LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043117.D
Acq On : 10 Oct 2019 00:09
Operator : JU
Sample : K5175-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

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-BG100919MA.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	3.159	6	12	20	rBV	230886	437445	20.86%	2.059%
2	3.235	20	25	40	rVB	451831	721668	34.41%	3.397%
3	3.499	66	70	75	rVB4	10556	15600	0.74%	0.073%
4	4.022	154	159	164	rBV7	4243	7861	0.37%	0.037%
5	4.140	176	179	185	rBV6	4763	8202	0.39%	0.039%
6	5.156	347	352	362	rVV	13099	23784	1.13%	0.112%
7	7.224	697	704	721	rBV2	150870	369560	17.62%	1.740%
8	7.377	724	730	744	rVV	132072	260470	12.42%	1.226%
9	7.589	759	766	779	rBV	188858	369586	17.62%	1.740%
10	7.859	808	812	815	rBV2	2110	3879	0.18%	0.018%
11	8.053	838	845	859	rBV	172922	329338	15.70%	1.550%
12	8.770	959	967	980	rBV2	153396	356947	17.02%	1.680%
13	9.216	1034	1043	1053	rBV	192921	380077	18.12%	1.789%
14	9.281	1053	1054	1058	rVV3	6457	7237	0.35%	0.034%
15	9.346	1062	1065	1068	rVV2	2441	4077	0.19%	0.019%
16	9.645	1110	1116	1122	rVB2	5171	7763	0.37%	0.037%
17	9.939	1157	1166	1177	rBV	160568	343401	16.37%	1.617%
18	10.409	1242	1246	1247	rBV2	3842	3802	0.18%	0.018%
19	10.485	1251	1259	1273	rBV	209066	462784	22.06%	2.179%
20	10.861	1315	1323	1332	rBV	246158	475753	22.68%	2.240%
21	10.997	1338	1346	1357	rBV	176639	413172	19.70%	1.945%
22	11.132	1368	1369	1373	rVB3	4233	3970	0.19%	0.019%
23	14.081	1863	1871	1875	rBV	597740	915966	43.67%	4.312%
24	14.122	1875	1878	1887	rVB	188807	297546	14.19%	1.401%
25	14.369	1914	1920	1937	rBV	617638	1041025	49.63%	4.901%
26	14.675	1965	1972	1982	rBV	455283	750387	35.78%	3.532%
27	14.892	2002	2009	2020	rBV4	60764	204521	9.75%	0.963%
28	14.962	2020	2021	2026	rVB3	6336	10026	0.48%	0.047%
29	15.098	2040	2044	2053	rVB8	9371	20742	0.99%	0.098%
30	15.521	2112	2116	2120	rVB4	3287	4578	0.22%	0.022%
31	15.668	2134	2141	2154	rBV	815755	1349894	64.36%	6.355%
32	15.779	2154	2160	2173	rVV	205800	378219	18.03%	1.780%
33	15.903	2177	2181	2189	rVB5	11333	24198	1.15%	0.114%
34	16.443	2270	2273	2274	rBV2	4425	4473	0.21%	0.021%

LSC Area Percent Report

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Data File : BG043117.D
Acq On : 10 Oct 2019 00:09
Operator : JU
Sample : K5175-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

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-BG100919MA.M
Title : SVOA CALIBRATION

35	16.555	2288	2292	2296	rVB3	3026	3964	0.19%	0.019%
36	16.960	2356	2361	2364	rBV3	8367	11696	0.56%	0.055%
37	17.172	2393	2397	2400	rVV3	2484	3750	0.18%	0.018%
38	17.336	2423	2425	2429	rVB3	3518	3831	0.18%	0.018%
39	17.418	2432	2439	2449	rBV2	617393	1038300	49.50%	4.888%
40	17.518	2450	2456	2468	rVV	913038	1539215	73.39%	7.246%
41	17.606	2468	2471	2477	rVV5	15486	25206	1.20%	0.119%
42	18.082	2547	2552	2557	rVB6	4401	7686	0.37%	0.036%
43	18.188	2568	2570	2573	rBV3	4698	5410	0.26%	0.025%
44	18.311	2585	2591	2595	rBV2	89558	152674	7.28%	0.719%
45	18.494	2620	2622	2627	rVB6	5509	5870	0.28%	0.028%
46	18.594	2638	2639	2641	rBV2	6085	5487	0.26%	0.026%
47	18.658	2647	2650	2656	rBV6	7367	13503	0.64%	0.064%
48	18.723	2660	2661	2665	rVB3	6367	6406	0.31%	0.030%
49	18.805	2672	2675	2677	rBV4	3640	4211	0.20%	0.020%
50	18.911	2691	2693	2697	rBV4	2636	4203	0.20%	0.020%
51	19.146	2729	2733	2734	rVB4	3213	3842	0.18%	0.018%
52	19.163	2734	2736	2739	rBV2	4392	4091	0.20%	0.019%
53	19.228	2744	2747	2748	rBV3	4538	4058	0.19%	0.019%
54	19.440	2779	2783	2785	rBV	11939	16513	0.79%	0.078%
55	19.469	2785	2788	2795	rVV2	29780	44210	2.11%	0.208%
56	19.586	2804	2808	2810	rBV4	7055	12529	0.60%	0.059%
57	19.692	2822	2826	2829	rVB2	9983	12637	0.60%	0.059%
58	19.804	2838	2845	2855	rBV	1350922	2081641	99.25%	9.799%
59	19.892	2858	2860	2861	rVB2	6860	4094	0.20%	0.019%
60	20.021	2880	2882	2886	rVB5	5896	6316	0.30%	0.030%
61	20.292	2925	2928	2929	rBV3	6451	6658	0.32%	0.031%
62	20.327	2932	2934	2940	rVV6	10509	14946	0.71%	0.070%
63	20.415	2944	2949	2950	rBV5	6023	7744	0.37%	0.036%
64	20.550	2970	2972	2975	rBV4	4240	4903	0.23%	0.023%
65	20.615	2980	2983	2985	rBV3	10582	12747	0.61%	0.060%
66	20.750	3005	3006	3008	rBV2	5647	3866	0.18%	0.018%
67	20.826	3015	3019	3023	rBV4	20415	27702	1.32%	0.130%
68	21.085	3061	3063	3064	rBV2	6865	4420	0.21%	0.021%
69	21.290	3093	3098	3099	rBV4	11027	17741	0.85%	0.084%
70	21.331	3100	3105	3115	rVV4	130554	288480	13.75%	1.358%
71	21.414	3116	3119	3123	rVB	30168	46030	2.19%	0.217%

