LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

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-BG111920MA.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	3.491	24	26	30	rBV2	2079	2930	0.19%	0.018%
2	3.591	39	43	49	rVB4	8019	12427	0.82%	0.078%
3	3.661	49	55	57	rBV3	1910	3406	0.23%	0.021%
4	3.767	70	73	74	rVB2	2710	2211	0.15%	0.014%
5	3.873	87	91	94	rBV4	3766	6171	0.41%	0.039%
6	3.943	102	103	106	rBV	3017	2648	0.18%	0.017%
7	4.266	154	158	161	rVV2	1946	2428	0.16%	0.015%
8	4.325	165	168	171	rVB2	2264	2895	0.19%	0.018%
9	4.889	260	264	266	rBV2	2018	2875	0.19%	0.018%
10	5.065	290	294	297	rBV2	1940	2478	0.16%	0.016%
11	5.688	396	400	404	rVB2	2360	3828	0.25%	0.024%
12	5.776	412	415	418	rVB2	2302	2396	0.16%	0.015%
13	6.299	499	504	505	rBV2	3253	4601	0.30%	0.029%
14	6.452	525	530	531	rBV	1579	2413	0.16%	0.015%
15	6.487	533	536	538	rBV	2417	2238	0.15%	0.014%
16	7.386	682	689	700	rBV	229603	444541	29.43%	2.796%
17	7.562	713	719	726	rVB	126053	213775	14.15%	1.345%
18	7.774	747	755	761	rBV	222044	387675	25.66%	2.439%
19	8.250	829	836	843	rBV	144108	248637	16.46%	1.564%
20	8.943	946	954	963	rVB2	270956	485608	32.14%	3.055%
21	9.131	982	986	989	rBV2	1680	2690	0.18%	0.017%
