LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043113.D
Acq On : 9 Oct 2019 21:36
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPF7

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	3.163	6	13	22	rBV2	220867	593568	28.15%	3.248%
2	3.245	22	27	41	rVB	385021	728797	34.57%	3.988%
3	3.504	66	71	76	rBV4	9363	16751	0.79%	0.092%
4	3.927	141	143	147	rVB2	3599	4079	0.19%	0.022%
5	4.027	156	160	164	rVV5	11098	16801	0.80%	0.092%
6	4.086	168	170	172	rBV3	2485	2539	0.12%	0.014%
7	4.156	178	182	188	rVB4	4514	9378	0.44%	0.051%
8	4.256	194	199	202	rVB4	3636	5621	0.27%	0.031%
9	4.626	260	262	267	rVB4	1890	2673	0.13%	0.015%
10	5.155	348	352	359	rVB	14468	22095	1.05%	0.121%
11	5.760	453	455	459	rVB3	2729	2649	0.13%	0.014%
12	5.860	470	472	476	rBV3	1990	2840	0.13%	0.016%
13	7.229	695	705	718	rBV	106495	276307	13.10%	1.512%
14	7.382	725	731	743	rVB	96289	180888	8.58%	0.990%
15	7.593	759	767	781	rBV	140654	286364	13.58%	1.567%
16	8.057	838	846	855	rBV2	174486	326124	15.47%	1.784%
17	8.768	959	967	982	rBV2	100830	253747	12.03%	1.388%
18	8.880	984	986	991	rVB3	2628	3959	0.19%	0.022%
19	9.115	1020	1026	1030	rBV2	1406	2864	0.14%	0.016%
20	9.215	1036	1043	1057	rBV	133447	285730	13.55%	1.563%
21	9.644	1113	1116	1121	rVB2	4189	4876	0.23%	0.027%
22	9.938	1157	1166	1175	rBV	124111	255079	12.10%	1.396%
23	10.402	1241	1245	1247	rBV	2146	3070	0.15%	0.017%
24	10.484	1251	1259	1270	rBV2	143941	345800	16.40%	1.892%
25	10.860	1314	1323	1338	rBV	251788	495501	23.50%	2.711%
26	11.001	1339	1347	1362	rBV3	88246	246891	11.71%	1.351%
27	12.517	1600	1605	1611	rBV3	2687	5403	0.26%	0.030%
28	12.728	1636	1641	1649	rVB3	3758	7294	0.35%	0.040%
29	13.292	1732	1737	1739	rBV2	2098	3570	0.17%	0.020%
30	13.839	1827	1830	1832	rBV	2122	2442	0.12%	0.013%
31	13.998	1852	1857	1863	rVB5	4441	8063	0.38%	0.044%
32	14.080	1863	1871	1875	rBV	412173	658109	31.21%	3.601%
33	14.121	1875	1878	1893	rVB	202513	329553	15.63%	1.803%
34	14.238	1895	1898	1900	rVB3	2994	3049	0.14%	0.017%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043113.D
Acq On : 9 Oct 2019 21:36
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPF7

