LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047404.D
Acq On : 21 Nov 2020 21:10
Operator : CG/JU
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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	3.615	45	47	53	rVB2	9481	9924	0.79%	0.063%
2	3.897	91	95	98	rBV4	4415	6194	0.49%	0.039%
3	4.149	136	138	145	rBV3	4062	6378	0.51%	0.040%
4	4.296	160	163	165	rBV	2877	2745	0.22%	0.017%
5	4.396	175	180	183	rBV4	3341	6112	0.49%	0.039%
6	4.584	208	212	215	rBV3	2965	3747	0.30%	0.024%
7	4.614	215	217	222	rVB	4275	4479	0.36%	0.028%
8	5.295	330	333	335	rBV	3043	3978	0.32%	0.025%
9	5.513	368	370	375	rVB	3099	3277	0.26%	0.021%
10	6.464	526	532	534	rBV	2420	4204	0.33%	0.026%
11	6.500	534	538	542	rBV	2050	3158	0.25%	0.020%
12	6.870	598	601	605	rBV	2345	3163	0.25%	0.020%
13	7.222	660	661	664	rVB2	4955	2865	0.23%	0.018%
14	7.410	684	693	701	rBV	212640	377730	30.00%	2.380%
15	7.587	717	723	731	rVB	118185	203122	16.13%	1.280%
16	7.798	753	759	765	rBV	197718	346080	27.49%	2.180%
17	7.851	765	768	773	rVB2	14762	19987	1.59%	0.126%
18	8.110	806	812	814	rBV	2386	2816	0.22%	0.018%
19	8.274	832	840	847	rBV	179019	320509	25.46%	2.019%
20	8.615	893	898	899	rVB	1964	2828	0.22%	0.018%
21	8.967	951	958	966	rBV2	255489	433281	34.42%	2.730%
22	9.443	1031	1039	1046	rVV	191733	352297	27.98%	2.220%
23	9.855	1105	1109	1114	rVB2	5465	7515	0.60%	0.047%
24	9.902	1114	1117	1120	rBV	2229	2854	0.23%	0.018%
25	9.990	1131	1132	1136	rBV2	1802	2647	0.21%	0.017%
26	10.172	1156	1163	1171	rBV3	182786	338675	26.90%	2.134%
27	10.448	1208	1210	1214	rVB	2180	2686	0.21%	0.017%
28	10.524	1220	1223	1226	rBV	2560	3151	0.25%	0.020%
29	10.712	1245	1255	1262	rBV	275512	511848	40.66%	3.225%
30	11.106	1312	1322	1330	rBV	237265	438265	34.81%	2.761%
31	11.224	1335	1342	1349	rVV	217564	391247	31.08%	2.465%
32	11.835	1444	1446	1449	rBV3	3514	4964	0.39%	0.031%
33	11.940	1458	1464	1465	rBV	1904	2641	0.21%	0.017%
34	12.017	1474	1477	1480	rBV	2639	3690	0.29%	0.023%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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	12.070	1483	1486	1489	rVB	2524	3240	0.26%	0.020%
36	12.657	1583	1586	1588	rBV2	4048	5431	0.43%	0.034%
37	12.734	1598	1599	1604	rVB3	2359	2717	0.22%	0.017%
38	12.828	1611	1615	1616	rBV	2365	2756	0.22%	0.017%
39	12.957	1633	1637	1639	rBV	2256	3095	0.25%	0.019%
40	13.726	1760	1768	1769	rBV3	7827	11407	0.91%	0.072%
41	13.773	1771	1776	1778	rBV2	7662	9309	0.74%	0.059%
42	13.844	1785	1788	1790	rBV2	3726	3053	0.24%	0.019%
43	14.073	1825	1827	1829	rVV	3922	2786	0.22%	0.018%
44	14.279	1855	1862	1866	rBV	481304	721084	57.28%	4.543%
45	14.326	1866	1870	1877	rVB2	169783	257587	20.46%	1.623%
46	14.502	1897	1900	1901	rBV	3929	3038	0.24%	0.019%
47	14.584	1906	1914	1925	rVB	476892	784905	62.35%	4.945%
48	14.825	1953	1955	1959	rBV2	2859	3752	0.30%	0.024%
49	14.890	1959	1966	1972	rVB2	366041	598906	47.57%	3.773%
50	14.943	1972	1975	1982	rBV2	7122	13436	1.07%	0.085%
51	15.043	1984	1992	2000	rBV	233002	377913	30.02%	2.381%
52	15.272	2025	2031	2037	rVB7	7408	17293	1.37%	0.109%
53	15.319	2037	2039	2042	rBV	2922	3373	0.27%	0.021%
54	15.613	2085	2089	2090	rBV2	2651	3629	0.29%	0.023%
55	15.660	2095	2097	2100	rVV3	3805	4284	0.34%	0.027%
56	15.765	2109	2115	2118	rBV3	3410	5531	0.44%	0.035%
57	15.871	2124	2133	2139	rBV	628173	963293	76.52%	6.069%
58	15.918	2139	2141	2145	rVV2	4586	6918	0.55%	0.044%
59	15.971	2145	2150	2156	rVV2	145977	215482	17.12%	1.358%
60	16.112	2168	2174	2177	rBV6	7829	15409	1.22%	0.097%
61	16.224	2186	2193	2194	rBV4	5812	10267	0.82%	0.065%
62	16.429	2224	2228	2229	rBV2	3112	3285	0.26%	0.021%
63	16.535	2244	2246	2249	rVB4	5374	5267	0.42%	0.033%
64	16.641	2262	2264	2268	rBV4	4114	5275	0.42%	0.033%
65	16.735	2278	2280	2281	rBV	3923	2668	0.21%	0.017%
66	16.776	2285	2287	2288	rBV	3475	2867	0.23%	0.018%
67	16.852	2296	2300	2305	rVB2	11604	13831	1.10%	0.087%
68	16.982	2317	2322	2323	rBV4	5713	6664	0.53%	0.042%
69	17.187	2354	2357	2358	rBV3	5459	4850	0.39%	0.031%
70	17.269	2366	2371	2374	rBV5	10852	16775	1.33%	0.106%
71	17.352	2382	2385	2387	rBV5	9941	12057	0.96%	0.076%

