LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042075.D
Acq On : 8 Aug 2019 20:04
Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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	3.147	5	10	31	rVB	558821	928836	36.69%	3.831%
2	3.411	51	55	60	rVB3	12728	20045	0.79%	0.083%
3	4.075	165	168	172	rVB3	2857	4018	0.16%	0.017%
4	4.169	180	184	192	rVB3	7118	11217	0.44%	0.046%
5	4.534	243	246	252	rVB5	2554	4561	0.18%	0.019%
6	5.015	326	328	334	rVB5	2252	3845	0.15%	0.016%
7	5.497	406	410	414	rBV5	2022	3570	0.14%	0.015%
8	6.044	497	503	510	rBV2	34772	59400	2.35%	0.245%
9	7.119	680	686	688	rBV4	3165	4652	0.18%	0.019%
10	7.178	688	696	708	rVB	59583	130519	5.16%	0.538%
11	7.342	716	724	734	rBV	181881	322326	12.73%	1.329%
12	7.554	753	760	774	rVB	220823	394080	15.57%	1.625%
13	8.024	834	840	846	rBV	246013	424466	16.77%	1.751%
14	8.088	846	851	863	rVB	72400	126745	5.01%	0.523%
15	8.729	953	960	972	rBV	178526	330486	13.05%	1.363%
16	8.817	972	975	976	rVV2	3340	4059	0.16%	0.017%
17	8.852	976	981	989	rVB	16438	30069	1.19%	0.124%
18	9.128	1021	1028	1032	rBV	34774	58884	2.33%	0.243%
19	9.187	1032	1038	1053	rVV	243971	468011	18.49%	1.930%
20	9.363	1063	1068	1076	rVB4	5406	12023	0.47%	0.050%
21	9.751	1130	1134	1142	rVB5	7248	13547	0.54%	0.056%
22	9.921	1155	1163	1179	rBV	216524	404727	15.99%	1.669%
23	10.086	1183	1191	1197	rBV	18248	43328	1.71%	0.179%
24	10.327	1226	1232	1238	rBV2	16683	30327	1.20%	0.125%
25	10.462	1248	1255	1271	rBV	331452	654615	25.86%	2.700%
26	10.632	1279	1284	1287	rVB4	3508	5174	0.20%	0.021%
27	10.744	1296	1303	1312	rVB	16474	32569	1.29%	0.134%
28	10.850	1312	1321	1328	rVV	370598	640194	25.29%	2.640%
29	10.903	1328	1330	1335	rVB3	5349	7038	0.28%	0.029%
30	10.985	1337	1344	1356	rVB	26010	52402	2.07%	0.216%
31	11.384	1406	1412	1418	rBV2	13908	26532	1.05%	0.109%
32	11.449	1418	1423	1427	rVV	15830	27976	1.11%	0.115%
33	11.502	1427	1432	1440	rVB	9895	21887	0.86%	0.090%
34	11.672	1455	1461	1462	rBV3	4267	4676	0.18%	0.019%

