LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042038.D
Acq On : 7 Aug 2019 19:30
Operator : HP/JU
Sample : K4029-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT7

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	3.143	5	9	37	rVB	1390579	2278097	100.00%	9.954%
2	3.408	52	54	61	rVB3	9439	12268	0.54%	0.054%
3	3.942	141	145	151	rVB4	9586	14216	0.62%	0.062%
4	4.077	162	168	176	rVB	10741	18865	0.83%	0.082%
5	4.171	181	184	188	rVB2	6348	7931	0.35%	0.035%
6	5.100	338	342	351	rVB6	4235	8605	0.38%	0.038%
7	7.174	688	695	707	rBV	138061	286784	12.59%	1.253%
8	7.344	716	724	733	rBV	125799	220729	9.69%	0.964%
9	7.556	753	760	770	rVB	161794	291327	12.79%	1.273%
10	8.026	833	840	848	rBV	219752	376120	16.51%	1.643%
11	8.731	953	960	973	rBV	114900	221000	9.70%	0.966%
12	9.189	1031	1038	1049	rBV	166962	307296	13.49%	1.343%
13	9.641	1110	1115	1121	rVB5	5219	8810	0.39%	0.038%
14	9.918	1155	1162	1173	rBV	142295	269411	11.83%	1.177%
15	10.464	1248	1255	1271	rVV	220922	425381	18.67%	1.859%
16	10.852	1313	1321	1328	rBV	319694	581308	25.52%	2.540%
17	10.981	1336	1343	1356	rBV	133680	280968	12.33%	1.228%
18	12.444	1588	1592	1596	rBV2	3744	5628	0.25%	0.025%
19	12.520	1599	1605	1610	rVB3	3197	6209	0.27%	0.027%
20	12.732	1635	1641	1647	rBV	4485	8313	0.36%	0.036%
21	13.719	1808	1809	1821	rVB2	2701	4833	0.21%	0.021%
22	14.013	1853	1859	1864	rBV2	6869	12770	0.56%	0.056%
23	14.083	1864	1871	1875	rVV	537698	786438	34.52%	3.436%
24	14.130	1875	1879	1888	rVB	245635	364640	16.01%	1.593%
25	14.377	1914	1921	1935	rBV	588691	947132	41.58%	4.138%
26	14.688	1965	1974	1981	rVV	560055	906103	39.77%	3.959%
27	14.753	1981	1985	1989	rVB	12114	19167	0.84%	0.084%
28	14.871	1999	2005	2020	rBV	91364	200724	8.81%	0.877%
29	15.094	2038	2043	2050	rVB4	18948	32845	1.44%	0.144%
30	15.164	2050	2055	2060	rVB4	3096	5714	0.25%	0.025%
31	15.423	2094	2099	2103	rBV2	7893	12389	0.54%	0.054%
32	15.482	2105	2109	2113	rVV4	3062	5878	0.26%	0.026%
33	15.540	2116	2119	2123	rVB2	3998	4308	0.19%	0.019%
34	15.681	2133	2143	2149	rBV	813640	1262874	55.44%	5.518%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
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Acq On : 7 Aug 2019 19:30
Operator : HP/JU
Sample : K4029-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT7

