LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

Signal : TIC: BG050047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.760	121	123	132	rBV3	9964	20504	2.46%	0.218%
2	3.848	135	138	144	rVB5	5363	8368	1.01%	0.089%
3	3.977	155	160	164	rBV3	4273	6920	0.83%	0.074%
4	4.077	174	177	181	rVV3	3008	4394	0.53%	0.047%
5	5.563	424	430	434	rBV4	3575	6474	0.78%	0.069%
6	5.939	490	494	499	rBV4	6363	10169	1.22%	0.108%
7	7.132	691	697	710	rVB2	61393	120454	14.48%	1.280%
8	7.279	716	722	730	rBV	38507	67362	8.10%	0.716%
9	7.490	751	758	766	rBV	62914	112773	13.55%	1.198%
10	7.567	768	771	774	rVV4	3692	5100	0.61%	0.054%
11	7.596	774	776	782	rVB4	4278	5756	0.69%	0.061%
12	7.960	832	838	844	rVV	118253	200396	24.09%	2.129%
13	8.178	871	875	880	rVV3	3649	5534	0.67%	0.059%
14	8.507	925	931	932	rVV3	3333	3676	0.44%	0.039%
15	8.683	953	961	971	rBV2	76544	135043	16.23%	1.435%
16	9.135	1030	1038	1044	rVV	63549	119258	14.33%	1.267%
17	9.188	1044	1047	1053	rVB3	4670	6891	0.83%	0.073%
18	9.858	1154	1161	1169	rVB2	62521	111499	13.40%	1.185%
19	10.416	1249	1256	1267	rVB	84896	163299	19.63%	1.735%
20	10.551	1274	1279	1282	rBV4	4188	6965	0.84%	0.074%
21	10.780	1307	1318	1324	rVV	168224	303196	36.44%	3.221%
22	10.833	1324	1327	1333	rVB2	18155	27582	3.32%	0.293%
23	10.921	1333	1342	1353	rBV2	50728	96759	11.63%	1.028%
24	11.790	1485	1490	1495	rBV5	4225	7123	0.86%	0.076%
25	12.190	1554	1558	1563	rVB3	6546	8769	1.05%	0.093%
26	12.366	1586	1588	1595	rBV3	2069	3888	0.47%	0.041%
27	12.448	1595	1602	1608	rVV3	19505	31522	3.79%	0.335%
28	12.666	1633	1639	1644	rVB2	13844	23892	2.87%	0.254%
29	13.136	1717	1719	1723	rVB2	3599	4155	0.50%	0.044%
30	13.435	1765	1770	1776	rVV5	11385	21594	2.60%	0.229%
31	13.506	1776	1782	1788	rVB3	15288	28525	3.43%	0.303%
32	13.647	1802	1806	1810	rVV2	3058	4856	0.58%	0.052%
33	13.794	1825	1831	1837	rVB3	4908	11665	1.40%	0.124%
34	13.940	1850	1856	1861	rVV2	11840	20089	2.41%	0.213%
35	14.017	1861	1869	1875	rBV	168489	272848	32.79%	2.899%
36	14.064	1875	1877	1885	rVB3	9346	20719	2.49%	0.220%

LSC Area Percent Report

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Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

