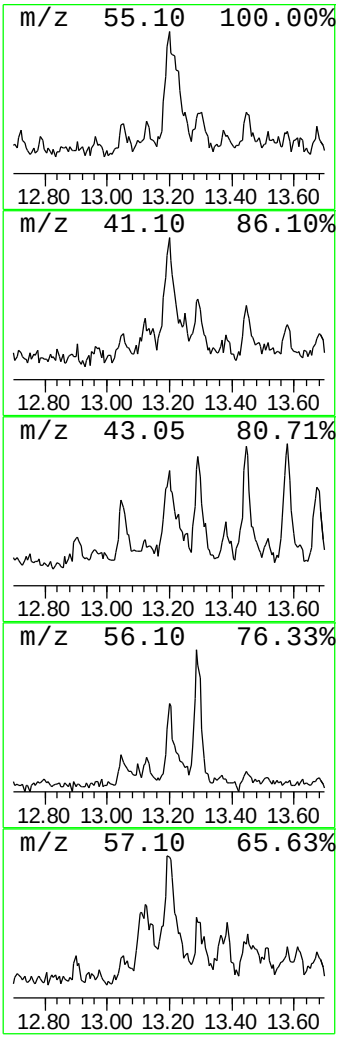
****

Peak Number 16 (DEL) Alkane: Cyclic13.20 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.59 ng/ul	107059	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	78
2	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	68
3	Dichloroacetic acid, decyl ester	268	C12H22Cl2O2	083005-00-9	68
4	5-Tetradecene, (E)-	196	C14H28	041446-66-6	68
5	2-Dodecene, (Z)-	168	C12H24	007206-26-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

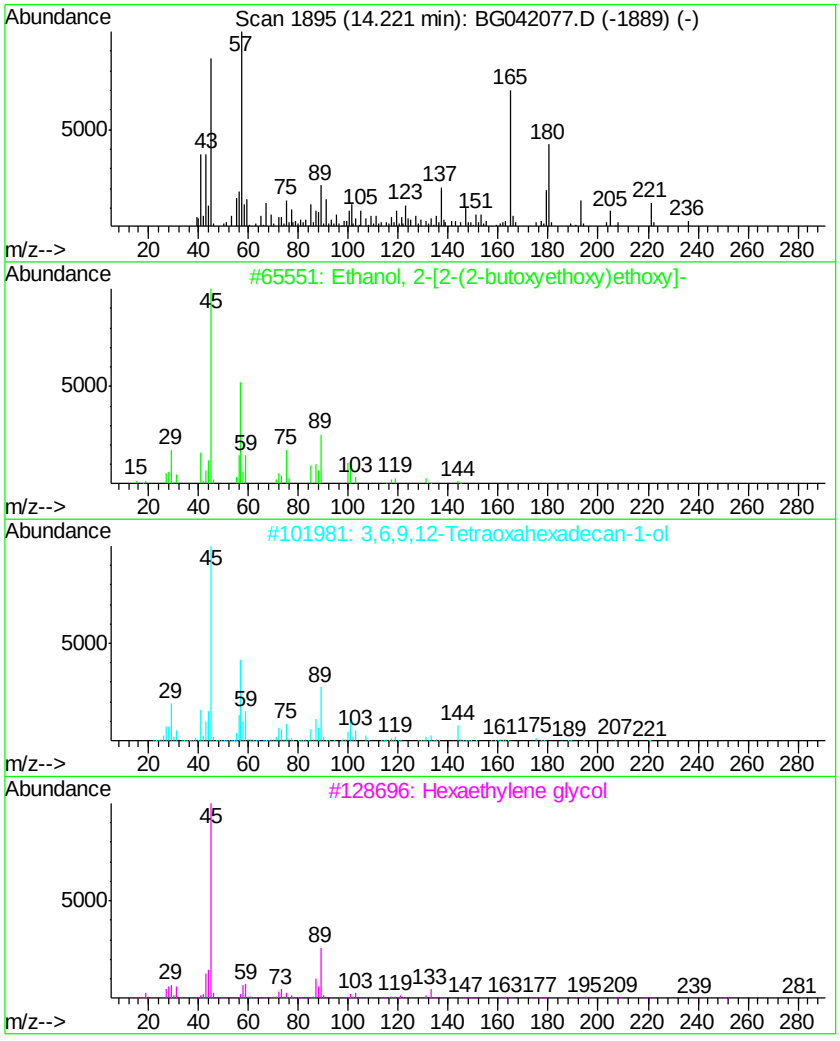
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

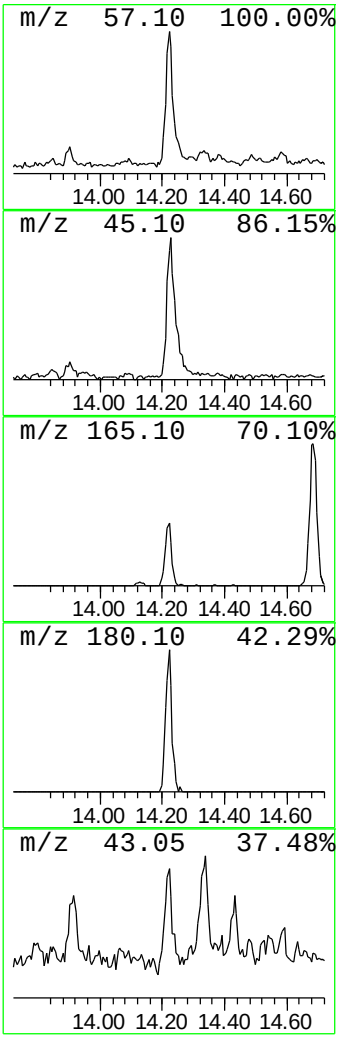
****

Peak Number 17 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.28 ng/ul	177185	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	38
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	30
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	30
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	30
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