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	15.734	2149	2152	2156	rVB3	16380	21336	0.94%	0.093%
36	15.793	2156	2162	2171	rBV	146131	250973	11.02%	1.097%
37	15.864	2171	2174	2176	rVB4	4779	5658	0.25%	0.025%
38	15.916	2178	2183	2186	rBV3	6869	12482	0.55%	0.055%
39	16.028	2197	2202	2203	rBV5	2238	4092	0.18%	0.018%
40	16.404	2262	2266	2273	rVV6	8464	16658	0.73%	0.073%
41	16.463	2273	2276	2280	rVB4	4101	5860	0.26%	0.026%
42	16.745	2322	2324	2326	rVV3	6230	6901	0.30%	0.030%
43	16.792	2328	2332	2337	rVB6	6146	10513	0.46%	0.046%
44	16.904	2346	2351	2355	rVB7	4367	7730	0.34%	0.034%
45	16.956	2355	2360	2361	rBV4	3057	4168	0.18%	0.018%
46	17.092	2378	2383	2386	rBV2	8019	11380	0.50%	0.050%
47	17.197	2398	2401	2403	rVV2	5836	6891	0.30%	0.030%
48	17.256	2406	2411	2415	rVB	13883	19274	0.85%	0.084%
49	17.350	2424	2427	2433	rBV7	3183	5174	0.23%	0.023%
50	17.438	2435	2442	2446	rBV2	754171	1146297	50.32%	5.009%
51	17.479	2446	2449	2453	rVV	158250	220512	9.68%	0.964%
52	17.538	2453	2459	2471	rVV	895370	1397853	61.36%	6.108%
53	17.626	2471	2474	2481	rVV9	6077	11040	0.48%	0.048%
54	17.849	2505	2512	2514	rBV2	5976	11121	0.49%	0.049%
55	17.938	2523	2527	2529	rBV5	6541	6336	0.28%	0.028%
56	17.955	2529	2530	2537	rVB5	4928	5519	0.24%	0.024%
57	18.026	2537	2542	2545	rBV	15303	23463	1.03%	0.103%
58	18.173	2561	2567	2571	rBV2	7095	12227	0.54%	0.053%
59	18.225	2571	2576	2581	rVB9	5377	11464	0.50%	0.050%
60	18.267	2581	2583	2586	rBV4	3719	4996	0.22%	0.022%
61	18.325	2586	2593	2597	rBV2	71737	149707	6.57%	0.654%
62	18.361	2597	2599	2604	rVB	54478	74215	3.26%	0.324%
63	18.443	2609	2613	2618	rVV	15382	24761	1.09%	0.108%
64	18.508	2618	2624	2628	rVV3	57285	108722	4.77%	0.475%
65	18.543	2628	2630	2639	rVB	39364	56645	2.49%	0.248%
66	18.625	2639	2644	2647	rBV5	8709	14215	0.62%	0.062%
67	18.719	2656	2660	2662	rVB4	5561	5404	0.24%	0.024%
68	18.813	2672	2676	2679	rBV	28140	39024	1.71%	0.171%
69	18.848	2679	2682	2690	rVB3	28341	46803	2.05%	0.205%
70	18.936	2695	2697	2701	rVB4	5291	6140	0.27%	0.027%
71	19.060	2709	2718	2723	rBV7	20902	50699	2.23%	0.222%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4029-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT7

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	19.113	2723	2727	2729	rVV	15398	20599	0.90%	0.090%
73	19.148	2729	2733	2736	rVB5	12550	17351	0.76%	0.076%
74	19.230	2742	2747	2751	rBV2	40783	70146	3.08%	0.306%
75	19.365	2766	2770	2777	rBV5	22941	46829	2.06%	0.205%
76	19.489	2783	2791	2798	rBV	215289	313144	13.75%	1.368%
77	19.547	2799	2801	2805	rBV5	11395	12104	0.53%	0.053%
78	19.589	2805	2808	2813	rBV5	12862	21858	0.96%	0.096%
79	19.688	2820	2825	2827	rBV5	9940	18117	0.80%	0.079%
80	19.824	2842	2848	2861	rBV2	1174076	2056161	90.26%	8.984%
81	19.923	2863	2865	2872	rVB2	20136	32245	1.42%	0.141%
82	20.082	2890	2892	2898	rVB6	12214	13693	0.60%	0.060%
83	20.311	2926	2931	2932	rBV4	26705	36786	1.61%	0.161%
84	20.341	2933	2936	2942	rVB2	52246	89888	3.95%	0.393%
85	20.441	2950	2953	2958	rVB	33988	47559	2.09%	0.208%
86	20.499	2958	2963	2967	rBV2	39450	62111	2.73%	0.271%
87	20.646	2983	2988	2991	rBV	34812	54958	2.41%	0.240%
88	20.687	2991	2995	2999	rVV	30758	45625	2.00%	0.199%
89	20.858	3022	3024	3027	rVB	25485	24179	1.06%	0.106%
90	21.363	3103	3110	3120	rBV6	131244	310288	13.62%	1.356%
91	21.721	3162	3171	3176	rBV2	796828	1563794	68.64%	6.833%
92	21.763	3176	3178	3188	rVB	123301	193792	8.51%	0.847%
93	21.927	3201	3206	3213	rBV3	53811	102505	4.50%	0.448%
94	22.550	3307	3312	3320	rVB3	69226	128594	5.64%	0.562%
95	23.261	3428	3433	3440	rVB	62553	119414	5.24%	0.522%
96	23.948	3543	3550	3557	rBV	67030	212582	9.33%	0.929%
97	24.083	3567	3573	3579	rVB3	83973	178661	7.84%	0.781%
98	24.677	3668	3674	3679	rBV2	38008	99103	4.35%	0.433%
99	24.765	3679	3689	3697	rVV	589593	1586459	69.64%	6.932%
100	24.988	3716	3727	3735	rBV2	475100	1396388	61.30%	6.101%

