LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059766.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.838	410	417	426	rBV2	80721	145488	20.80%	2.100%
2	7.466	687	694	702	rBV2	93262	173696	24.83%	2.507%
3	8.347	836	844	850	rBV2	145916	256820	36.71%	3.706%
4	9.540	1038	1047	1054	rVB2	69235	133265	19.05%	1.923%
5	11.191	1319	1328	1338	rBV	208286	367307	52.51%	5.301%
6	12.078	1476	1479	1481	rBV	6278	7388	1.06%	0.107%
7	12.701	1582	1585	1590	rVB2	4594	7504	1.07%	0.108%
8	12.818	1601	1605	1606	rBV3	11139	14954	2.14%	0.216%
9	12.883	1612	1616	1621	rBV3	8234	13763	1.97%	0.199%
10	12.977	1629	1632	1635	rBV	7260	7389	1.06%	0.107%
11	13.030	1639	1641	1643	rBV	9573	9103	1.30%	0.131%
12	13.124	1654	1657	1660	rBV	8071	9712	1.39%	0.140%
13	13.277	1679	1683	1685	rVB	8089	9051	1.29%	0.131%
14	13.306	1685	1688	1691	rBV3	8048	9735	1.39%	0.140%
15	13.336	1691	1693	1696	rVB2	6932	8876	1.27%	0.128%
16	13.371	1696	1699	1702	rBV4	9715	13593	1.94%	0.196%
17	13.447	1710	1712	1715	rVB3	8721	7499	1.07%	0.108%
18	13.594	1731	1737	1744	rVB	284368	425378	60.81%	6.139%
19	13.717	1756	1758	1762	rBV5	11455	11000	1.57%	0.159%
20	13.800	1771	1772	1776	rVB3	11745	8885	1.27%	0.128%
21	13.905	1788	1790	1793	rVB2	10992	11200	1.60%	0.162%
22	14.023	1804	1810	1812	rBV7	7248	12660	1.81%	0.183%
23	14.129	1824	1828	1831	rBV4	11509	18302	2.62%	0.264%
24	14.205	1838	1841	1842	rBV2	10476	10226	1.46%	0.148%
25	14.281	1850	1854	1855	rBV4	16089	15389	2.20%	0.222%
26	14.346	1860	1865	1868	rBV5	12229	23294	3.33%	0.336%
27	14.605	1907	1909	1911	rVB2	11512	9413	1.35%	0.136%
28	14.669	1914	1920	1922	rVV5	8548	14647	2.09%	0.211%
29	14.769	1934	1937	1938	rBV3	6873	7843	1.12%	0.113%
30	14.781	1938	1939	1944	rVB5	12401	12031	1.72%	0.174%
31	14.975	1966	1972	1978	rVV2	395451	642780	91.88%	9.276%
32	15.039	1979	1983	1987	rVB4	27509	38596	5.52%	0.557%
33	15.157	1999	2003	2004	rBV3	8508	11825	1.69%	0.171%
34	15.351	2029	2036	2037	rBV7	20337	31835	4.55%	0.459%
35	15.433	2046	2050	2051	rBV3	11133	13143	1.88%	0.190%
36	15.486	2057	2059	2061	rBV3	7576	8073	1.15%	0.117%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.609	2078	2080	2086	rVB7	16277	21837	3.12%	0.315%
38	15.721	2097	2099	2102	rBV4	11798	14462	2.07%	0.209%
39	15.780	2104	2109	2112	rBV6	13859	20339	2.91%	0.294%
40	15.944	2134	2137	2138	rBV3	7739	7644	1.09%	0.110%