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	14.374	1913	1921	1935	rBV	451897	785987	37.28%	4.301%
36	14.573	1952	1955	1959	rVB4	2950	4380	0.21%	0.024%
37	14.673	1965	1972	1980	rBV2	438631	741274	35.16%	4.056%
38	14.896	2004	2010	2022	rBV7	37875	150001	7.11%	0.821%
39	15.284	2073	2076	2077	rBV3	2484	2243	0.11%	0.012%
40	15.349	2083	2087	2091	rBV4	3282	4602	0.22%	0.025%
41	15.466	2102	2107	2108	rBV3	6028	8376	0.40%	0.046%
42	15.513	2113	2115	2119	rVB3	5047	5981	0.28%	0.033%
43	15.666	2134	2141	2147	rBV	599012	973640	46.18%	5.328%
44	15.778	2155	2160	2169	rBV	168623	262213	12.44%	1.435%
45	15.901	2176	2181	2182	rBV4	8087	10886	0.52%	0.060%
46	16.013	2196	2200	2206	rVB5	6001	14294	0.68%	0.078%
47	16.236	2234	2238	2240	rBV3	2021	3498	0.17%	0.019%
48	16.377	2254	2262	2263	rBV6	7564	12637	0.60%	0.069%
49	16.530	2286	2288	2291	rBV2	3406	3955	0.19%	0.022%
50	16.700	2314	2317	2318	rBV3	3494	3150	0.15%	0.017%
51	16.724	2319	2321	2324	rVV3	5595	6963	0.33%	0.038%
52	16.777	2328	2330	2335	rVB5	6218	7758	0.37%	0.042%
53	16.824	2335	2338	2342	rBV4	3785	5700	0.27%	0.031%
54	16.888	2345	2349	2350	rVB3	4025	4559	0.22%	0.025%
55	16.959	2355	2361	2364	rBV7	6222	9704	0.46%	0.053%
56	17.023	2370	2372	2376	rVB3	2488	3027	0.14%	0.017%
57	17.082	2378	2382	2383	rBV2	6055	8122	0.39%	0.044%
58	17.147	2390	2393	2394	rBV4	4072	4359	0.21%	0.024%
59	17.235	2406	2408	2415	rVB3	8158	12808	0.61%	0.070%
60	17.417	2432	2439	2444	rBV	564331	958625	45.47%	5.245%
61	17.458	2444	2446	2451	rVV	129165	193611	9.18%	1.059%
62	17.517	2451	2456	2467	rVB2	652281	1114961	52.88%	6.101%
63	17.834	2506	2510	2512	rBV5	7412	10746	0.51%	0.059%
64	17.905	2519	2522	2525	rBV4	8457	11171	0.53%	0.061%
65	18.005	2535	2539	2543	rBV4	11228	16492	0.78%	0.090%
66	18.146	2561	2563	2565	rBV3	5284	3312	0.16%	0.018%
67	18.310	2584	2591	2594	rBV4	92327	188309	8.93%	1.030%
68	18.345	2594	2597	2605	rVB3	71163	125703	5.96%	0.688%
69	18.428	2607	2611	2616	rVB2	14321	21534	1.02%	0.118%
70	18.486	2616	2621	2626	rBV4	60135	123792	5.87%	0.677%
71	18.598	2636	2640	2644	rBV6	10987	19914	0.94%	0.109%

LSC Area Percent Report

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Acq On : 9 Oct 2019 21:36
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPF7

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

72	18.792	2670	2673	2676	rBV2	17404	19978	0.95%	0.109%
73	19.203	2740	2743	2749	rBV3	40805	73252	3.47%	0.401%
74	19.338	2763	2766	2775	rVB7	34372	64162	3.04%	0.351%
75	19.468	2783	2788	2794	rVB	267985	395147	18.74%	2.162%
76	19.802	2839	2845	2858	rBV2	1062655	2108416	100.00%	11.537%
77	20.619	2981	2984	2988	rBV2	48671	70536	3.35%	0.386%
78	21.571	3143	3146	3153	rVB	111657	153188	7.27%	0.838%
79	21.689	3158	3166	3171	rBV2	740043	1550949	73.56%	8.486%
80	24.685	3669	3676	3684	rBV	496583	1225879	58.14%	6.708%
81	24.908	3706	3714	3734	rVB2	434514	1383311	65.61%	7.569%