22	9.202	995	998	1000	rBV2	2075	2351	0.16%	0.015%
23	9.307	1012	1016	1022	rVB	4491	6109	0.40%	0.038%
24	9.419	1026	1035	1042	rVV	221766	405726	26.86%	2.552%
25	9.825	1100	1104	1108	rVB2	7749	9553	0.63%	0.060%
26	10.142	1151	1158	1168	rVB2	223736	413030	27.34%	2.598%
27	10.347	1190	1193	1196	rVB4	3222	3518	0.23%	0.022%
28	10.494	1215	1218	1221	rBV4	1830	2720	0.18%	0.017%
29	10.682	1242	1250	1257	rBV	306059	558097	36.94%	3.511%
30	11.076	1308	1317	1325	rBV	178938	329014	21.78%	2.070%
31	11.199	1330	1338	1348	rVV	262084	480793	31.83%	3.025%
32	11.523	1388	1393	1399	rBV	16793	25275	1.67%	0.159%
33	12.645	1578	1584	1587	rBV2	5927	9133	0.60%	0.057%
34	13.127	1662	1666	1670	rBV2	3533	5702	0.38%	0.036%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

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-BG111920MA.M
Title : SVOA CALIBRATION

35	13.356	1702	1705	1708	rVB2	1703	2502	0.17%	0.016%
36	13.673	1758	1759	1765	rVB2	3210	3944	0.26%	0.025%
37	13.743	1765	1771	1776	rVB3	6891	11988	0.79%	0.075%
38	14.255	1852	1858	1863	rBV	575966	846488	56.03%	5.325%
39	14.302	1863	1866	1875	rVV	137564	183175	12.13%	1.152%
40	14.378	1875	1879	1882	rVB	2650	2580	0.17%	0.016%