LSC Area Percent Report

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Acq On : 8 Aug 2019 20:04
Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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	12.019	1517	1520	1526	rVB5	2821	4590	0.18%	0.019%
36	12.131	1532	1539	1555	rBV2	45838	95673	3.78%	0.395%
37	12.436	1585	1591	1597	rBV3	7554	13283	0.52%	0.055%
38	13.047	1690	1695	1702	rVV2	13197	21832	0.86%	0.090%
39	13.294	1732	1737	1746	rVB	32185	51035	2.02%	0.210%
40	13.523	1771	1776	1782	rBV2	6578	10789	0.43%	0.044%
41	13.594	1782	1788	1795	rBV3	51880	97631	3.86%	0.403%
42	14.087	1864	1872	1876	rBV	717805	1102450	43.55%	4.547%
43	14.128	1876	1879	1887	rVV	156907	228094	9.01%	0.941%
44	14.216	1891	1894	1899	rVB4	2674	3377	0.13%	0.014%
45	14.375	1914	1921	1934	rVB	836193	1368394	54.05%	5.644%
46	14.545	1945	1950	1954	rVB4	2256	3744	0.15%	0.015%
47	14.686	1967	1974	1984	rVB2	608713	959814	37.91%	3.959%
48	14.874	1997	2006	2017	rBV3	38745	94580	3.74%	0.390%
49	15.098	2040	2044	2047	rBV4	3484	4759	0.19%	0.020%
50	15.268	2069	2073	2078	rVB3	3472	5217	0.21%	0.022%
51	15.421	2095	2099	2106	rVB	17621	24980	0.99%	0.103%
52	15.491	2106	2111	2117	rVV2	14958	23762	0.94%	0.098%
53	15.679	2135	2143	2156	rBV	1157895	1782899	70.43%	7.353%
54	15.791	2156	2162	2173	rBV	305422	467791	18.48%	1.929%
55	15.920	2179	2184	2190	rVB3	15016	23034	0.91%	0.095%
56	16.038	2199	2204	2207	rBV3	7263	9178	0.36%	0.038%
57	16.467	2272	2277	2284	rVB5	5298	8819	0.35%	0.036%
58	16.684	2309	2314	2318	rBV3	2181	3714	0.15%	0.015%
59	17.230	2404	2407	2410	rVB4	2869	3648	0.14%	0.015%
60	17.436	2436	2442	2450	rBV2	790300	1168759	46.17%	4.820%
61	17.536	2452	2459	2470	rVB2	1262729	1978553	78.15%	8.160%
62	17.695	2481	2486	2487	rBV3	4151	6247	0.25%	0.026%
63	17.712	2487	2489	2496	rVB2	8212	10422	0.41%	0.043%
64	17.912	2519	2523	2526	rBV4	1778	3476	0.14%	0.014%
65	18.106	2551	2556	2560	rBV3	40736	53510	2.11%	0.221%
66	18.335	2589	2595	2603	rBV	150036	257096	10.16%	1.060%
67	18.394	2603	2605	2613	rVB	16314	28004	1.11%	0.115%
68	18.505	2621	2624	2628	rBV6	3237	5133	0.20%	0.021%
69	18.623	2642	2644	2649	rBV4	3284	4507	0.18%	0.019%
70	18.658	2649	2650	2655	rVB5	3579	3809	0.15%	0.016%
71	19.187	2736	2740	2745	rBV6	6855	14525	0.57%	0.060%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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	19.257	2747	2752	2756	rVB6	7085	12714	0.50%	0.052%
73	19.352	2765	2768	2771	rBV4	3178	3704	0.15%	0.015%
74	19.457	2782	2786	2792	rBV	22184	37876	1.50%	0.156%
75	19.604	2806	2811	2821	rBV2	50895	104434	4.13%	0.431%
76	19.710	2826	2829	2839	rVV3	18723	37929	1.50%	0.156%
77	19.822	2842	2848	2862	rVV	1606834	2413613	95.34%	9.954%
78	20.051	2883	2887	2890	rBV5	3901	5903	0.23%	0.024%
79	20.080	2890	2892	2895	rVV4	3308	4062	0.16%	0.017%
80	20.315	2928	2932	2933	rBV4	3178	3756	0.15%	0.015%
81	20.362	2936	2940	2945	rVV2	13354	20030	0.79%	0.083%
82	20.715	2997	3000	3001	rBV3	6302	5477	0.22%	0.023%
83	20.856	3020	3024	3028	rBV2	21972	26208	1.04%	0.108%
84	21.179	3074	3079	3084	rBV	242720	301906	11.93%	1.245%
85	21.343	3105	3107	3108	rBV	4785	3938	0.16%	0.016%
86	21.373	3108	3112	3118	rVV	43689	77151	3.05%	0.318%
87	21.614	3148	3153	3157	rBV	54446	78192	3.09%	0.322%
88	21.719	3164	3171	3181	rBV	816580	1347069	53.21%	5.556%
89	21.925	3202	3206	3210	rVB2	30867	43550	1.72%	0.180%
90	22.477	3298	3300	3302	rBV2	4448	3385	0.13%	0.014%
91	22.548	3307	3312	3317	rVV	41984	68464	2.70%	0.282%
92	23.218	3421	3426	3427	rBV4	18938	26226	1.04%	0.108%
93	23.259	3429	3433	3442	rVB	49701	91604	3.62%	0.378%
94	23.453	3461	3466	3470	rVB3	16232	27156	1.07%	0.112%
95	23.852	3528	3534	3538	rVB8	13448	27340	1.08%	0.113%
96	24.081	3567	3573	3580	rBV2	46001	101541	4.01%	0.419%
97	24.763	3676	3689	3700	rBV	928544	2531577	100.00%	10.441%
98	24.986	3716	3727	3736	rBV	492908	1422629	56.20%	5.867%
99	26.220	3928	3937	3947	rVB6	34126	107630	4.25%	0.444%
100	27.601	4163	4172	4175	rBV7	22687	57686	2.28%	0.238%

