LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042128.D
Acq On : 10 Aug 2019 17:17
Operator : HP/JU
Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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	3.142	5	9	31	rVB	1146052	1861548	73.62%	7.838%
2	3.406	50	54	62	rVB	14041	23824	0.94%	0.100%
3	4.076	163	168	173	rVB2	7526	11879	0.47%	0.050%
4	4.170	180	184	191	rVB4	3773	5612	0.22%	0.024%
5	4.264	196	200	206	rVB4	5646	9702	0.38%	0.041%
6	4.534	243	246	250	rVB4	2899	4484	0.18%	0.019%
7	5.028	325	330	331	rBV3	2657	4364	0.17%	0.018%
8	6.044	494	503	516	rBV	47849	86907	3.44%	0.366%
9	6.391	558	562	566	rVB3	3797	4374	0.17%	0.018%
10	6.661	604	608	614	rVB6	2320	3821	0.15%	0.016%
11	7.178	687	696	708	rVB	71182	156187	6.18%	0.658%
12	7.343	717	724	739	rVB	204320	362563	14.34%	1.527%
13	7.554	752	760	774	rBV	255305	460727	18.22%	1.940%
14	8.024	834	840	846	rBV	205123	348833	13.80%	1.469%
15	8.089	846	851	861	rVB	74090	131170	5.19%	0.552%
16	8.647	942	946	953	rBV3	2105	3944	0.16%	0.017%
17	8.735	953	961	973	rVV	207165	390271	15.43%	1.643%
18	8.817	973	975	976	rVV2	3945	3948	0.16%	0.017%
19	8.852	976	981	987	rVB2	15985	27822	1.10%	0.117%
20	9.129	1020	1028	1032	rBV	37050	63806	2.52%	0.269%
21	9.193	1032	1039	1057	rVB	271806	520903	20.60%	2.193%
22	9.370	1063	1069	1076	rVB4	5217	10375	0.41%	0.044%
23	9.757	1129	1135	1141	rVB5	6039	10714	0.42%	0.045%
24	9.922	1155	1163	1181	rBV	245966	459024	18.15%	1.933%
25	10.080	1183	1190	1197	rBV2	16083	38189	1.51%	0.161%
26	10.192	1204	1209	1215	rBV4	2196	5499	0.22%	0.023%
27	10.327	1226	1232	1237	rBV	13844	23568	0.93%	0.099%
28	10.468	1248	1256	1273	rBV	385517	759340	30.03%	3.197%
29	10.639	1277	1285	1291	rVV5	5391	11393	0.45%	0.048%
30	10.750	1298	1304	1314	rBV2	14898	28762	1.14%	0.121%
31	10.850	1314	1321	1329	rBV	277402	514357	20.34%	2.166%
32	10.985	1341	1344	1345	rBV2	2553	2856	0.11%	0.012%
33	11.391	1407	1413	1417	rBV2	25832	46530	1.84%	0.196%
34	11.449	1417	1423	1428	rVV	30436	59976	2.37%	0.253%

LSC Area Percent Report

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Acq On : 10 Aug 2019 17:17
Operator : HP/JU
Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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	11.502	1430	1432	1442	rVB2	8900	14379	0.57%	0.061%
36	11.673	1453	1461	1464	rBV4	4057	8531	0.34%	0.036%
37	12.025	1515	1521	1526	rBV3	1928	3522	0.14%	0.015%
38	12.137	1534	1540	1550	rBV	43662	91296	3.61%	0.384%
39	12.437	1587	1591	1598	rVB2	8971	15452	0.61%	0.065%
40	12.959	1671	1680	1681	rBV3	2488	3467	0.14%	0.015%
41	13.042	1688	1694	1700	rBV	13305	21560	0.85%	0.091%
42	13.142	1707	1711	1715	rVB2	2023	3604	0.14%	0.015%
43	13.294	1729	1737	1744	rBV2	25895	41158	1.63%	0.173%
44	13.524	1770	1776	1782	rBV3	6298	10154	0.40%	0.043%
45	13.600	1782	1789	1802	rVV	68291	141282	5.59%	0.595%
46	13.900	1836	1840	1846	rVB4	2443	3892	0.15%	0.016%
47	14.088	1865	1872	1887	rBV	761245	1152785	45.59%	4.854%
48	14.217	1892	1894	1899	rVB2	2637	2964	0.12%	0.012%
49	14.375	1910	1921	1933	rBV	918150	1502422	59.42%	6.326%
50	14.546	1945	1950	1954	rBV3	3201	5105	0.20%	0.021%
51	14.634	1959	1965	1968	rBV2	17156	26999	1.07%	0.114%
52	14.687	1968	1974	1982	rVV	490668	793243	31.37%	3.340%
53	14.757	1984	1986	1991	rVB2	3065	4267	0.17%	0.018%
54	14.887	2002	2008	2021	rBV2	38294	101137	4.00%	0.426%
55	15.274	2070	2074	2080	rVB4	2979	4571	0.18%	0.019%
56	15.363	2085	2089	2093	rVV5	3599	6444	0.25%	0.027%
57	15.421	2096	2099	2105	rVV	11210	15656	0.62%	0.066%
58	15.498	2105	2112	2117	rVV2	19815	33792	1.34%	0.142%
59	15.680	2136	2143	2157	rBV	1201063	1905579	75.36%	8.024%
60	15.797	2157	2163	2174	rBV	304658	481237	19.03%	2.026%
61	15.921	2180	2184	2190	rVB2	15881	22090	0.87%	0.093%
62	16.038	2198	2204	2209	rBV3	8611	12935	0.51%	0.054%
63	16.420	2265	2269	2271	rBV2	3019	2850	0.11%	0.012%
64	16.461	2272	2276	2283	rVB3	5057	8009	0.32%	0.034%
65	16.696	2311	2316	2319	rBV3	2018	3136	0.12%	0.013%
66	17.237	2406	2408	2414	rVB4	2678	3475	0.14%	0.015%
67	17.437	2435	2442	2452	rBV2	621848	961367	38.02%	4.048%
68	17.536	2452	2459	2472	rVV2	1333027	2068979	81.82%	8.712%
69	17.719	2487	2490	2496	rVB3	3188	5218	0.21%	0.022%
70	18.106	2551	2556	2561	rBV	45267	54625	2.16%	0.230%
71	18.336	2589	2595	2603	rBV4	9063	21657	0.86%	0.091%

