LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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-BG102220MA.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	3.461	17	21	28	rVB2	12926	21058	0.29%	0.072%
2	6.534	540	544	549	rBV2	7703	9462	0.13%	0.032%
3	7.204	650	658	670	rBV3	49948	106561	1.49%	0.364%
4	7.368	680	686	694	rBV	139563	239664	3.34%	0.819%
5	7.580	716	722	731	rBV	175701	299373	4.17%	1.023%
6	8.056	796	803	809	rBV	187612	322736	4.50%	1.103%
7	8.426	860	866	874	rBV	23418	39276	0.55%	0.134%
8	8.749	915	921	930	rVB	135390	234725	3.27%	0.802%
9	8.896	938	946	954	rBV5	8418	17299	0.24%	0.059%
10	9.166	988	992	994	rBV3	7162	10889	0.15%	0.037%
11	9.213	994	1000	1009	rVB	204768	364855	5.08%	1.247%
12	9.936	1116	1123	1133	rBV	188594	337647	4.71%	1.154%
13	10.112	1147	1153	1155	rBV3	8246	12117	0.17%	0.041%
14	10.259	1173	1178	1183	rBV4	4640	7706	0.11%	0.026%
15	10.477	1208	1215	1225	rBV	260193	471759	6.57%	1.613%
16	10.864	1269	1281	1288	rBV	265110	483916	6.74%	1.654%
17	10.917	1288	1290	1295	rVV2	7322	8119	0.11%	0.028%
18	10.982	1295	1301	1303	rVV5	15595	27742	0.39%	0.095%
19	11.035	1306	1310	1317	rVB2	26731	47891	0.67%	0.164%
20	11.334	1357	1361	1366	rBV4	4932	8824	0.12%	0.030%
21	11.440	1370	1379	1385	rBV7	6866	16775	0.23%	0.057%
22	11.975	1463	1470	1476	rVB4	14162	28047	0.39%	0.096%
23	12.322	1524	1529	1532	rBV6	7572	14235	0.20%	0.049%
24	12.410	1539	1544	1553	rVB5	26119	53028	0.74%	0.181%
25	12.733	1592	1599	1603	rBV6	8818	19070	0.27%	0.065%
26	13.115	1660	1664	1667	rBV6	8011	13081	0.18%	0.045%
27	13.273	1687	1691	1696	rVB6	4547	7806	0.11%	0.027%
28	13.379	1703	1709	1719	rVB2	49601	98598	1.37%	0.337%
29	13.520	1726	1733	1737	rBV	43660	69262	0.97%	0.237%
30	13.649	1749	1755	1757	rBV4	15585	23601	0.33%	0.081%
31	13.690	1757	1762	1776	rVB4	53066	113581	1.58%	0.388%
32	13.820	1776	1784	1787	rBV3	19899	31775	0.44%	0.109%
33	13.867	1787	1792	1797	rVB7	5693	10985	0.15%	0.038%
34	14.084	1822	1829	1834	rVV	658933	974527	13.58%	3.332%

LSC Area Percent Report

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Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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-BG102220MA.M
Title : SVOA CALIBRATION

35	14.125	1834	1836	1844	rVV	35824	50085	0.70%	0.171%
36	14.196	1846	1848	1858	rVB9	4865	11324	0.16%	0.039%
37	14.378	1869	1879	1891	rBV	667213	1088593	15.17%	3.722%
38	14.642	1920	1924	1925	rBV3	8245	10459	0.15%	0.036%
39	14.683	1925	1931	1938	rVV	516409	786746	10.96%	2.690%
40	14.760	1940	1944	1948	rVV3	13635	17798	0.25%	0.061%
41	14.871	1956	1963	1970	rBV3	60251	120043	1.67%	0.410%
42	15.083	1993	1999	2005	rVB	27694	50615	0.71%	0.173%
43	15.224	2017	2023	2027	rBV7	21090	34137	0.48%	0.117%
44	15.265	2027	2030	2032	rVV4	15437	21136	0.29%	0.072%
45	15.306	2032	2037	2045	rVB2	67775	118046	1.65%	0.404%
46	15.406	2048	2054	2060	rBV7	10831	26118	0.36%	0.089%
47	15.571	2080	2082	2087	rBV6	5083	7765	0.11%	0.027%
48	15.676	2093	2100	2105	rBV	968470	1453131	20.25%	4.968%
49	15.729	2105	2109	2113	rVV	64747	85834	1.20%	0.293%
50	15.794	2113	2120	2133	rVV2	1549168	2652975	36.97%	9.070%
51	15.882	2133	2135	2137	rVB3	8263	7480	0.10%	0.026%
52	16.023	2154	2159	2164	rVB5	26036	39871	0.56%	0.136%
53	16.076	2166	2168	2169	rBV2	11441	9031	0.13%	0.031%
54	16.258	2194	2199	2206	rBV7	11992	23019	0.32%	0.079%
55	16.358	2215	2216	2221	rBV4	5066	7195	0.10%	0.025%
56	16.546	2245	2248	2251	rBV5	9096	12606	0.18%	0.043%
57	16.710	2270	2276	2284	rBV5	31162	78376	1.09%	0.268%
58	16.781	2284	2288	2291	rBV	27275	37633	0.52%	0.129%
59	16.881	2302	2305	2311	rVB4	20401	27185	0.38%	0.093%
60	17.086	2331	2340	2351	rBV	4478914	7175295	100.00%	24.531%
61	17.204	2356	2360	2363	rVV6	36044	65519	0.91%	0.224%
62	17.245	2365	2367	2371	rVV	27642	43561	0.61%	0.149%
63	17.298	2373	2376	2383	rVB5	22983	46101	0.64%	0.158%
64	17.427	2392	2398	2405	rBV	695908	1034989	14.42%	3.538%
65	17.527	2409	2415	2423	rBV	1170629	1757973	24.50%	6.010%
66	17.633	2426	2433	2436	rBV4	25834	41432	0.58%	0.142%
67	17.803	2459	2462	2464	rBV4	7214	10023	0.14%	0.034%
68	17.880	2472	2475	2478	rVB5	5810	8553	0.12%	0.029%
69	18.050	2502	2504	2508	rVB5	15480	20276	0.28%	0.069%
70	18.097	2508	2512	2516	rVB7	8900	12020	0.17%	0.041%
71	18.309	2543	2548	2558	rBV	194456	312691	4.36%	1.069%