Sum of corrected areas: 24246682

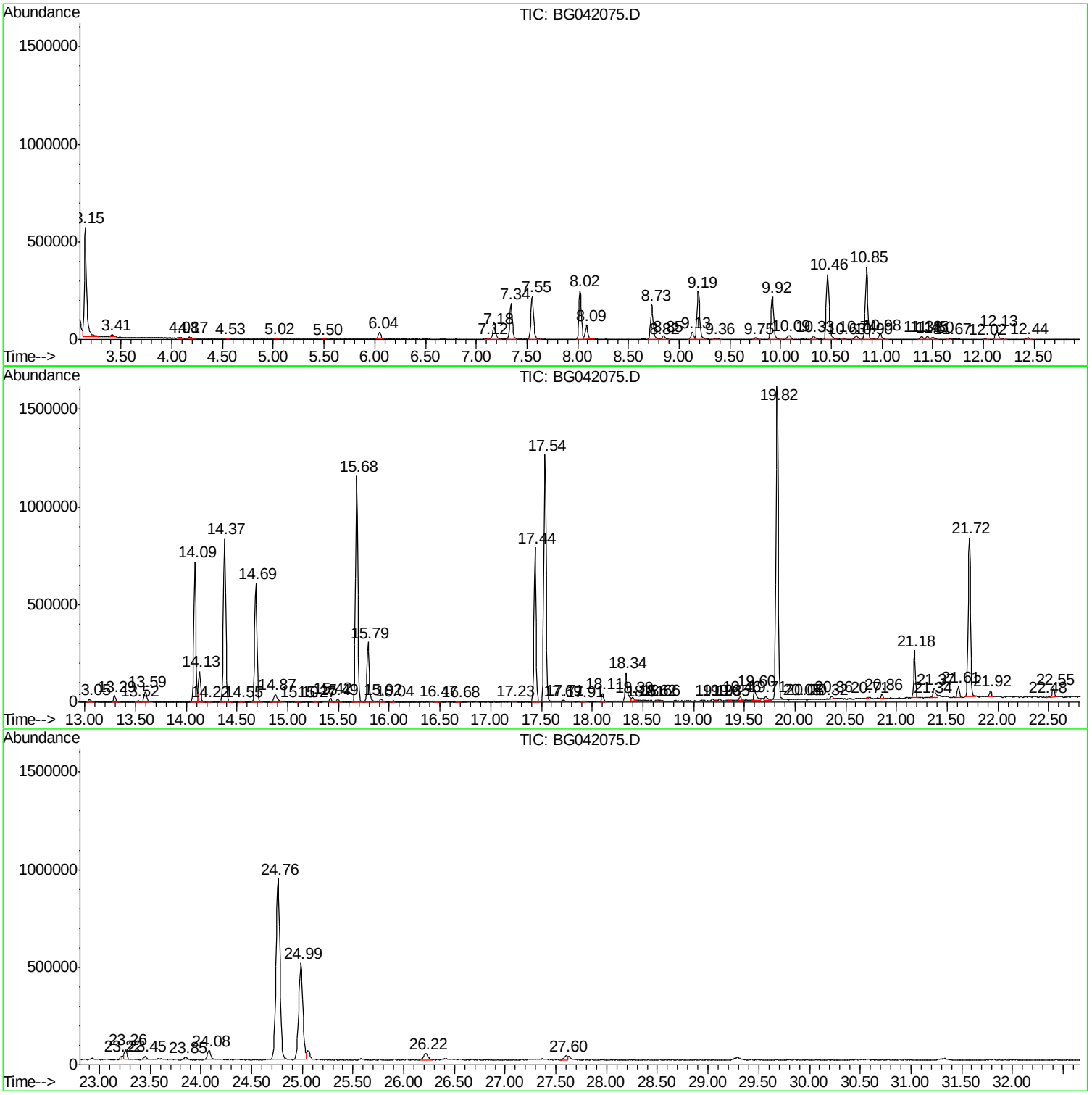
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042075.D
Acq On : 8 Aug 2019 20:04
Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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 : BG042075.D
Acq On : 8 Aug 2019 20:04
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Misc :
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Instrument : BNA_G
ClientSampleId : C0AP2

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

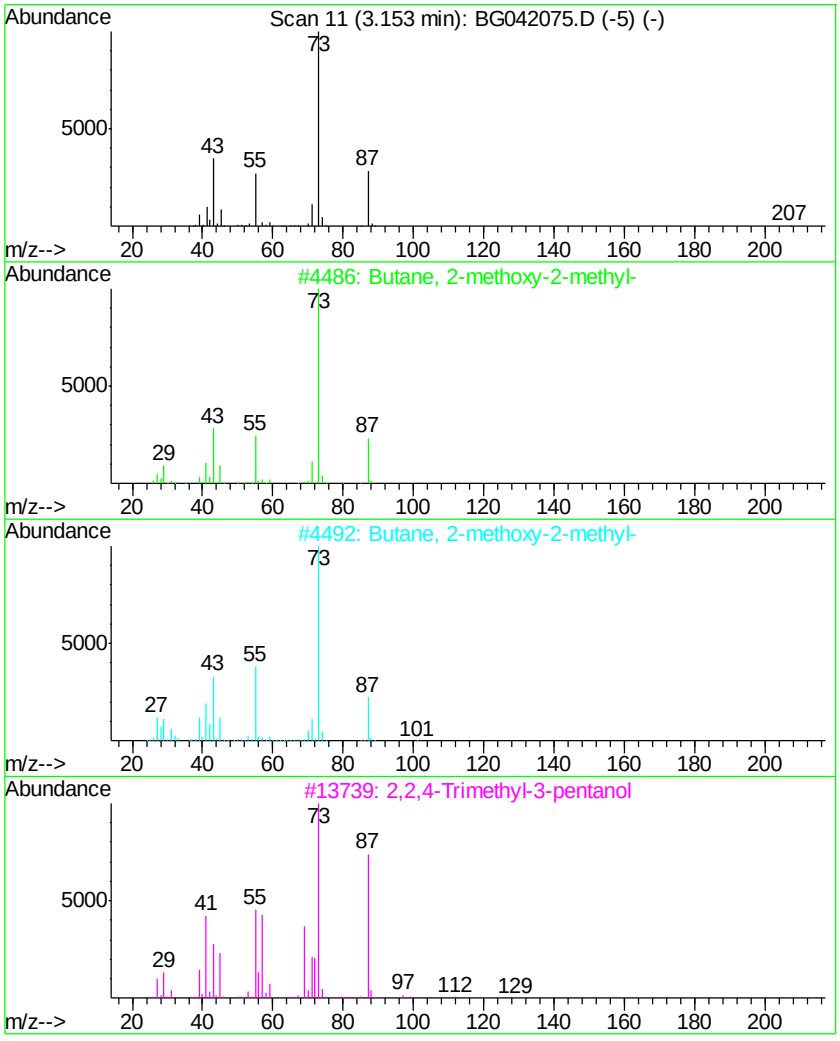
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