LSC Area Percent Report

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Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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	18.400	2603	2606	2612	rVB	7570	10977	0.43%	0.046%
73	18.670	2649	2652	2656	rBV6	2001	3505	0.14%	0.015%
74	18.823	2675	2678	2682	rBV4	1723	2998	0.12%	0.013%
75	19.264	2750	2753	2754	rBV3	2922	3051	0.12%	0.013%
76	19.352	2765	2768	2771	rBV3	2127	3261	0.13%	0.014%
77	19.399	2771	2776	2779	rBV7	3753	5665	0.22%	0.024%
78	19.464	2782	2787	2793	rVV	20831	30625	1.21%	0.129%
79	19.558	2801	2803	2807	rBV4	2464	2969	0.12%	0.013%
80	19.593	2807	2809	2813	rBV5	4251	6997	0.28%	0.029%
81	19.716	2826	2830	2833	rBV	15865	20553	0.81%	0.087%
82	19.828	2842	2849	2857	rBV	1738124	2488390	98.41%	10.478%
83	21.720	3165	3171	3181	rBV2	644601	1093629	43.25%	4.605%
84	23.224	3419	3427	3438	rBV4	135245	356290	14.09%	1.500%
85	24.769	3679	3690	3705	rBV	860783	2528554	100.00%	10.647%
86	24.987	3718	3727	3749	rVB	379722	1175992	46.51%	4.952%

Sum of corrected areas: 23749567

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
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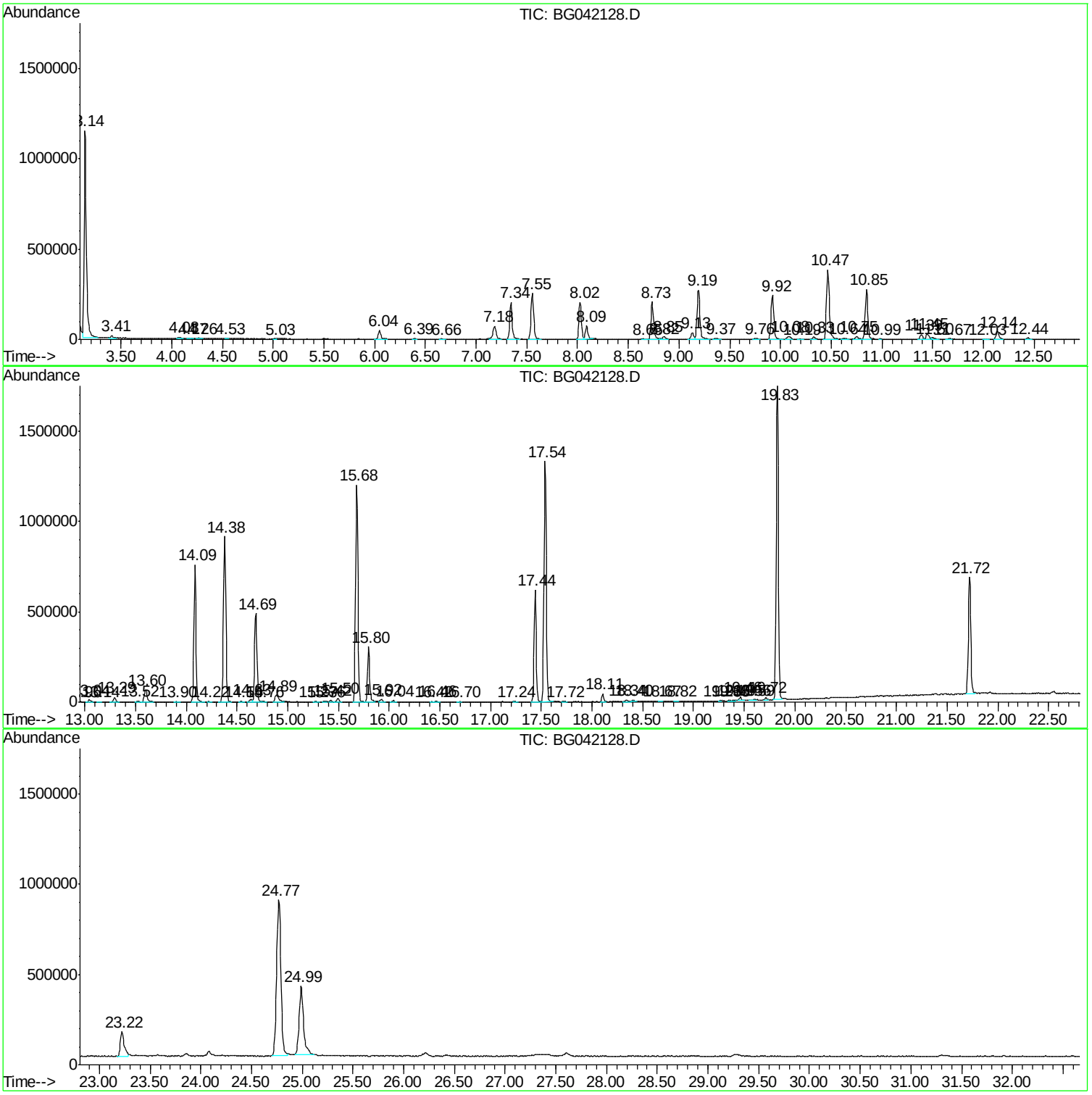
Operator : HP/JU
Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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\BG081019\
Data File : BG042128.D
Acq On : 10 Aug 2019 17:17
Operator : HP/JU
Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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