Sum of corrected areas: 18275579

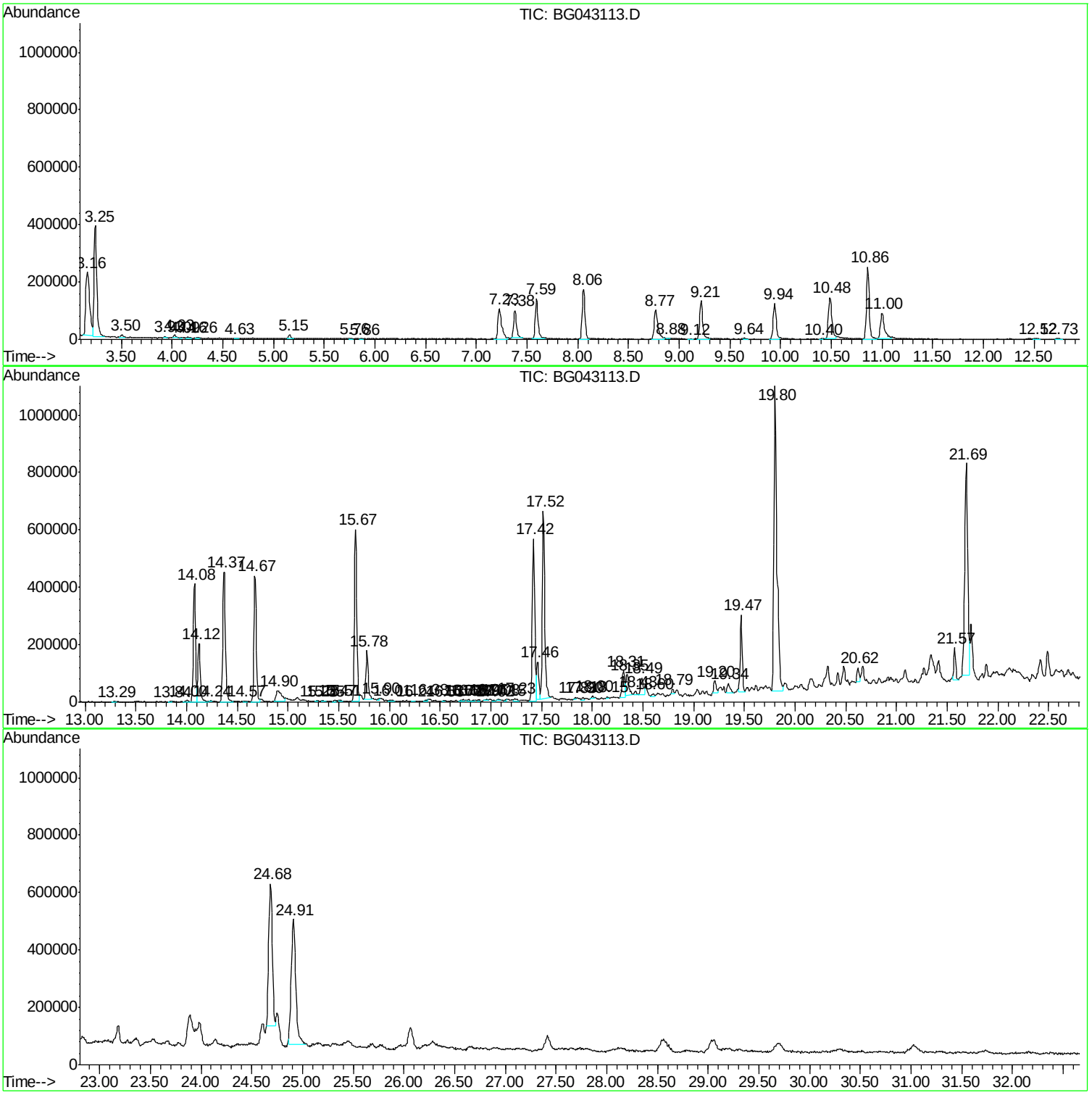
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043113.D
Acq On : 9 Oct 2019 21:36
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPF7

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 : BG043113.D
Acq On : 9 Oct 2019 21:36
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPF7