41	14.490	1894	1898	1899	rBV	1929	2582	0.17%	0.016%
42	14.560	1903	1910	1917	rVB	568599	889124	58.86%	5.593%
43	14.736	1934	1940	1943	rBV3	4841	6718	0.44%	0.042%
44	14.866	1955	1962	1968	rVV	310471	488931	32.36%	3.076%
45	15.030	1982	1990	2001	rBV	316281	502840	33.29%	3.163%
46	15.253	2020	2028	2032	rBV6	12546	27586	1.83%	0.174%
47	15.647	2092	2095	2099	rBV	1818	3045	0.20%	0.019%
48	15.682	2099	2101	2105	rVB2	2966	3567	0.24%	0.022%
49	15.847	2121	2129	2137	rVV	714696	1120643	74.18%	7.050%
50	15.953	2141	2147	2158	rVB	296696	457262	30.27%	2.876%
51	16.088	2164	2170	2174	rBV3	11253	15425	1.02%	0.097%
52	16.317	2207	2209	2212	rVB2	2633	2511	0.17%	0.016%
53	16.628	2261	2262	2265	rVB3	4588	2983	0.20%	0.019%
54	16.822	2292	2295	2300	rVB3	6212	9714	0.64%	0.061%
55	16.887	2300	2306	2308	rBV3	3118	5800	0.38%	0.036%
56	16.975	2320	2321	2325	rVB	2731	3027	0.20%	0.019%
57	17.275	2369	2372	2377	rBV	3583	5327	0.35%	0.034%
58	17.322	2377	2380	2383	rBV3	3397	4462	0.30%	0.028%
59	17.357	2385	2386	2390	rBV3	2768	2773	0.18%	0.017%
60	17.598	2419	2427	2434	rBV	422006	658688	43.60%	4.144%
61	17.698	2436	2444	2453	rBV2	806566	1236556	81.85%	7.779%
62	17.827	2464	2466	2467	rBV2	2454	2378	0.16%	0.015%