37	14.175	1893	1896	1899	rBV4	5181	6975	0.84%	0.074%
38	14.316	1914	1920	1935	rBV2	196434	378322	45.47%	4.020%
39	14.504	1948	1952	1957	rVB3	10478	15715	1.89%	0.167%
40	14.622	1961	1972	1978	rBV2	269836	427705	51.41%	4.544%
41	14.686	1978	1983	1989	rVB4	10485	16963	2.04%	0.180%
42	14.857	2002	2012	2022	rBV3	53207	111151	13.36%	1.181%
43	15.021	2031	2040	2046	rVV2	19157	38743	4.66%	0.412%
44	15.092	2051	2052	2057	rVV4	3459	4723	0.57%	0.050%
45	15.239	2072	2077	2080	rBV4	6452	8095	0.97%	0.086%
46	15.356	2095	2097	2100	rBV4	2545	3708	0.45%	0.039%
47	15.409	2102	2106	2109	rVV4	3831	6373	0.77%	0.068%
48	15.456	2110	2114	2120	rVB3	14539	20049	2.41%	0.213%
49	15.620	2135	2142	2147	rBV	238645	379832	45.65%	4.036%
50	15.673	2147	2151	2156	rVB3	23816	37284	4.48%	0.396%
51	15.756	2160	2165	2170	rBV	49373	72365	8.70%	0.769%
52	15.861	2176	2183	2186	rBV7	9340	21951	2.64%	0.233%
53	15.985	2195	2204	2213	rVV2	73222	117861	14.17%	1.252%
54	16.090	2218	2222	2223	rVV3	5331	7674	0.92%	0.082%
55	16.120	2223	2227	2234	rVV4	10212	21501	2.58%	0.228%
56	16.202	2240	2241	2246	rVB5	4134	4701	0.57%	0.050%
57	16.319	2257	2261	2263	rBV2	24744	34075	4.10%	0.362%
58	16.654	2311	2318	2320	rBV5	4425	7293	0.88%	0.077%
59	16.684	2320	2323	2325	rVV4	4896	5441	0.65%	0.058%
60	16.831	2344	2348	2350	rVB3	3837	5331	0.64%	0.057%
61	16.907	2355	2361	2362	rBV4	8071	11264	1.35%	0.120%
62	17.030	2378	2382	2390	rVB3	11269	18669	2.24%	0.198%
63	17.113	2390	2396	2401	rVV5	23977	38251	4.60%	0.406%
64	17.160	2401	2404	2407	rVV5	7099	10824	1.30%	0.115%
65	17.195	2407	2410	2417	rVB2	12686	22126	2.66%	0.235%
66	17.377	2435	2441	2445	rBV	316706	484821	58.27%	5.151%
67	17.418	2445	2448	2453	rVB	178180	236675	28.45%	2.515%
68	17.477	2453	2458	2462	rBV	263997	396304	47.63%	4.211%
69	17.571	2469	2474	2480	rVB5	13061	24022	2.89%	0.255%
70	17.659	2483	2489	2491	rBV5	5249	8909	1.07%	0.095%
71	17.782	2502	2510	2515	rBV2	27215	52667	6.33%	0.560%
72	17.853	2519	2522	2526	rVV2	20139	24450	2.94%	0.260%
73	17.894	2526	2529	2533	rVV5	6217	8932	1.07%	0.095%
74	17.964	2535	2541	2543	rBV7	7289	15335	1.84%	0.163%
75	18.029	2549	2552	2557	rVB6	7484	9675	1.16%	0.103%
76	18.182	2576	2578	2581	rBV3	3723	4307	0.52%	0.046%

LSC Area Percent Report

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Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

77	18.229	2581	2586	2587	rBV4	4624	6054	0.73%	0.064%
78	18.252	2587	2590	2595	rBV2	22424	32064	3.85%	0.341%
79	18.305	2595	2599	2605	rVB	39096	54485	6.55%	0.579%
80	18.381	2609	2612	2617	rBV4	10158	16060	1.93%	0.171%
81	18.452	2618	2624	2628	rBV3	51992	91697	11.02%	0.974%
82	18.546	2636	2640	2645	rBV2	24951	34911	4.20%	0.371%
83	18.752	2671	2675	2680	rBV	21724	32346	3.89%	0.344%
84	18.804	2680	2684	2688	rBV5	13921	19752	2.37%	0.210%
85	18.998	2715	2717	2718	rBV2	7908	4922	0.59%	0.052%
86	19.174	2743	2747	2754	rVB5	30887	42411	5.10%	0.451%
87	19.315	2767	2771	2778	rVB	29582	49640	5.97%	0.527%
88	19.433	2785	2791	2798	rVB	413776	596520	71.70%	6.338%
89	19.533	2804	2808	2812	rBV3	12744	15370	1.85%	0.163%
90	19.586	2813	2817	2820	rBV2	24584	35615	4.28%	0.378%
91	19.768	2842	2848	2851	rBV2	355864	618366	74.32%	6.570%
92	19.797	2851	2853	2861	rVV	383542	453581	54.52%	4.819%
93	19.868	2861	2865	2872	rVB3	21831	39954	4.80%	0.425%
94	19.973	2879	2883	2889	rVB	29423	47012	5.65%	0.499%
95	20.285	2933	2936	2942	rVB2	72328	105342	12.66%	1.119%
96	20.385	2950	2953	2957	rVB2	44829	49905	6.00%	0.530%
97	21.648	3161	3168	3173	rBV2	342209	832010	100.00%	8.840%
98	21.695	3174	3176	3189	rVB	173111	270720	32.54%	2.876%
99	23.856	3537	3544	3550	rBV2	159128	467004	56.13%	4.962%
100	24.878	3712	3718	3727	rVB2	144716	367086	44.12%	3.900%