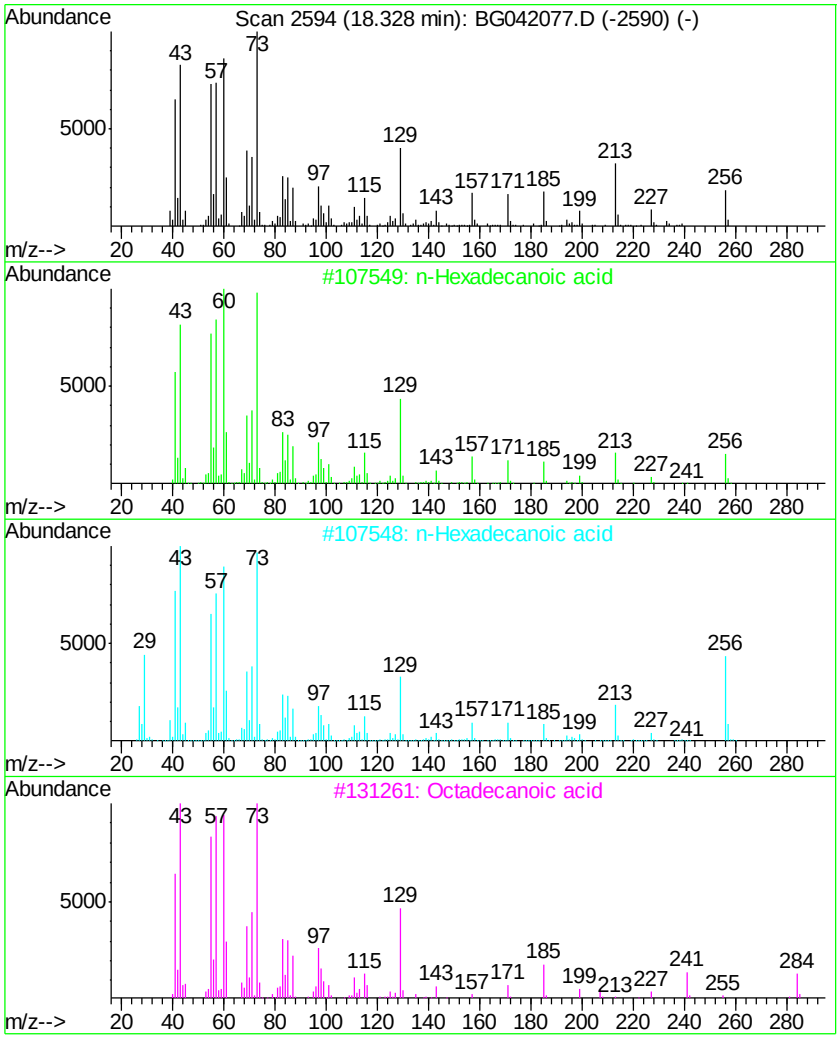
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

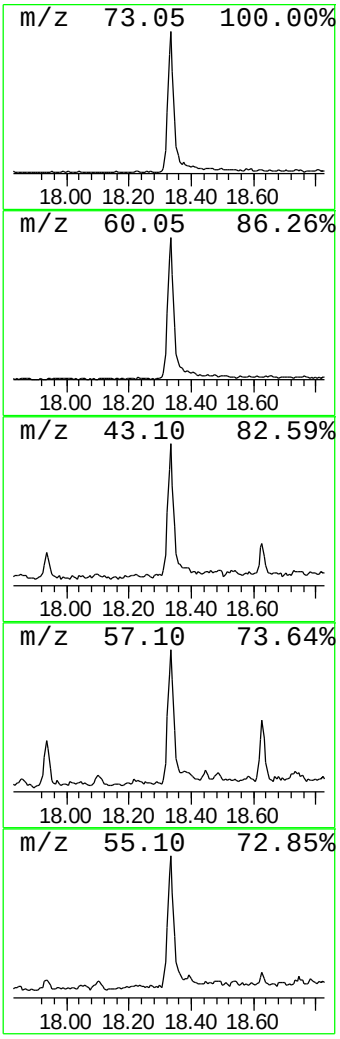
****

Peak Number 18 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	11.00 ng/ul	529838	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