63	17.892	2475	2477	2481	rVB2	3228	4821	0.32%	0.030%
64	17.968	2486	2490	2491	rBV	2015	2312	0.15%	0.015%
65	18.226	2529	2534	2535	rBV	2652	2938	0.19%	0.018%
66	18.385	2560	2561	2564	rBV	2444	2261	0.15%	0.014%
67	18.456	2569	2573	2577	rBV4	6661	9681	0.64%	0.061%
68	18.720	2615	2618	2620	rVB2	2997	3620	0.24%	0.023%
69	18.743	2620	2622	2624	rBV	2683	3292	0.22%	0.021%
70	18.785	2626	2629	2633	rVV3	3024	4979	0.33%	0.031%
71	18.902	2645	2649	2651	rBV4	2336	3001	0.20%	0.019%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

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-BG111920MA.M
Title : SVOA CALIBRATION

72	18.978	2658	2662	2663	rBV2	2224	2543	0.17%	0.016%
73	19.008	2665	2667	2669	rVB2	2817	2717	0.18%	0.017%
74	19.190	2694	2698	2701	rBV3	7727	10108	0.67%	0.064%
75	19.284	2712	2714	2717	rBV3	2206	2247	0.15%	0.014%
76	19.349	2722	2725	2726	rBV3	2953	2619	0.17%	0.016%
77	19.384	2729	2731	2732	rBV	2483	2387	0.16%	0.015%
78	19.425	2735	2738	2740	rBV3	2183	2706	0.18%	0.017%
79	19.560	2760	2761	2763	rBV	2611	2442	0.16%	0.015%
80	19.601	2765	2768	2772	rVB3	11783	16385	1.08%	0.103%
81	19.860	2808	2812	2818	rVB4	10944	21008	1.39%	0.132%
82	19.966	2823	2830	2842	rVB	1013108	1510702	100.00%	9.503%