Sum of corrected areas: 22886267

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042038.D
Acq On : 7 Aug 2019 19:30
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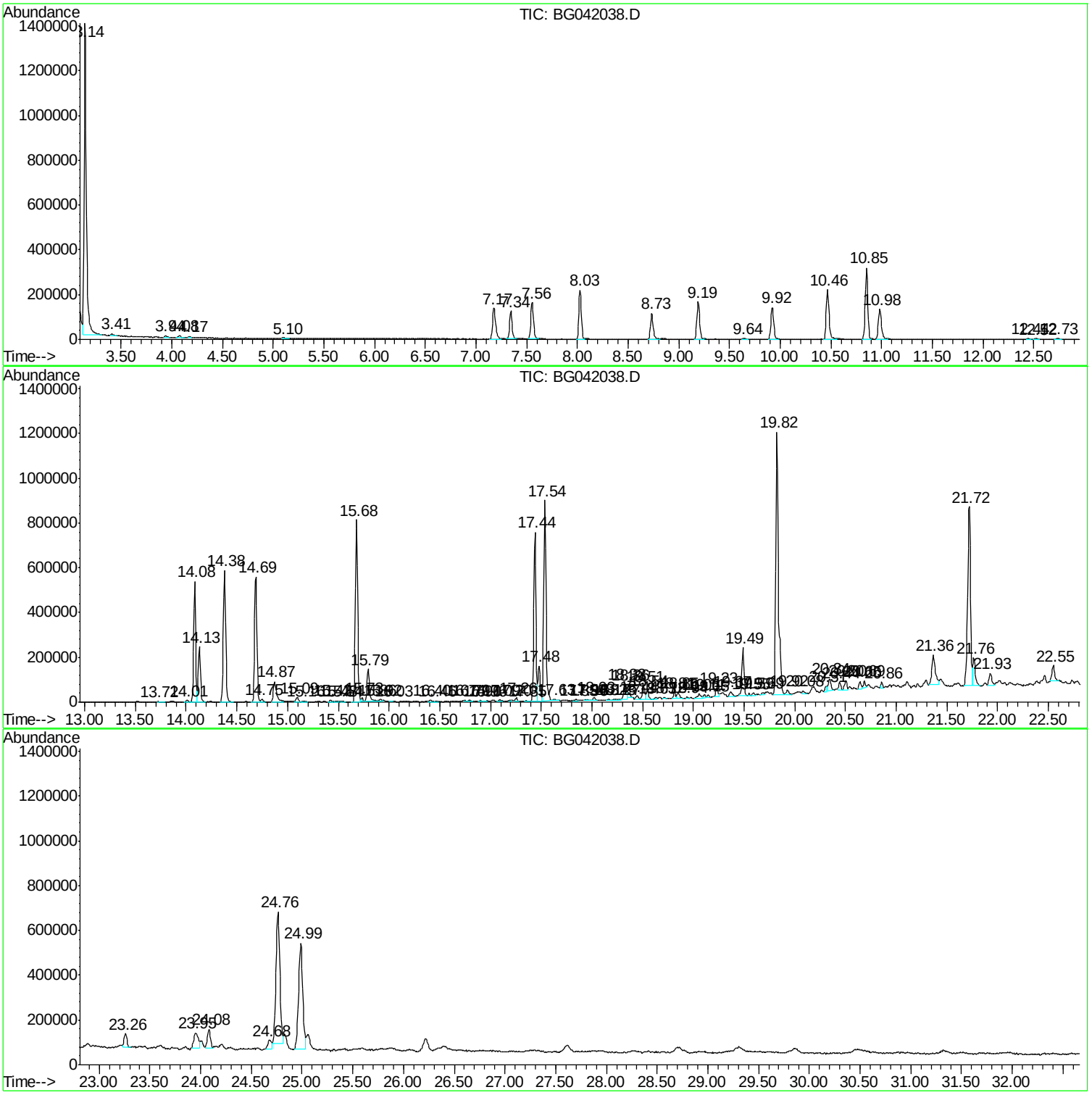
Sample : K4029-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT7