LSC Area Percent Report

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Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

72	18.479	2574	2577	2583	rBV8	13967	30611	0.43%	0.105%
73	18.749	2621	2623	2628	rVB6	8193	8055	0.11%	0.028%
74	18.837	2636	2638	2641	rVB4	7428	8205	0.11%	0.028%
75	19.437	2734	2740	2744	rBV2	24511	52457	0.73%	0.179%
76	19.572	2759	2763	2772	rBV	109655	165524	2.31%	0.566%
77	19.701	2781	2785	2789	rBV2	15908	25898	0.36%	0.089%
78	19.813	2797	2804	2812	rBV	1541212	2178242	30.36%	7.447%
79	20.271	2880	2882	2886	rBV5	5219	7642	0.11%	0.026%
80	20.823	2973	2976	2980	rBV3	17718	23106	0.32%	0.079%
81	21.358	3064	3067	3068	rBV3	14971	14860	0.21%	0.051%
82	21.693	3118	3124	3131	rVB	715619	1176219	16.39%	4.021%
83	21.875	3152	3155	3158	rBV3	22486	24922	0.35%	0.085%
84	22.239	3216	3217	3219	rBV2	7805	7360	0.10%	0.025%
85	22.486	3255	3259	3264	rVB4	22286	36066	0.50%	0.123%
86	23.990	3509	3515	3519	rVB4	31899	61262	0.85%	0.209%
87	24.484	3596	3599	3603	rBV5	4945	8267	0.12%	0.028%
88	24.701	3626	3636	3648	rBV	750308	2064899	28.78%	7.060%
89	24.924	3664	3674	3686	rVB2	447324	1260915	17.57%	4.311%
90	25.353	3743	3747	3751	rBV7	6887	11048	0.15%	0.038%
91	26.070	3860	3869	3879	rVB5	35126	105726	1.47%	0.361%
92	26.998	4025	4027	4031	rBV5	6166	8953	0.12%	0.031%
93	27.421	4093	4099	4110	rVB3	28421	85881	1.20%	0.294%
94	29.061	4372	4378	4382	rBV9	12909	24659	0.34%	0.084%
95	31.664	4819	4821	4826	rVB5	5860	7531	0.10%	0.026%