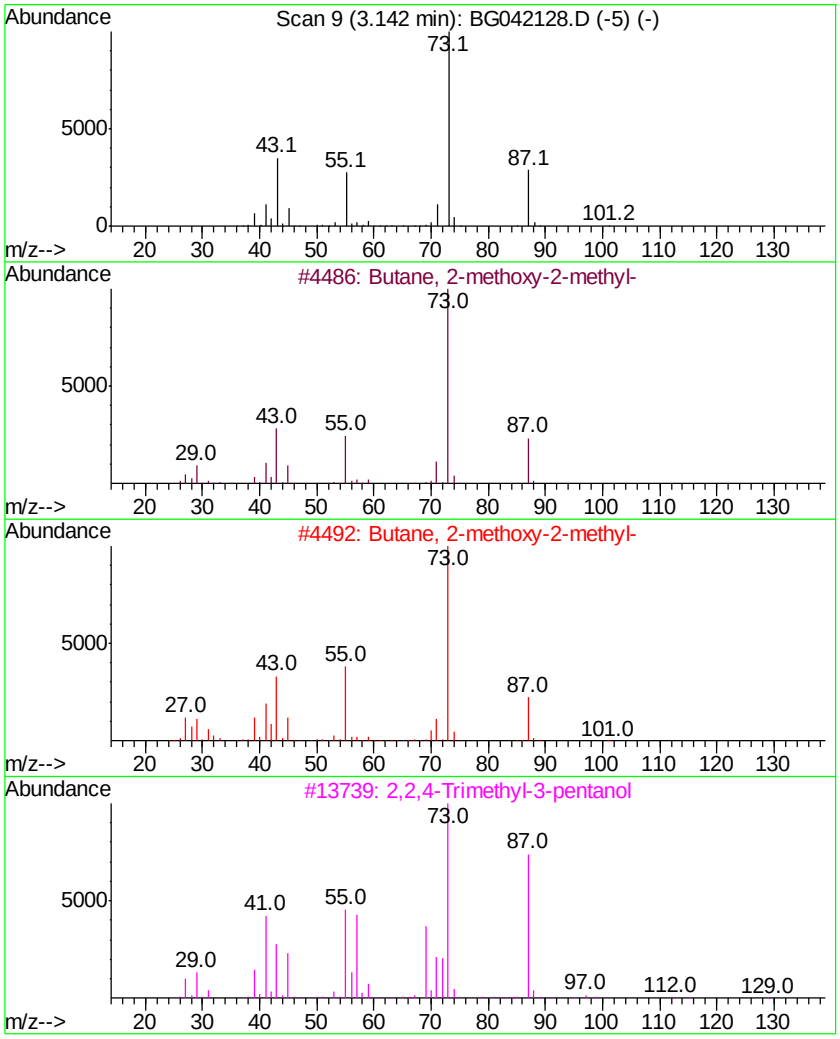
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

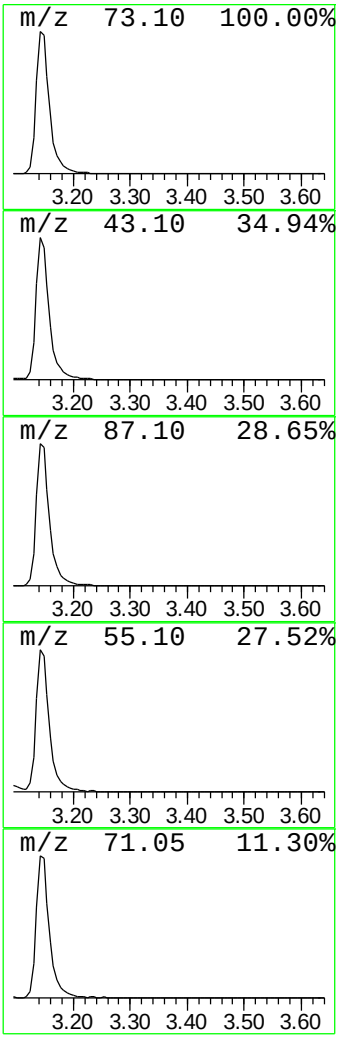
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	106.73 ng/ul	1861550	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042128.D
Acq On : 10 Aug 2019 17:17
Operator : HP/JU
Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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