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\BG080719\
Data File : BG042038.D
Acq On : 7 Aug 2019 19:30
Operator : HP/JU
Sample : K4029-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT7

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

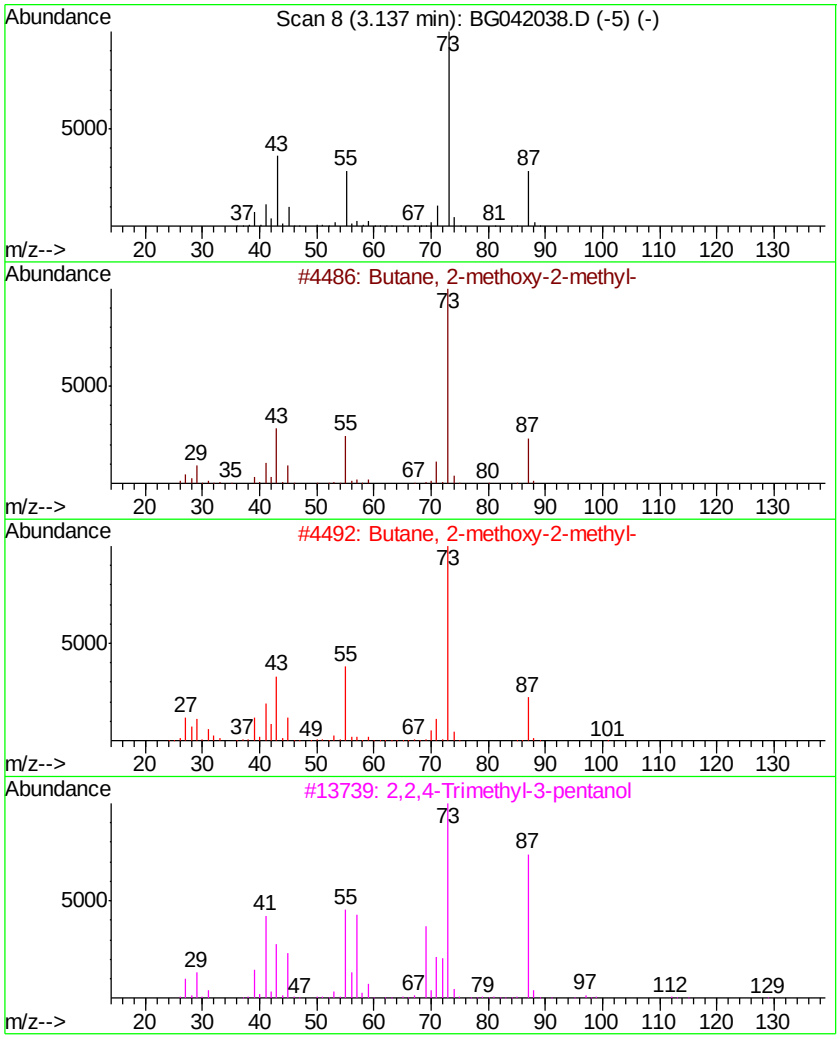
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