41	16.015	2145	2149	2153	rVB5	22997	31984	4.57%	0.462%
42	16.132	2166	2169	2174	rBV5	10159	19546	2.79%	0.282%
43	16.226	2183	2185	2187	rVB3	12749	7295	1.04%	0.105%
44	16.279	2192	2194	2197	rBV4	11024	13737	1.96%	0.198%
45	16.455	2219	2224	2229	rVV3	184012	294551	42.11%	4.251%
46	16.497	2229	2231	2235	rVB5	13148	15244	2.18%	0.220%
47	16.591	2245	2247	2251	rVB5	16185	12878	1.84%	0.186%
48	16.667	2258	2260	2263	rBV4	9894	12642	1.81%	0.182%
49	16.702	2265	2266	2268	rBV2	9859	8765	1.25%	0.126%
50	16.990	2313	2315	2317	rBV3	13890	12441	1.78%	0.180%
51	17.137	2338	2340	2341	rBV2	14009	8340	1.19%	0.120%
52	17.202	2349	2351	2352	rBV2	16142	11251	1.61%	0.162%
53	17.378	2379	2381	2383	rBV3	17381	16926	2.42%	0.244%
54	17.431	2388	2390	2391	rVV2	18341	9232	1.32%	0.133%
55	17.442	2391	2392	2396	rVB4	12162	9347	1.34%	0.135%
56	17.536	2406	2408	2415	rVB8	31417	50042	7.15%	0.722%
57	17.725	2434	2440	2444	rBV	437002	699551	100.00%	10.096%
58	17.766	2444	2447	2452	rVB	226596	321045	45.89%	4.633%
59	17.854	2460	2462	2468	rVB3	45802	54378	7.77%	0.785%
60	17.918	2470	2473	2479	rBV8	15997	31024	4.43%	0.448%
61	17.983	2483	2484	2488	rBV4	14630	12160	1.74%	0.175%
62	18.106	2501	2505	2507	rBV5	23674	35606	5.09%	0.514%
63	18.212	2521	2523	2525	rBV3	14726	17686	2.53%	0.255%
64	18.400	2553	2555	2557	rVB3	17203	9874	1.41%	0.142%
65	18.430	2558	2560	2563	rBV4	21191	25041	3.58%	0.361%
66	18.535	2575	2578	2582	rVB6	45384	59205	8.46%	0.854%
67	18.594	2584	2588	2591	rVV5	49630	88165	12.60%	1.272%
68	18.635	2592	2595	2602	rVB2	70816	116223	16.61%	1.677%
69	18.717	2607	2609	2611	rBV3	26207	23540	3.37%	0.340%
70	18.782	2617	2620	2625	rBV4	52276	109752	15.69%	1.584%
71	18.882	2636	2637	2640	rBV3	26571	19056	2.72%	0.275%
72	19.070	2666	2669	2670	rBV3	28479	36721	5.25%	0.530%
73	19.364	2717	2719	2721	rBV3	43610	39420	5.64%	0.569%
74	19.481	2736	2739	2743	rBV5	76057	106308	15.20%	1.534%
75	19.757	2781	2786	2790	rBV	363562	487450	69.68%	7.035%
76	20.004	2826	2828	2832	rBV5	62355	60798	8.69%	0.877%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG111623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.122	2844	2848	2853	rVB	295807	431549	61.69%	6.228%
78	20.298	2874	2878	2883	rBV	356890	465127	66.49%	6.713%
79	22.055	3171	3177	3182	rBV2	260632	559397	79.97%	8.073%