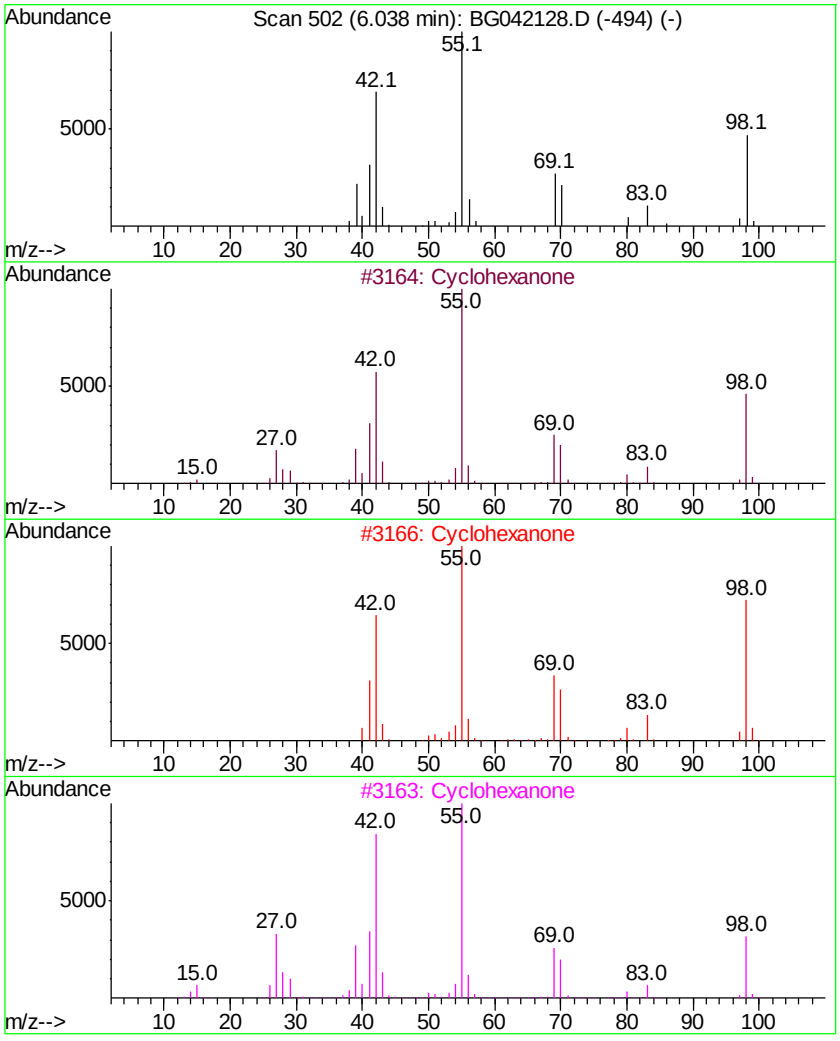
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

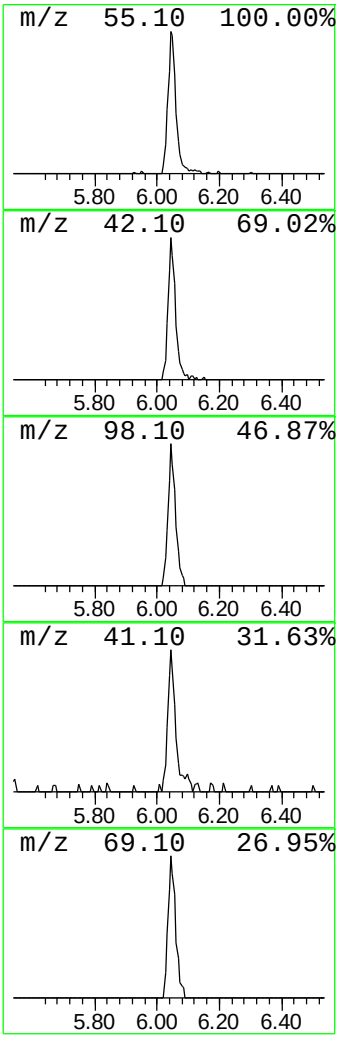
****

Peak Number 2 Cyclohexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	4.98 ng/ul	86907	1,4-Dichlorobenzene-d4	8.02

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	Cyclohexanone	98	C6H10O	000108-94-1	90
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	74
5	Cyclohexanone	98	C6H10O	000108-94-1	64





Library Search Compound Report

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Data File : BG042128.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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