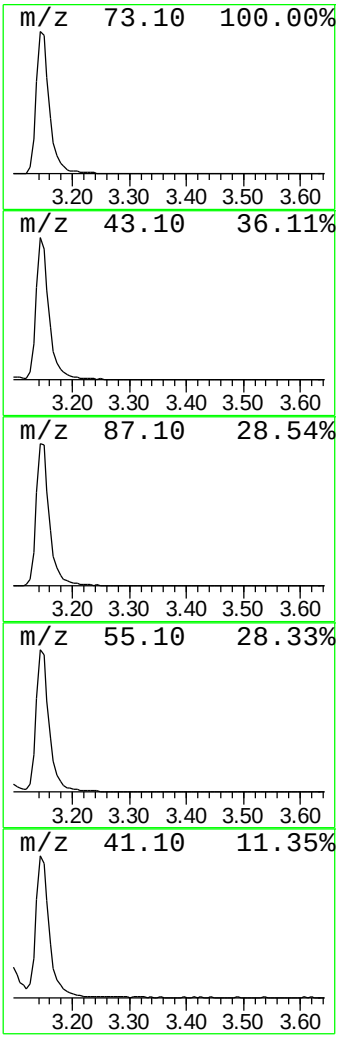
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	121.14 ng/ul	2278100	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	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
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Instrument : BNA_G
ClientSampleId : BENT7

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

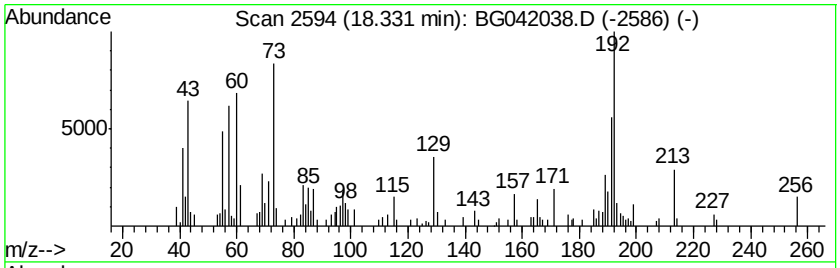
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

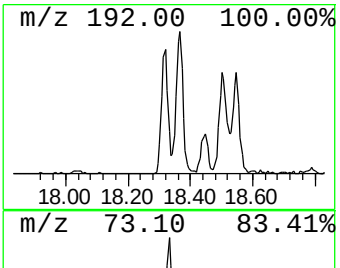
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.61 ng/ul	149707	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	78
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
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Acq On : 7 Aug 2019 19:30
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Sample : K4029-18
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Instrument : BNA_G
ClientSampleId : BENT7