83	20.159	2861	2863	2865	rBV2	4672	4816	0.32%	0.030%
84	20.253	2875	2879	2882	rBV	95196	107119	7.09%	0.674%
85	20.289	2882	2885	2891	rVB	175276	199115	13.18%	1.253%
86	20.847	2978	2980	2984	rBV4	8635	9134	0.60%	0.057%
87	21.194	3037	3039	3041	rBV3	8295	5864	0.39%	0.037%
88	21.258	3045	3050	3053	rBV2	52449	77978	5.16%	0.491%
89	21.293	3053	3056	3060	rVB	105260	120939	8.01%	0.761%
90	21.481	3084	3088	3097	rBV2	96734	166640	11.03%	1.048%
91	21.881	3149	3156	3164	rVB2	396452	692985	45.87%	4.359%
92	22.398	3240	3244	3248	rBV7	22655	39726	2.63%	0.250%
93	22.445	3248	3252	3257	rVB2	48330	69091	4.57%	0.435%
94	23.873	3487	3495	3499	rBV8	30717	67684	4.48%	0.426%
95	23.937	3502	3506	3511	rVB6	42864	80321	5.32%	0.505%
96	25.030	3682	3692	3705	rVB	455415	1348281	89.25%	8.482%
97	25.265	3724	3732	3743	rVB3	220290	683984	45.28%	4.303%
98	25.553	3779	3781	3783	rBV3	6678	5986	0.40%	0.038%
99	27.903	4179	4181	4182	rBV2	9020	6462	0.43%	0.041%
100	30.277	4583	4585	4586	rBV2	8020	5169	0.34%	0.033%

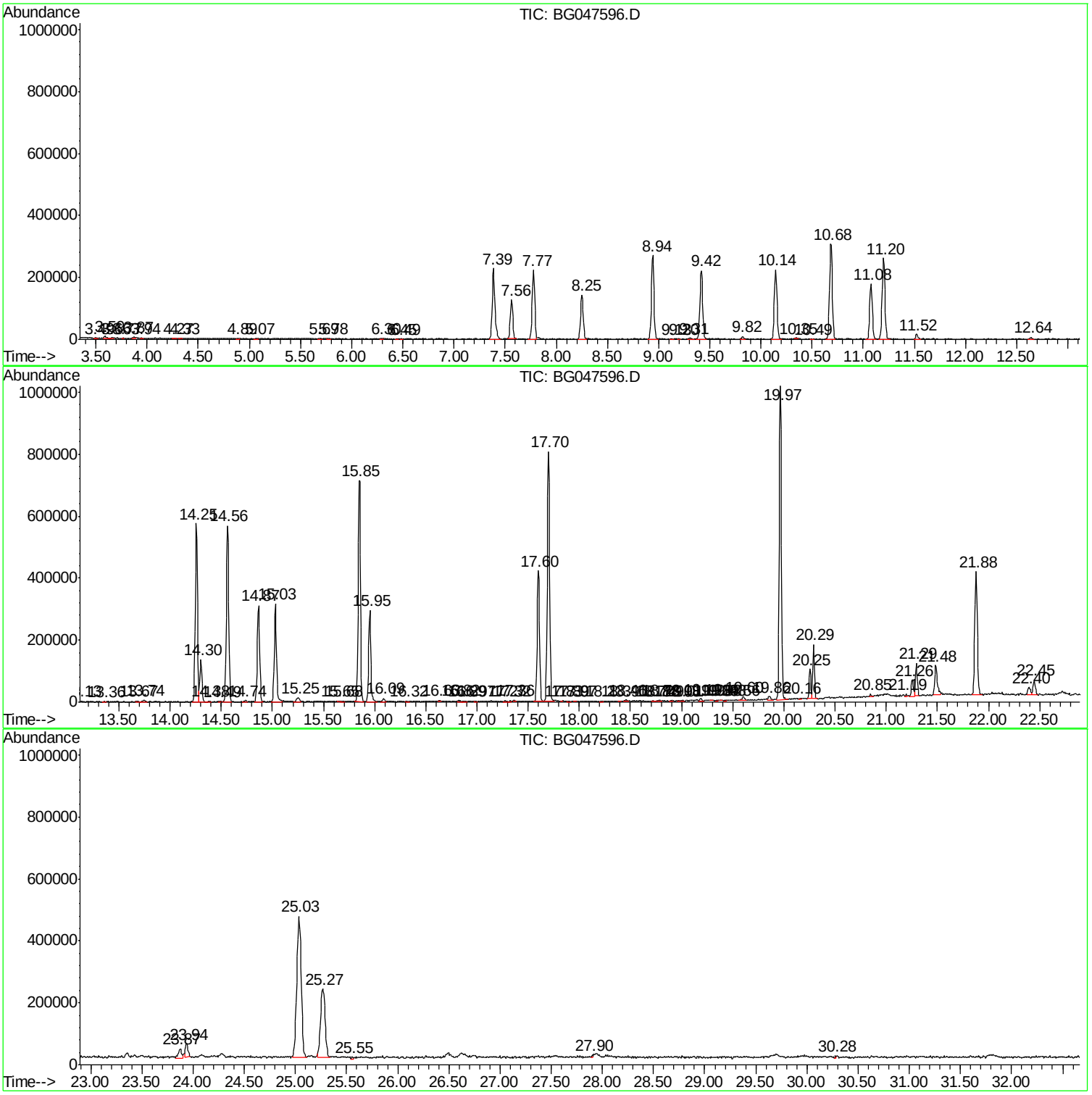
Sum of corrected areas: 15896574

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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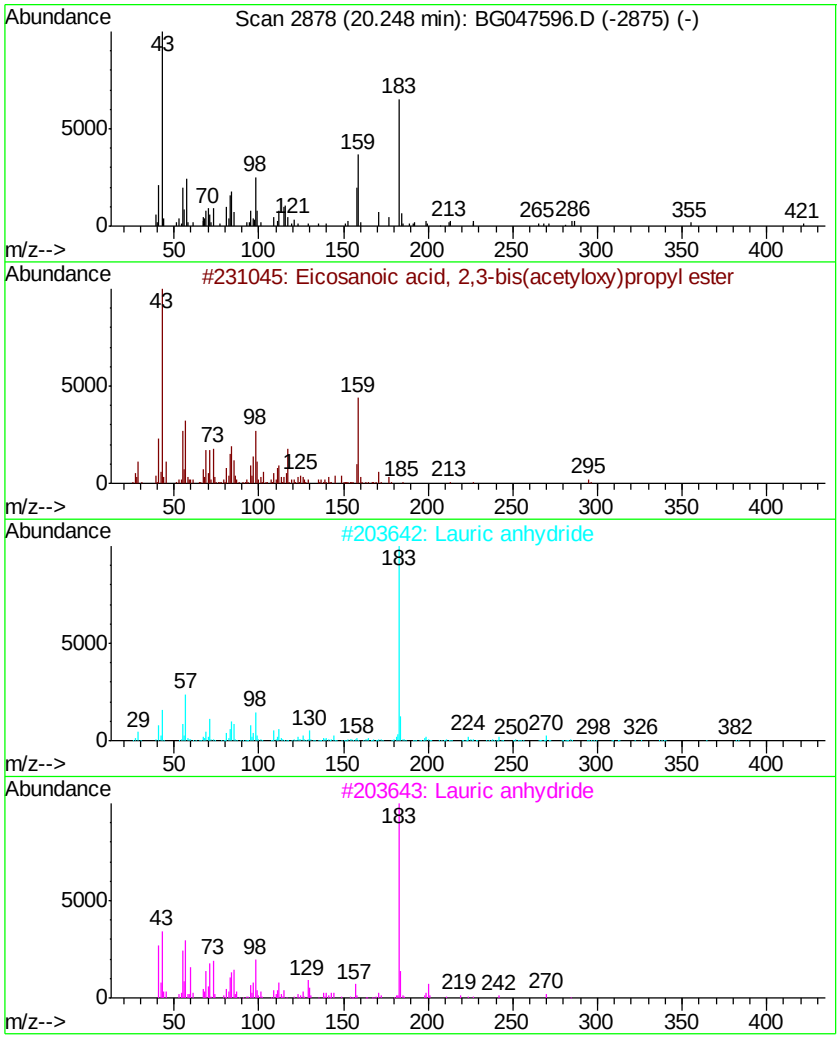