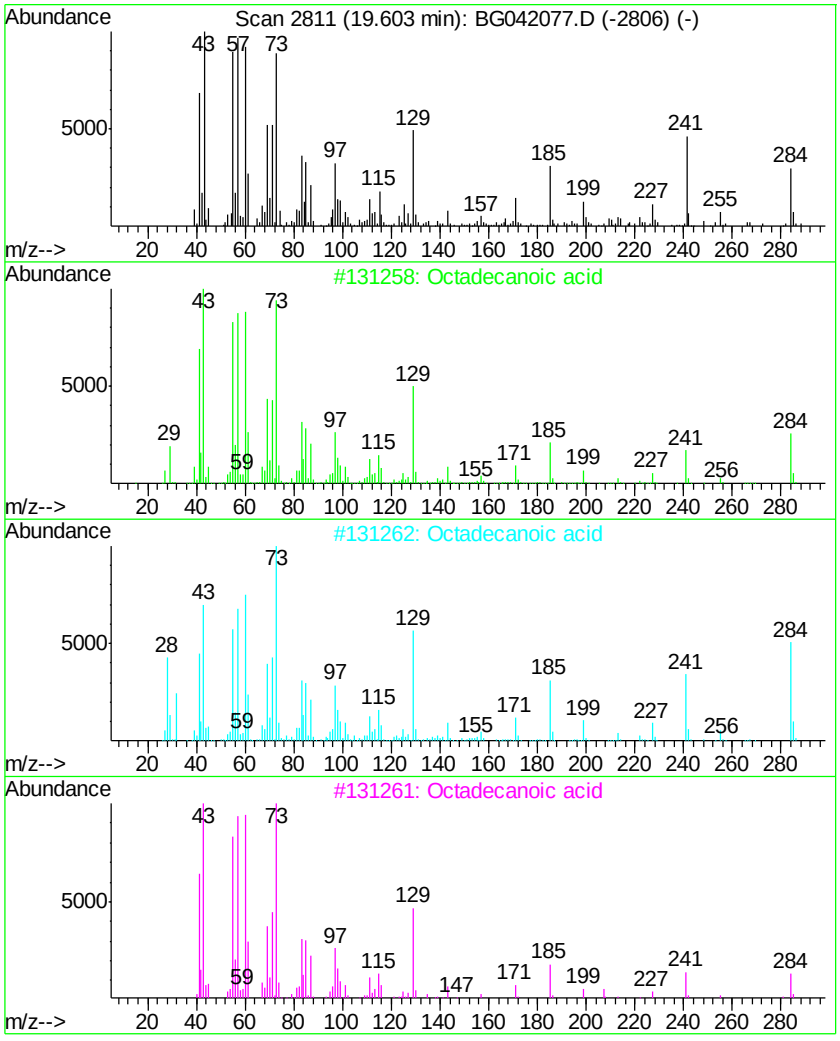
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

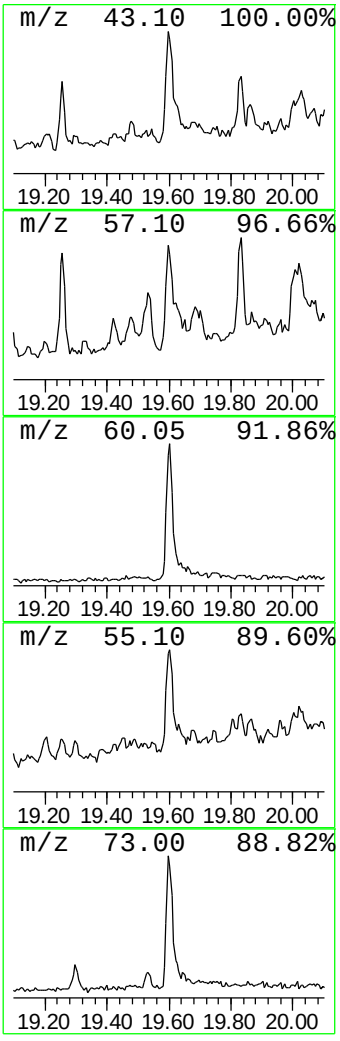
****

Peak Number 19 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	6.03 ng/ul	330462	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	92
5	Octadecanoic acid	284	C18H36O2	000057-11-4	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

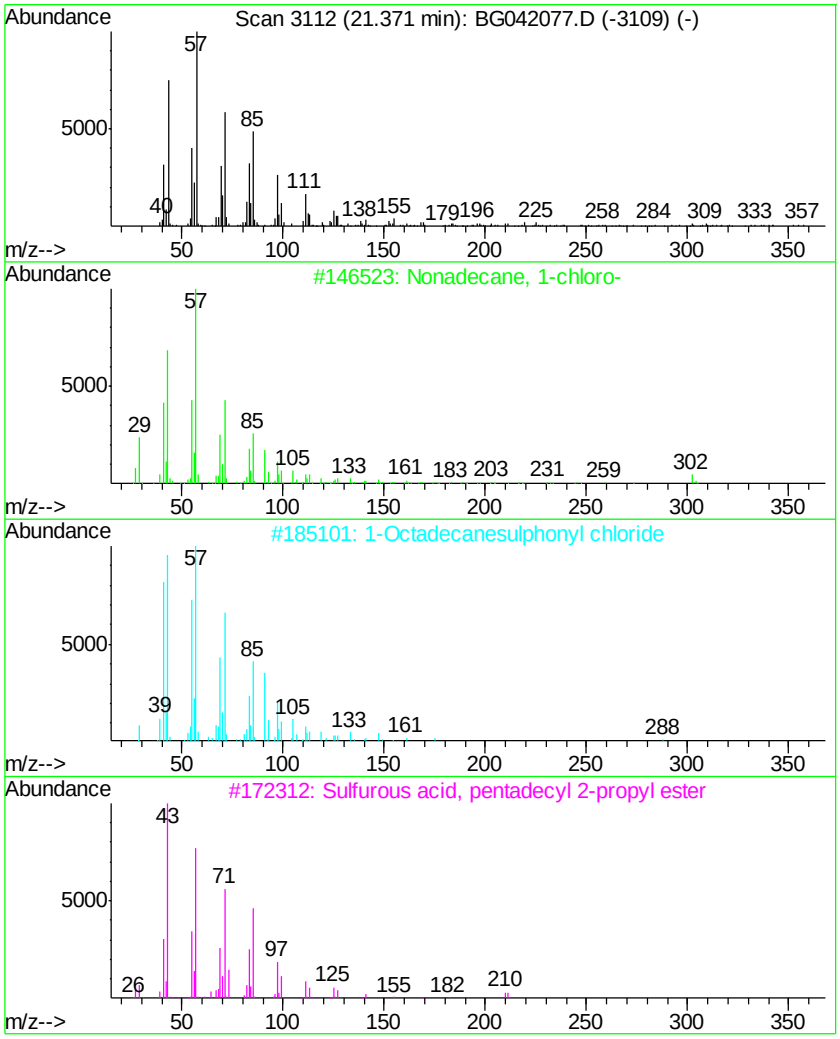
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