LSC Area Percent Report

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Sample : K5175-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

72	21.578	3145	3147	3151	rVB4	8482	6810	0.32%	0.032%
73	21.690	3158	3166	3180	rBV2	704186	1282999	61.17%	6.040%
74	21.878	3195	3198	3203	rVB4	29569	44993	2.15%	0.212%
75	22.489	3297	3302	3306	rBV3	46571	77058	3.67%	0.363%
76	22.771	3348	3350	3352	rBV3	5958	4813	0.23%	0.023%
77	23.182	3415	3420	3428	rVB2	62824	123633	5.89%	0.582%
78	23.376	3447	3453	3460	rVB2	61201	117474	5.60%	0.553%
79	23.776	3519	3521	3522	rBV2	9993	7214	0.34%	0.034%
80	23.870	3534	3537	3538	rBV3	9645	11065	0.53%	0.052%
81	23.987	3551	3557	3566	rVB2	63167	151862	7.24%	0.715%
82	24.128	3579	3581	3587	rBV7	6569	11217	0.53%	0.053%
83	24.246	3599	3601	3603	rBV	6326	4666	0.22%	0.022%
84	24.686	3665	3676	3695	rVB	735972	2097433	100.00%	9.874%
85	24.910	3703	3714	3729	rVB2	478519	1473514	70.25%	6.936%
86	26.055	3902	3909	3920	rVB4	52894	156097	7.44%	0.735%
87	26.173	3925	3929	3930	rBV4	8170	9572	0.46%	0.045%
88	27.025	4072	4074	4076	rBV3	5380	4717	0.22%	0.022%
89	27.418	4132	4141	4152	rVB4	39800	127522	6.08%	0.600%
90	28.247	4280	4282	4283	rBV2	6129	5113	0.24%	0.024%
91	28.382	4303	4305	4306	rBV	6576	6059	0.29%	0.029%
92	29.028	4413	4415	4416	rBV2	9267	7818	0.37%	0.037%
93	30.456	4656	4658	4661	rBV4	6078	9055	0.43%	0.043%
94	30.914	4734	4736	4738	rBV3	5259	4081	0.19%	0.019%
95	31.772	4880	4882	4884	rBV3	4574	4474	0.21%	0.021%
96	31.849	4894	4895	4897	rBV2	5792	4980	0.24%	0.023%
97	31.972	4914	4916	4917	rBV	5564	4140	0.20%	0.019%
98	32.031	4925	4926	4928	rBV2	5250	4284	0.20%	0.020%
99	32.107	4937	4939	4942	rBV4	5074	6769	0.32%	0.032%
100	32.548	5012	5014	5019	rBV5	5705	9037	0.43%	0.043%