LSC Area Percent Report

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Acq On : 21 Nov 2020 21:10
Operator : CG/JU
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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-BG111920MA.M
Title : SVOA CALIBRATION

72	17.487	2405	2408	2411	rBV2	21197	24937	1.98%	0.157%
73	17.551	2415	2419	2422	rBV5	10853	15183	1.21%	0.096%
74	17.622	2425	2431	2435	rVV	438283	706388	56.11%	4.450%
75	17.663	2435	2438	2442	rVV	156192	230403	18.30%	1.452%
76	17.722	2442	2448	2458	rVV	618102	1019250	80.96%	6.422%
77	17.810	2459	2463	2467	rVB5	8019	13397	1.06%	0.084%
78	17.922	2480	2482	2485	rVB3	6559	5933	0.47%	0.037%
79	17.980	2489	2492	2493	rBV3	6388	7582	0.60%	0.048%
80	18.010	2493	2497	2504	rVB2	17098	29409	2.34%	0.185%
81	18.192	2526	2528	2531	rBV4	7068	5928	0.47%	0.037%
82	18.262	2538	2540	2545	rVB4	7723	8525	0.68%	0.054%
83	18.486	2574	2578	2583	rBV2	138372	205169	16.30%	1.293%
84	18.538	2583	2587	2594	rVB4	32846	68049	5.41%	0.429%
85	18.680	2606	2611	2616	rBV2	37245	74527	5.92%	0.470%
86	18.779	2626	2628	2630	rVB3	10064	7455	0.59%	0.047%
87	18.979	2657	2662	2664	rBV2	28940	41591	3.30%	0.262%
88	19.014	2665	2668	2677	rVB3	47598	73675	5.85%	0.464%
89	19.255	2705	2709	2714	rVB	58715	75920	6.03%	0.478%
90	19.655	2771	2777	2783	rVB	527527	762862	60.60%	4.806%
91	19.702	2783	2785	2788	rBV4	13156	13378	1.06%	0.084%
92	19.984	2827	2833	2836	rBV	785220	1258920	100.00%	7.932%
93	20.495	2917	2920	2925	rVB2	84209	124798	9.91%	0.786%
94	20.595	2934	2937	2941	rBV	46295	64517	5.12%	0.406%
95	21.511	3089	3093	3097	rVB2	192434	238792	18.97%	1.504%
96	21.776	3134	3138	3143	rVB2	133673	196463	15.61%	1.238%
97	21.899	3152	3159	3164	rBV2	397315	1045182	83.02%	6.585%
98	21.952	3165	3168	3176	rVB	255396	408794	32.47%	2.576%
99	24.220	3548	3554	3564	rBV	189050	624604	49.61%	3.935%
100	25.078	3695	3700	3707	rVB2	244073	568280	45.14%	3.580%