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

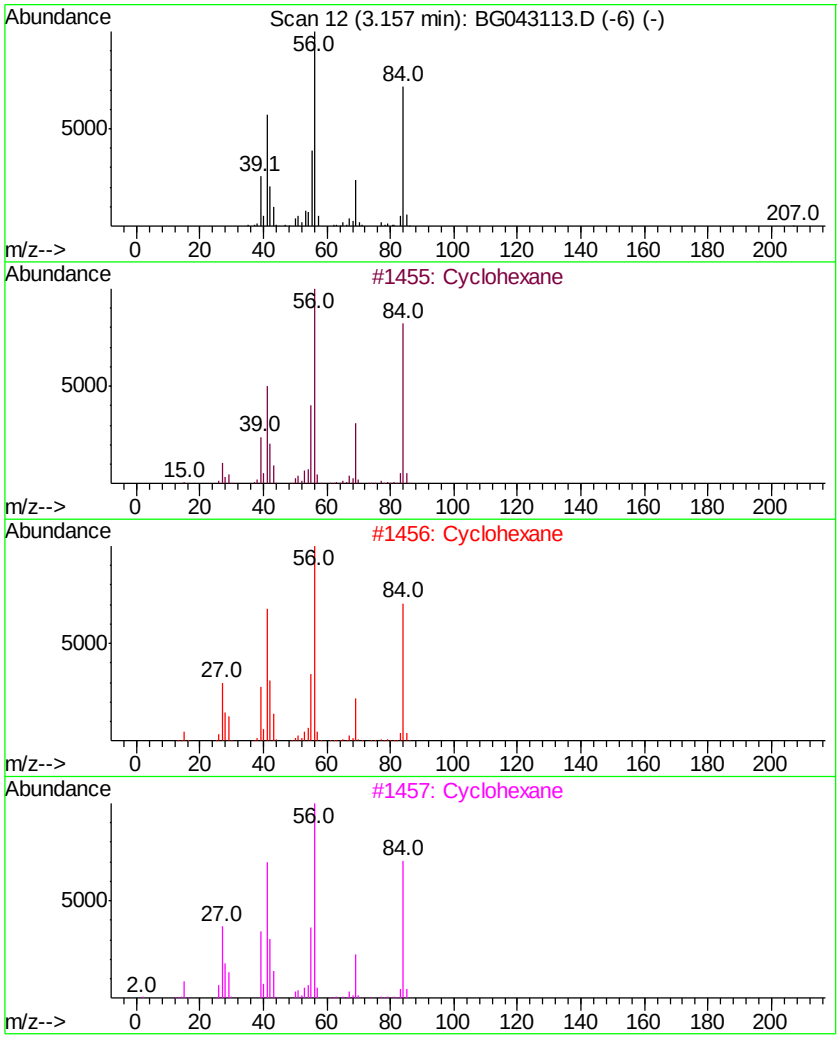
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

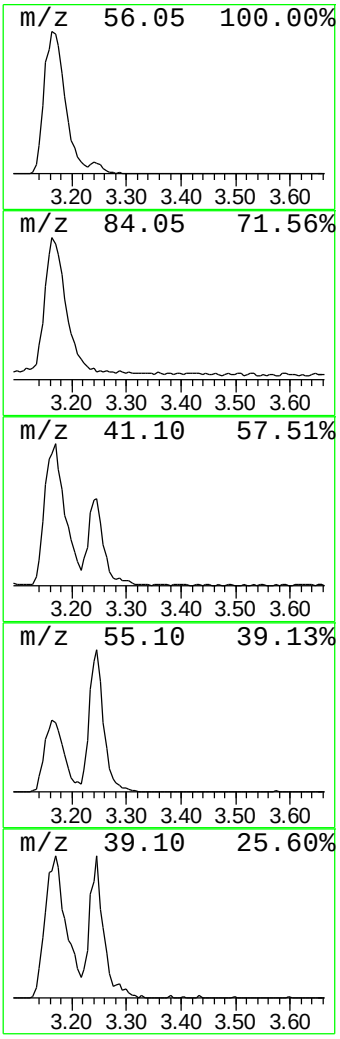
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	36.40 ng/ul	593568	1,4-Dichlorobenzene-d4	8.06