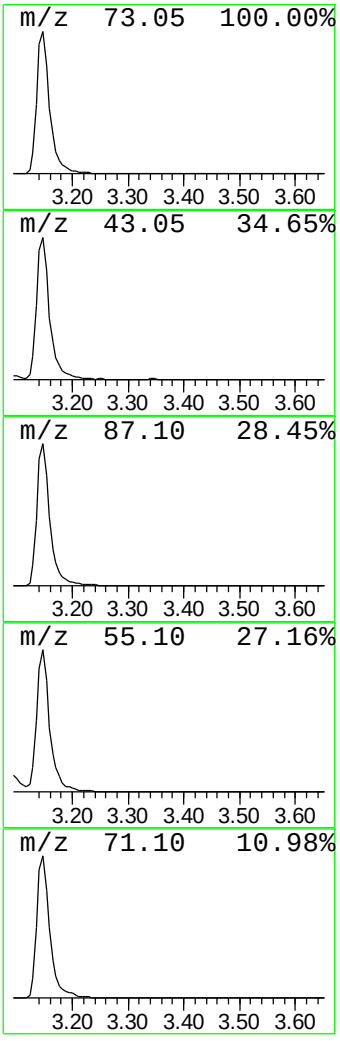
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	43.76 ng/ul	928836	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042075.D
Acq On : 8 Aug 2019 20:04
Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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

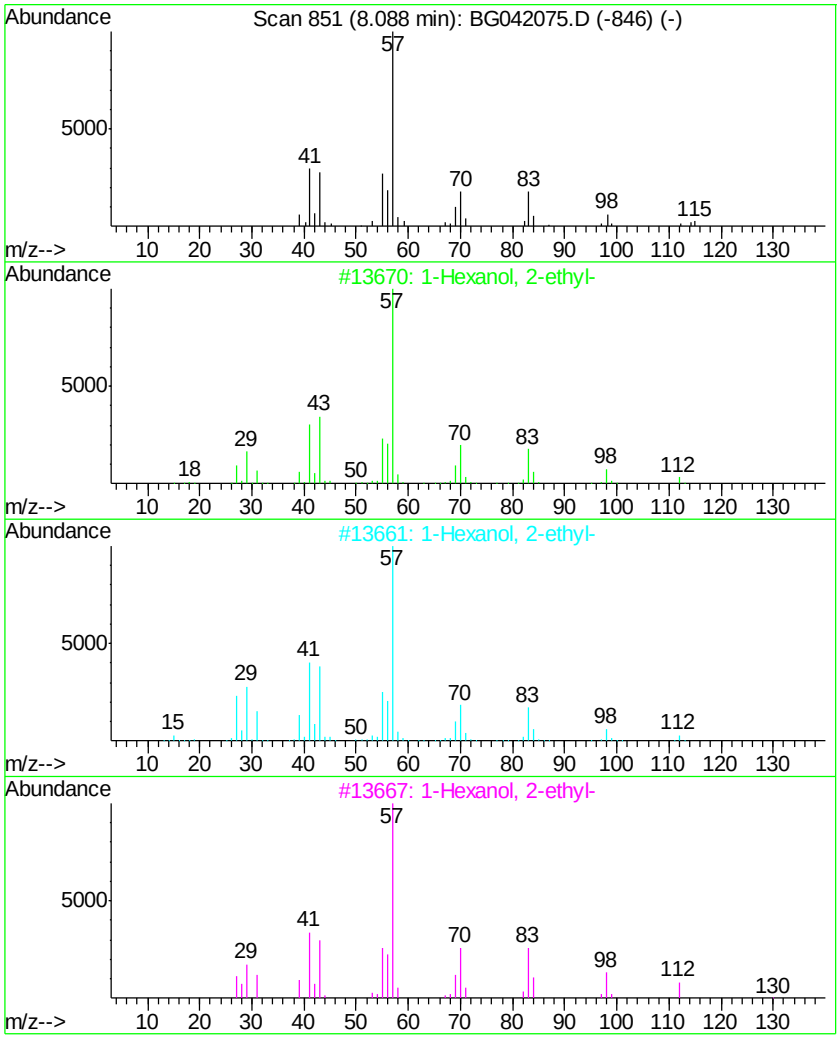
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