Sum of corrected areas: 21243000

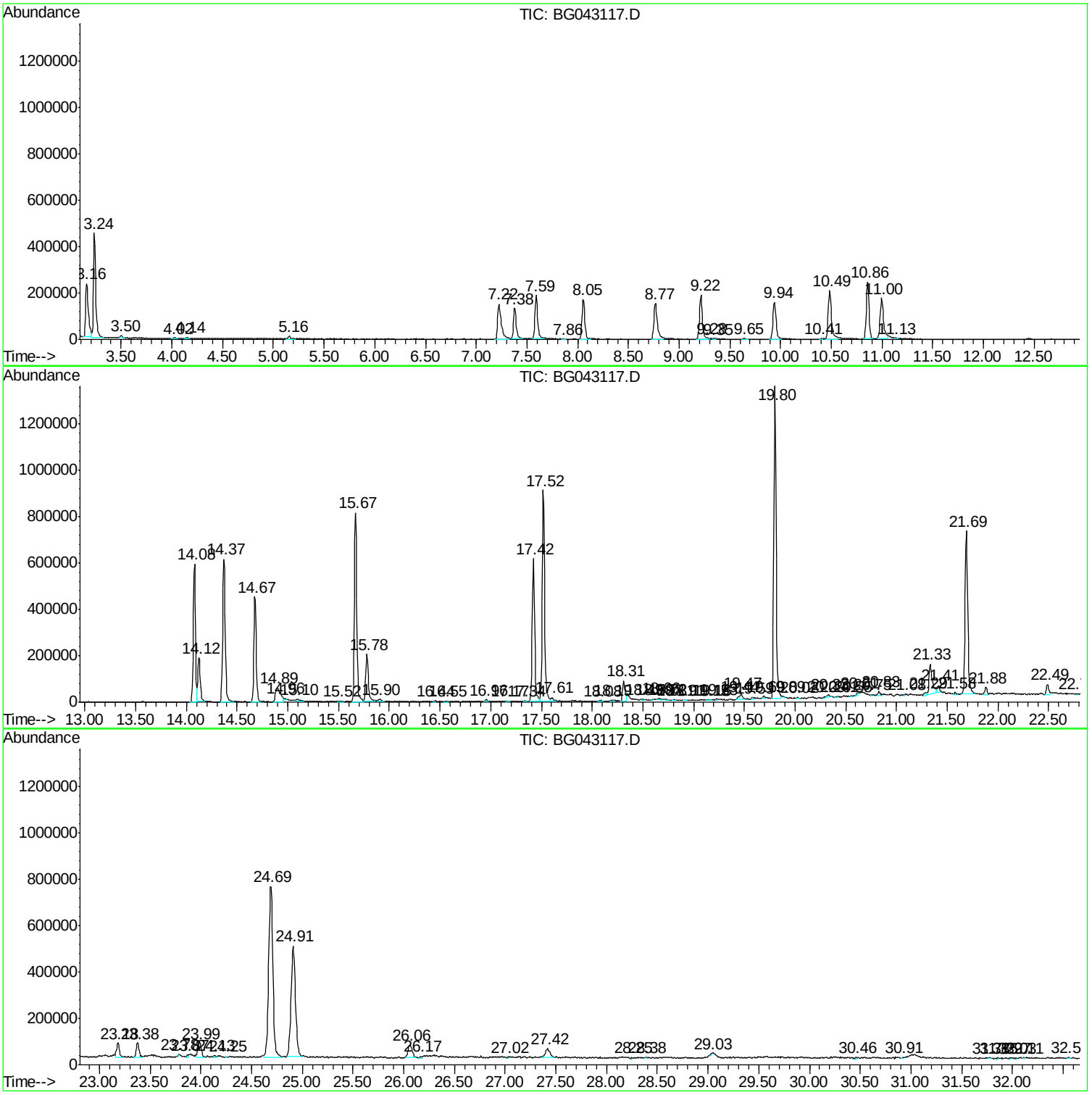
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043117.D
Acq On : 10 Oct 2019 00:09
Operator : JU
Sample : K5175-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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\BG100919\
Data File : BG043117.D
Acq On : 10 Oct 2019 00:09
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Instrument : BNA_G
ClientSampleId : BEPG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

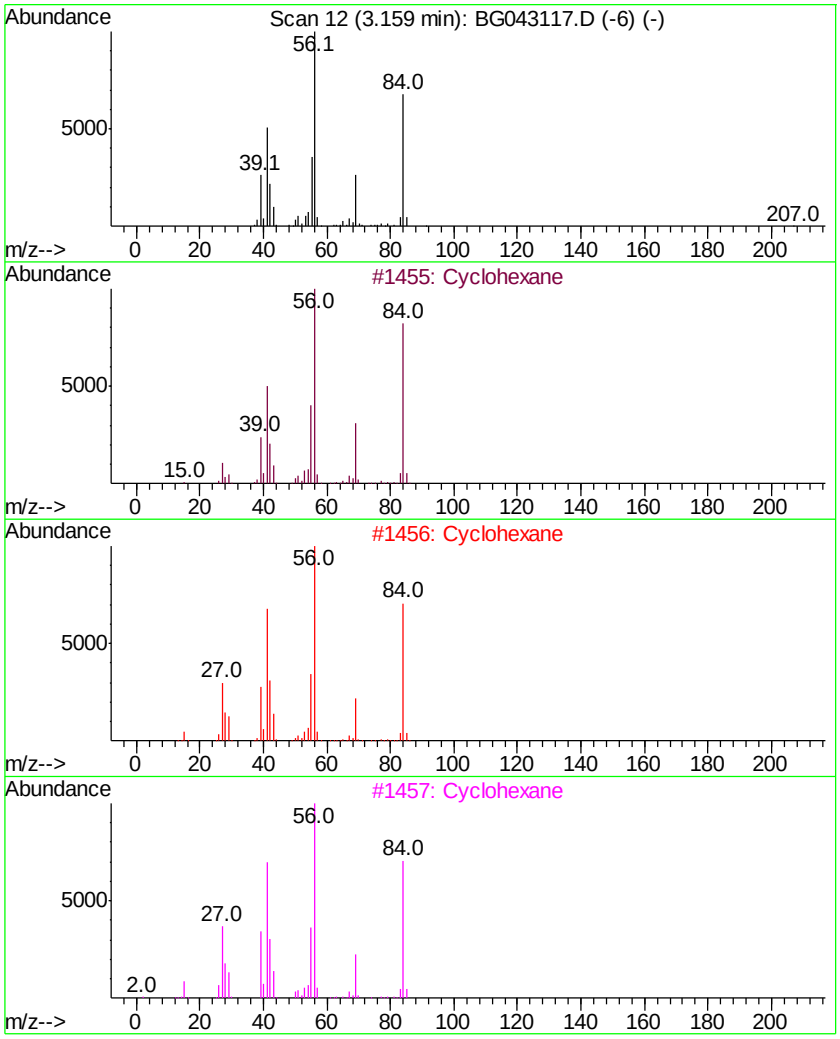
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