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





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

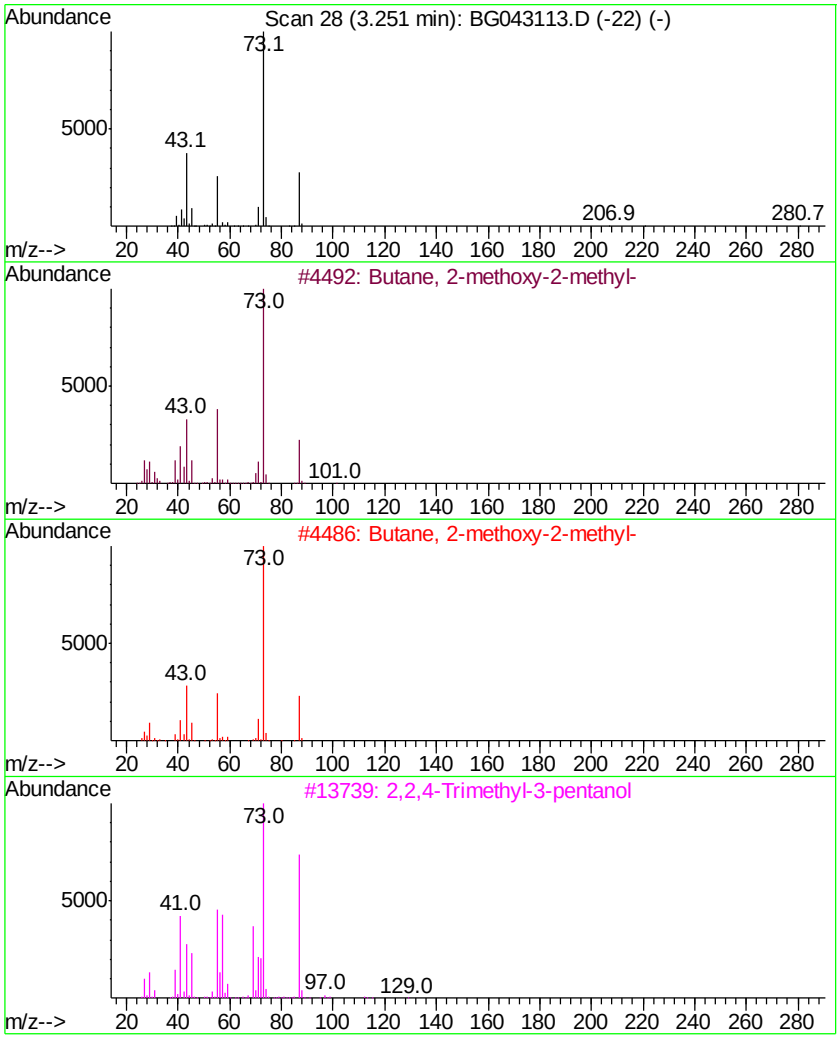
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

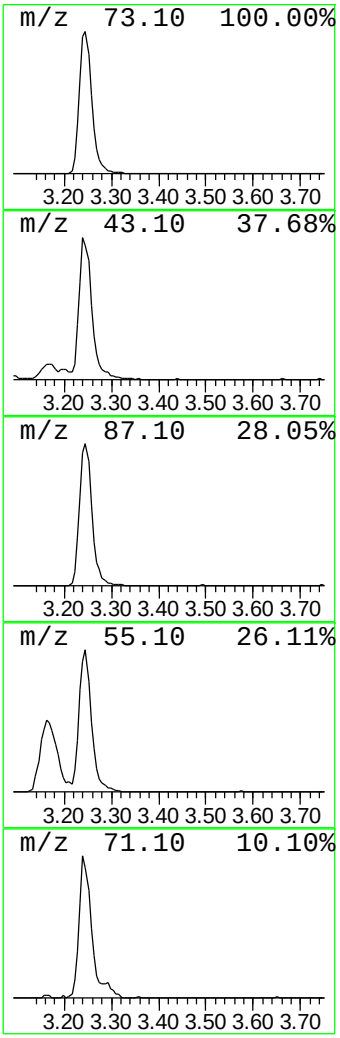
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	44.69 ng/ul	728797	1,4-Dichlorobenzene-d4	8.06

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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ClientSampleId : BEPF7