Sum of corrected areas: 9411906

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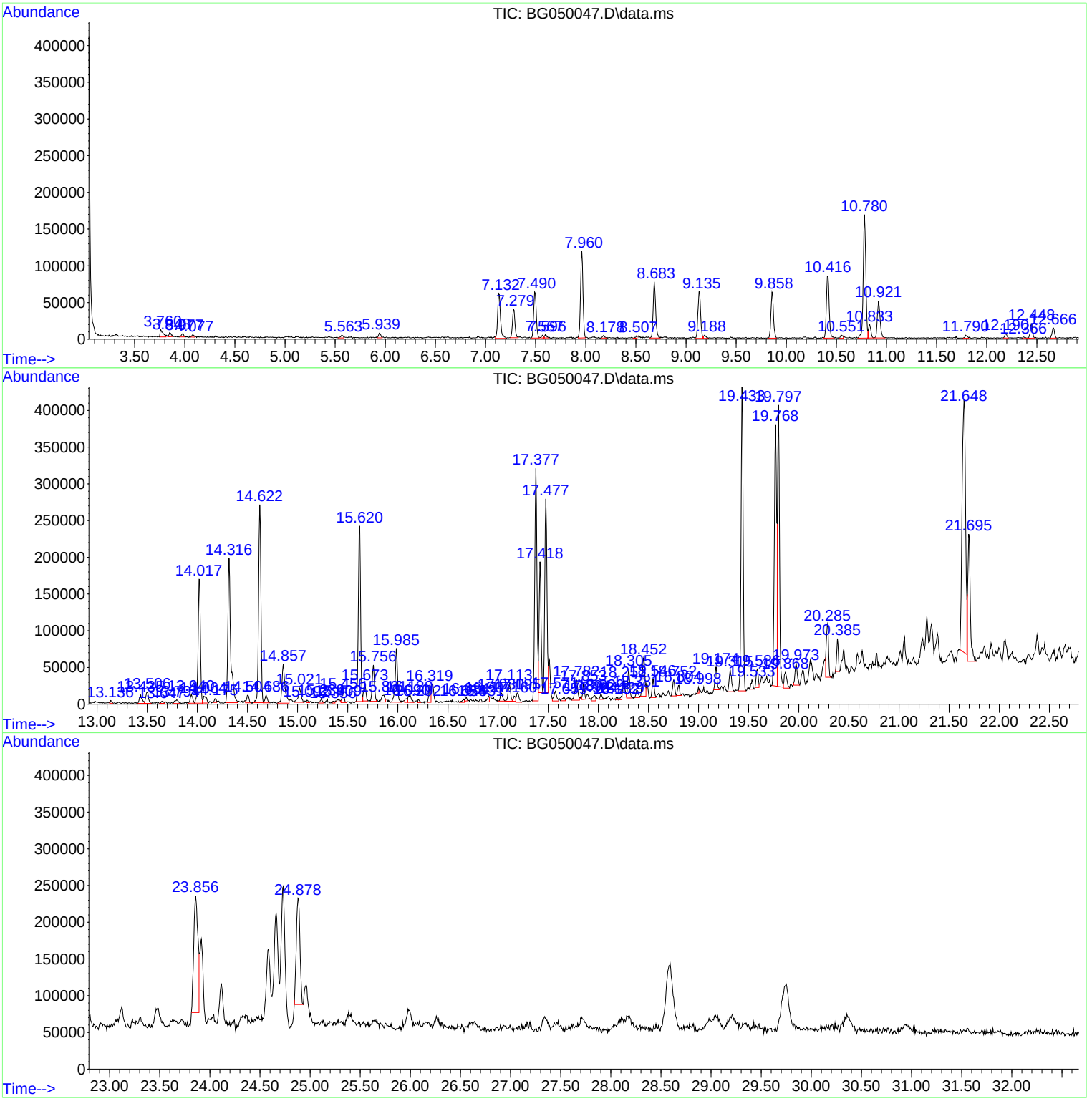
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