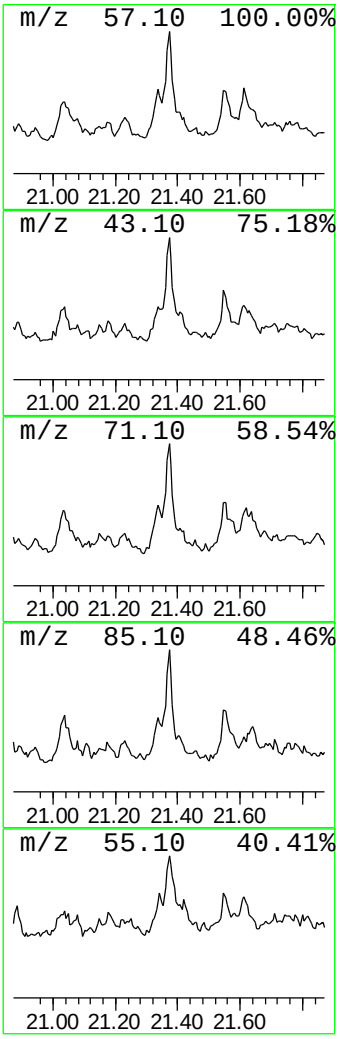
****

Peak Number 20 Nonadecane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	8.19 ng/ul	448848	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	94
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	87
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

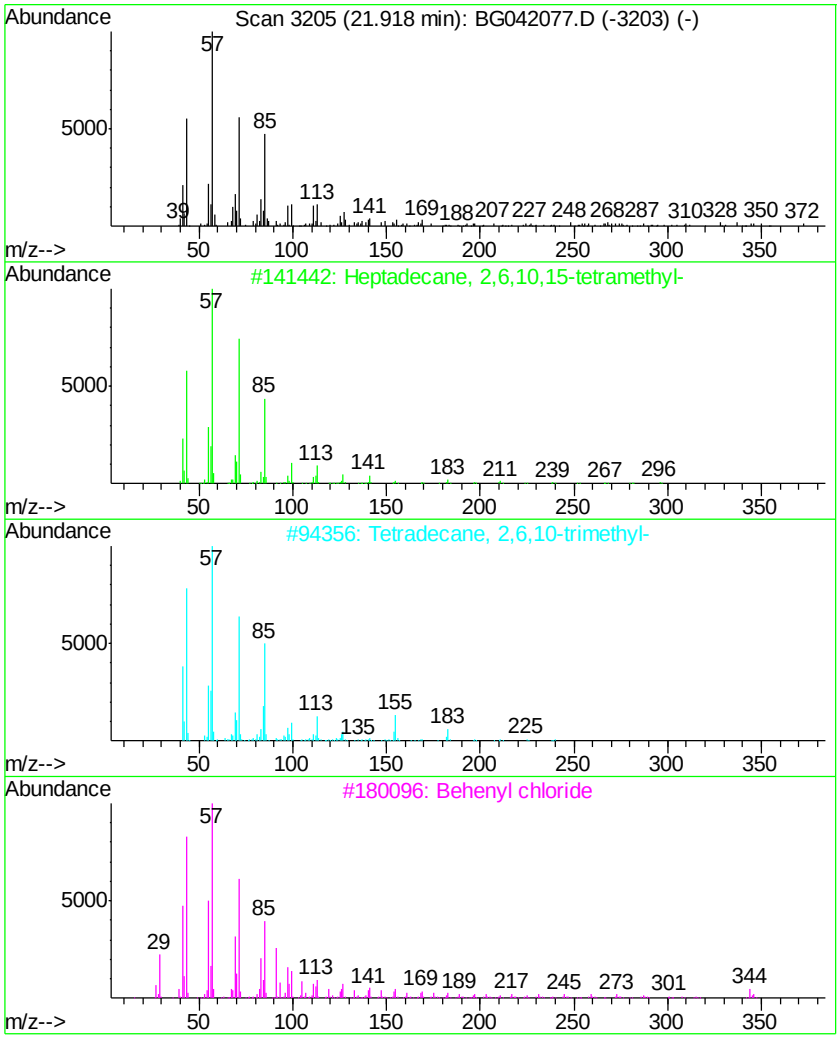
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