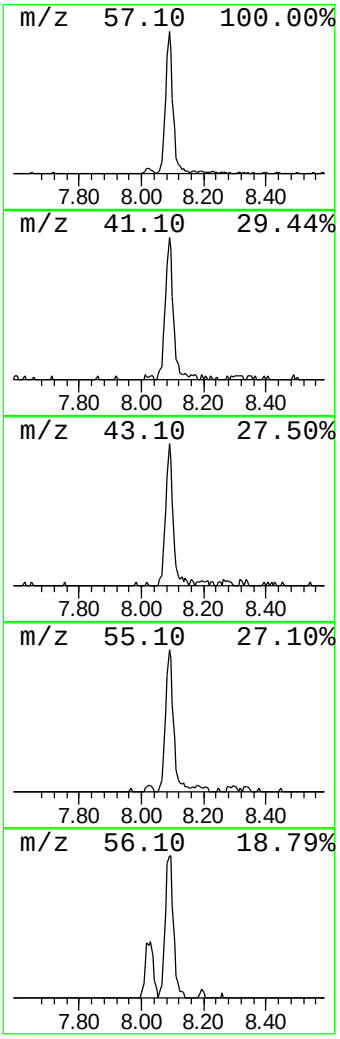
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	5.97 ng/ul	126745	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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Misc :
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Instrument : BNA_G
ClientSampleId : C0AP2

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

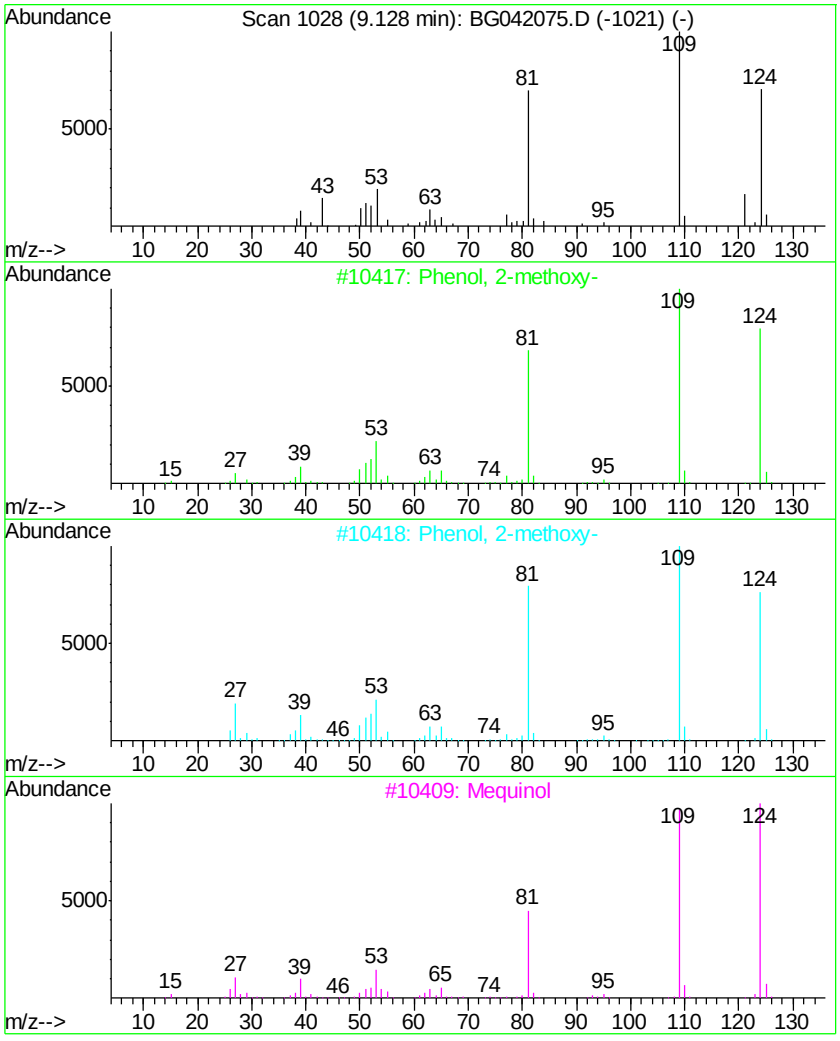
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