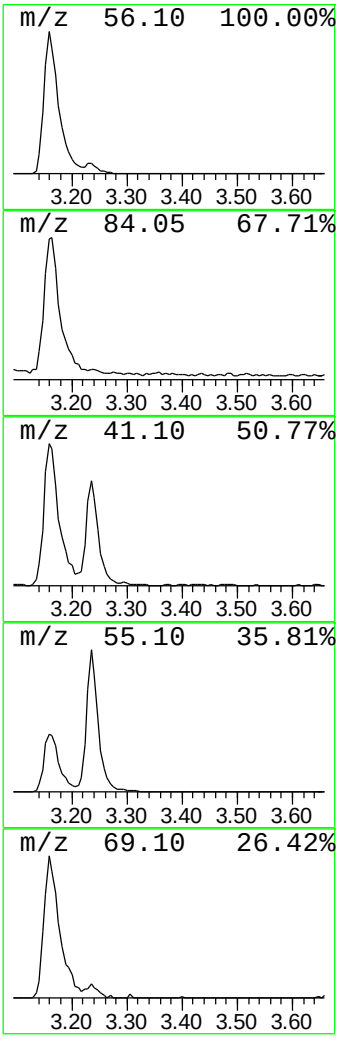
****

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	26.57 ng/ul	437445	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	90
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043117.D
Acq On : 10 Oct 2019 00:09
Operator : JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

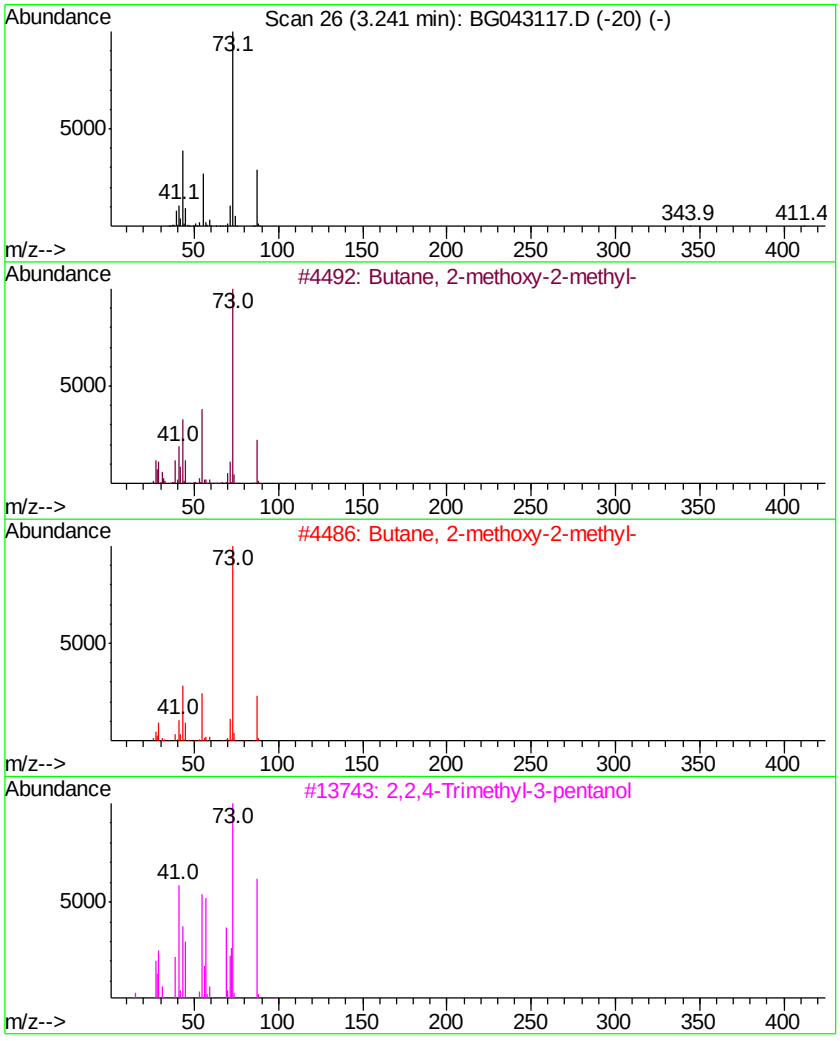
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

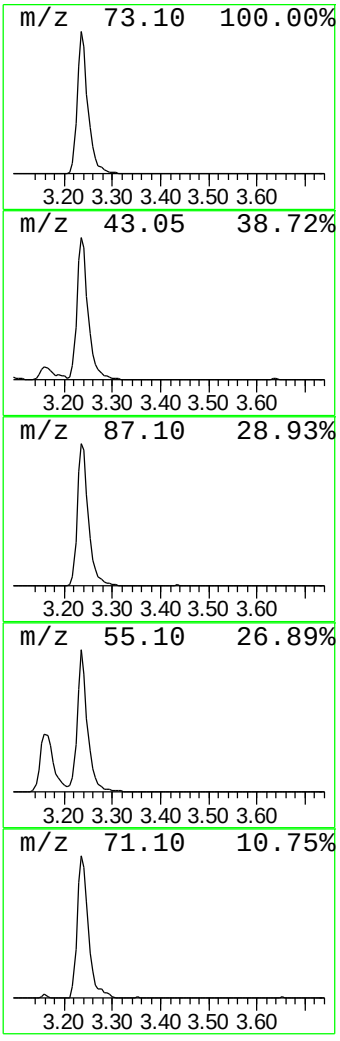
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	43.83 ng/ul	721668	1,4-Dichlorobenzene-d4	8.05

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	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Instrument : BNA_G
ClientSampleId : BEPG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