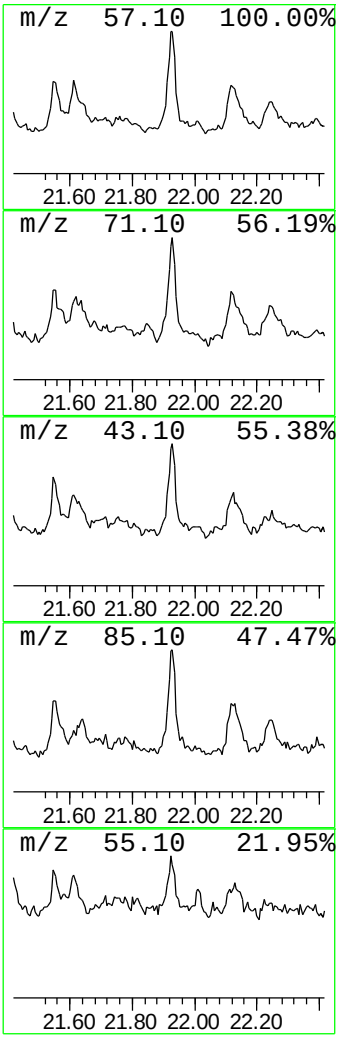
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	4.67 ng/ul	256117	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
3	Behenyl chloride	344	C22H45Cl	042217-03-8	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

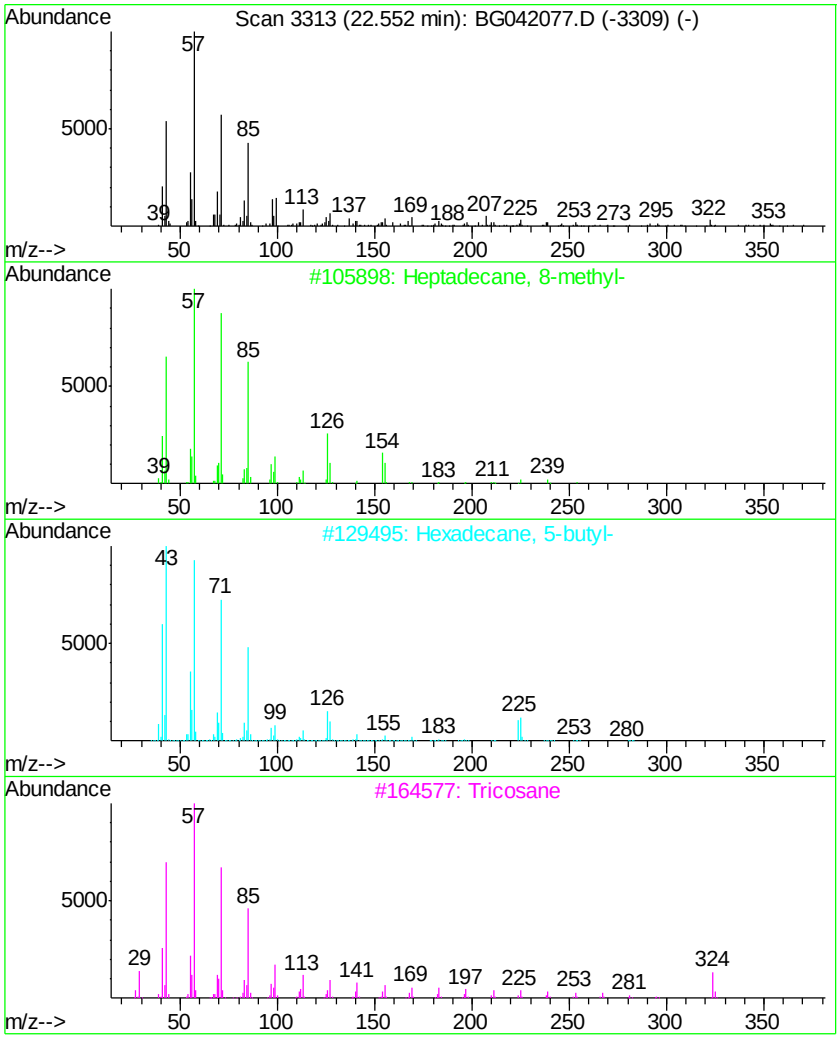
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

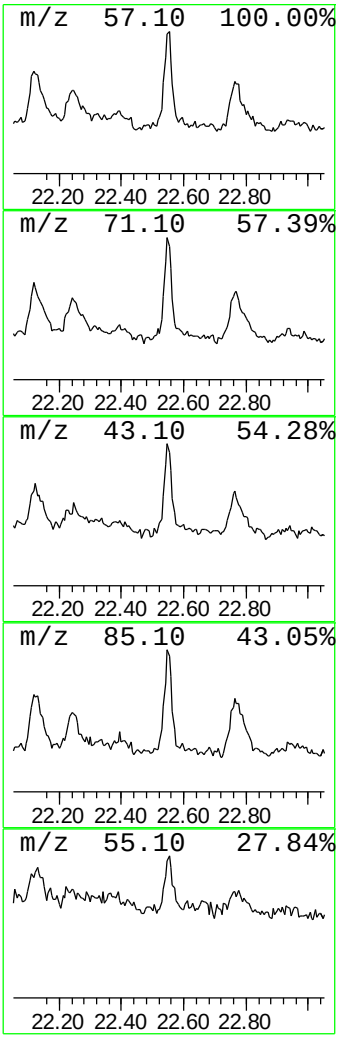
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	3.94 ng/ul	215658	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
3	Tricosane	324	C23H48	000638-67-5	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