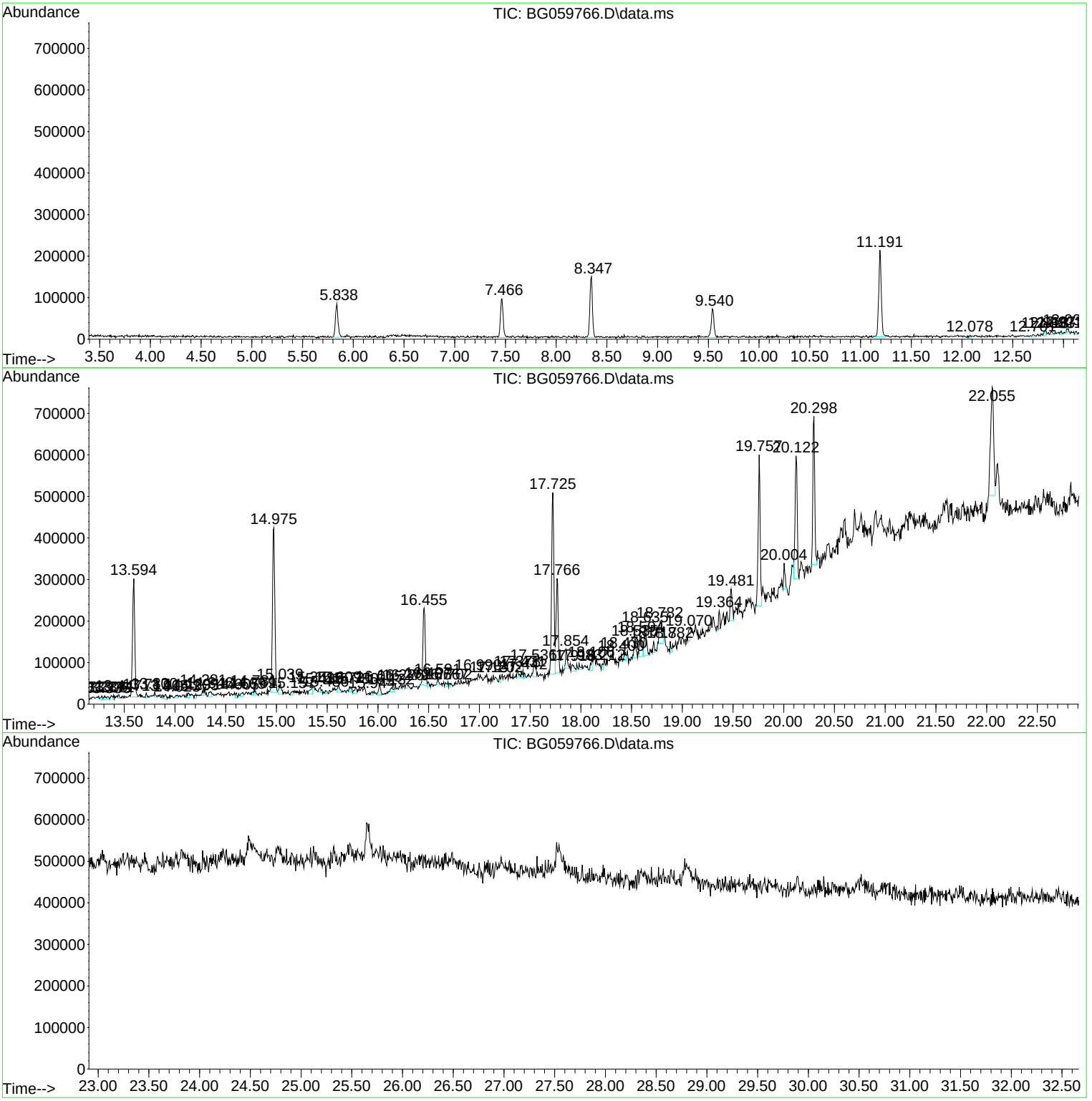
Sum of corrected areas: 6929242

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

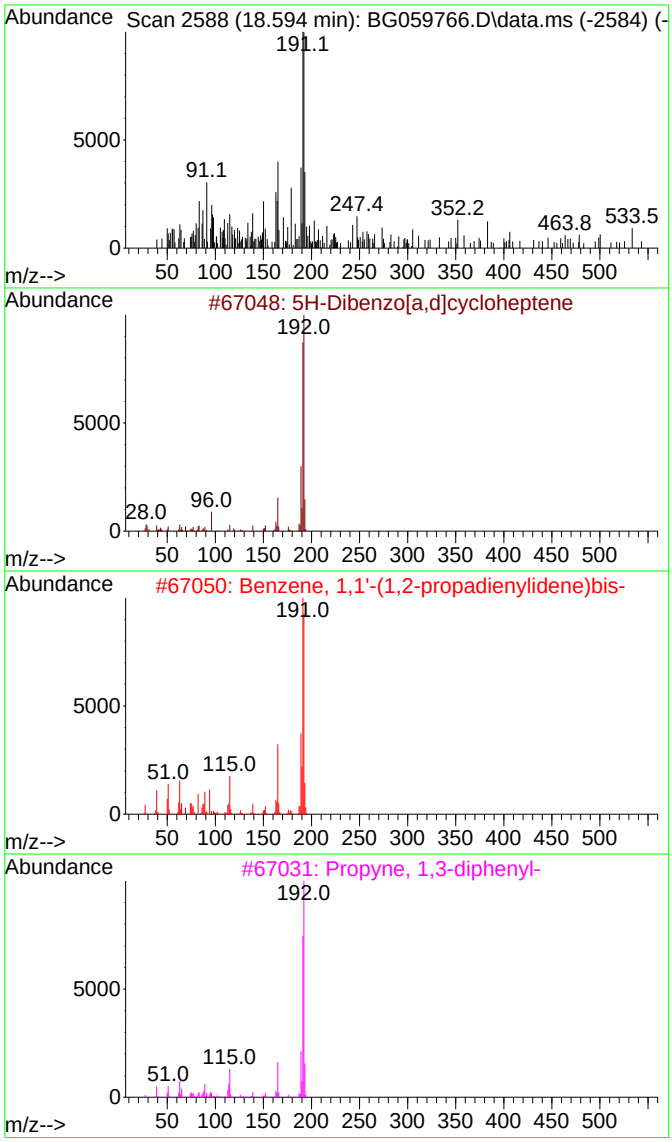
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