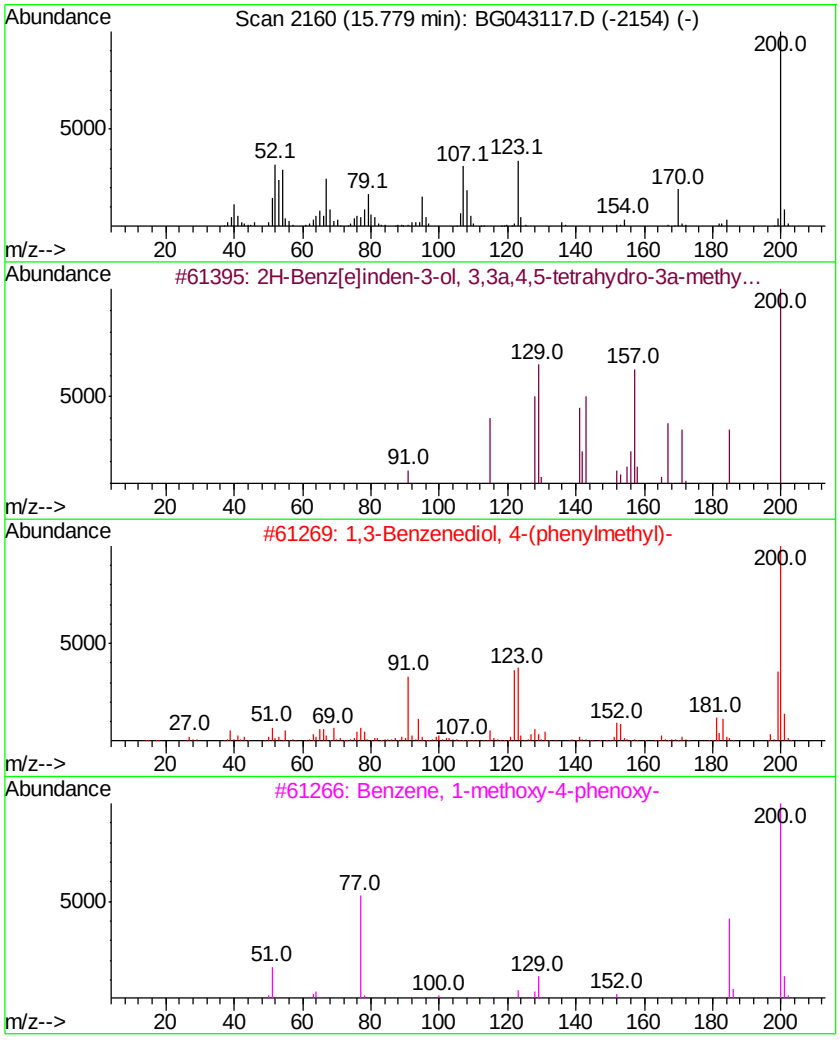
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

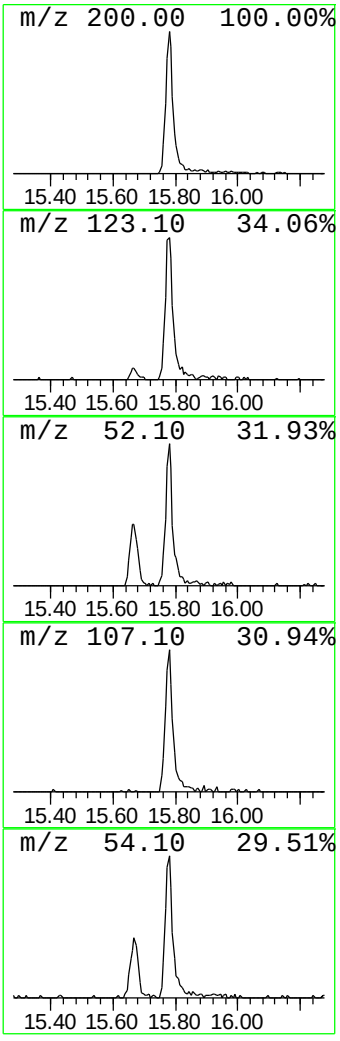
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	10.08 ng/ul	378219	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	35
2	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	27
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	18
4	6-Phenyl-1,6-dihydro-furo[3,4-d]...	200	C11H8N2O2	313263-12-6	16
5	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200	C13H12O2	016863-61-9	16