Sum of corrected areas: 29249932

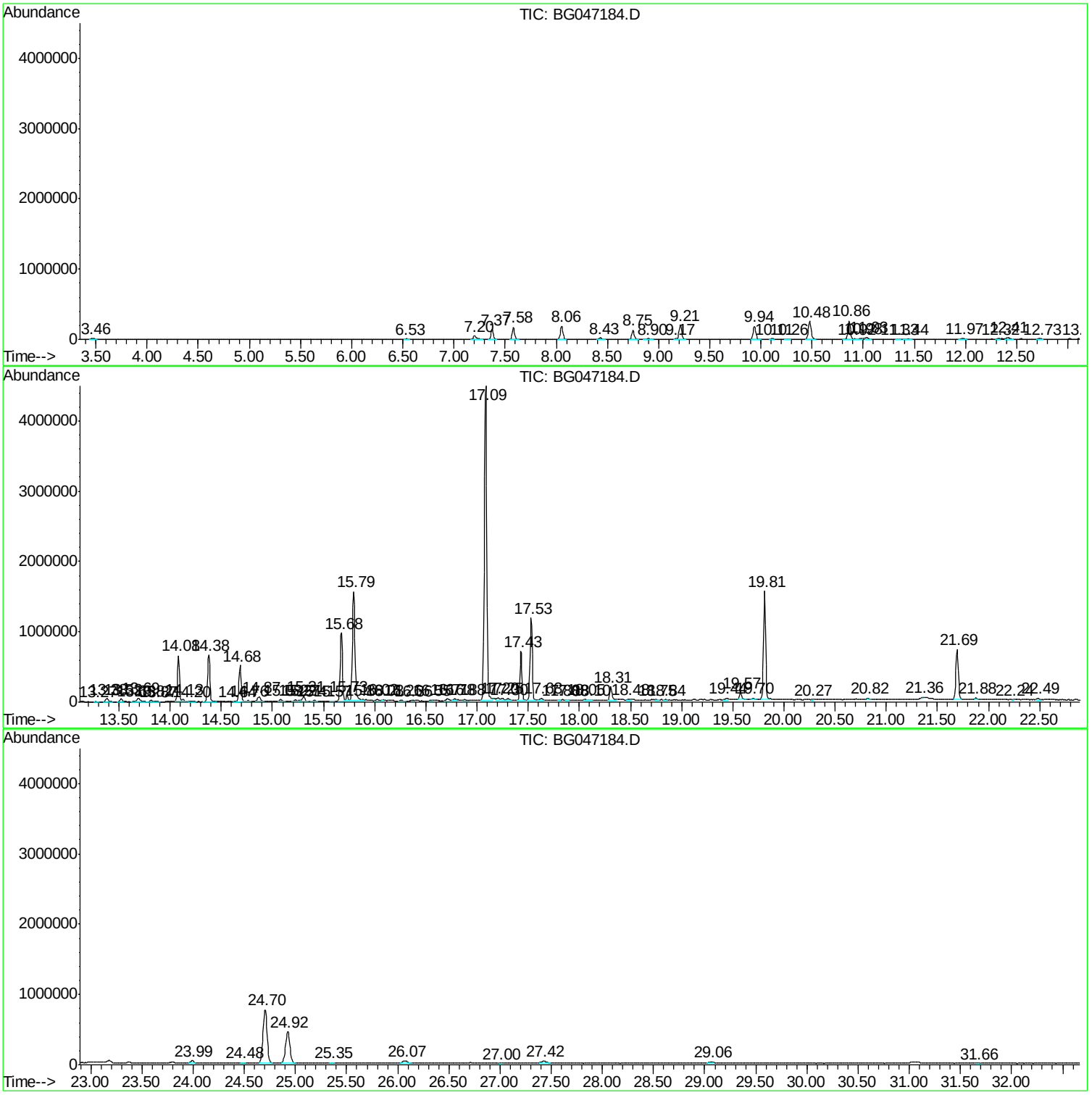
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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\BG102920\
Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

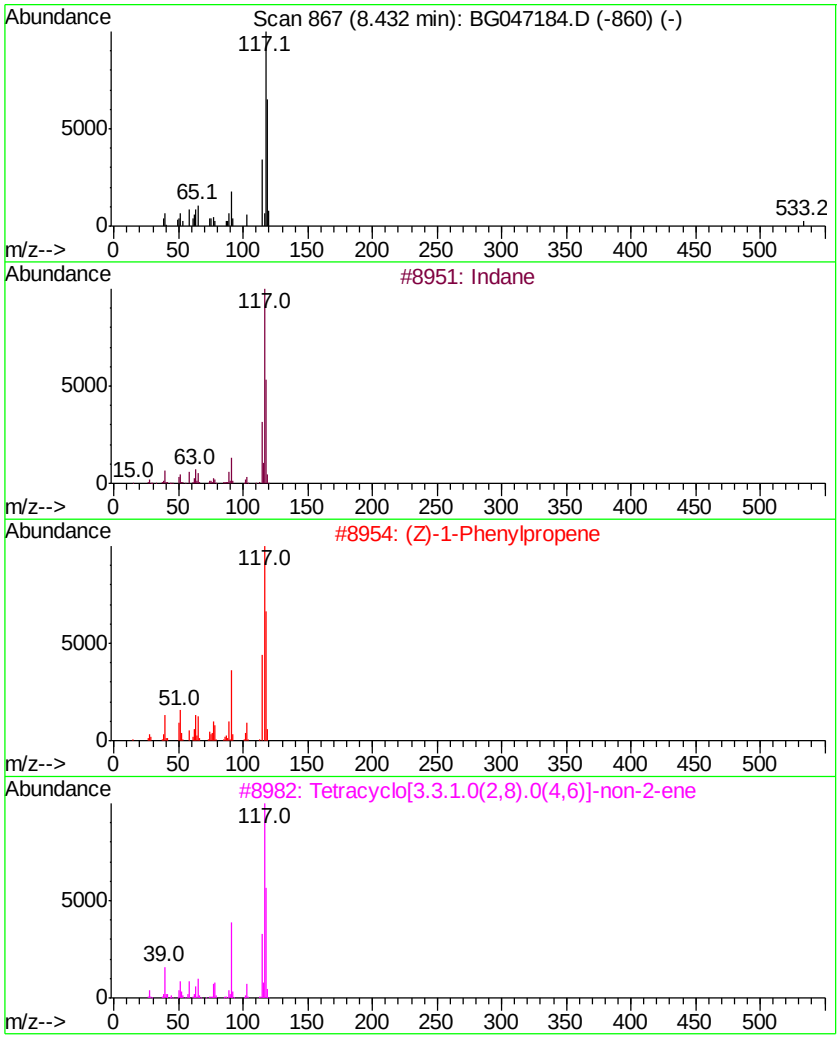
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