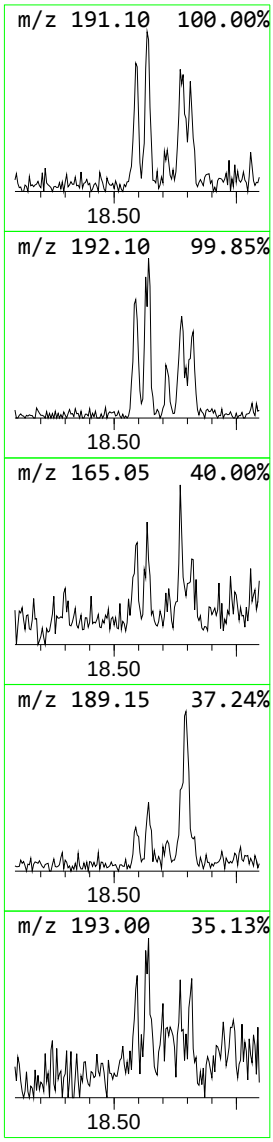
****

Peak Number 1 5H-Dibenzo[a,d]cycloheptene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.594	2.52 ng	88165	Phenanthrene-d10	17.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	80
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	72
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	72
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

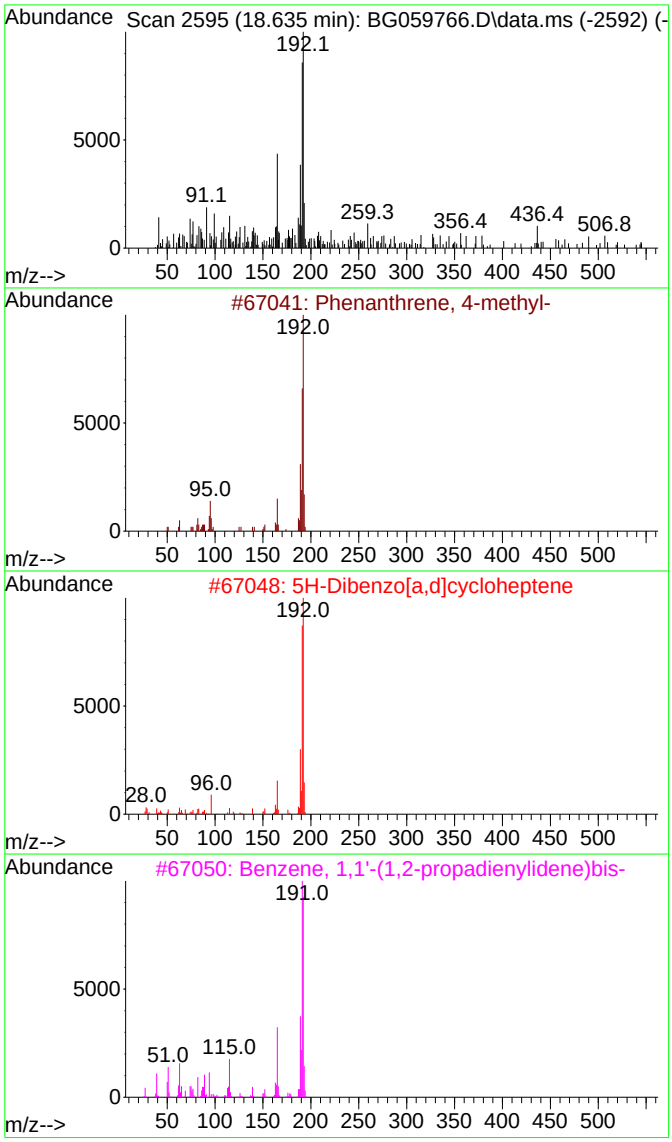
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