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

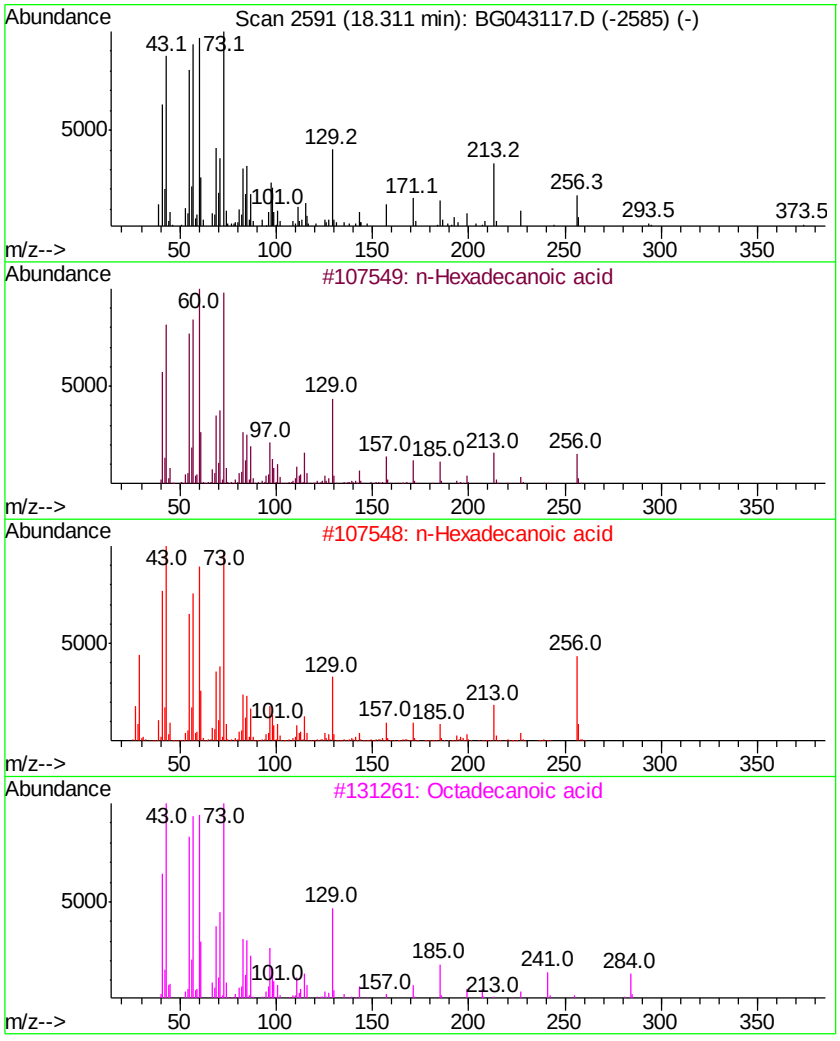
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

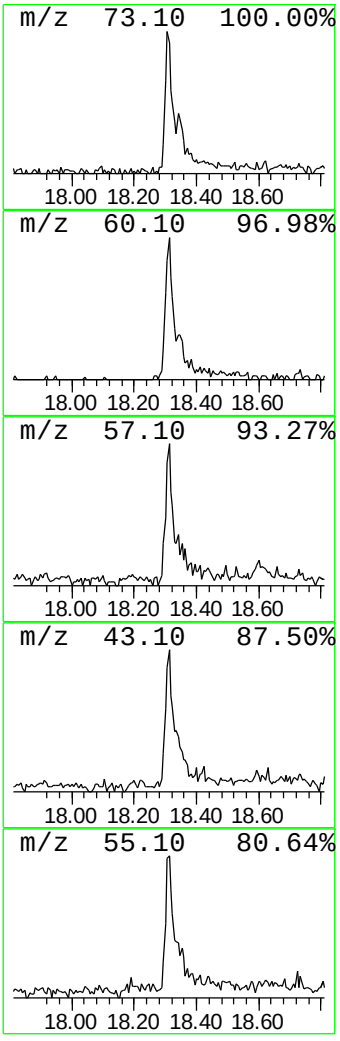
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.94 ng/ul	152674	Phenanthrene-d10	17.42

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	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





Library Search Compound Report

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Operator : JU
Sample : K5175-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

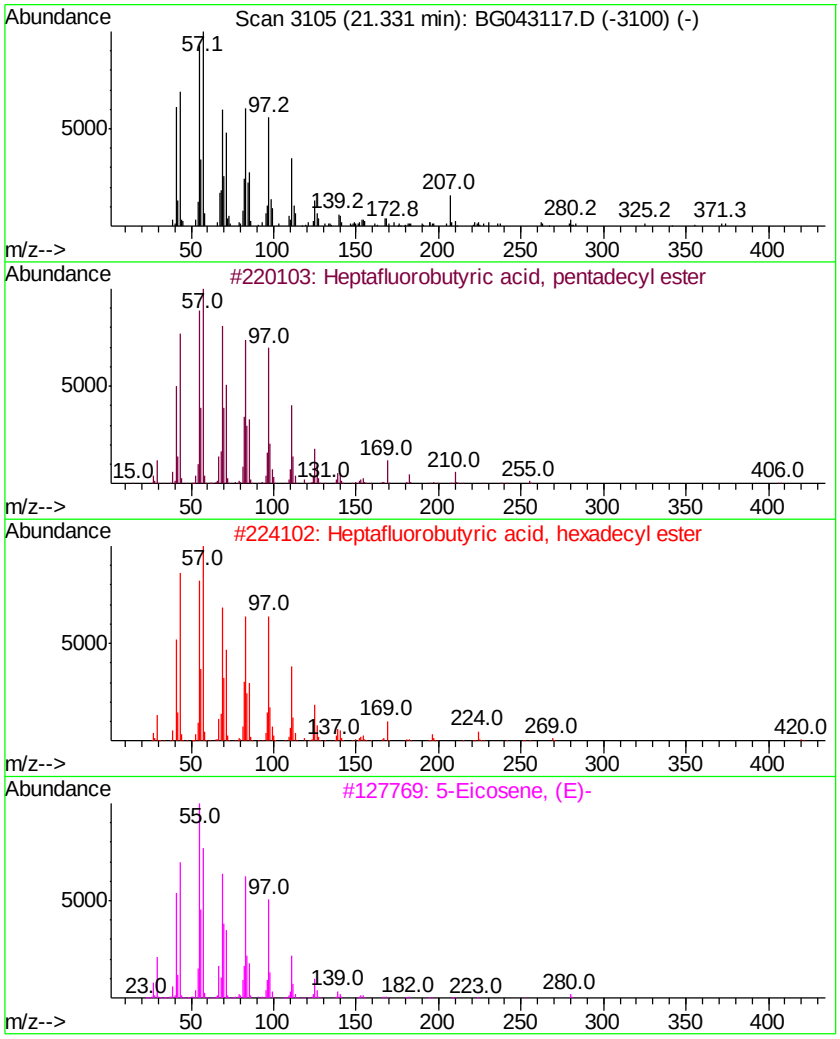
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