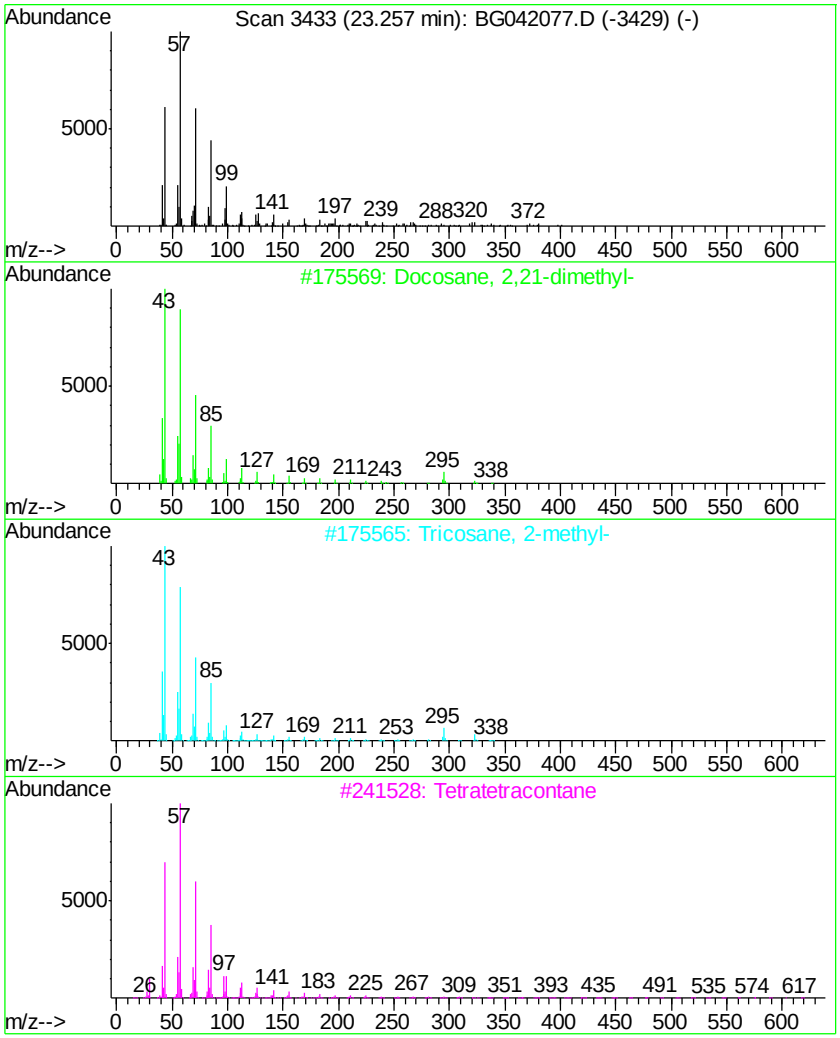
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

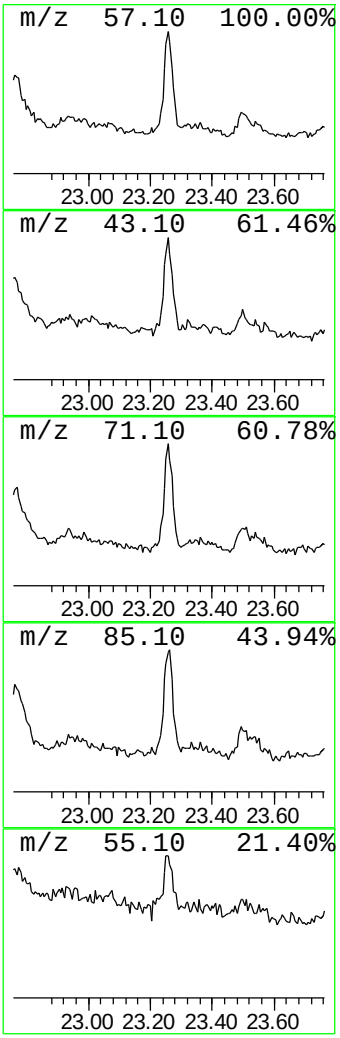
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	4.55 ng/ul	249096	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	90
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
3	Tetratetracontane	619	C44H90	007098-22-8	80
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