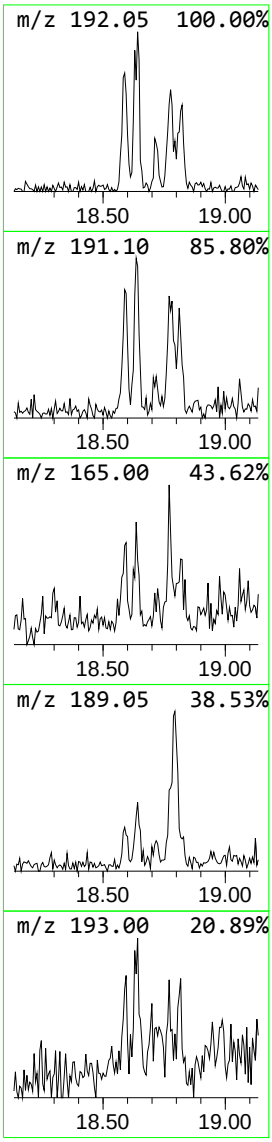
****

Peak Number 2 Phenanthrene, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.635	3.32 ng	116223	Phenanthrene-d10	17.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	76
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

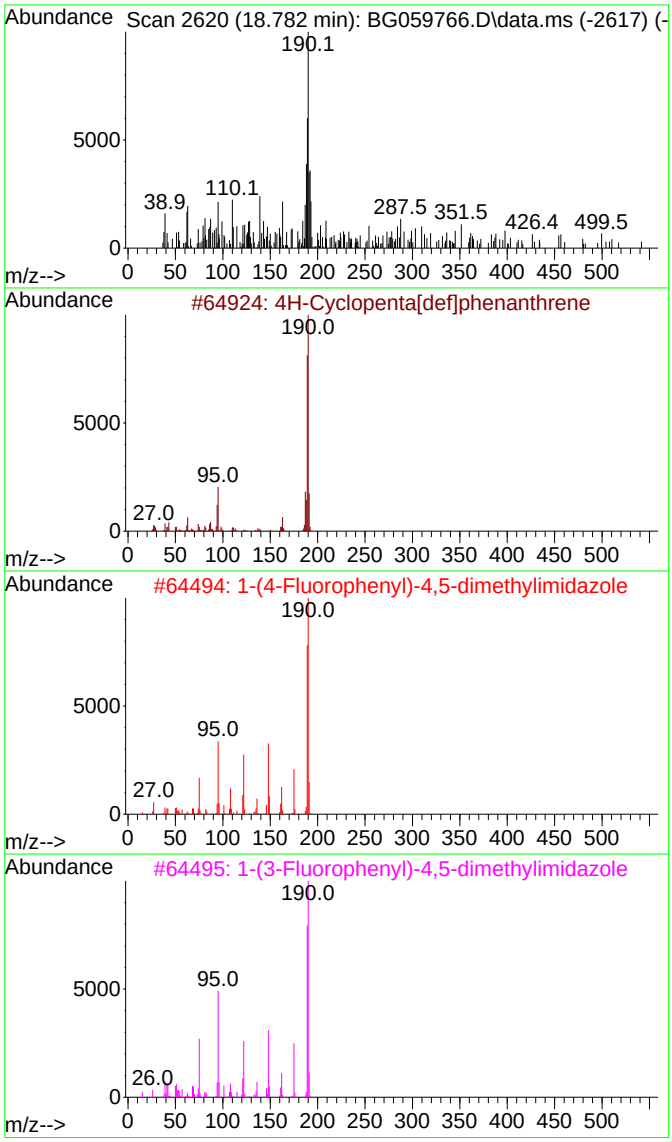
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