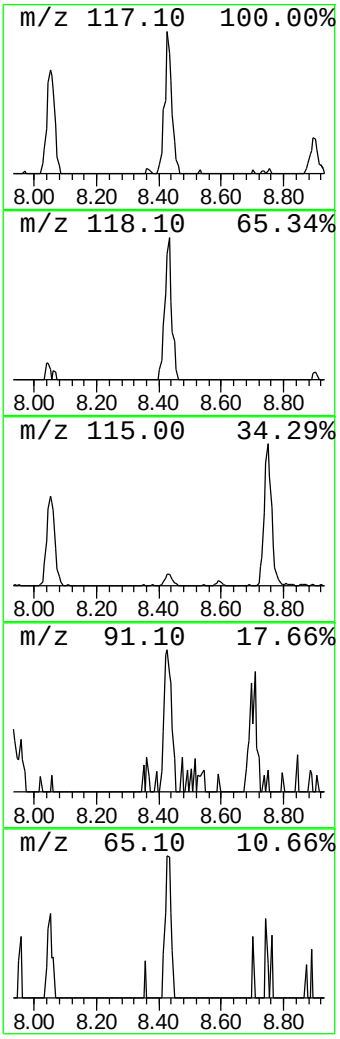
****

Peak Number 1 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	2.43 ng/ul	39276	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

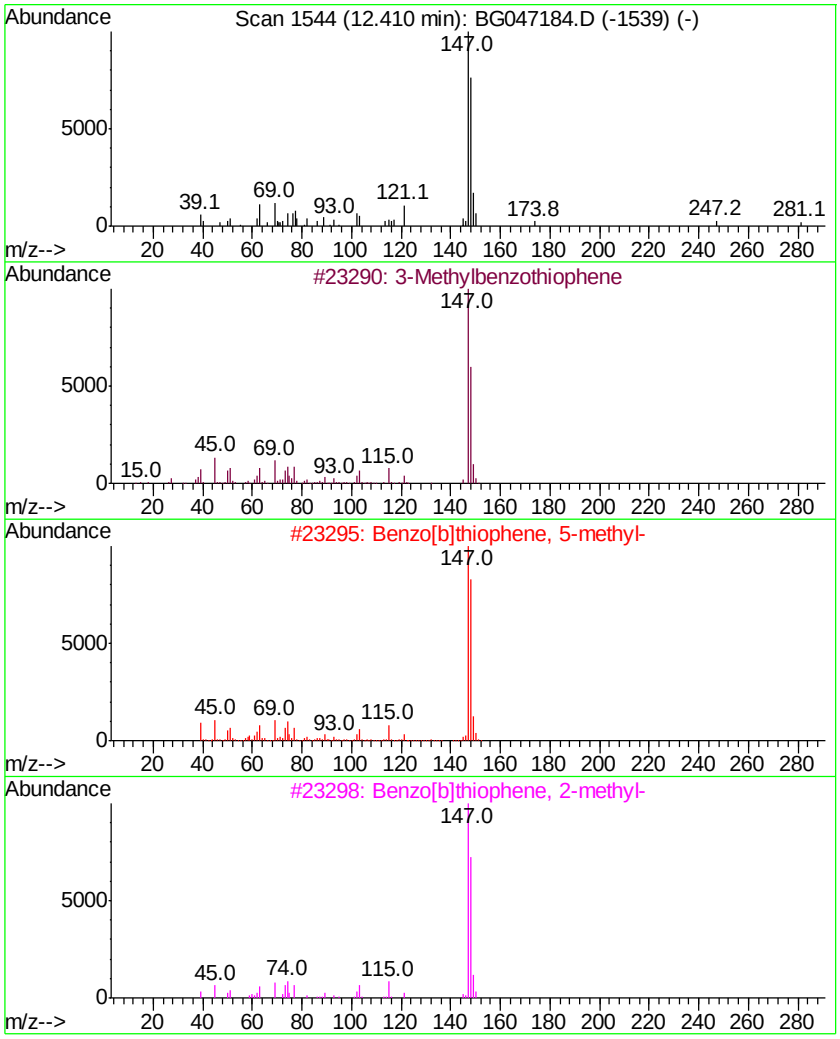
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