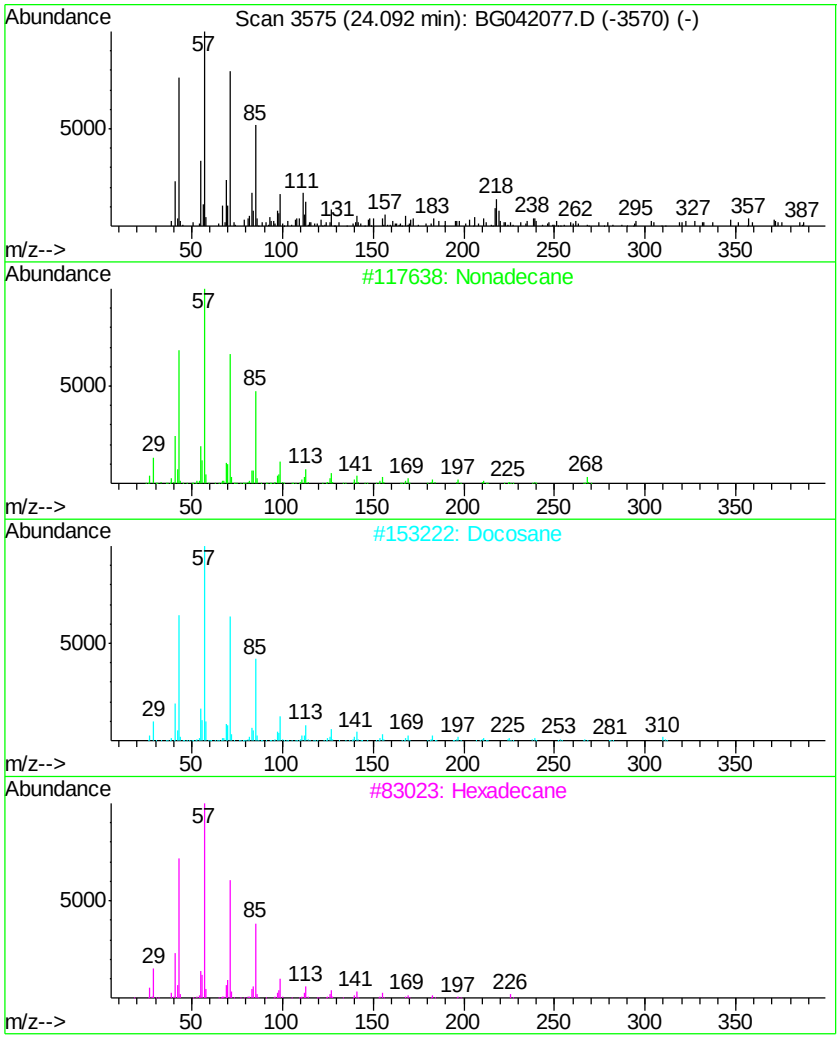
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

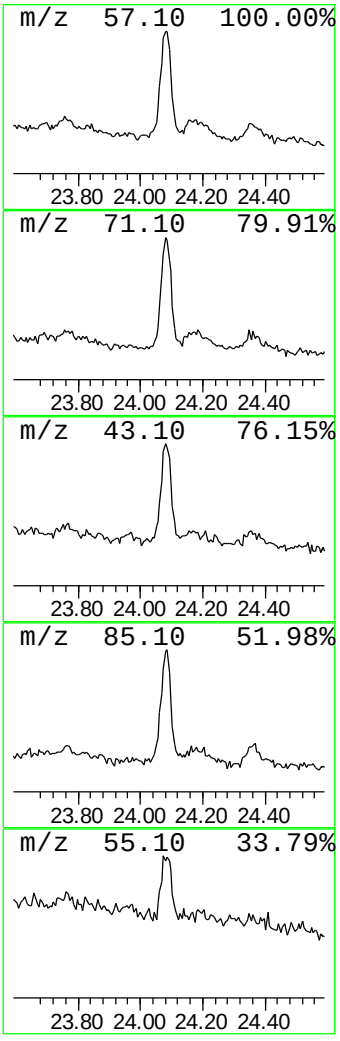
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	4.54 ng/ul	263604	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Docosane	310	C22H46	000629-97-0	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Triacontane	422	C30H62	000638-68-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

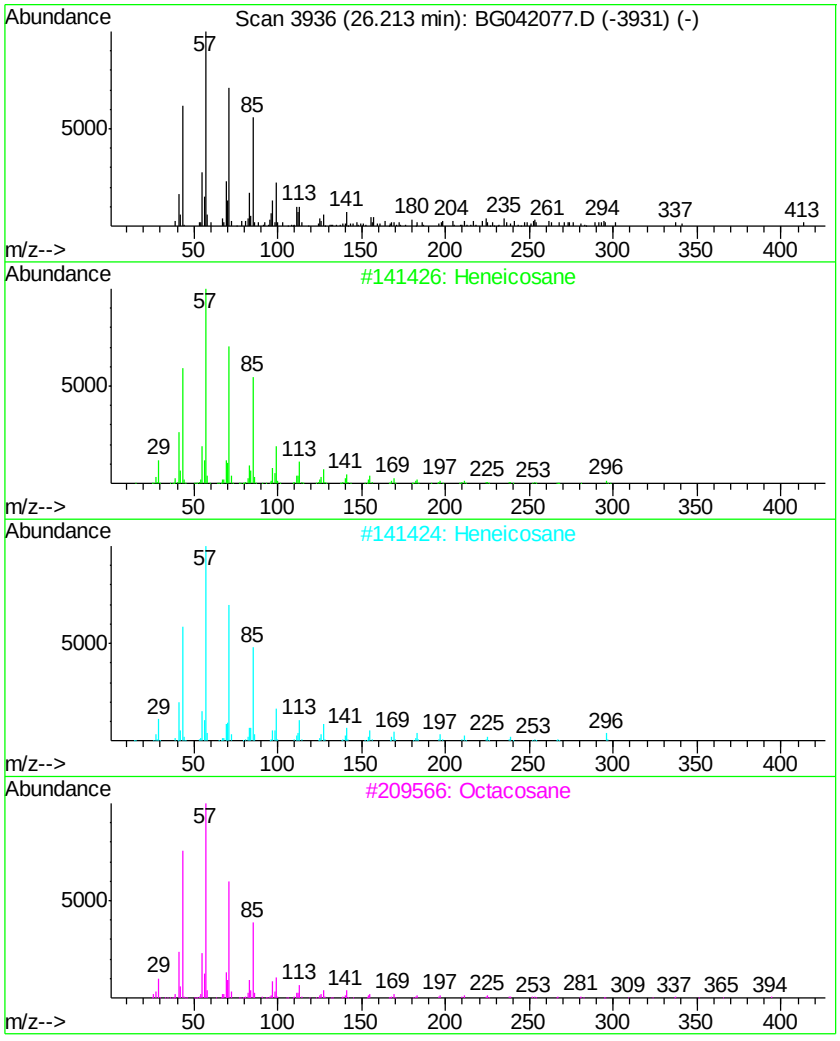
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