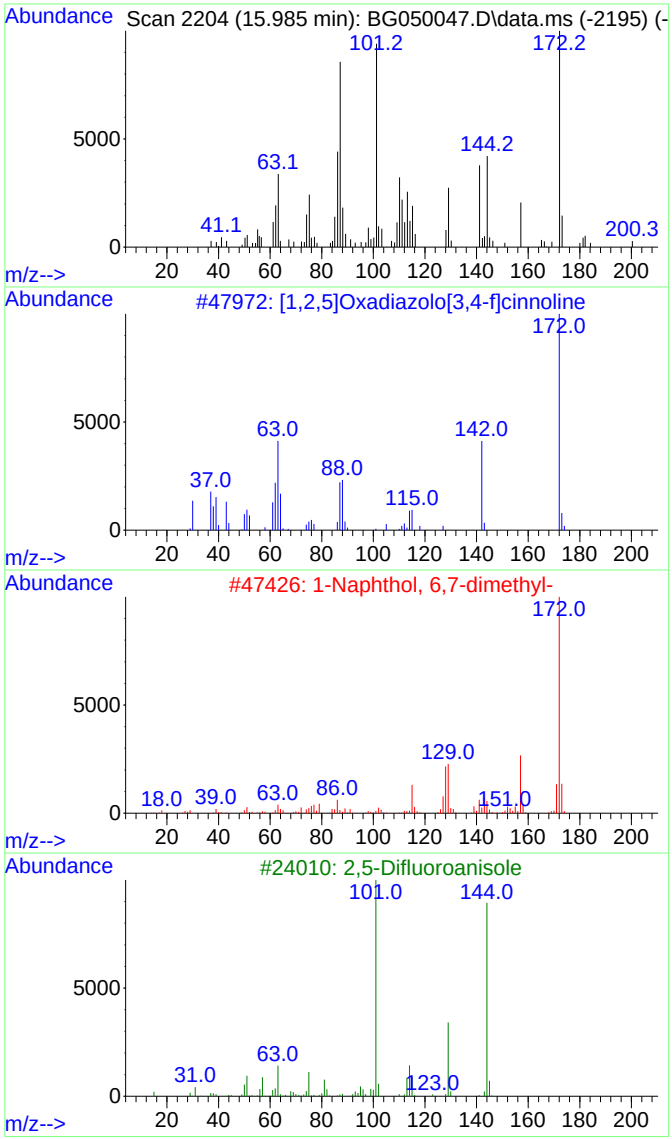
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