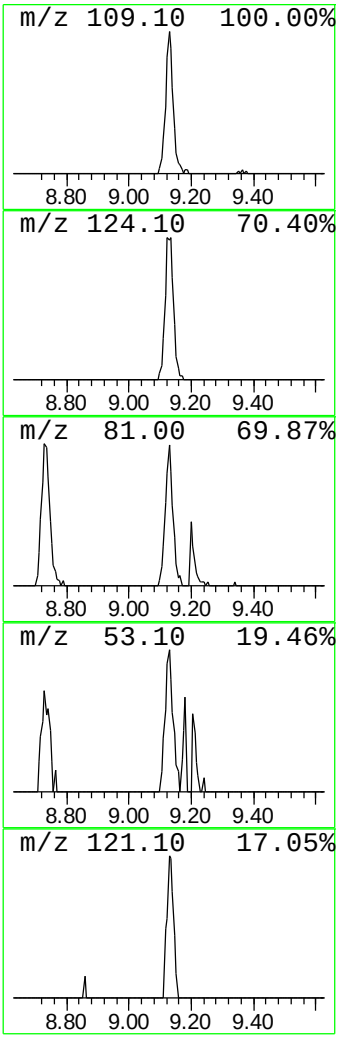
****

Peak Number 4 Phenol, 2-methoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.77 ng/ul	58884	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
3	Mequinol	124	C7H8O2	000150-76-5	87
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
5	Mequinol	124	C7H8O2	000150-76-5	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042075.D
Acq On : 8 Aug 2019 20:04
Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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

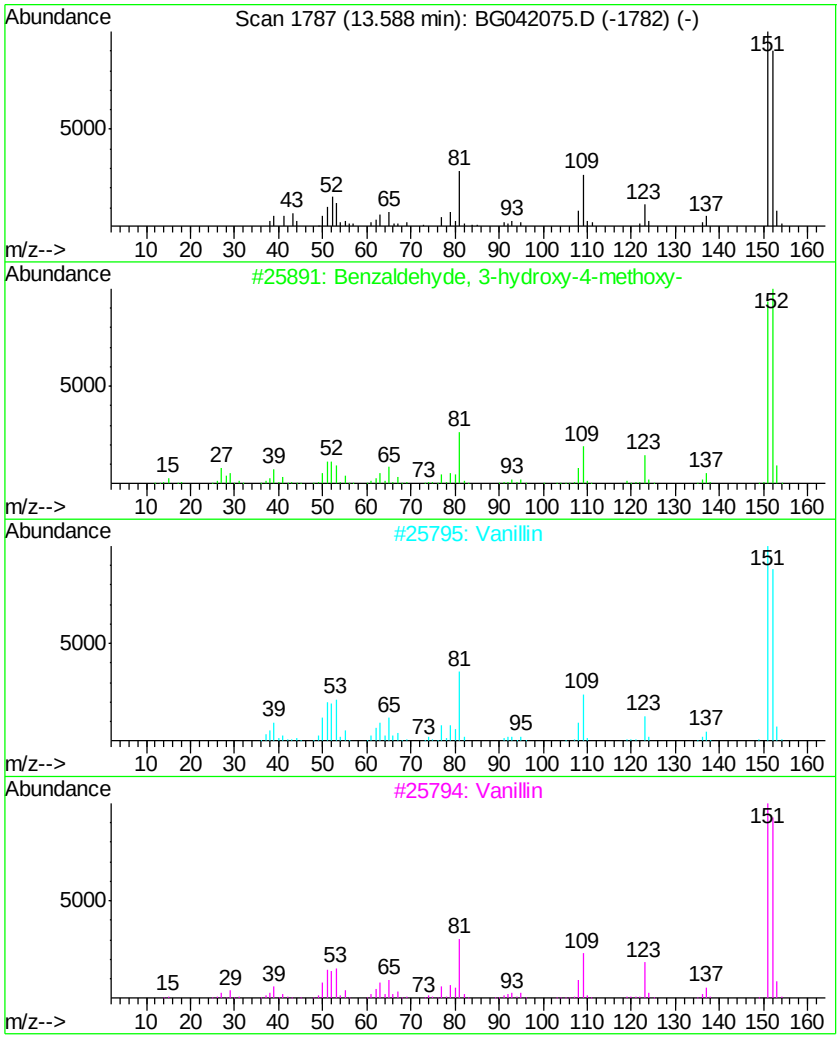
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

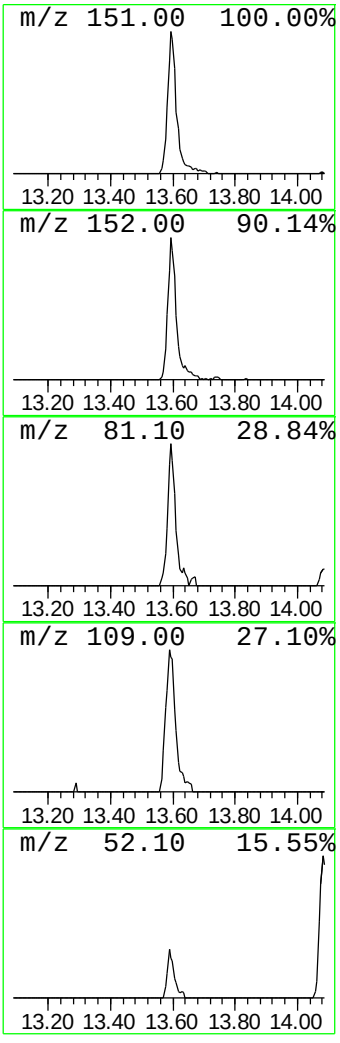
****

Peak Number 5 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.03 ng/ul	97631	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
2	Vanillin	152	C8H8O3	000121-33-5	95
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
5	Vanillin	152	C8H8O3	000121-33-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042075.D
Acq On : 8 Aug 2019 20:04
Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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