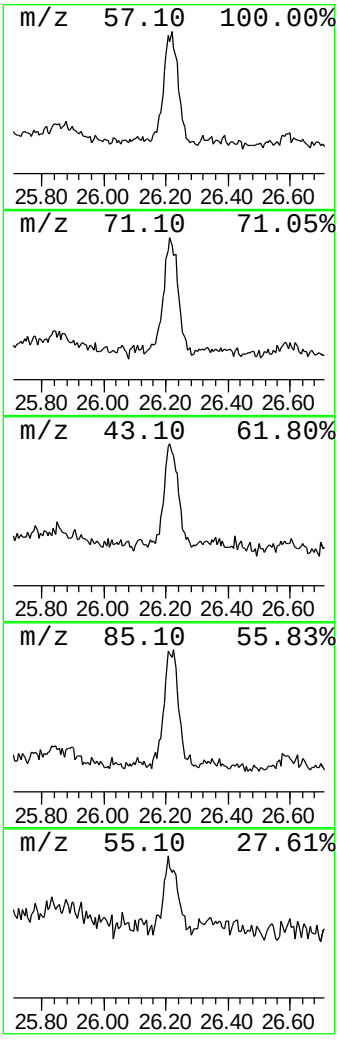
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	3.43 ng/ul	199153	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heneicosane	296	C21H44	000629-94-7	83
3	Octacosane	394	C28H58	000630-02-4	80
4	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	74
5	Docosane	310	C22H46	000629-97-0	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042077.D
Acq On : 8 Aug 2019 21:21
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.15	56.4	ng/ul	1007450	1	8.03	357375	20.0
Pentanal	3.32	2.7	ng/ul	48765	1	8.03	357375	20.0
Hexanal	4.53	4.1	ng/ul	73140	1	8.03	357375	20.0
Pentanoic acid	5.47	2.6	ng/ul	46915	1	8.03	357375	20.0
Heptanal	6.05	6.2	ng/ul	110087	1	8.03	357375	20.0
Hexanoic acid	7.07	13.3	ng/ul	237037	1	8.03	357375	20.0
Octanal	7.71	13.4	ng/ul	239838	1	8.03	357375	20.0
1-Hexanol, 2-ethyl-	8.09	3.4	ng/ul	60770	1	8.03	357375	20.0
unknown-01	8.61	2.4	ng/ul	41918	1	8.03	357375	20.0
Nonanal	9.36	37.3	ng/ul	666312	1	8.03	357375	20.0
1-Nonanol	10.37	10.7	ng/ul	295952	2	10.85	552365	20.0
Decanal	10.94	23.2	ng/ul	641660	2	10.85	552365	20.0
1-Decanol	11.88	12.0	ng/ul	330304	2	10.85	552365	20.0
2-Undecanone	12.18	2.8	ng/ul	76657	2	10.85	552365	20.0
1,1-Dodecanediol,...	12.40	5.4	ng/ul	148438	2	10.85	552365	20.0
(DEL) Alkane: Cyc...	13.20	2.6	ng/ul	107059	3	14.69	827573	20.0
unknown-02	14.22	4.3	ng/ul	177185	3	14.69	827573	20.0
n-Hexadecanoic acid	18.33	11.0	ng/ul	529838	4	17.43	963350	20.0
Octadecanoic acid	19.60	6.0	ng/ul	330462	5	21.72	1095830	20.0
Nonadecane, 1-chl...	21.37	8.2	ng/ul	448848	5	21.72	1095830	20.0
(DEL) Alkane: Str...	21.92	4.7	ng/ul	256117	5	21.72	1095830	20.0
(DEL) Alkane: Str...	22.55	3.9	ng/ul	215658	5	21.72	1095830	20.0
(DEL) Alkane: Str...	23.26	4.5	ng/ul	249096	5	21.72	1095830	20.0
(DEL) Alkane: Str...	24.09	4.5	ng/ul	263604	6	24.98	1160730	20.0
(DEL) Alkane: Str...	26.21	3.4	ng/ul	199153	6	24.98	1160730	20.0