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

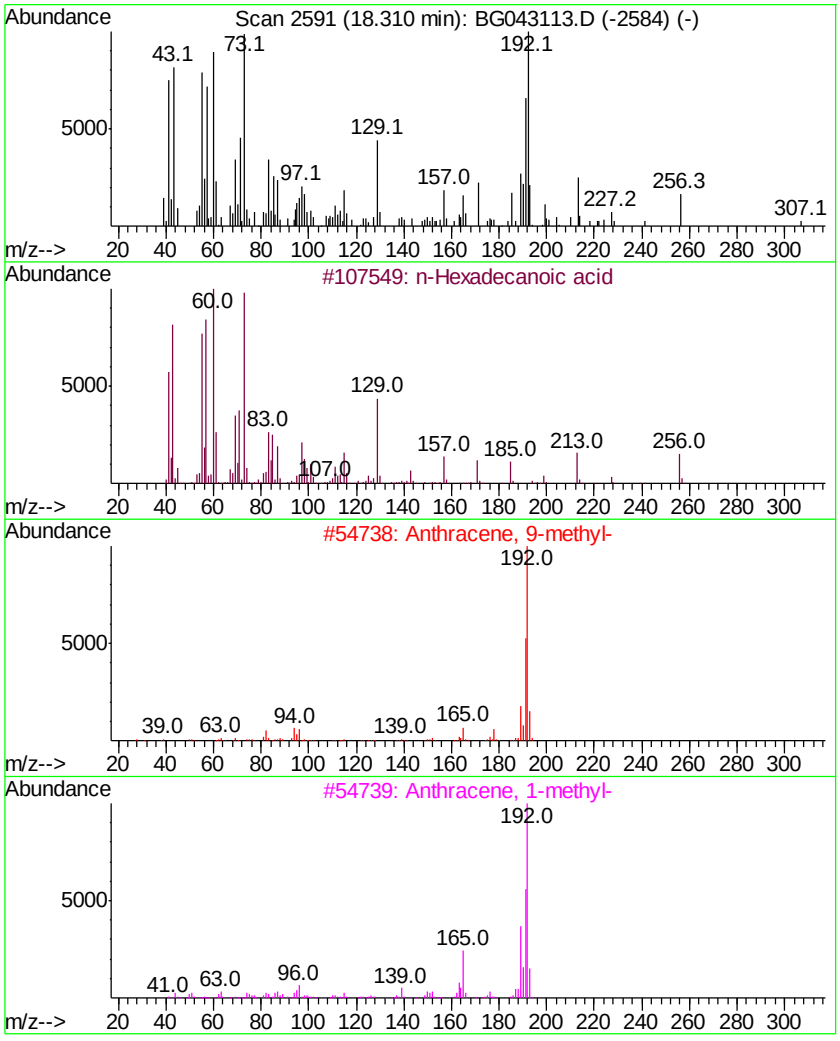
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

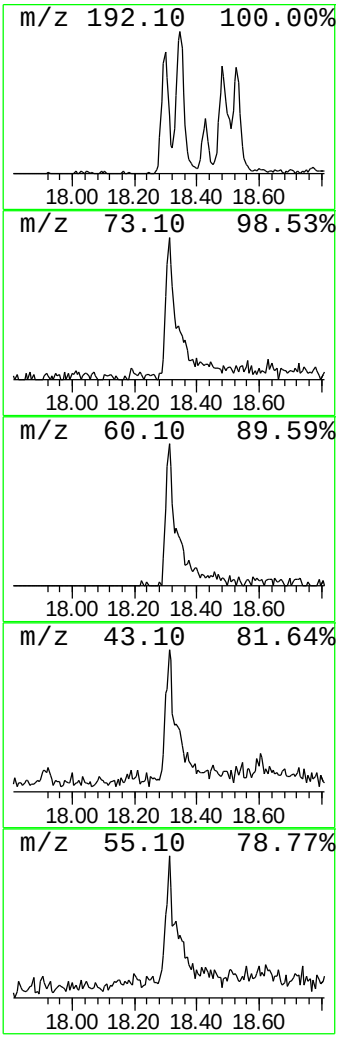
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.93 ng/ul	188309	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	66
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	62