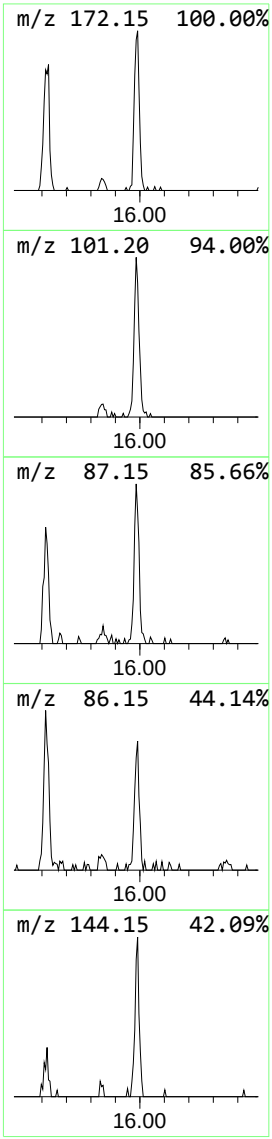
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.985	5.51 ng/ul	117861	Acenaphthene-d10	14.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,5]Oxadiazolo[3,4-f]cinnoline	172	C8H4N4O	217491-04-8	25
2	1-Naphthol, 6,7-dimethyl-	172	C12H12O	031776-14-4	22
3	2,5-Difluoroanisole	144	C7H6F2O	075626-17-4	14
4	3,4-Difluoroanisole	144	C7H6F2O	115144-40-6	11
5	7-Methylnaphthalen-2-ol, Me deri...	172	C12H12O	1000504-28-7	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

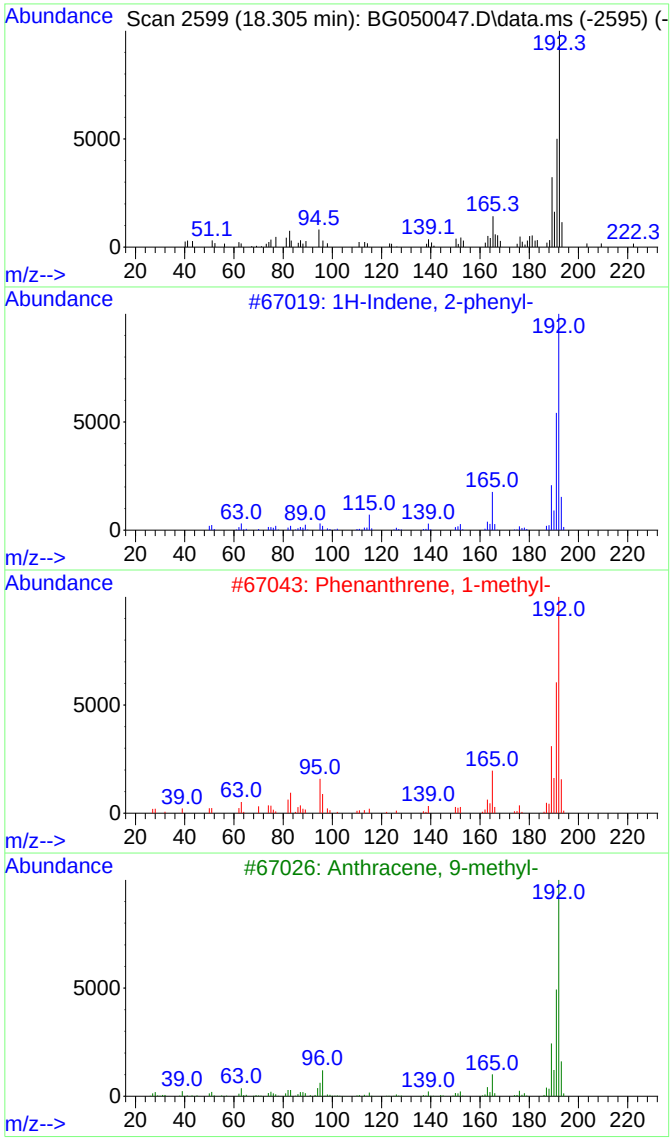
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