Sum of corrected areas: 15872401

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Data File : BG047404.D
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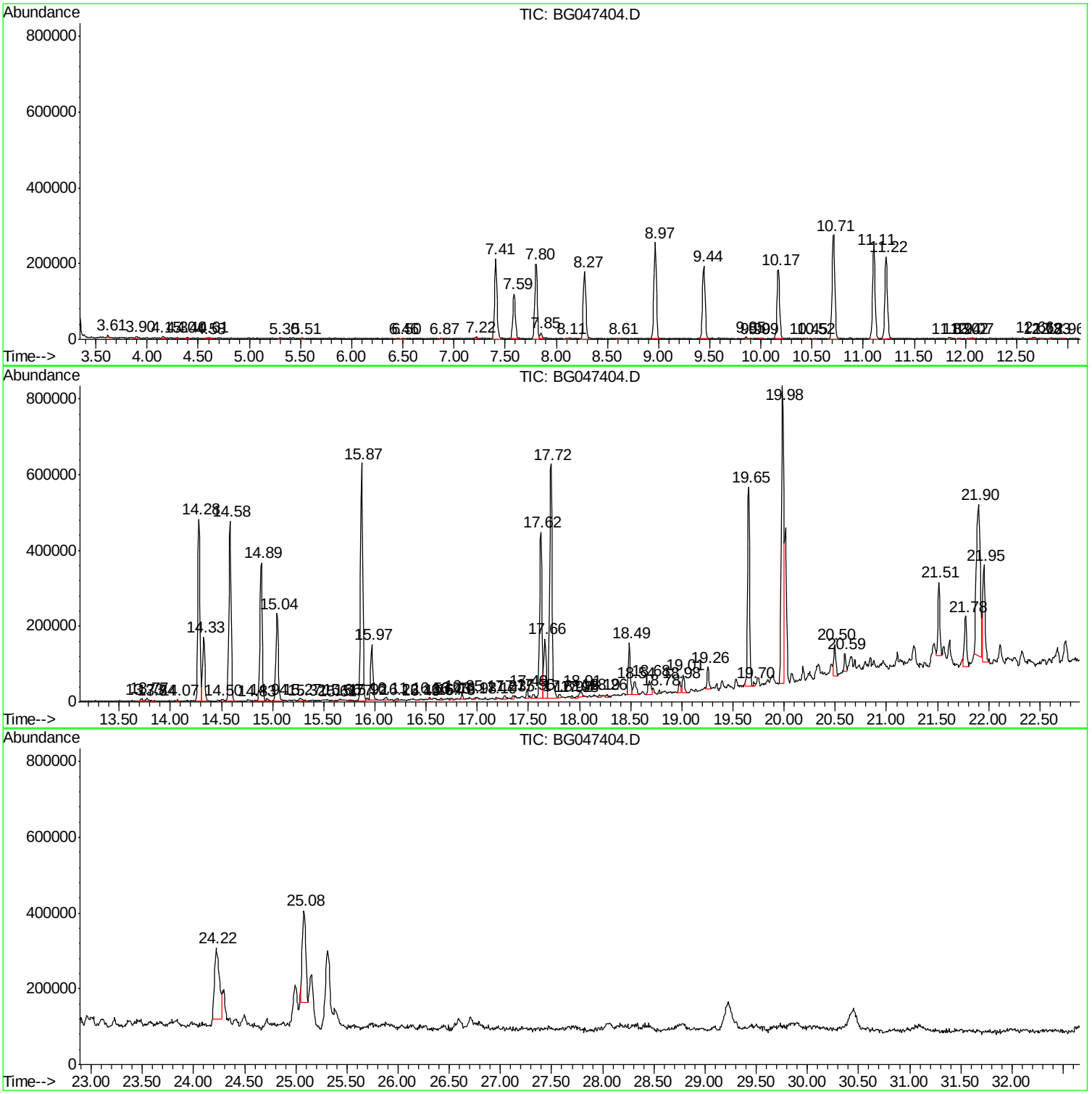
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B07

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047404.D
Acq On : 21 Nov 2020 21:10
Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : C0B07

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

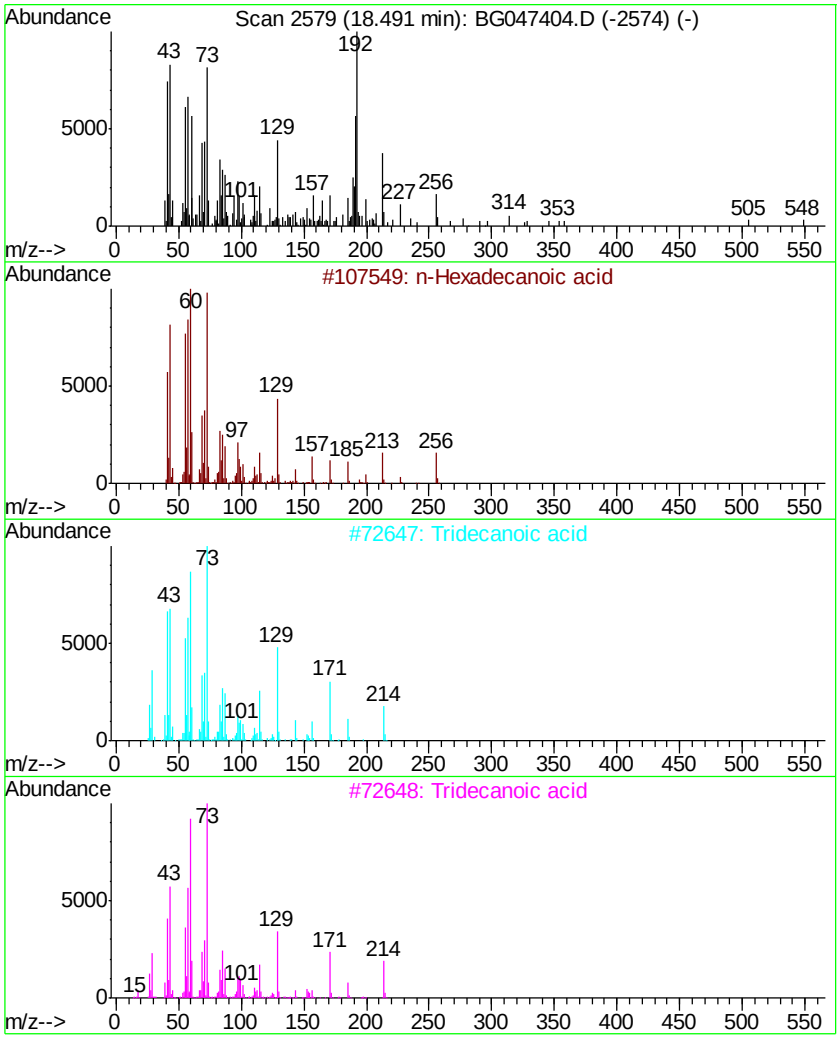
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