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPF7

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

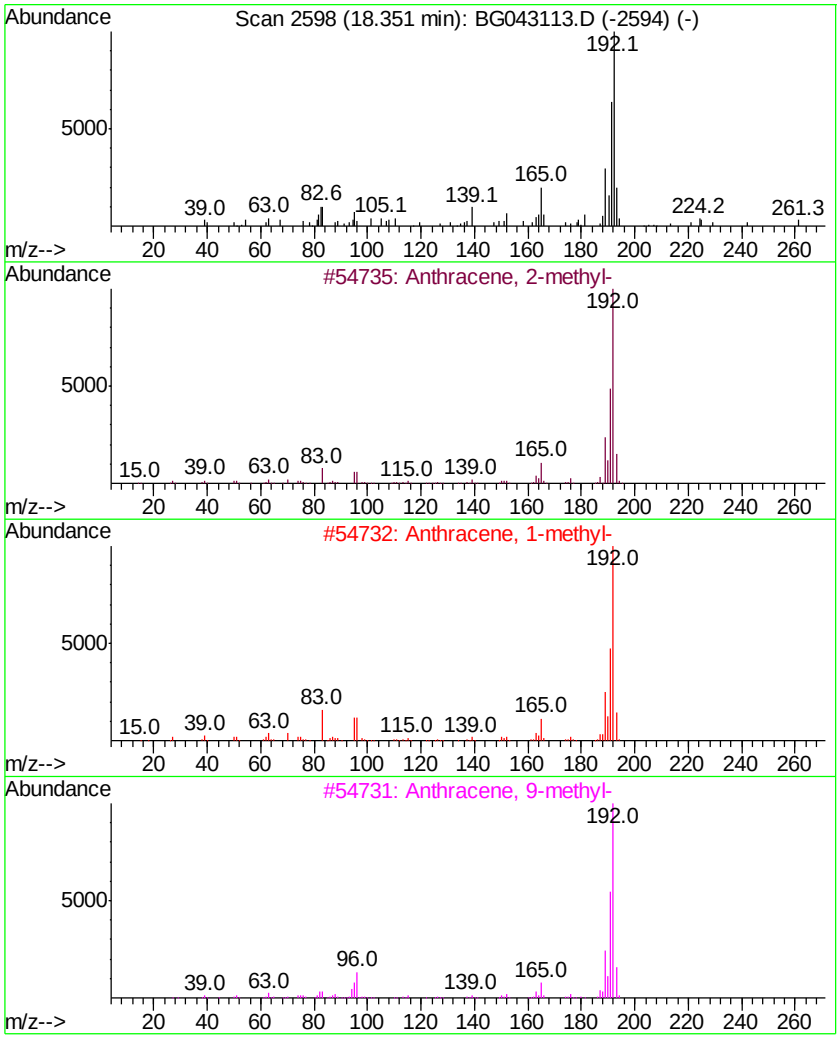
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

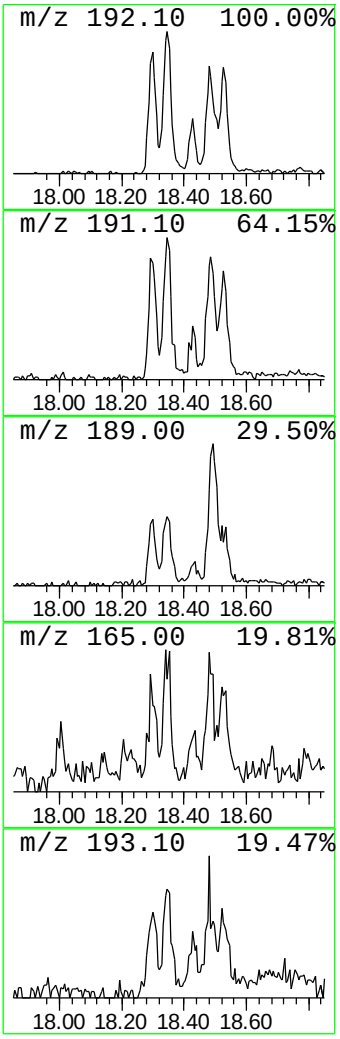
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.62 ng/ul	125703	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPF7