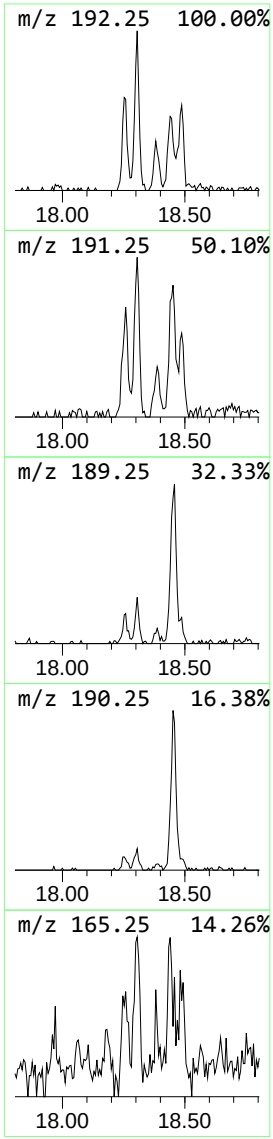
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.305	2.25 ng/ul	54485	Phenanthrene-d10	17.377

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
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Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

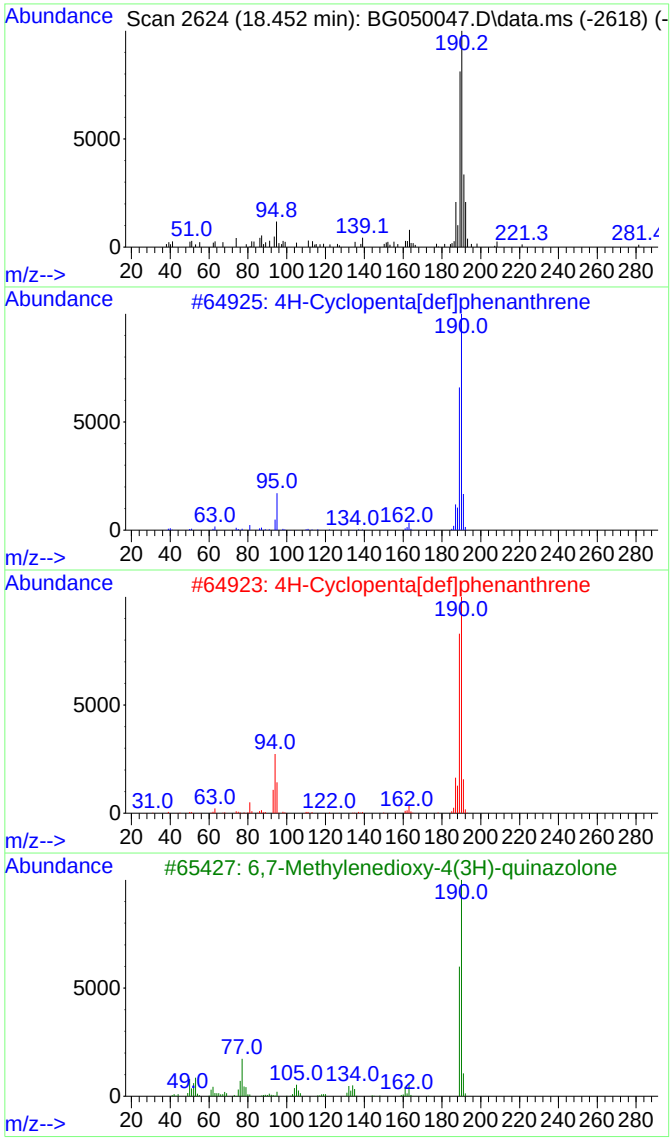
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

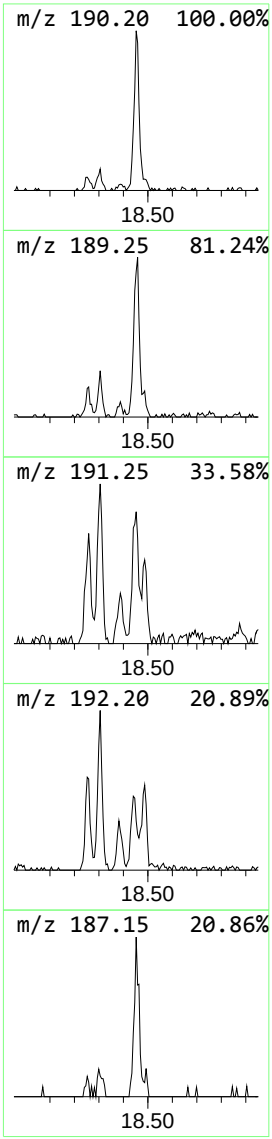
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.452	3.78 ng/ul	91697	Phenanthrene-d10	17.377