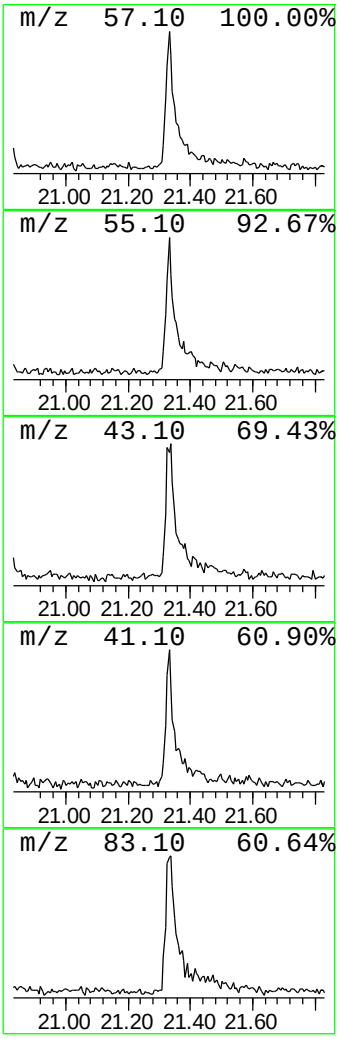
****

Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.50 ng/ul	288480	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





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Acq On : 10 Oct 2019 00:09
Operator : JU
Sample : K5175-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

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Quant Title : SVOA CALIBRATION

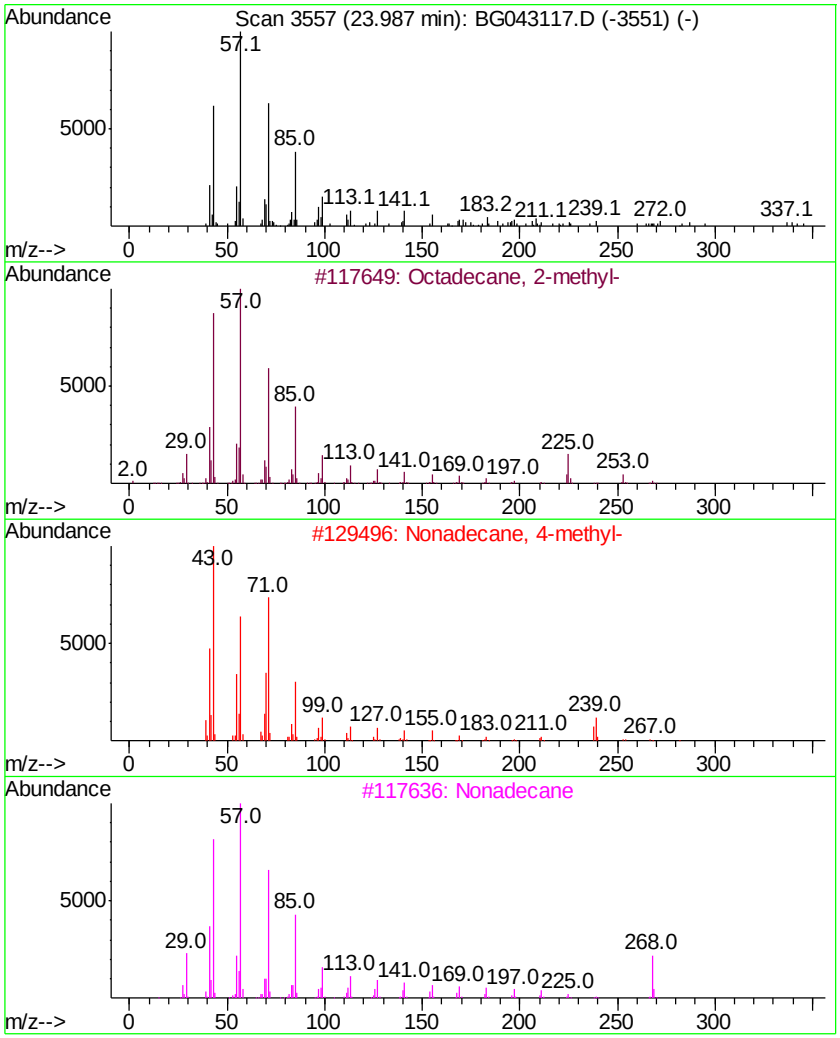
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

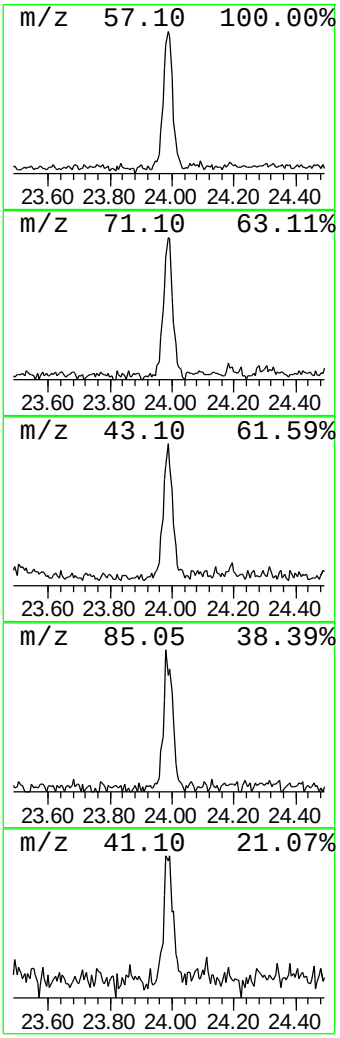
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.06 ng/ul	151862	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Nonadecane	268	C19H40	000629-92-5	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043117.D
Acq On : 10 Oct 2019 00:09
Operator : JU
Sample : K5175-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