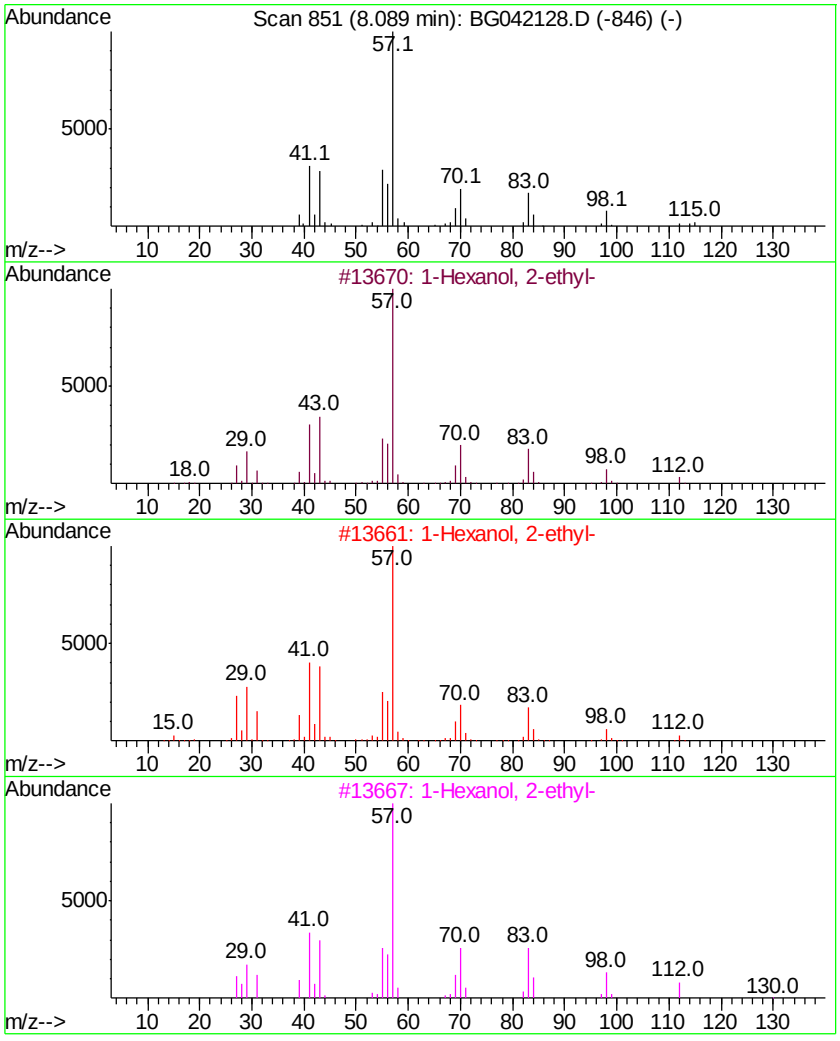
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

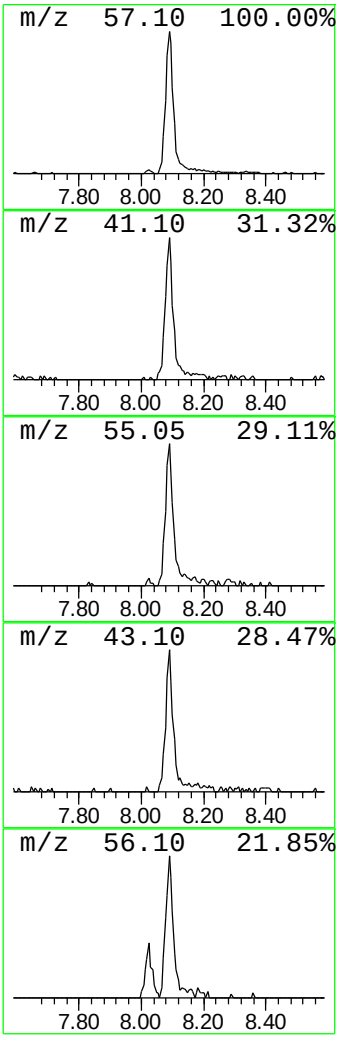
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	7.52 ng/ul	131170	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	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AE2

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

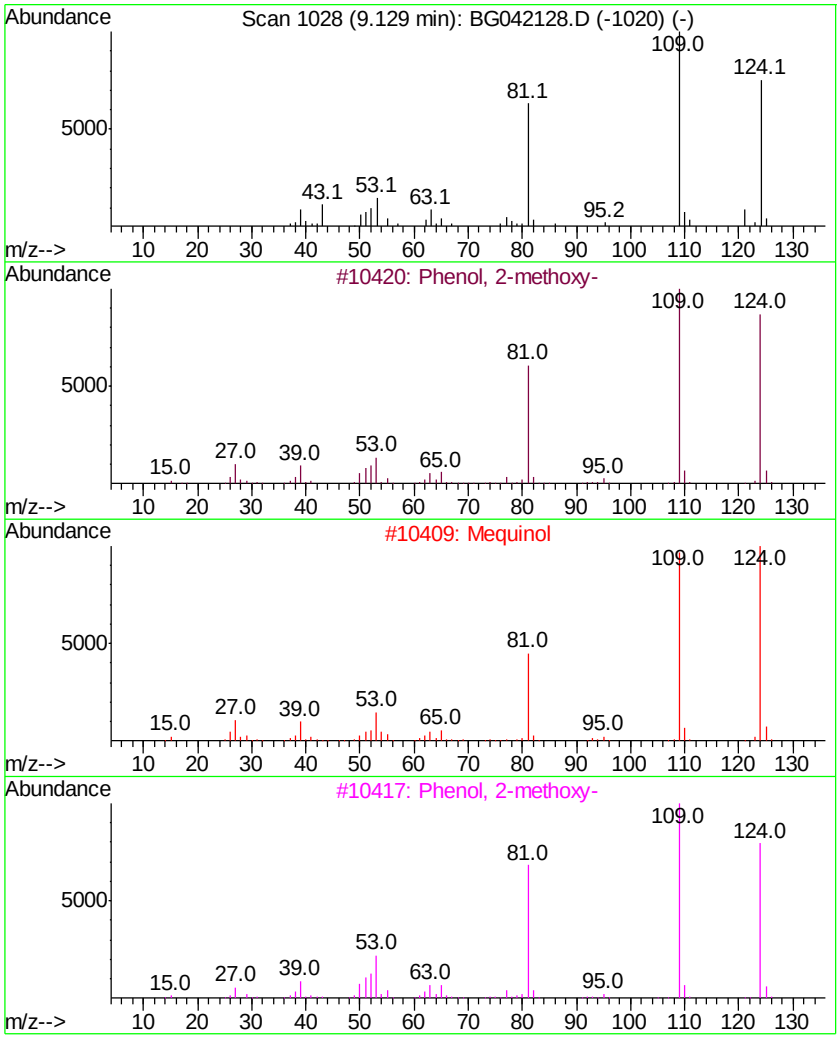
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