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

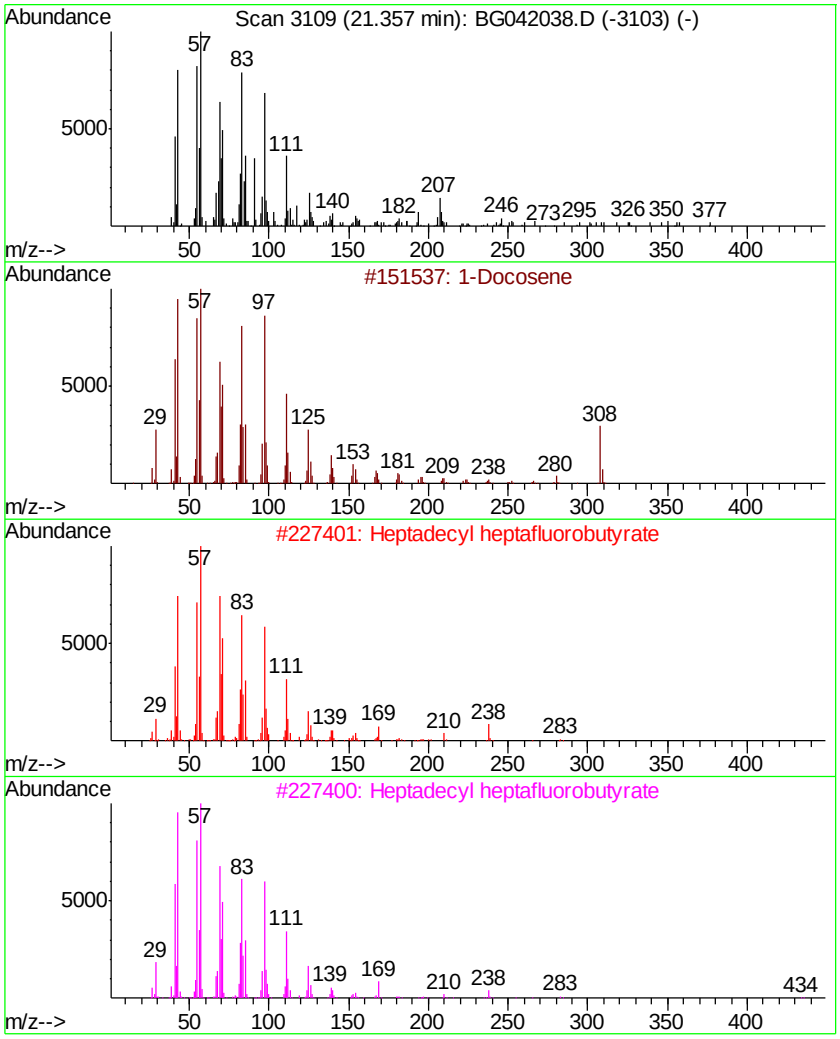
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

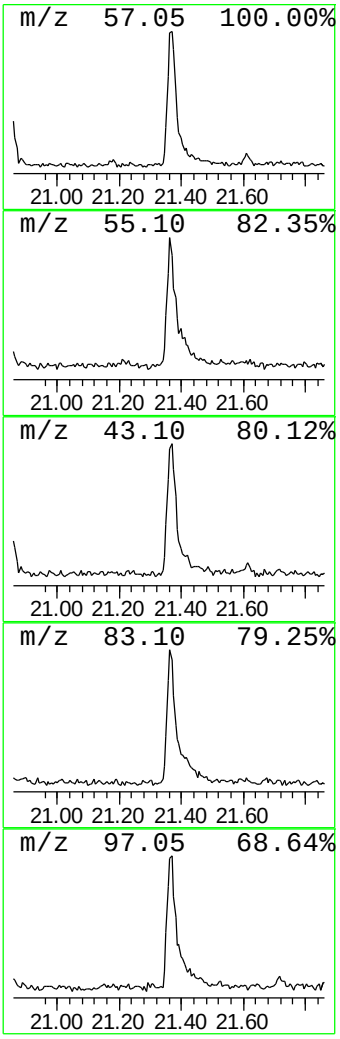
****

Peak Number 3 (DEL) Alkane: Cyclic21.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.97 ng/ul	310288	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5	1-Octadecene	252	C18H36	000112-88-9	93





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Sample : K4029-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENT7