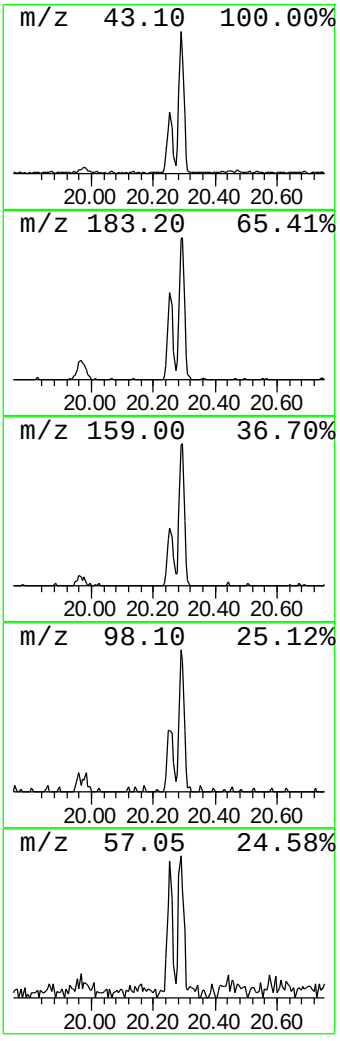
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	3.09 ng/ul	107119	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	43
2	Lauric anhydride	382	C24H46O3	000645-66-9	38
3	Lauric anhydride	382	C24H46O3	000645-66-9	37
4	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	35
5	Fumaric acid, hexyl isobutyl ester	256	C14H24O4	1000330-43-0	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

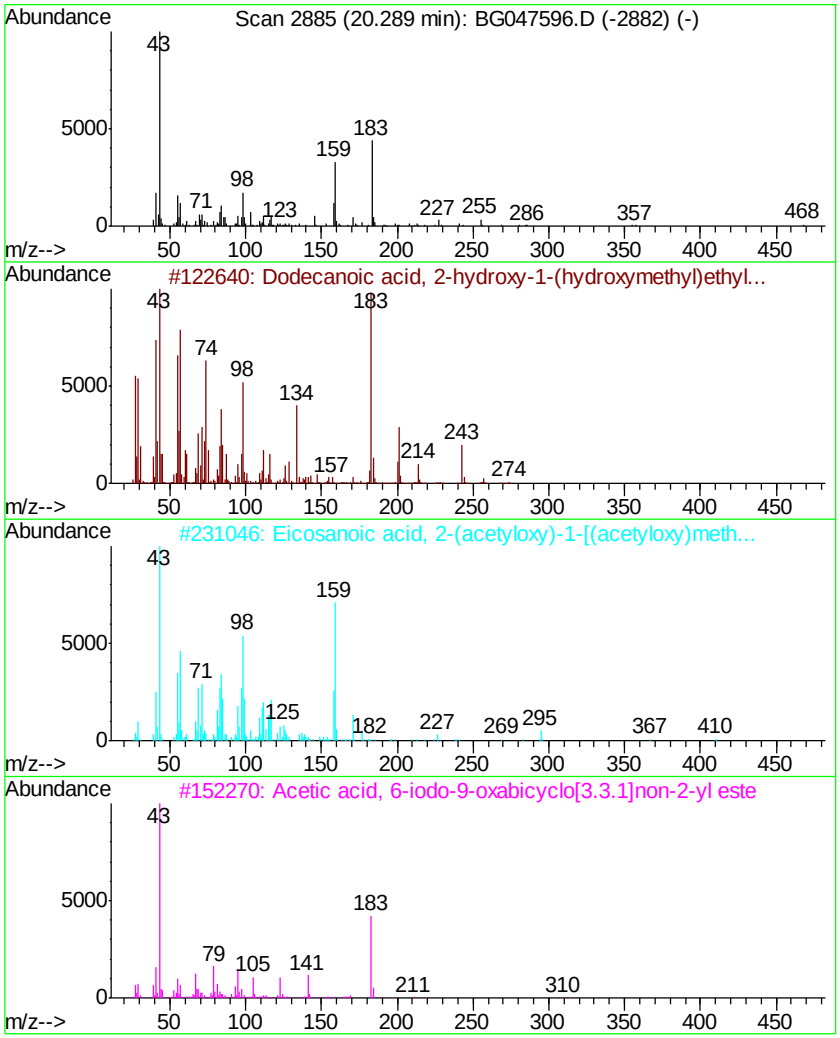
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

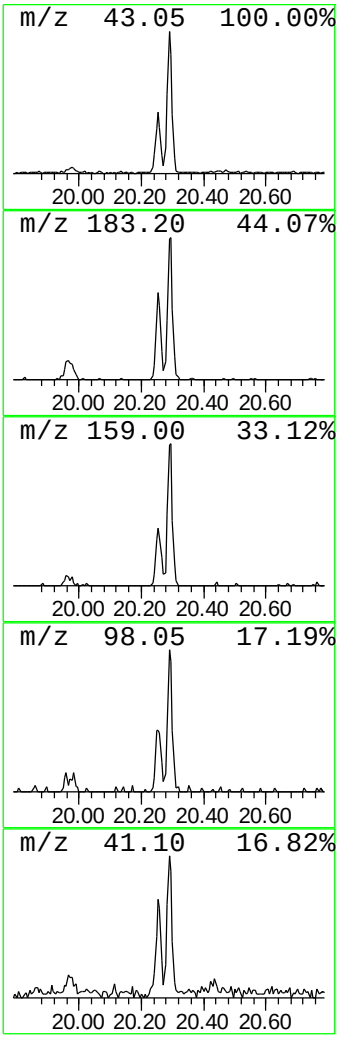
****

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	5.75 ng/ul	199115	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	16
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	14
3	Acetic acid, 6-iodo-9-oxabicyclo...	310	C10H15IO3	1000190-80-0	12
4	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	10
5	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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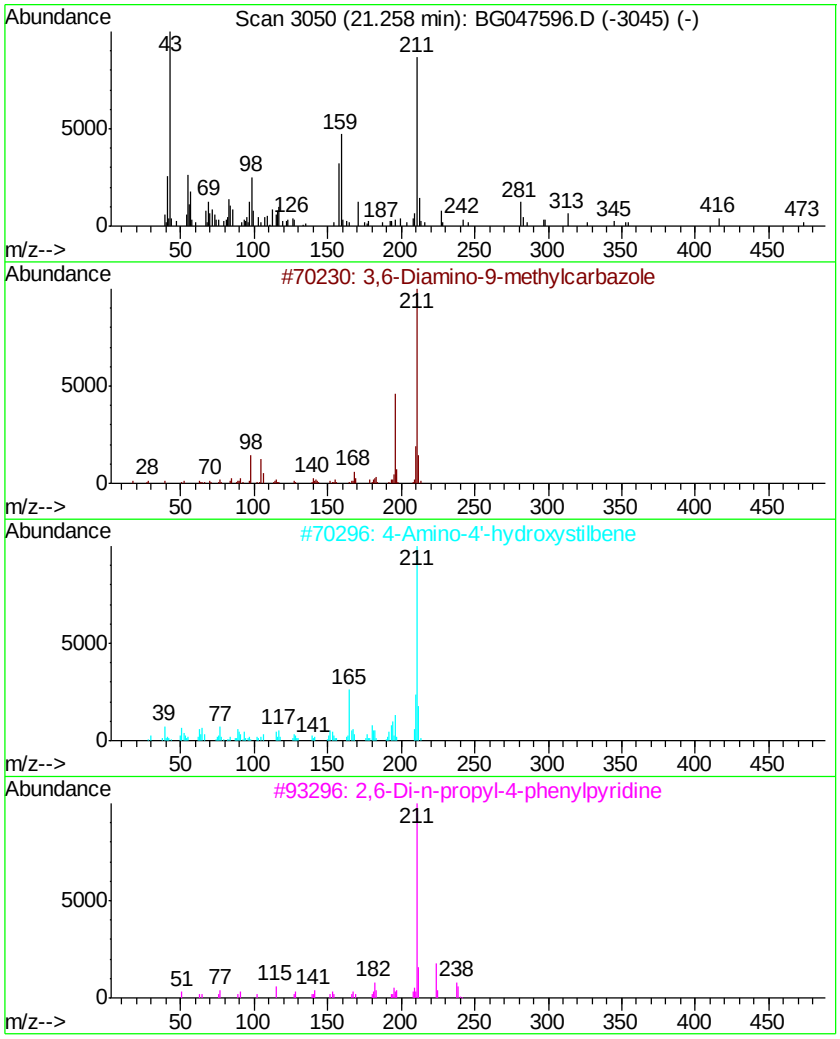
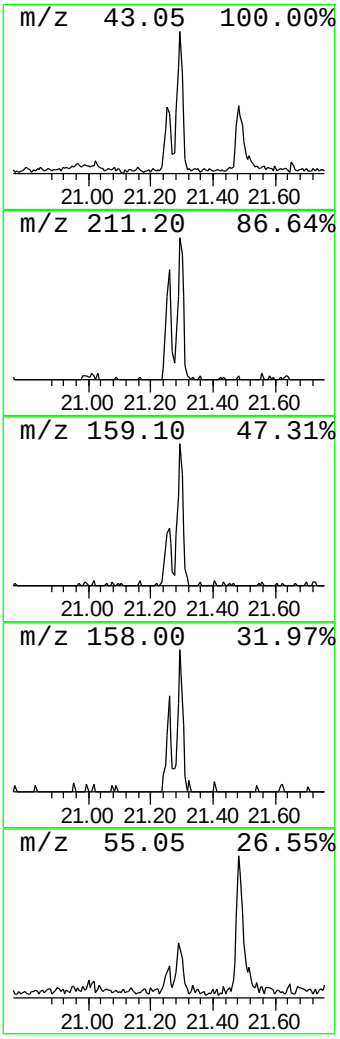