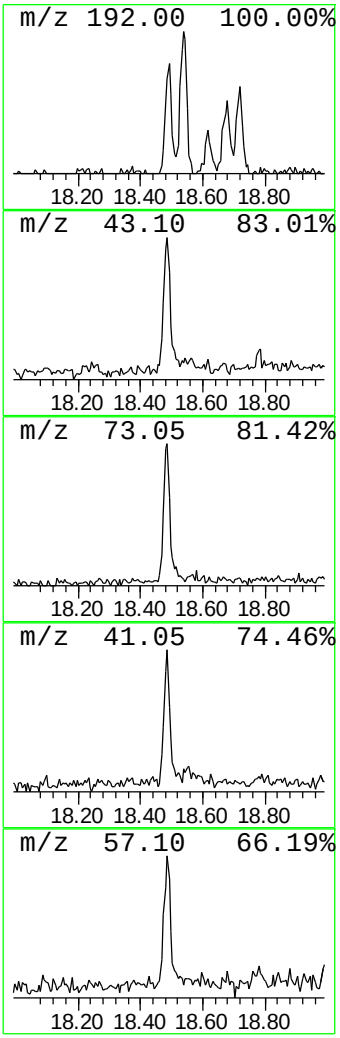
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	5.81 ng/ul	205169	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047404.D
Acq On : 21 Nov 2020 21:10
Operator : CG/JU
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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

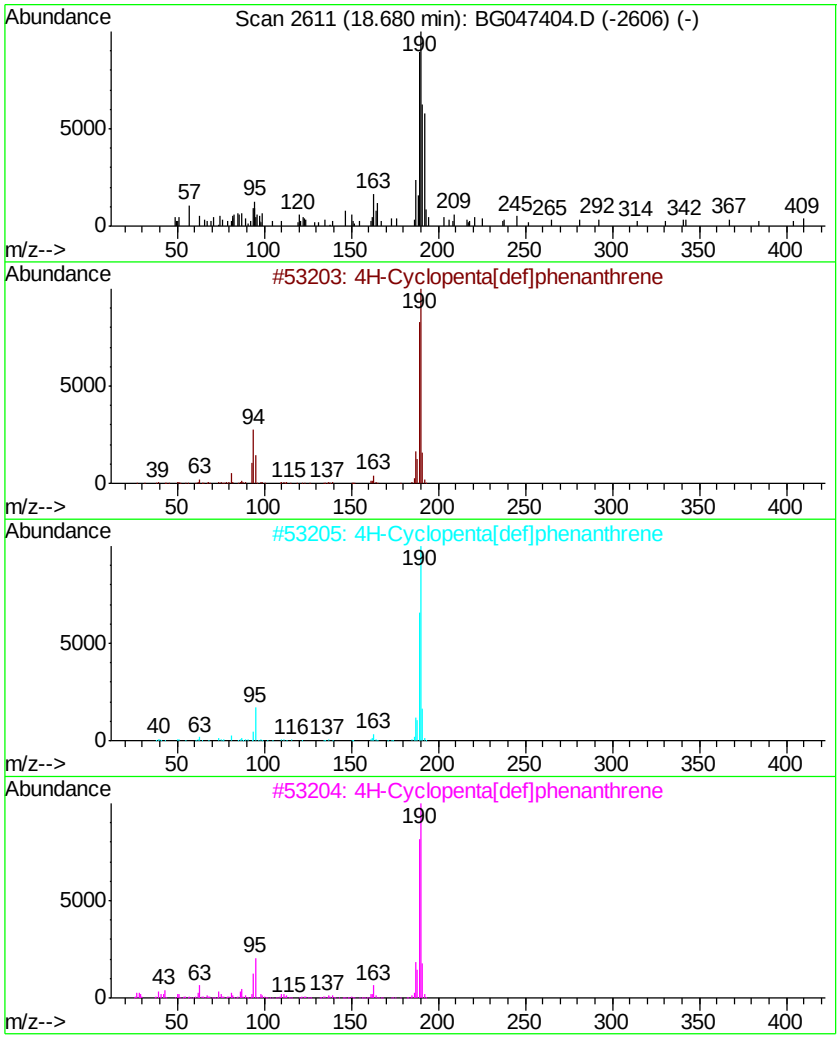
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