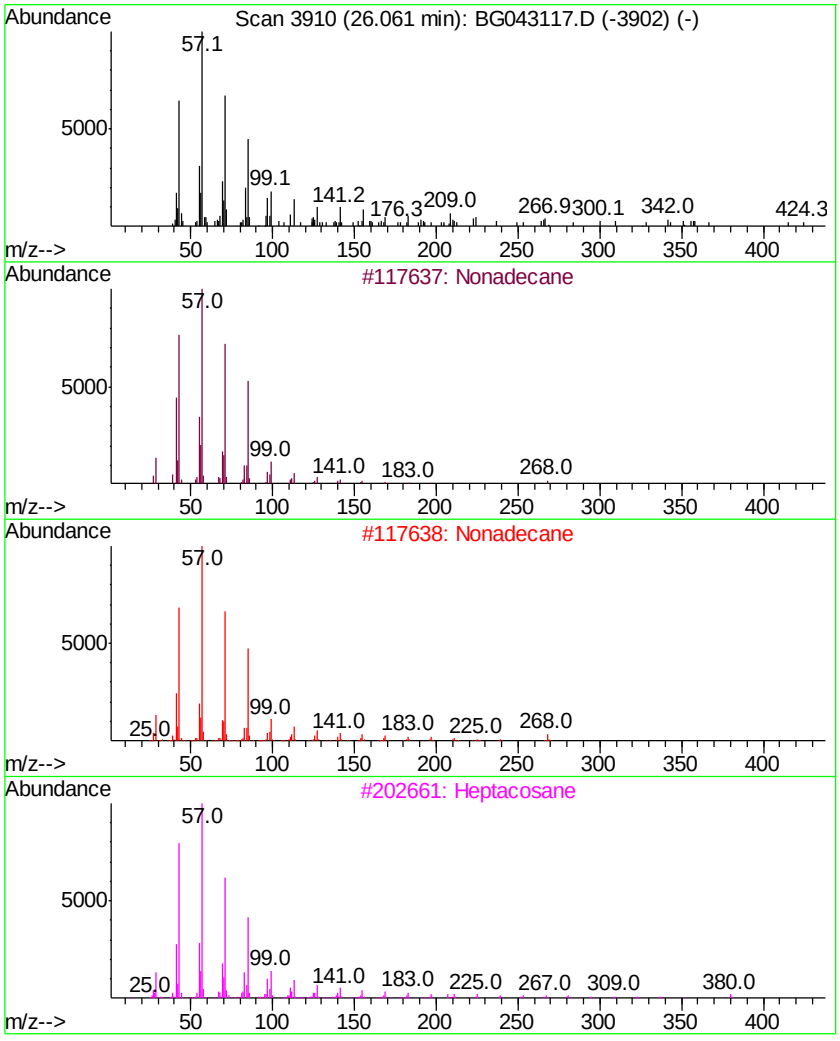
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

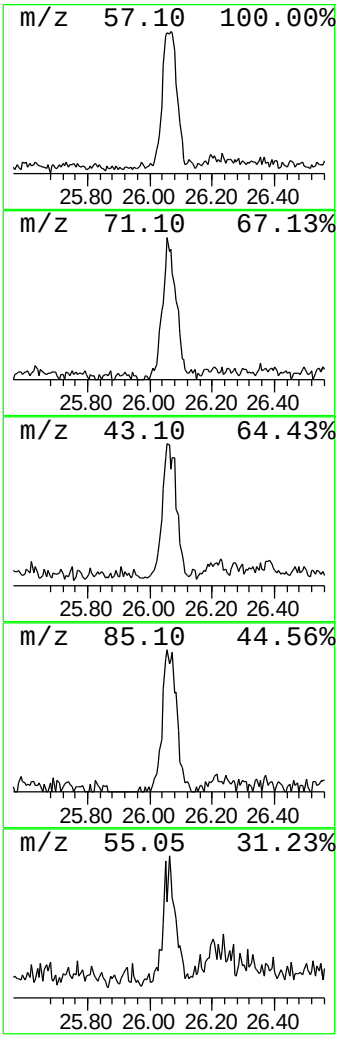
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	2.12 ng/ul	156097	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptacosane	380	C27H56	000593-49-7	76
4	Hexacosane	366	C26H54	000630-01-3	76
5	Pentacosane	352	C25H52	000629-99-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043117.D
Acq On : 10 Oct 2019 00:09
Operator : JU
Sample : K5175-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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
(DEL) Alkane: Cyc...	3.16	26.6	ng/ul	437445	1	8.05	329338	20.0
Butane, 2-methoxy...	3.24	43.8	ng/ul	721668	1	8.05	329338	20.0
unknown-01	15.78	10.1	ng/ul	378219	3	14.67	750387	20.0
n-Hexadecanoic acid	18.31	2.9	ng/ul	152674	4	17.42	1038300	20.0
Heptafluorobutyri...	21.33	4.5	ng/ul	288480	5	21.69	1283000	20.0
(DEL) Alkane: Str...	23.99	2.1	ng/ul	151862	6	24.91	1473510	20.0
(DEL) Alkane: Str...	26.06	2.1	ng/ul	156097	6	24.91	1473510	20.0