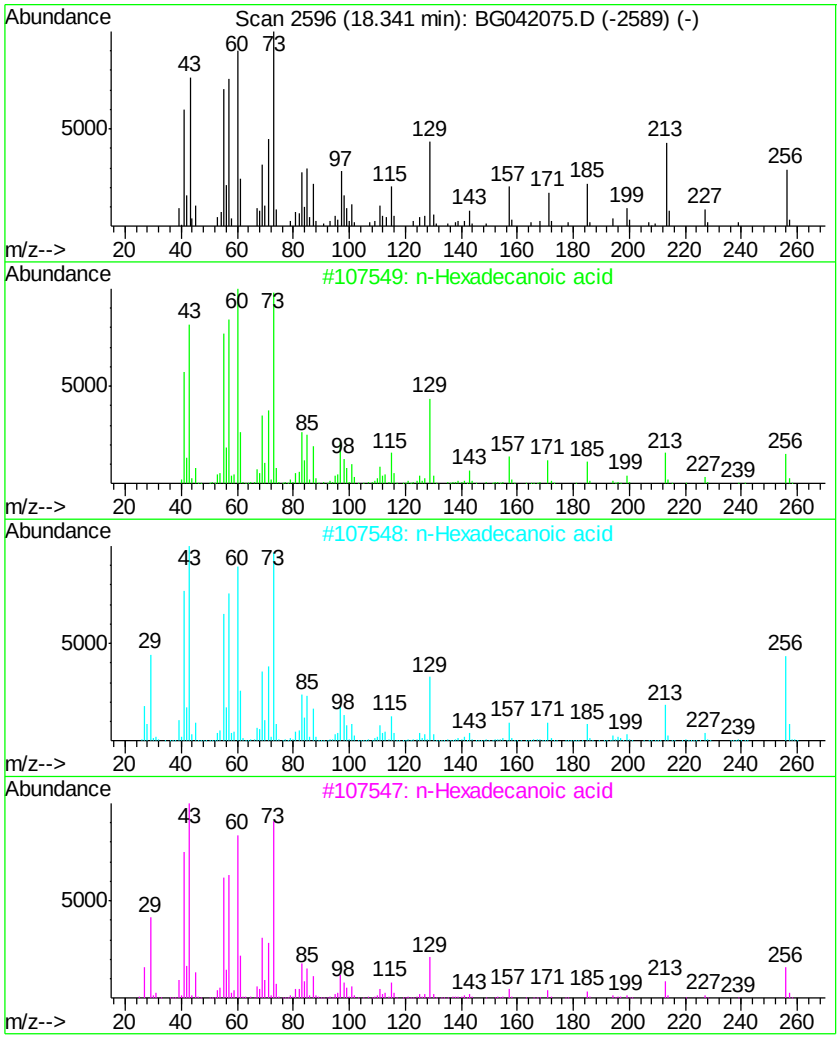
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

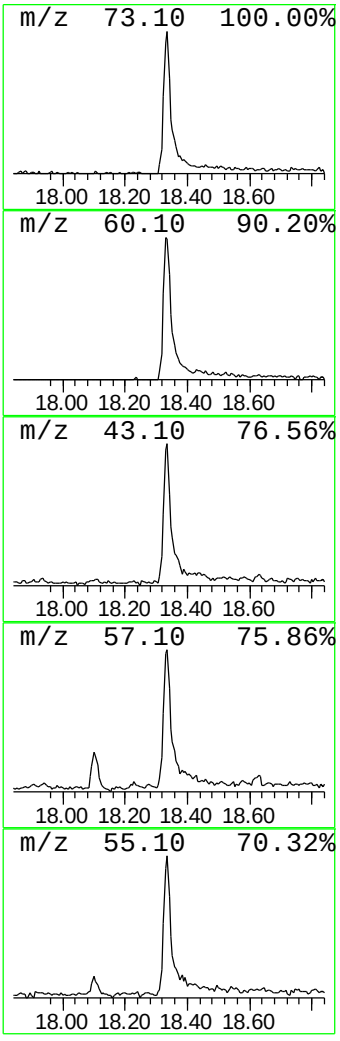
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.40 ng/ul	257096	Phenanthrene-d10	17.44

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042075.D
Acq On : 8 Aug 2019 20:04
Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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