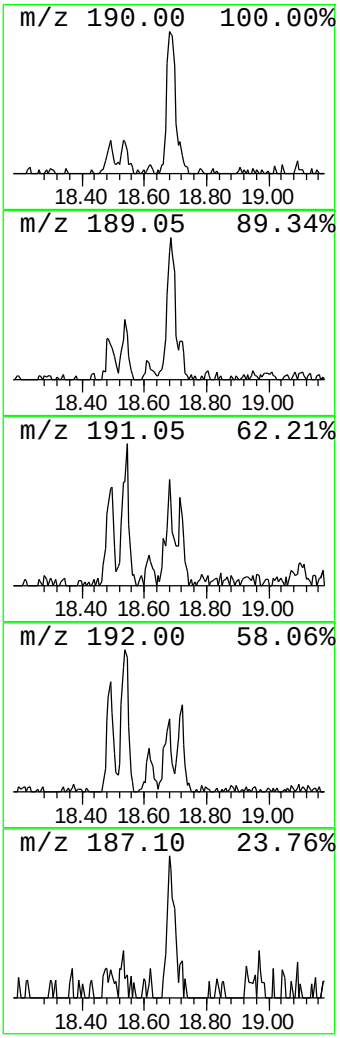
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.11 ng/ul	74527	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
5	4-Bromo-2-fluoroaniline	189	C6H5BrFN	000367-24-8	35





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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

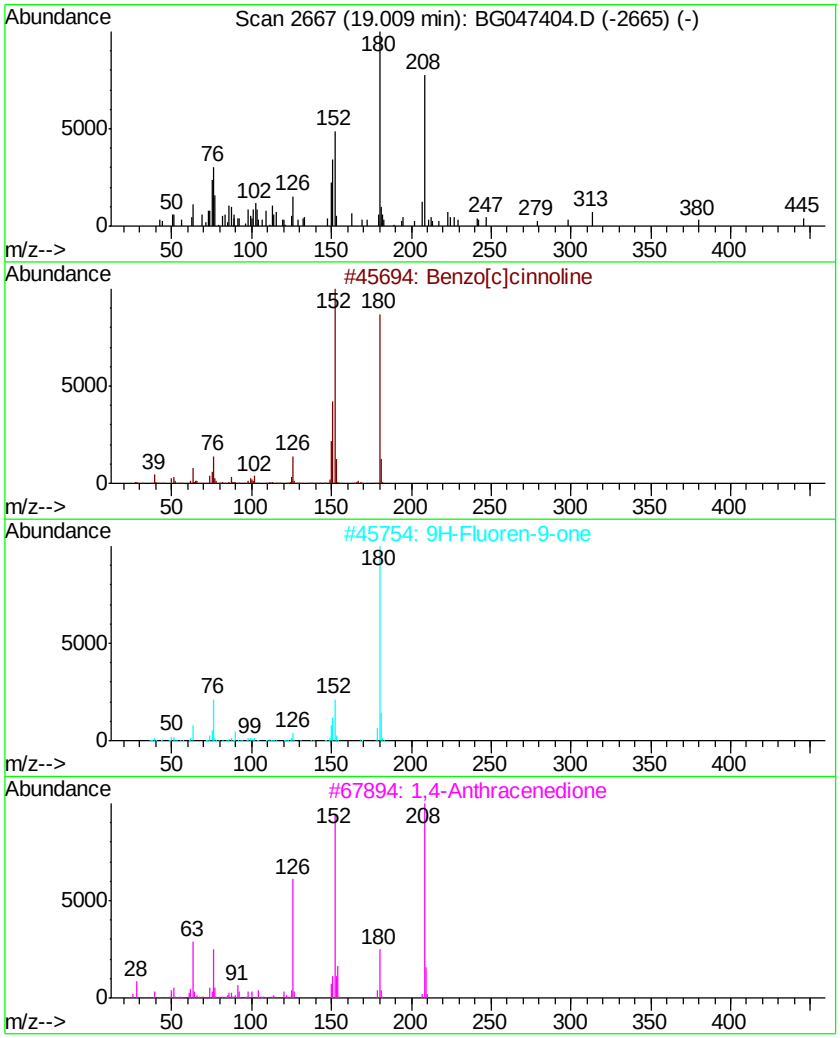
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