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	42





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

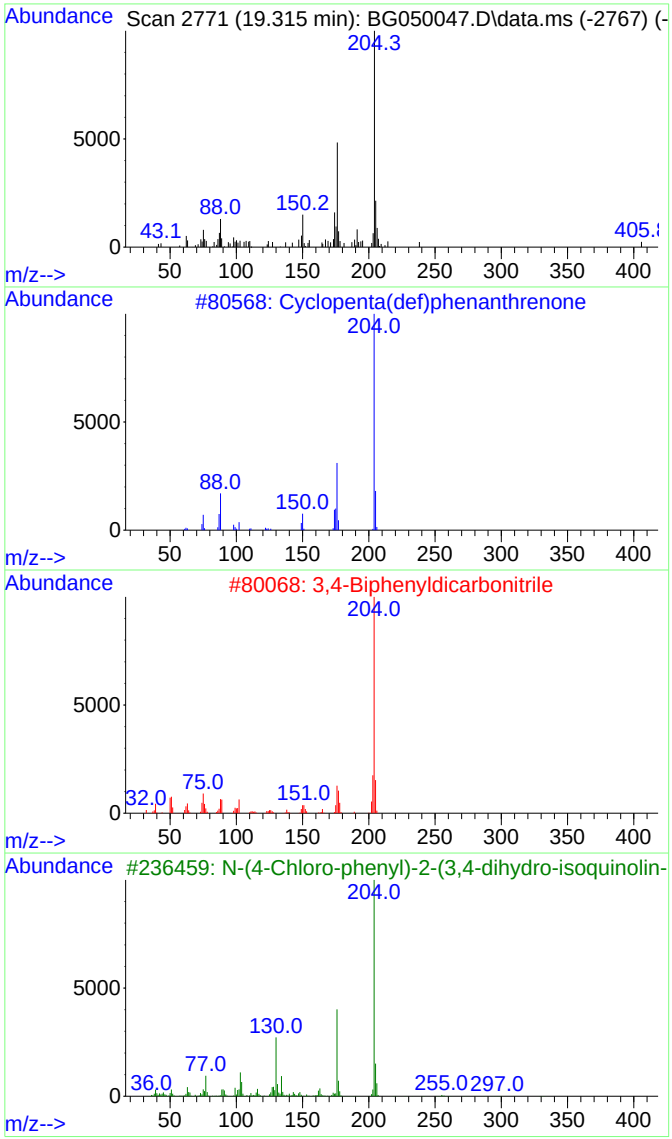
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

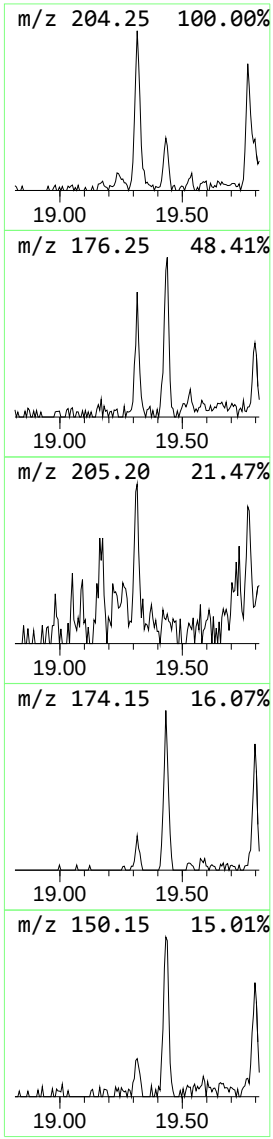
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.315	2.05 ng/ul	49640	Phenanthrene-d10	17.377