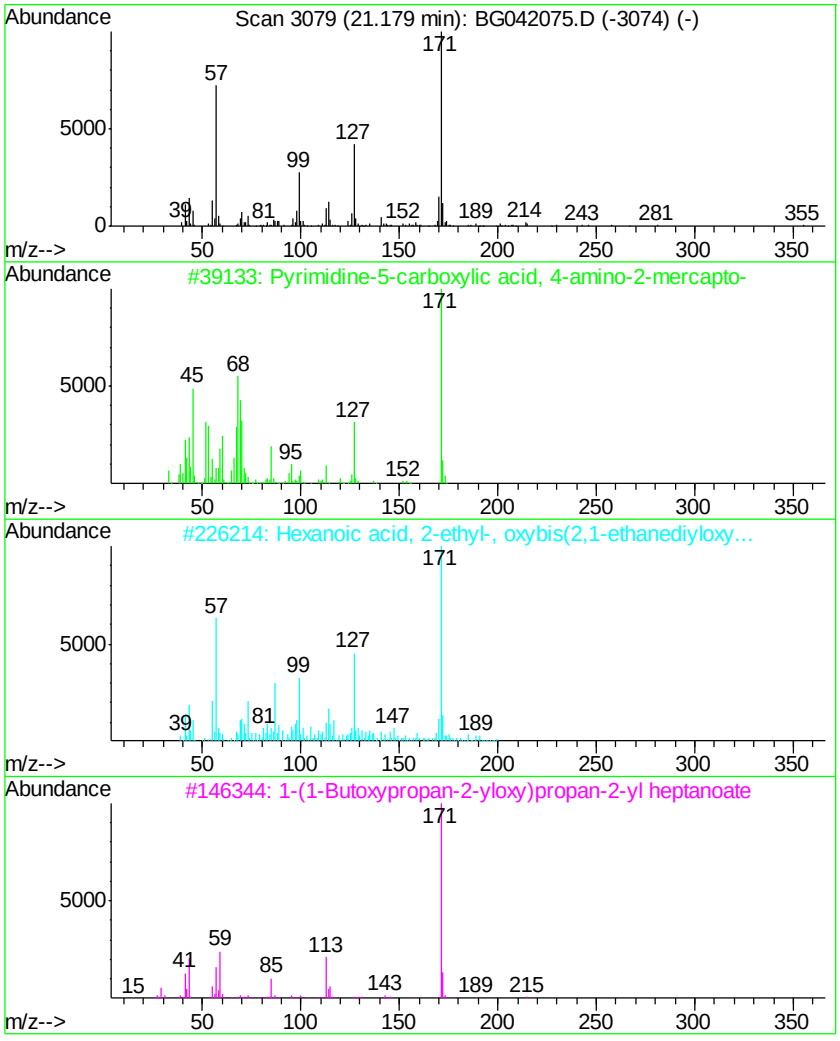
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

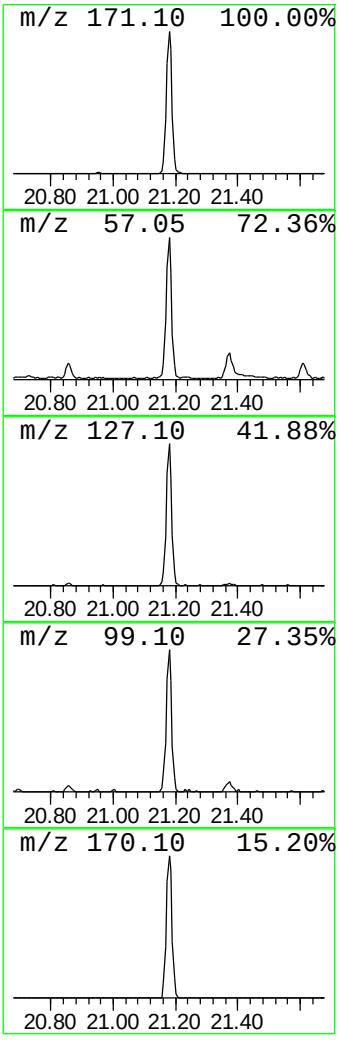
****

Peak Number 7 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	4.48 ng/ul	301906	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidine-5-carboxylic acid, 4-...	171	C5H5N3O2S	1000310-89-5	42
2	Hexanoic acid, 2-ethyl-, oxybis(...	446	C24H46O7	018268-70-7	40
3	1-(1-Butoxypropan-2-yloxy)propan...	302	C17H34O4	1000367-12-8	38
4	Quinoline, 2,4,6-trimethyl-	171	C12H13N	002243-89-2	37
5	2-Pyridinecarboxamide, N-[[4-(1H...	277	C17H15N3O	1000350-03-7	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042075.D
Acq On : 8 Aug 2019 20:04
Operator : HP/JU
Sample : K4149-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP2

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	43.8	ng/ul	928836	1	8.02	424466	20.0
1-Hexanol, 2-ethyl-	8.09	6.0	ng/ul	126745	1	8.02	424466	20.0
Phenol, 2-methoxy-	9.13	2.8	ng/ul	58884	1	8.02	424466	20.0
Benzaldehyde, 3-h...	13.59	2.0	ng/ul	97631	3	14.69	959814	20.0
n-Hexadecanoic acid	18.34	4.4	ng/ul	257096	4	17.44	1168760	20.0
unknown-01	21.18	4.5	ng/ul	301906	5	21.72	1347070	20.0