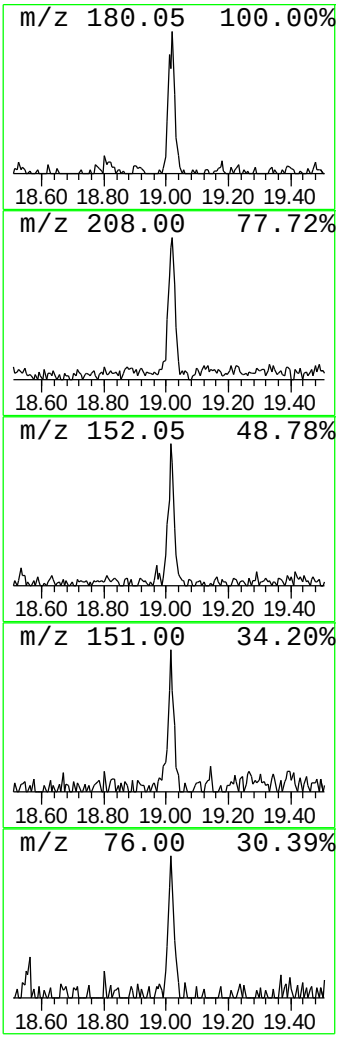
****

Peak Number 3 Benzo[c]cinnoline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.09 ng/ul	73675	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	47
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047404.D
Acq On : 21 Nov 2020 21:10
Operator : CG/JU
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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

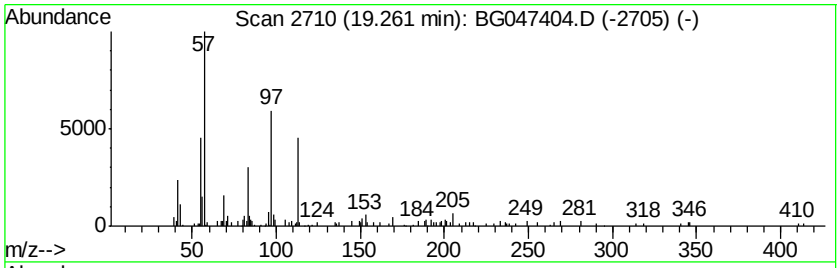
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

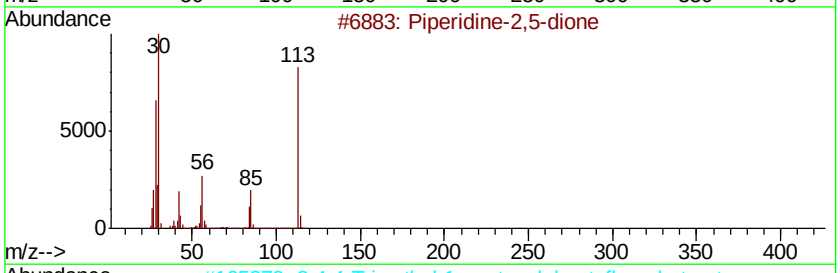
****

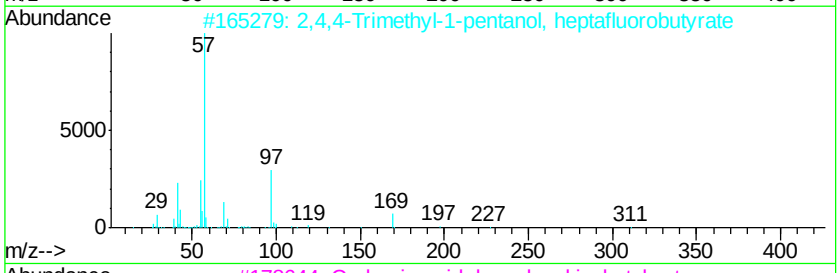
Peak Number 4 unknown-01 Concentration Rank 4

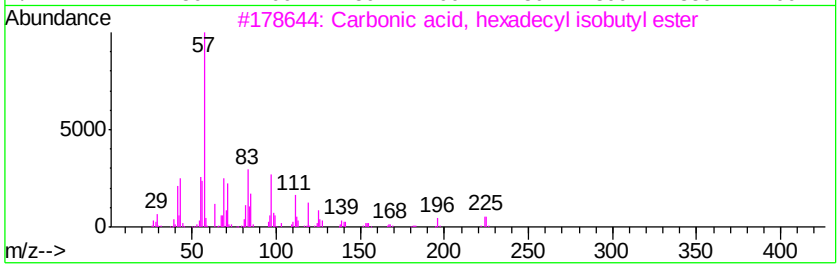
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.15 ng/ul	75920	Phenanthrene-d10	17.62

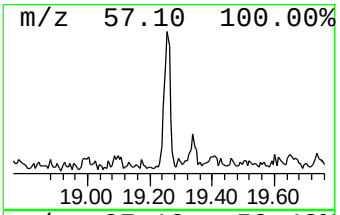
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	16
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	14
3	Carbonic acid, hexadecyl isobutyl...	342	C21H42O3	1000314-61-3	12
4	4-Hepten-3-one, 5-methyl-, (E)-	126	C8H14O	020685-44-3	12
5	4,5-Dihydro-N-hydroxy-N-phenyl-3...	205	C11H11NO3	1000243-32-3	10