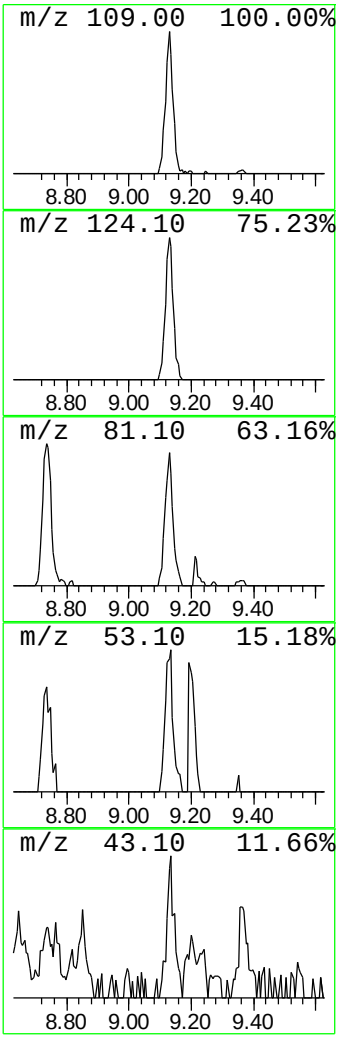
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	3.66 ng/ul	63806	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
2	Mequinol	124	C7H8O2	000150-76-5	90
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	78
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	76





Library Search Compound Report

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Operator : HP/JU
Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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

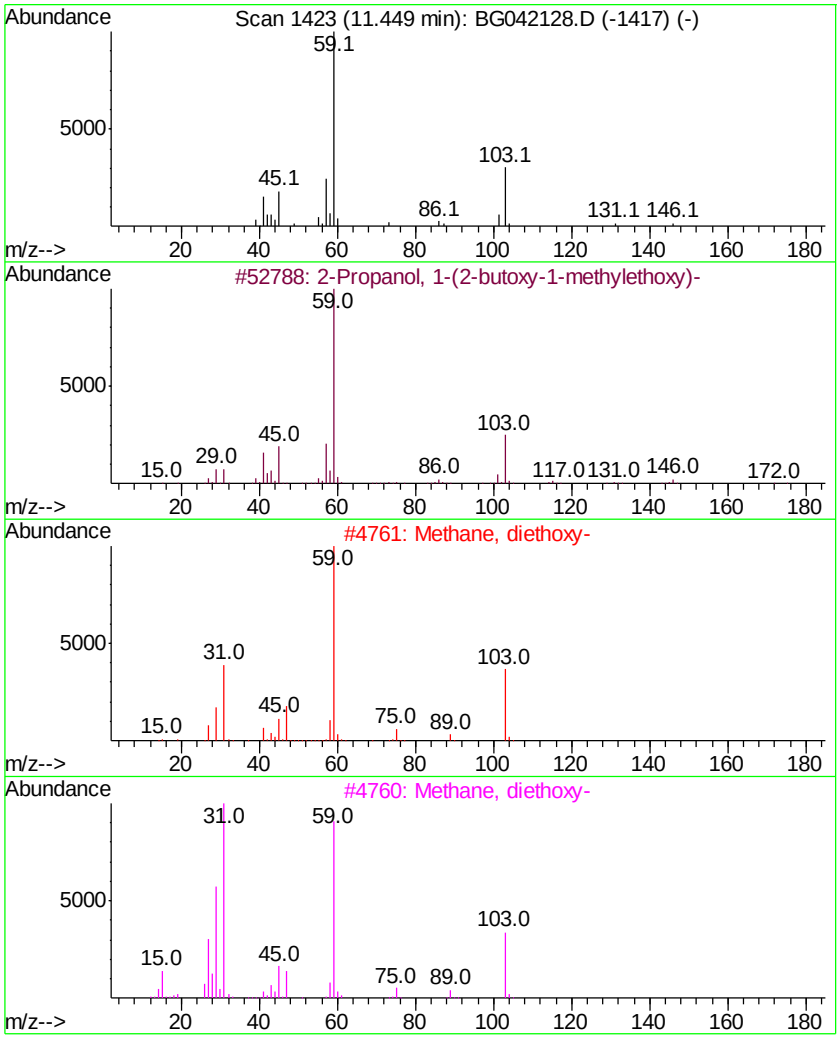
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