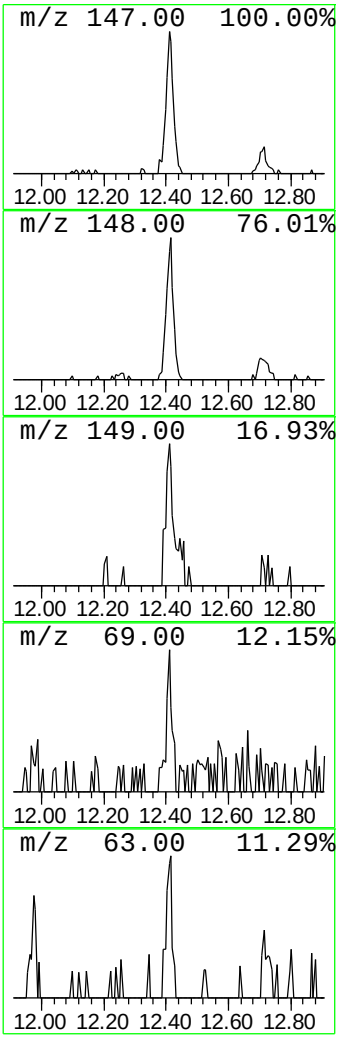
****

Peak Number 2 3-Methylbenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.19 ng/ul	53028	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	86
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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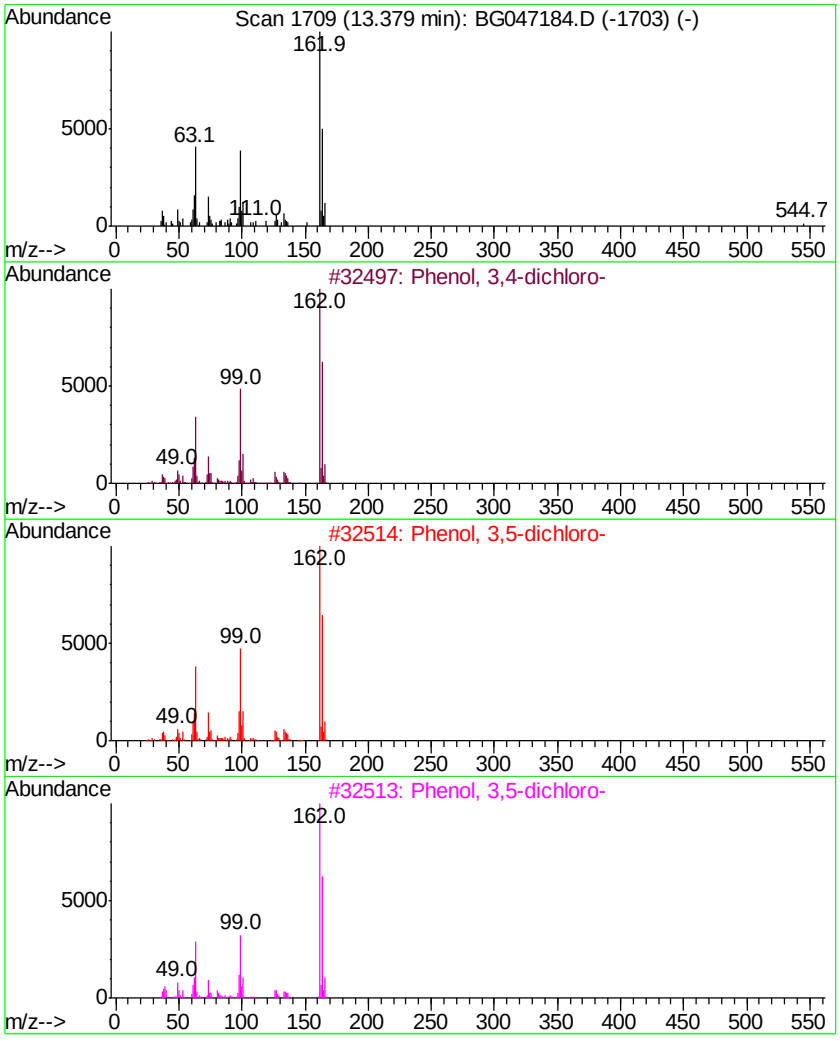
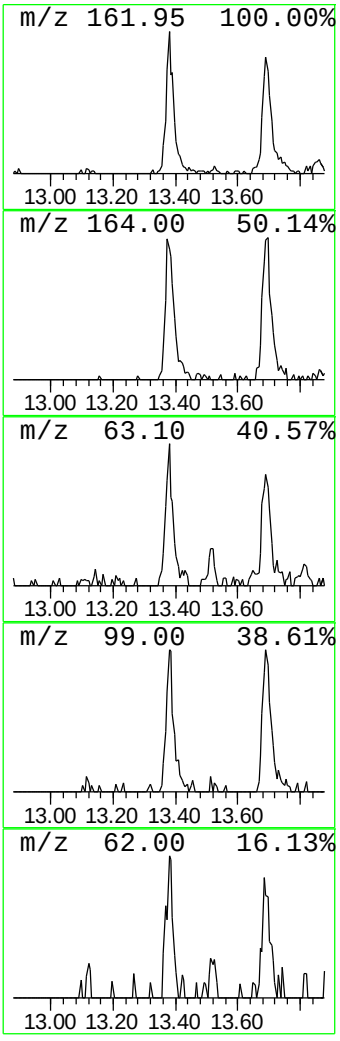
Peak Number 3 Phenol, 3,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.51 ng/ul	98598	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
5	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