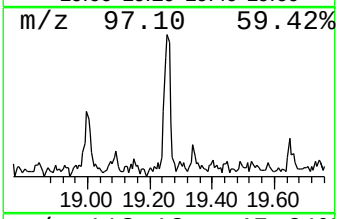


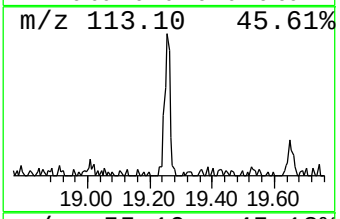


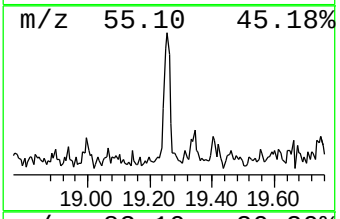


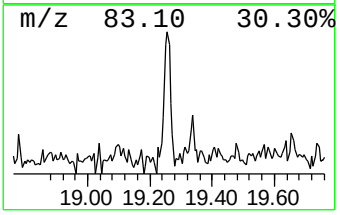












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047404.D
Acq On : 21 Nov 2020 21:10
Operator : CG/JU
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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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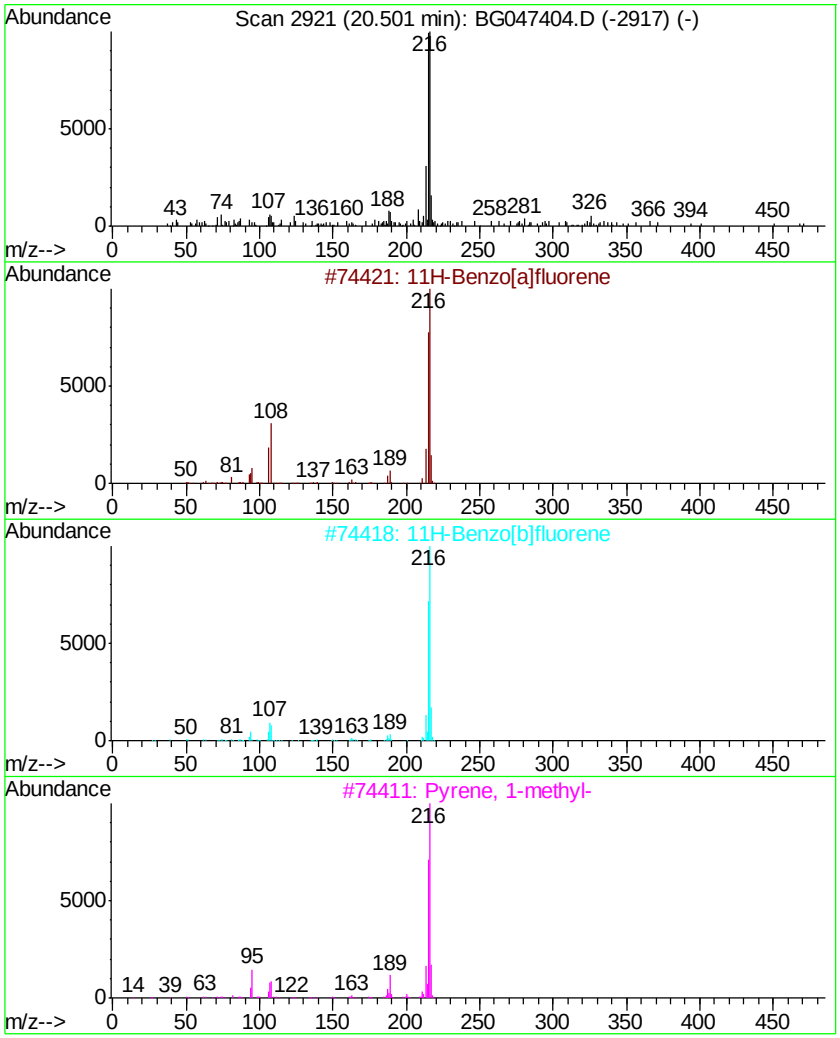
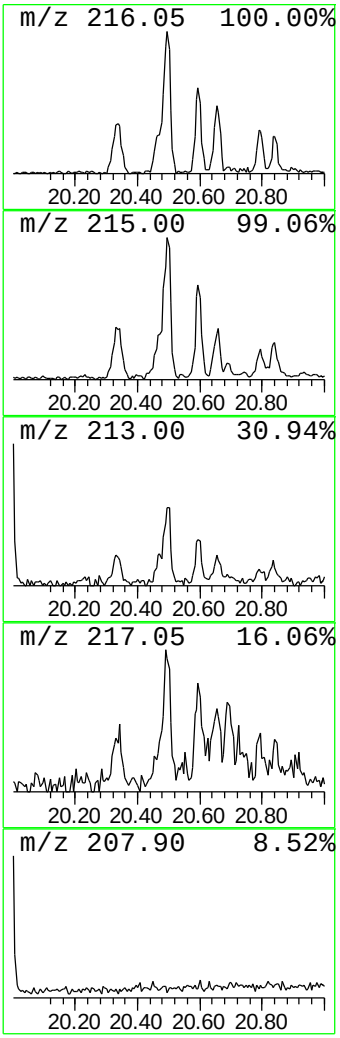
Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.39 ng/ul	124798	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047404.D
Acq On : 21 Nov 2020 21:10
Operator : CG/JU
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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