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

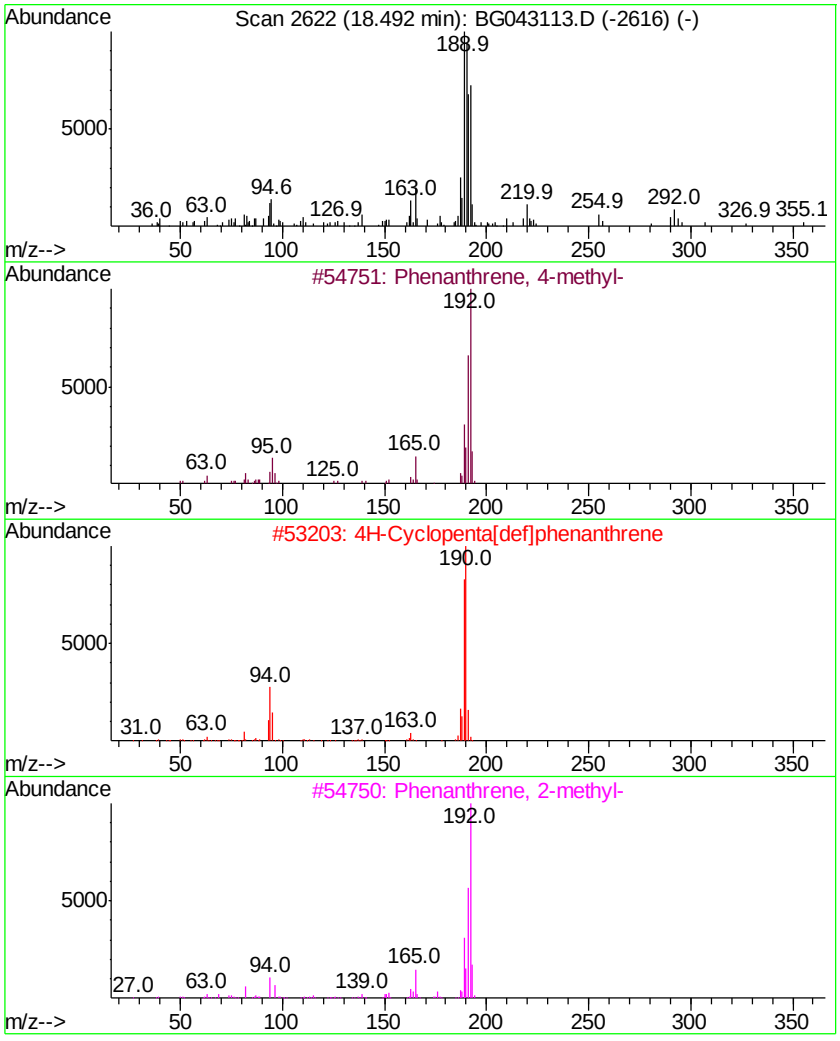
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

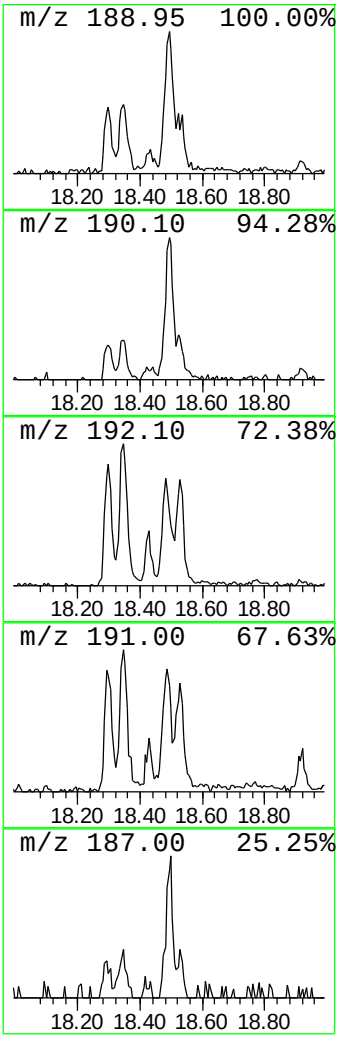
****

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.58 ng/ul	123792	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	43
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043113.D
Acq On : 9 Oct 2019 21:36
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPF7

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	36.4	ng/ul	593568	1	8.06	326124	20.0
Butane, 2-methoxy...	3.25	44.7	ng/ul	728797	1	8.06	326124	20.0
n-Hexadecanoic acid	18.31	3.9	ng/ul	188309	4	17.42	958625	20.0
Anthracene, 2-met...	18.35	2.6	ng/ul	125703	4	17.42	958625	20.0
unknown-01	18.49	2.6	ng/ul	123792	4	17.42	958625	20.0