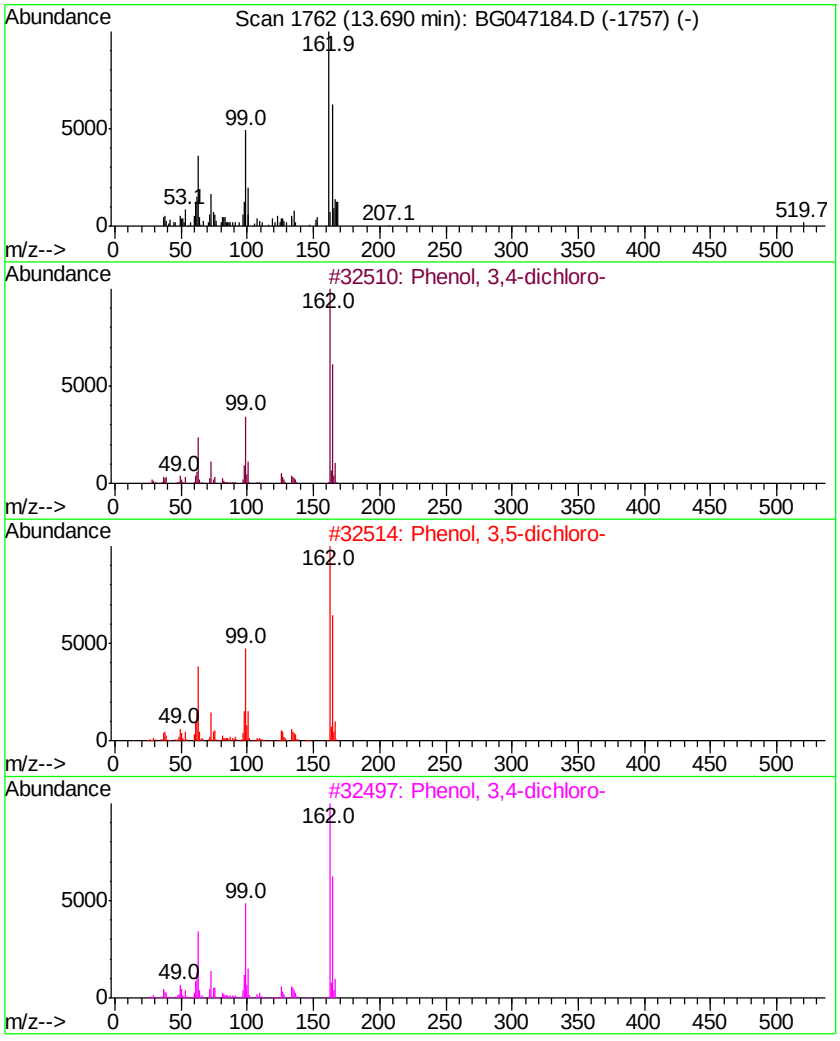
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

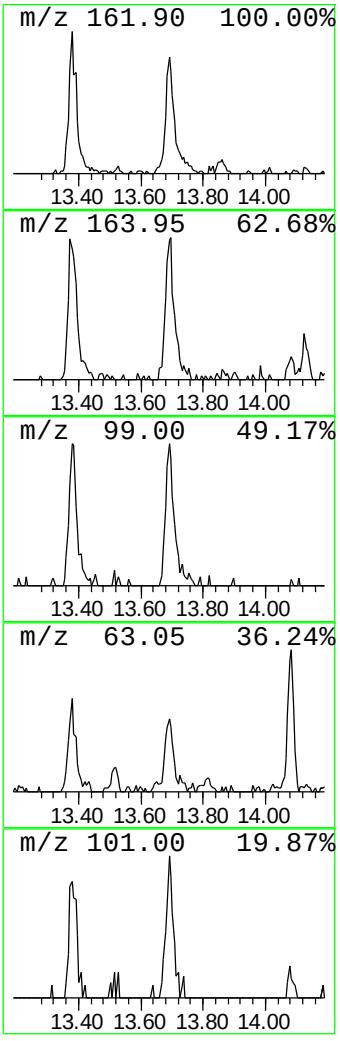
****

Peak Number 4 Phenol, 3,5-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.89 ng/ul	113581	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	76
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