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

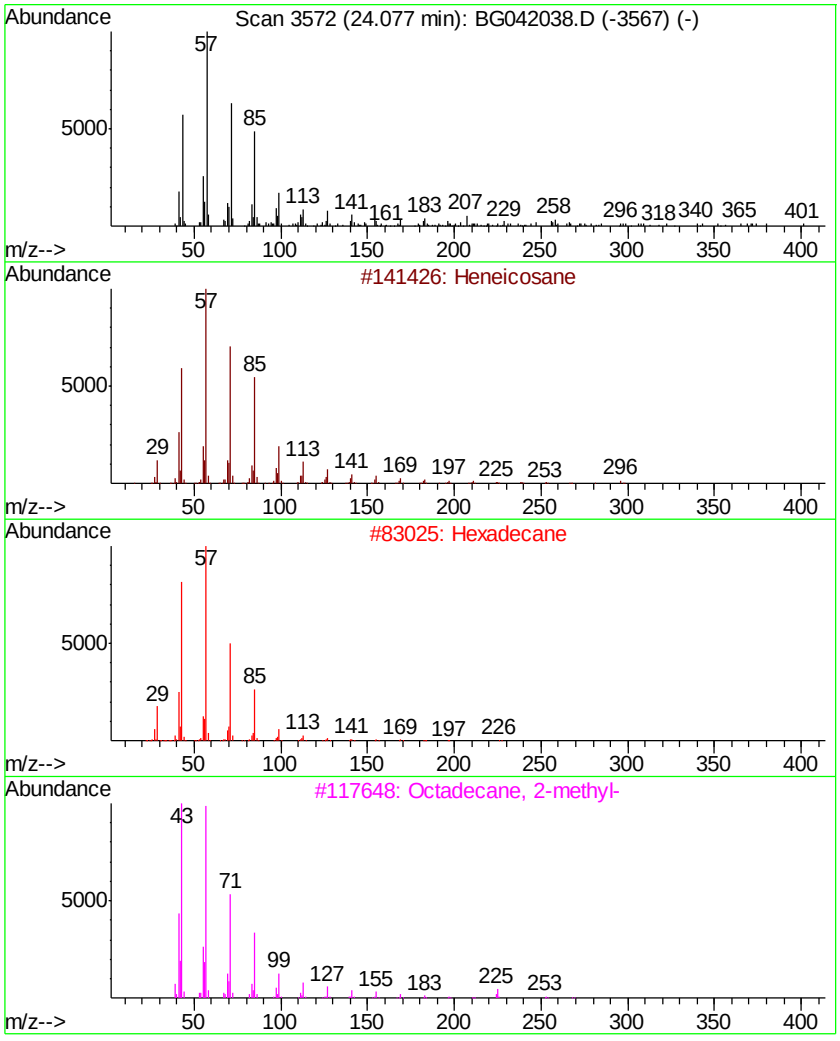
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

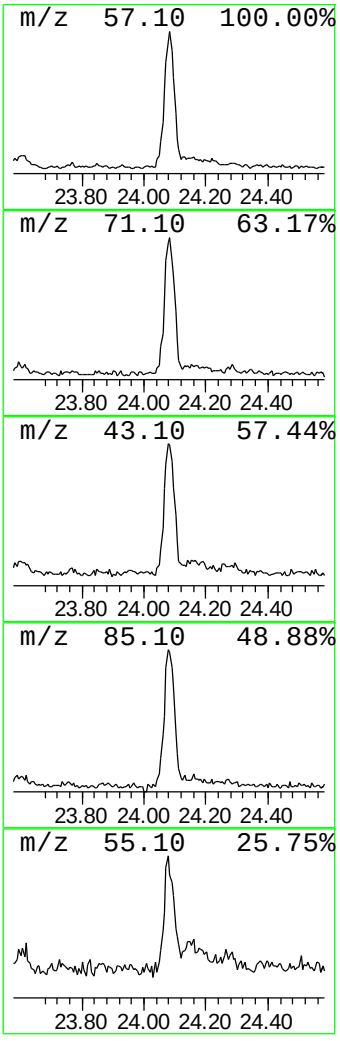
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.56 ng/ul	178661	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	Eicosane	282	C20H42	000112-95-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Data File : BG042038.D
Acq On : 7 Aug 2019 19:30
Operator : HP/JU
Sample : K4029-18
Misc :
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Instrument : BNA_G
ClientSampleId : BENT7

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	121.1	ng/ul	2278100	1	8.03	376120	20.0
Phenanthrene, 2-m...	18.33	2.6	ng/ul	149707	4	17.44	1146300	20.0
(DEL) Alkane: Cyc...	21.36	4.0	ng/ul	310288	5	21.72	1563790	20.0
(DEL) Alkane: Str...	24.08	2.6	ng/ul	178661	6	24.99	1396390	20.0