Peak Number 3 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.25 ng/ul	77978	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Diamino-9-methylcarbazole	211	C13H13N3	046498-17-3	38
2	4-Amino-4'-hydroxystilbene	211	C14H13NO	000836-44-2	38
3	2,6-Di-n-propyl-4-phenylpyridine	239	C17H21N	073669-40-6	35
4	2-Oxo-4-cyano[1,2,4]oxadiazolo[2...	211	C11H5N3O2	1000255-12-8	35
5	1H-Benzo[d,E]phthalazine, 6-meth...	226	C14H14N2O	078378-22-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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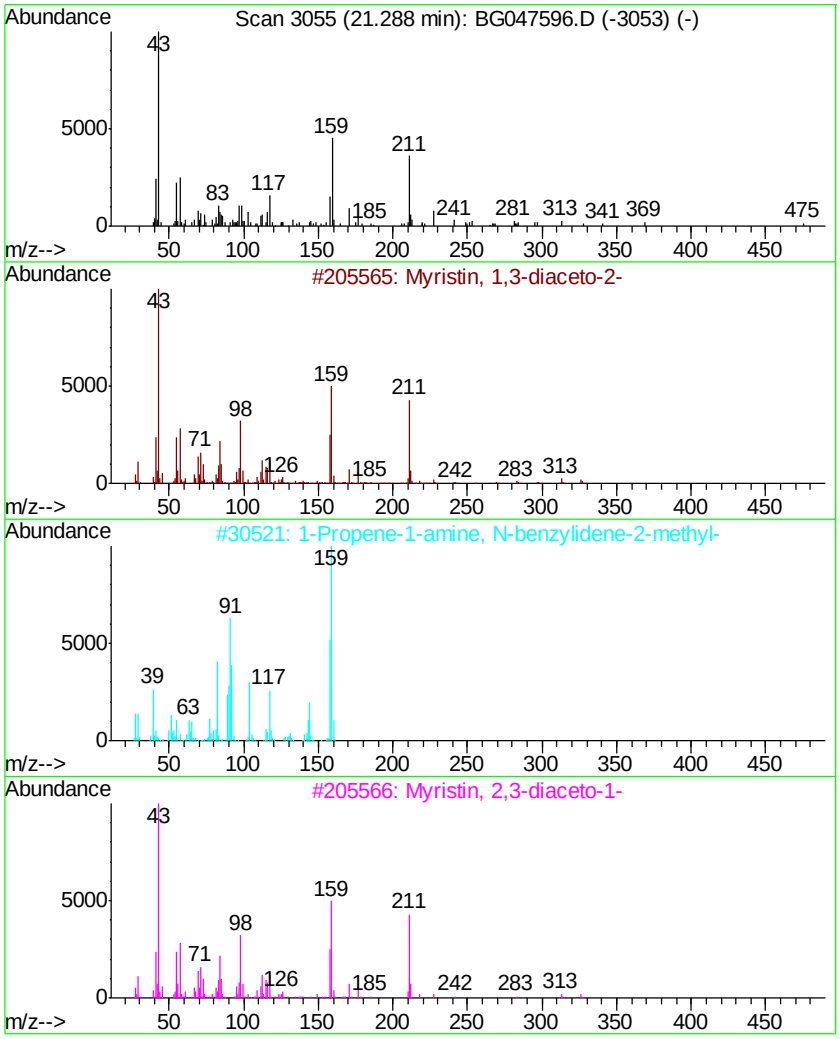
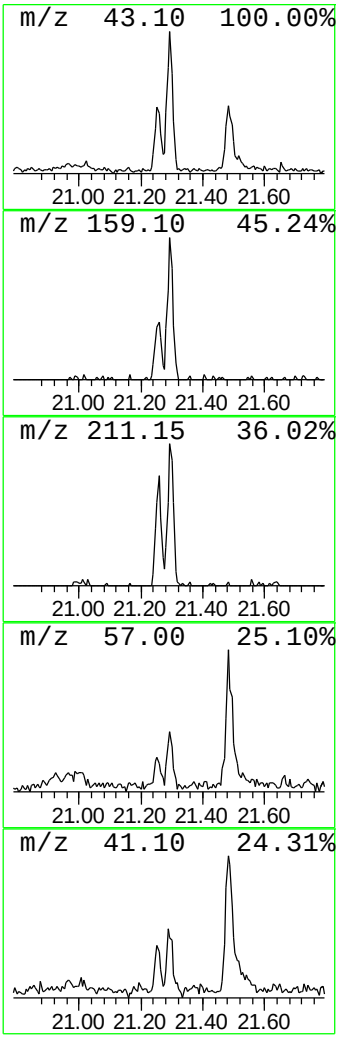
Peak Number 4 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.49 ng/ul	120939	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	45
2	1-Propene-1-amine, N-benzylidene...	159	C11H13N	039575-55-8	27
3	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	25
4	1H-Inden-2-amine, N,N-dimethyl-	159	C11H13N	035336-08-4	25
5	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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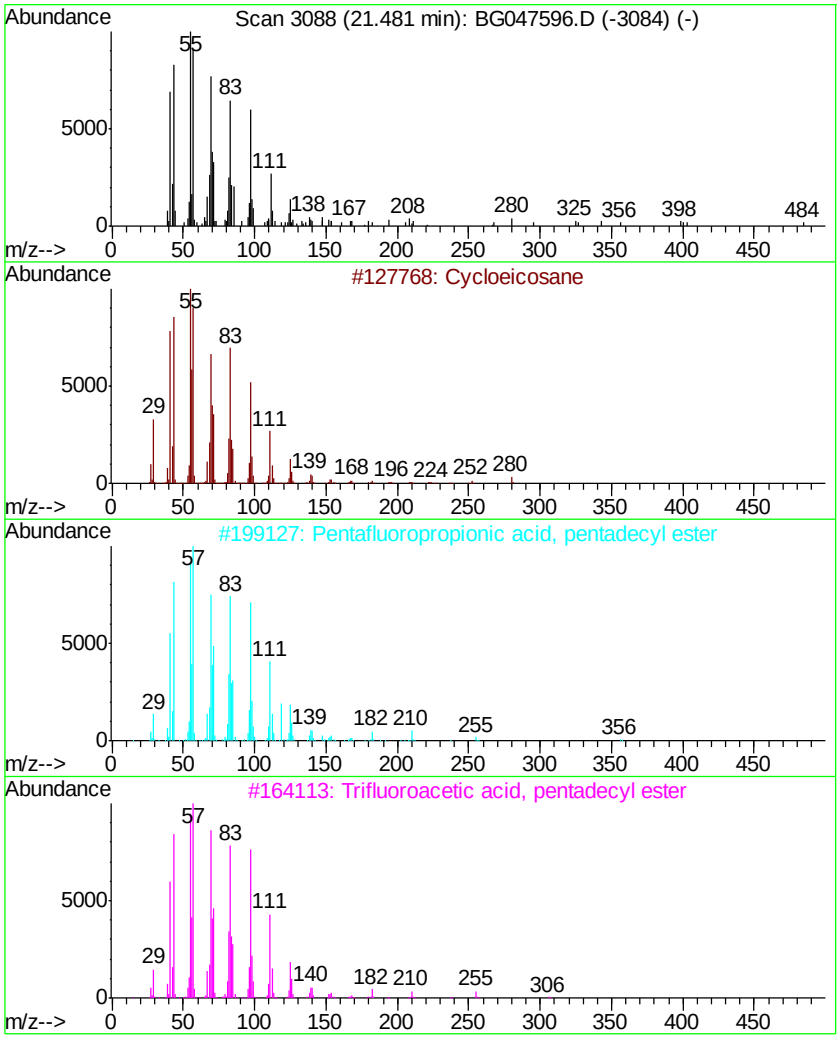
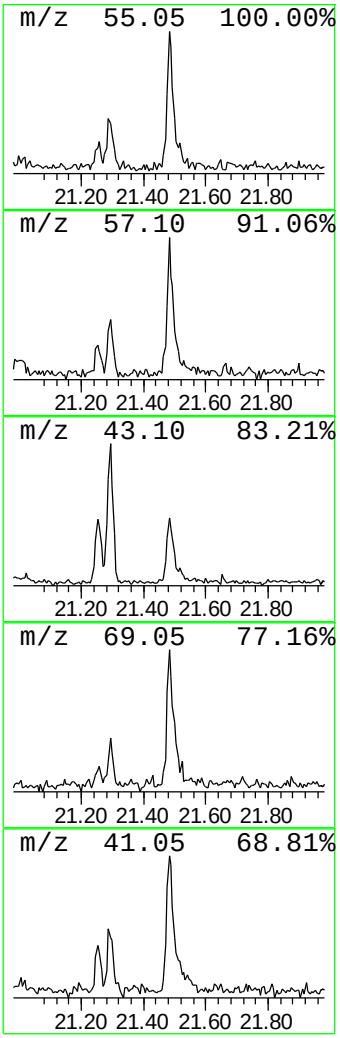
Peak Number 5 (DEL) Alkane: Cyclic21.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	4.81 ng/ul	166640	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