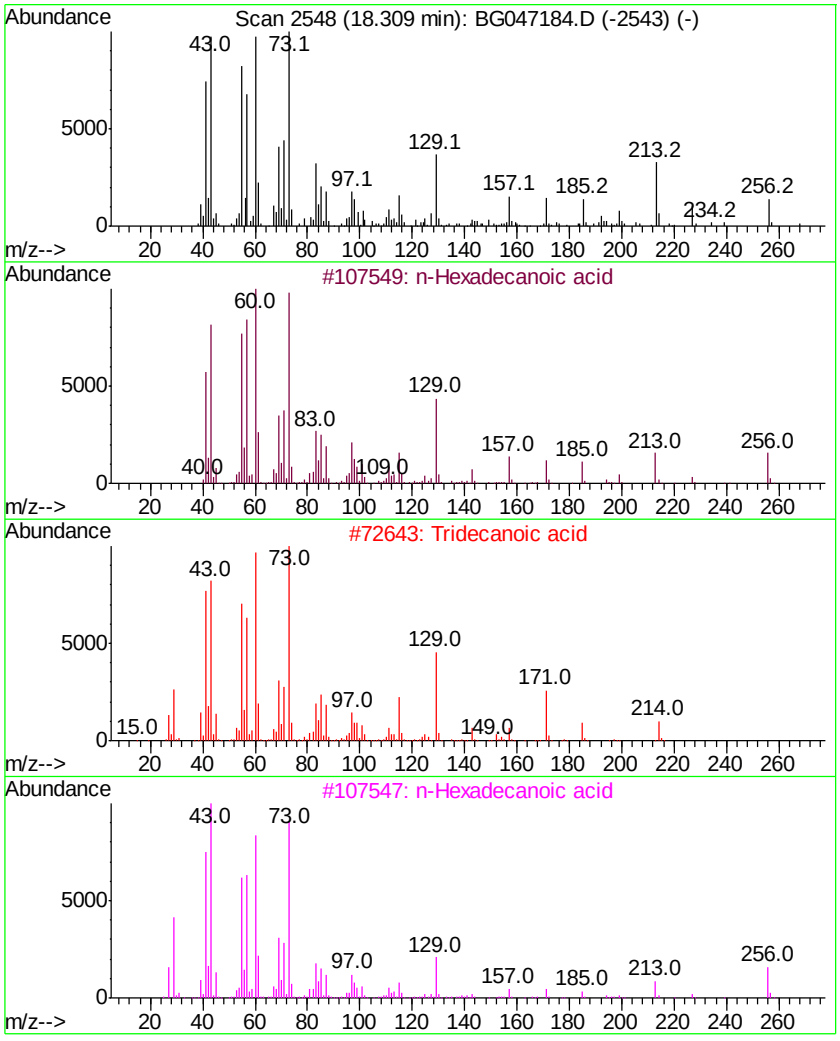
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

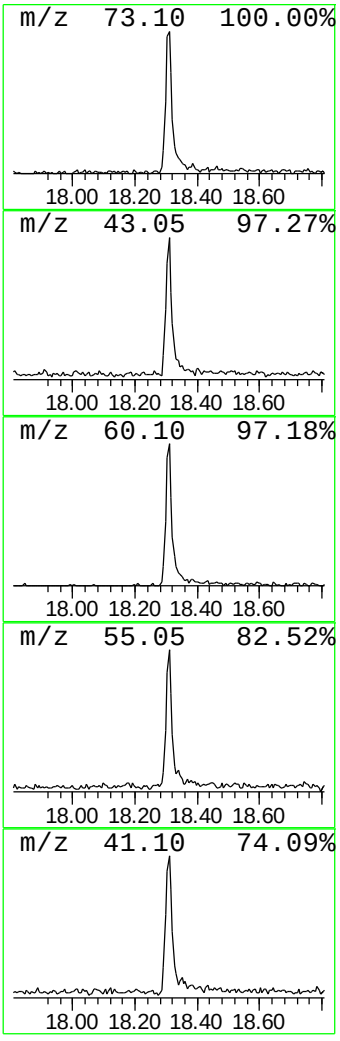
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	6.04 ng/ul	312691	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





Library Search Compound Report

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Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
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ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