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

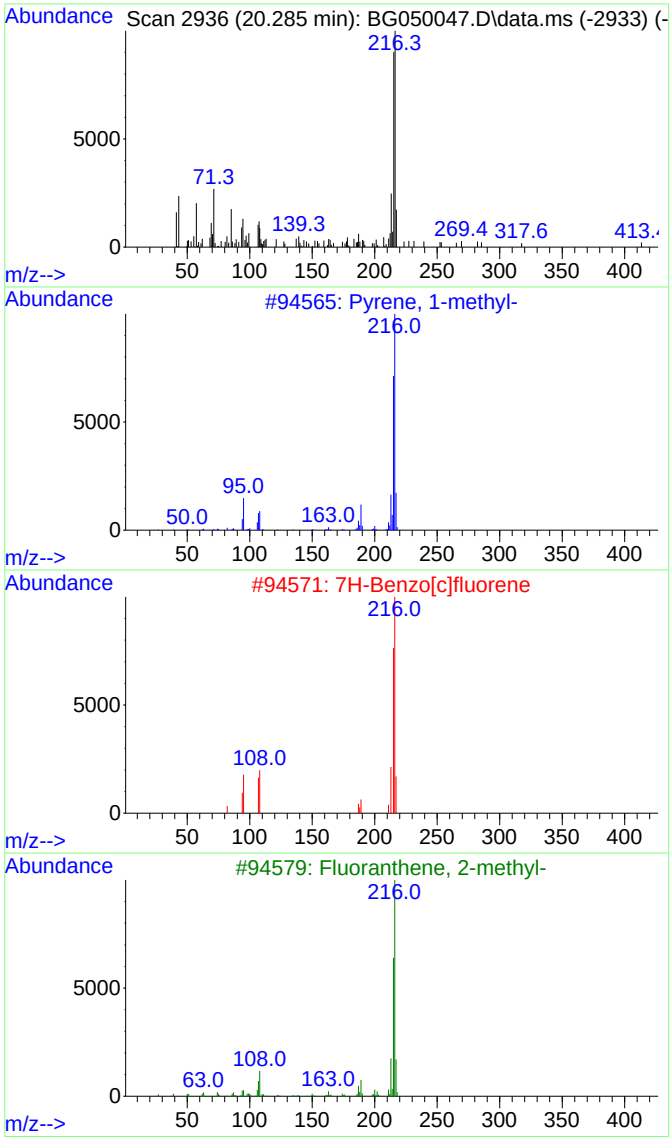
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

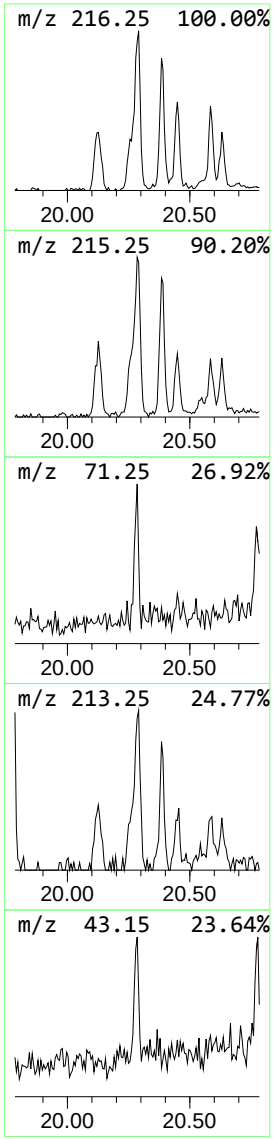
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.285	2.53 ng/ul	105342	Chrysene-d12	21.653

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	15.985	5.5	ng/ul	117861	3	14.622	427705	20.0
1H-Indene, 2-ph...	18.305	2.3	ng/ul	54485	4	17.377	484821	20.0
4H-Cyclopenta[d...	18.452	3.8	ng/ul	91697	4	17.377	484821	20.0
Cyclopenta(def)...	19.315	2.0	ng/ul	49640	4	17.377	484821	20.0
Pyrene, 1-methyl-	20.285	2.5	ng/ul	105342	5	21.653	832010	20.0