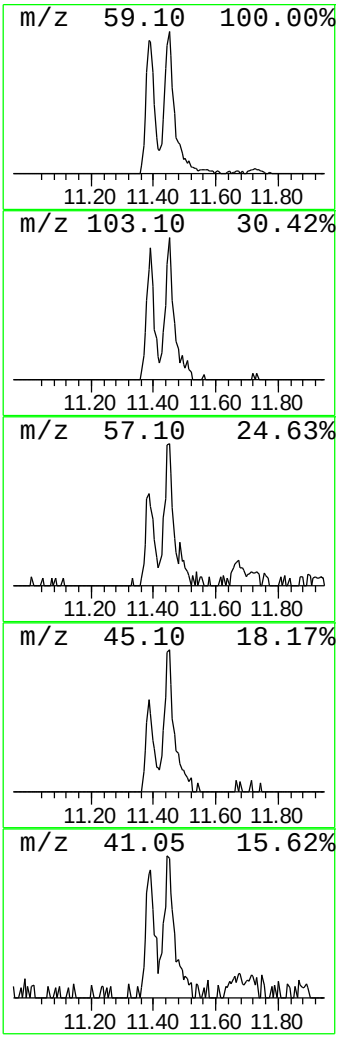
****

Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	2.33 ng/ul	59976	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	90
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	80
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	80
4	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	78
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78





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Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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

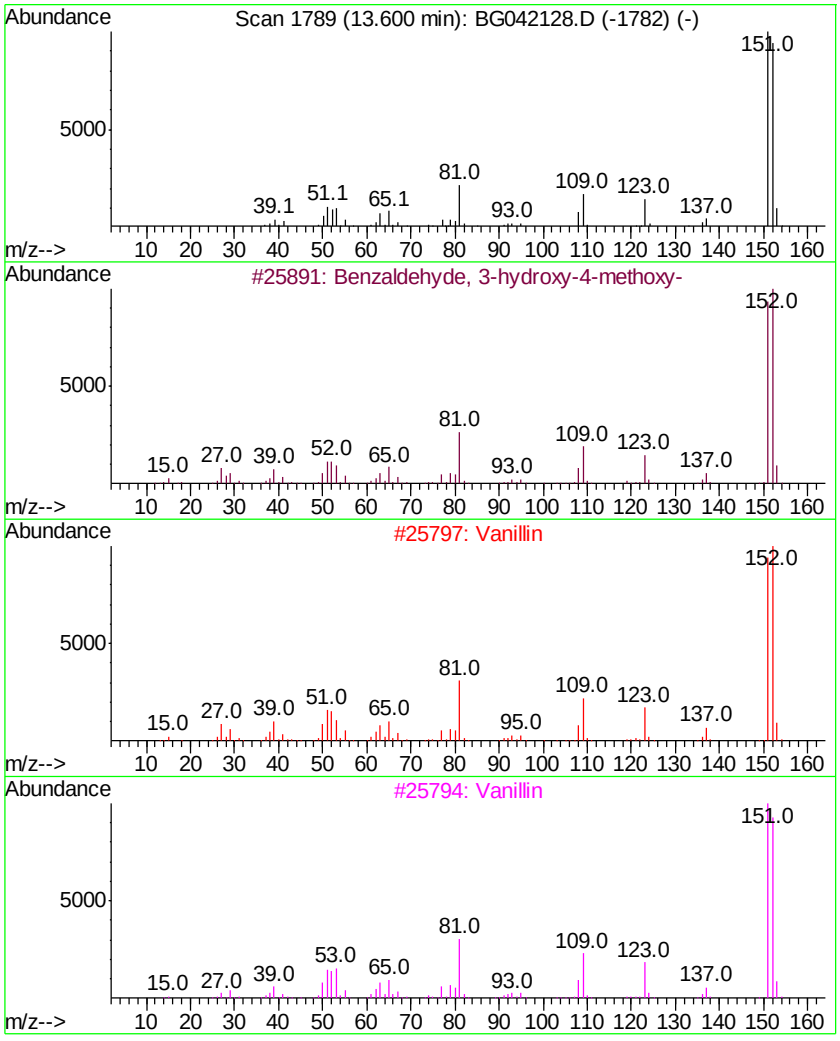
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

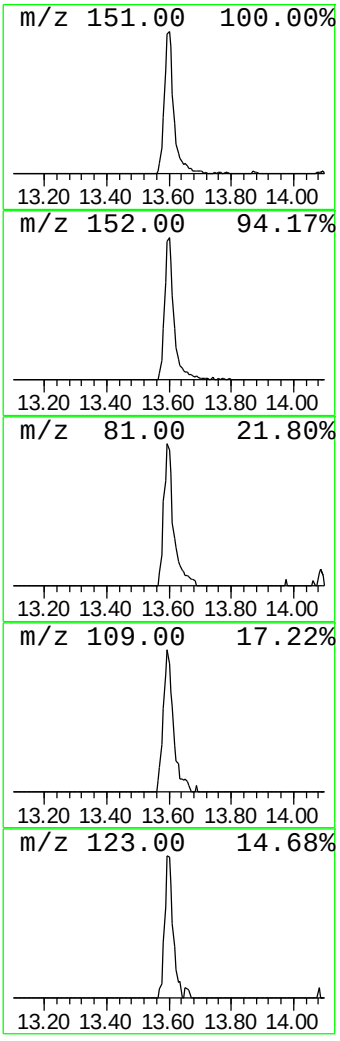
****

Peak Number 6 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.56 ng/ul	141282	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	95
5	Vanillin	152	C8H8O3	000121-33-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042128.D
Acq On : 10 Aug 2019 17:17
Operator : HP/JU
Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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