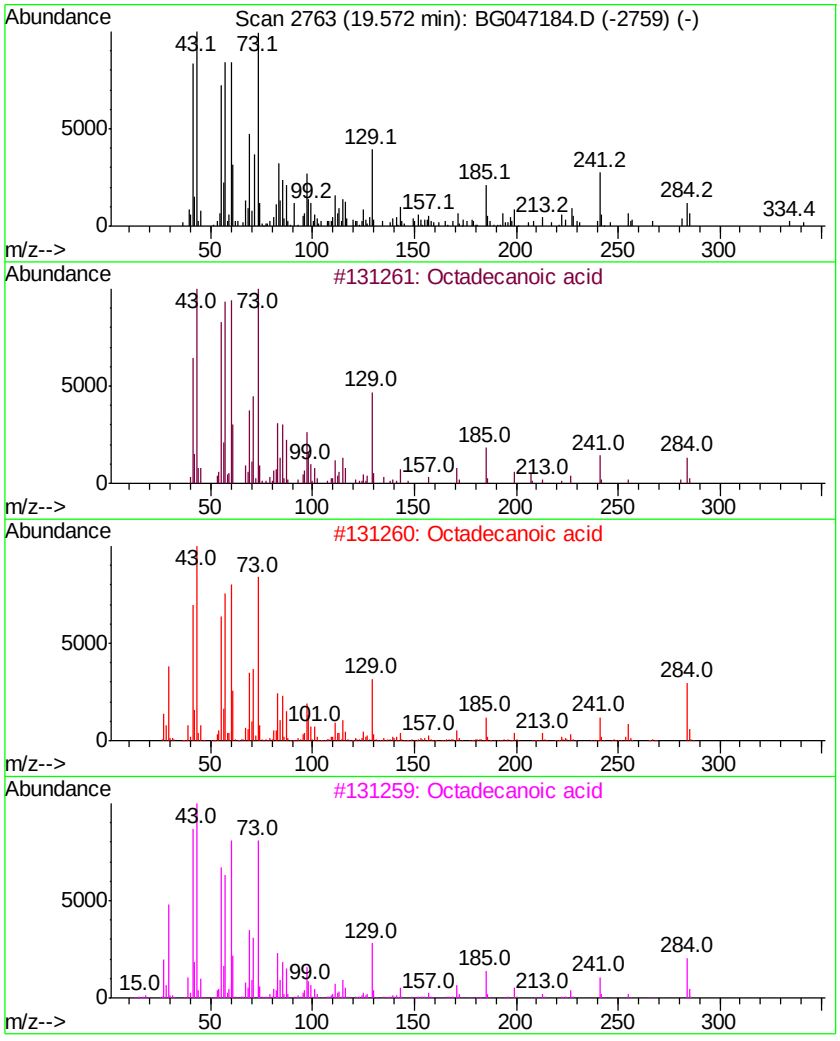
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

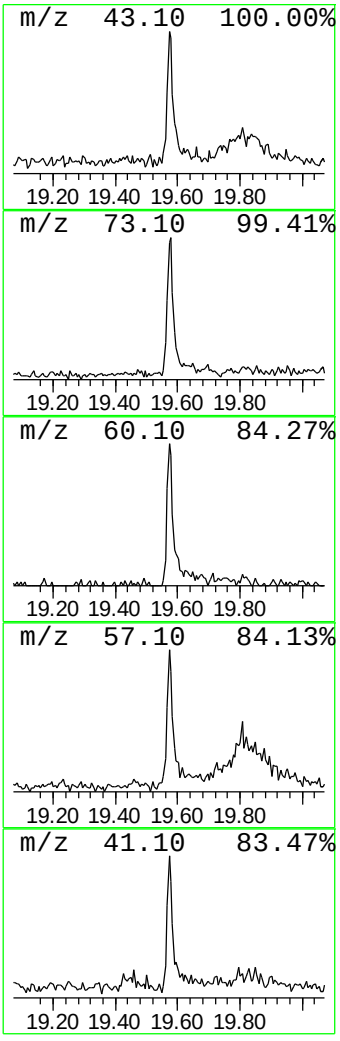
****

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.81 ng/ul	165524	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047184.D
Acq On : 31 Oct 2020 11:45
Operator : CG/JU
Sample : L4583-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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
Indane	8.43	2.4	ng/ul	39276	1	8.05	322736	20.0
3-Methylbenzothio...	12.41	2.2	ng/ul	53028	2	10.86	483916	20.0
Phenol, 3,4-dichl...	13.38	2.5	ng/ul	98598	3	14.68	786746	20.0
Phenol, 3,5-dichl...	13.69	2.9	ng/ul	113581	3	14.68	786746	20.0
n-Hexadecanoic acid	18.31	6.0	ng/ul	312691	4	17.43	1034990	20.0
Octadecanoic acid	19.57	2.8	ng/ul	165524	5	21.69	1176220	20.0