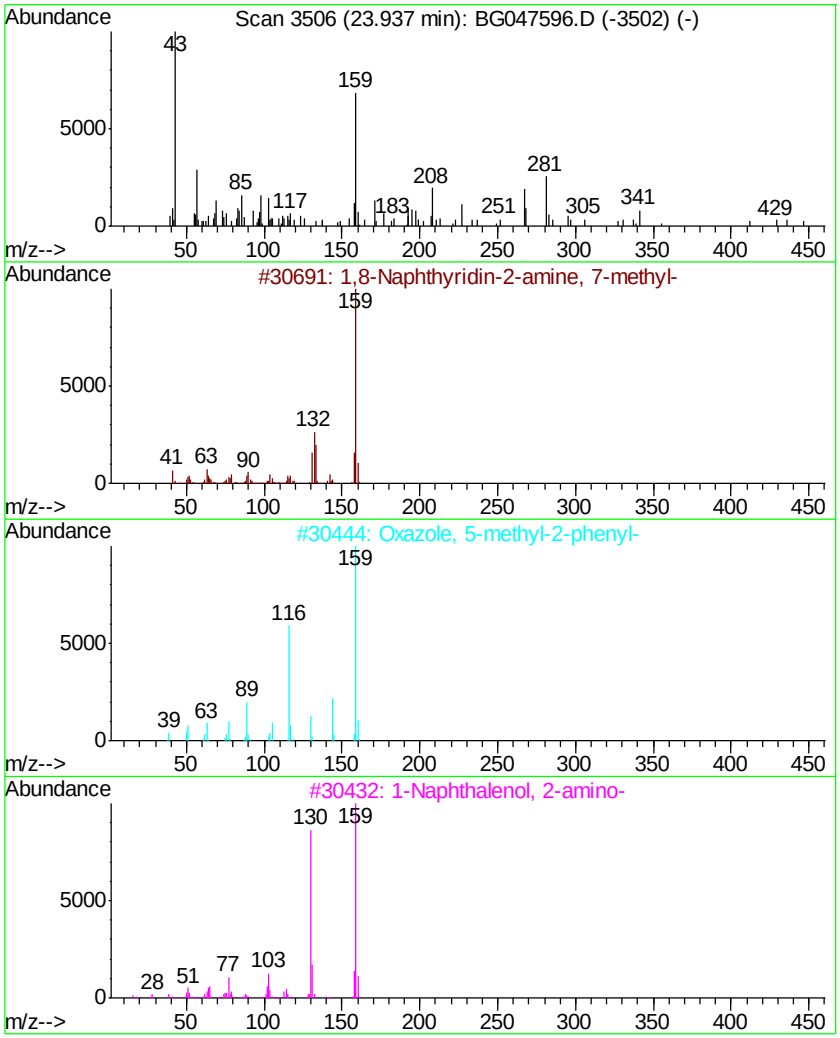
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

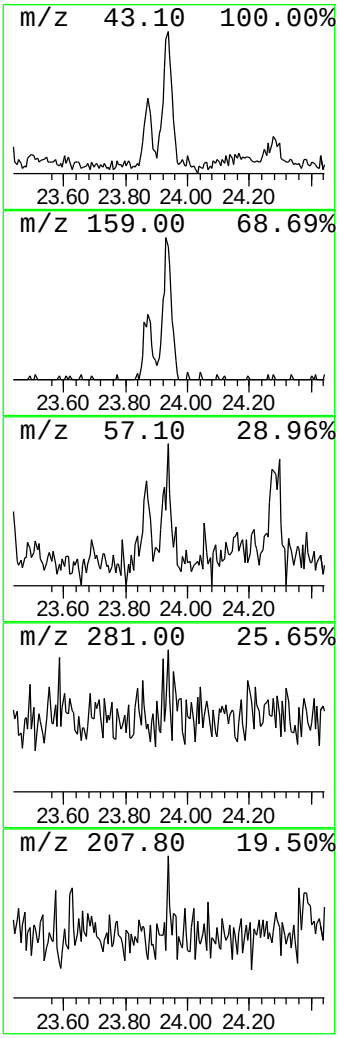
****

Peak Number 6 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.35 ng/ul	80321	Perylene-d12	25.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Naphthyridin-2-amine, 7-methyl-	159	C9H9N3	001568-93-0	18
2	Oxazole, 5-methyl-2-phenyl-	159	C10H9NO	005221-67-0	14
3	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	14
4	2,4-Difluorobenzoic acid, eicosy...	438	C27H44F2O2	1000338-79-8	14
5	Nonanoic acid, tridecyl ester	340	C22H44O2	1000340-28-0	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120420\
Data File : BG047596.D
Acq On : 5 Dec 2020 8:27
Operator : CG/JU
Sample : L4864-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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
unknown-01	20.25	3.1	ng/ul	107119	5	21.88	692985	20.0
unknown-02	20.29	5.8	ng/ul	199115	5	21.88	692985	20.0
unknown-03	21.26	2.3	ng/ul	77978	5	21.88	692985	20.0
unknown-04	21.29	3.5	ng/ul	120939	5	21.88	692985	20.0
(DEL) Alkane: Cyc...	21.48	4.8	ng/ul	166640	5	21.88	692985	20.0
unknown-05	23.94	2.4	ng/ul	80321	6	25.26	683984	20.0