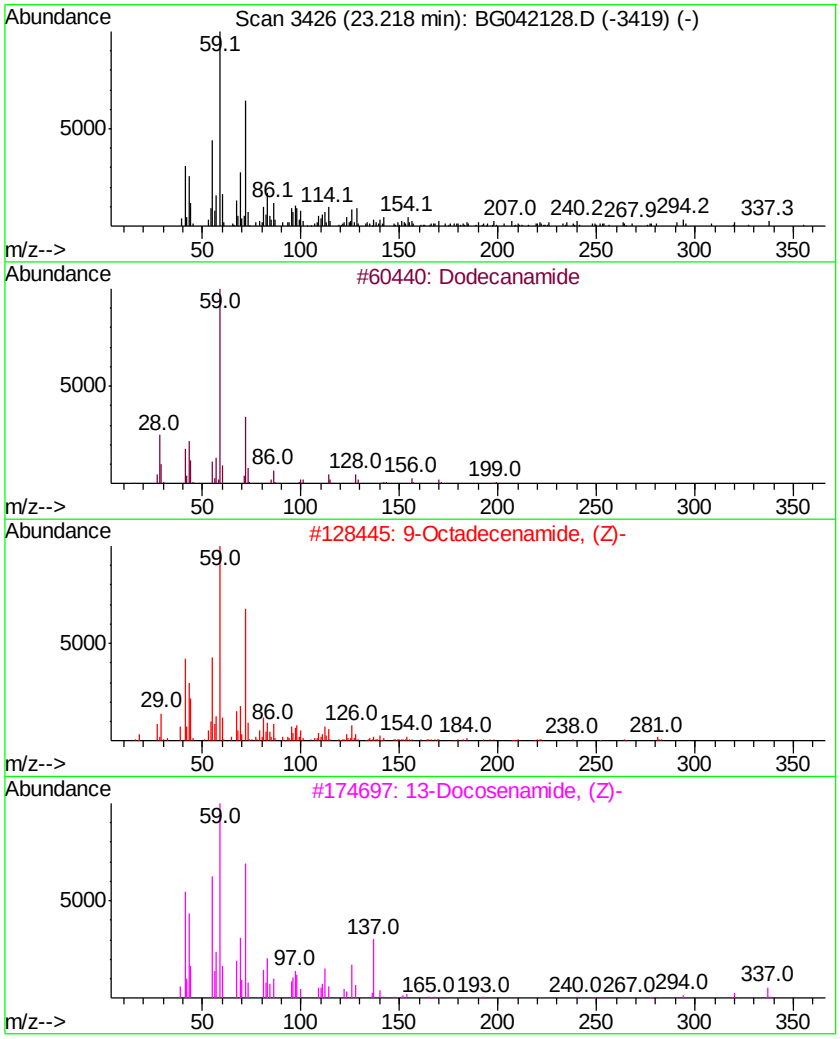
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

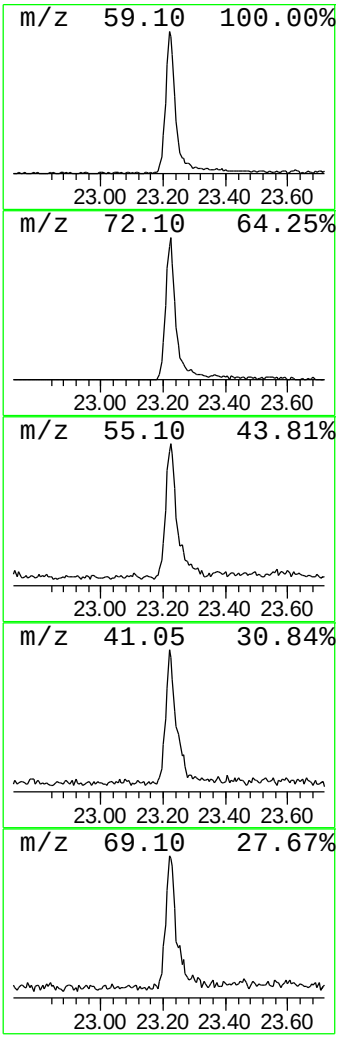
****

Peak Number 7 Dodecanamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	6.52 ng/ul	356290	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide	199	C12H25NO	001120-16-7	92
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081019\
Data File : BG042128.D
Acq On : 10 Aug 2019 17:17
Operator : HP/JU
Sample : K4184-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

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...	3.14	106.7	ng/ul	1861550	1	8.02	348833	20.0
Cyclohexanone	6.04	5.0	ng/ul	86907	1	8.02	348833	20.0
1-Hexanol, 2-ethyl-	8.09	7.5	ng/ul	131170	1	8.02	348833	20.0
Phenol, 2-methoxy-	9.13	3.7	ng/ul	63806	1	8.02	348833	20.0
2-Propanol, 1-(2-...	11.45	2.3	ng/ul	59976	2	10.85	514357	20.0
Benzaldehyde, 3-h...	13.60	3.6	ng/ul	141282	3	14.69	793243	20.0
Dodecanamide	23.22	6.5	ng/ul	356290	5	21.72	1093630	20.0