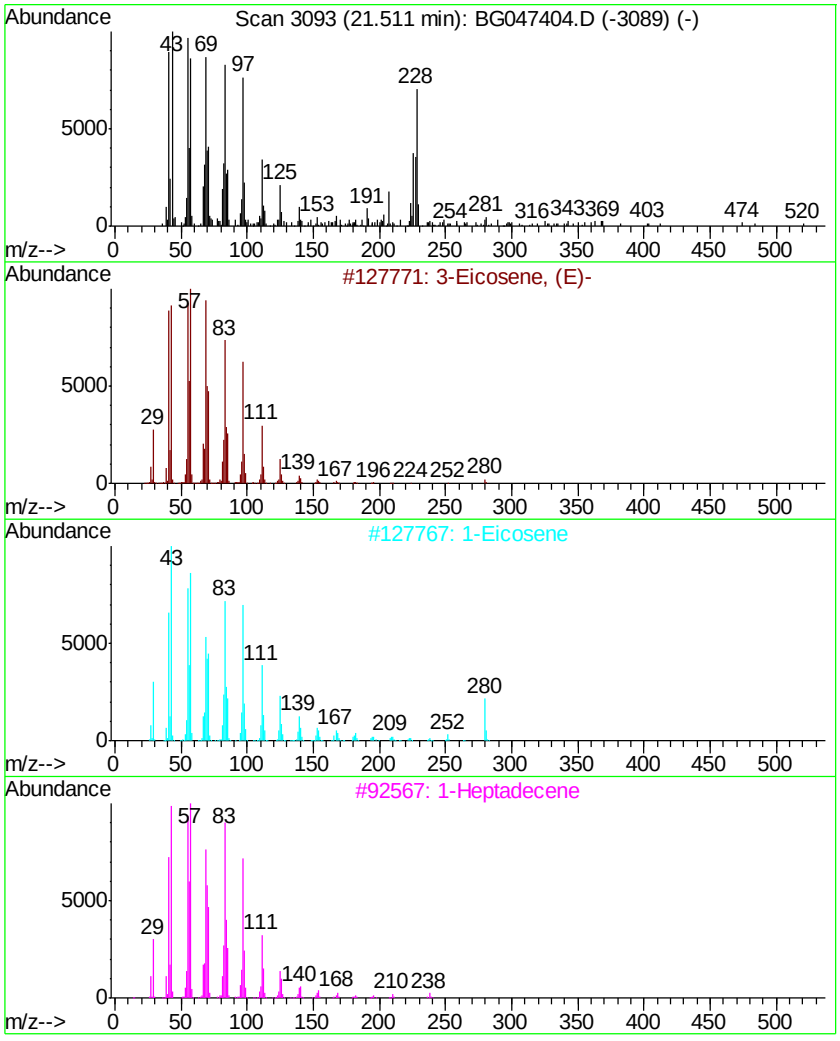
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

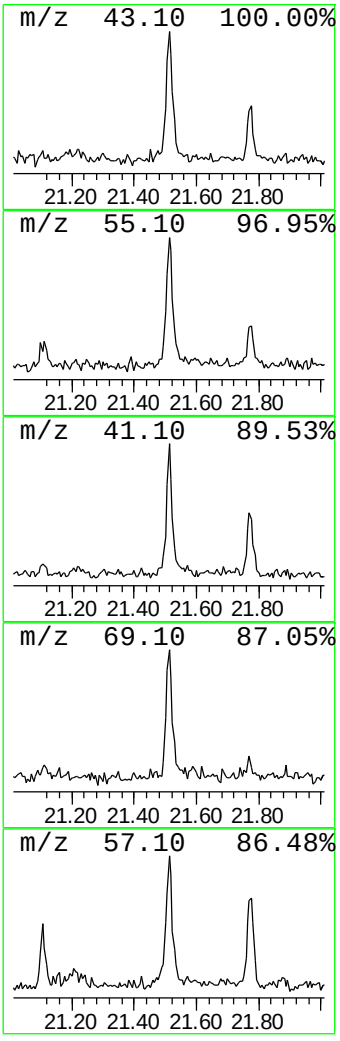
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	4.57 ng/ul	238792	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	1-Eicosene	280	C20H40	003452-07-1	96
3	1-Heptadecene	238	C17H34	006765-39-5	93
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
5	1-Heneicosanol	312	C21H44O	015594-90-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112120\
Data File : BG047404.D
Acq On : 21 Nov 2020 21:10
Operator : CG/JU
Sample : L4711-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B07

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
n-Hexadecanoic acid	18.49	5.8	ng/ul	205169	4	17.62	706388	20.0
4H-Cyclopenta[def...	18.68	2.1	ng/ul	74527	4	17.62	706388	20.0
Benzo[c]cinnoline	19.01	2.1	ng/ul	73675	4	17.62	706388	20.0
unknown-01	19.26	2.1	ng/ul	75920	4	17.62	706388	20.0
11H-Benzo[a]fluorene	20.50	2.4	ng/ul	124798	5	21.91	1045180	20.0
(DEL) Alkane: Str...	21.51	4.6	ng/ul	238792	5	21.91	1045180	20.0