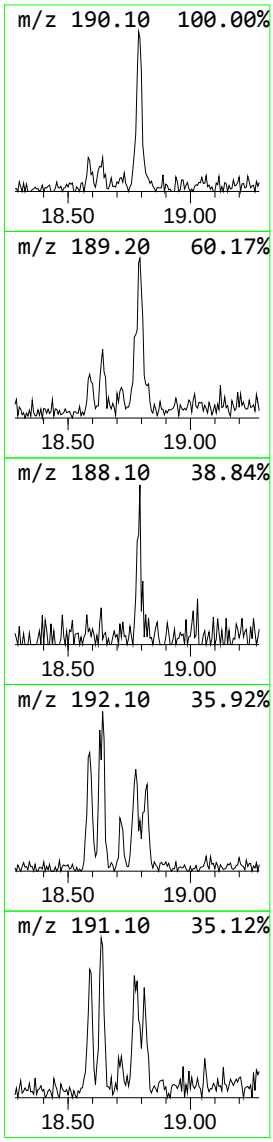
****

Peak Number 3 unknown18.782 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.782	3.14 ng	109752	Phenanthrene-d10	17.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
2	1-(4-Fluorophenyl)-4,5-dimethyli...	190	C11H11FN2	1000443-18-7	38
3	1-(3-Fluorophenyl)-4,5-dimethyli...	190	C11H11FN2	1000443-56-2	38
4	Naphtho[1,8-cd]-1,2-dithiole	190	C10H6S2	000209-22-3	38
5	Prostaglandin A2	334	C20H30O4	013345-50-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

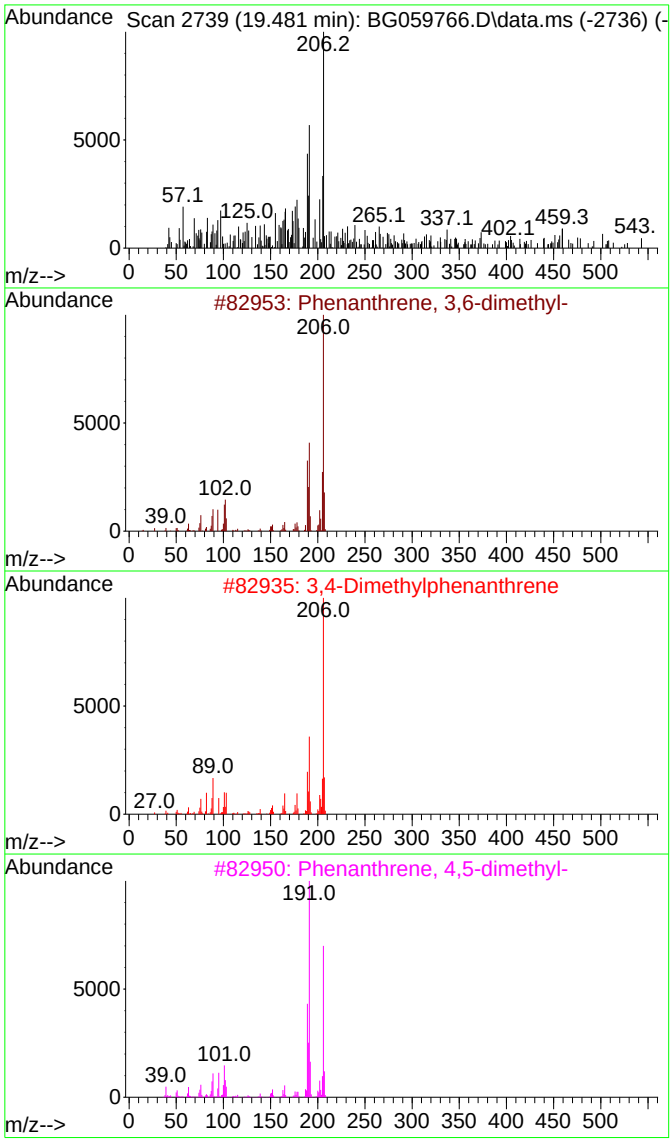
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

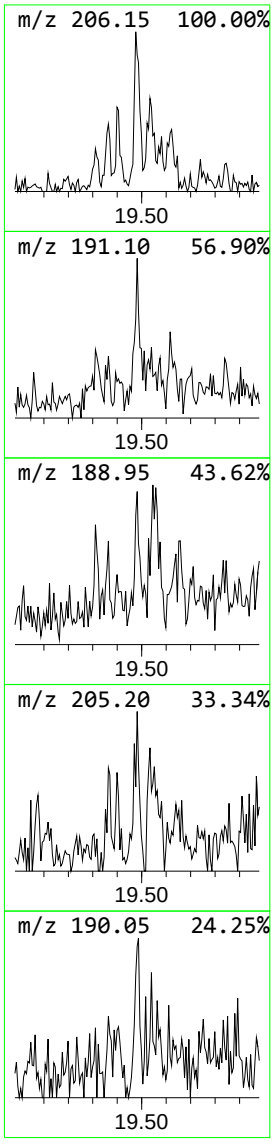
****

Peak Number 4 Phenanthrene, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.481	3.04 ng	106308	Phenanthrene-d10	17.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	64
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	53
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	52
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

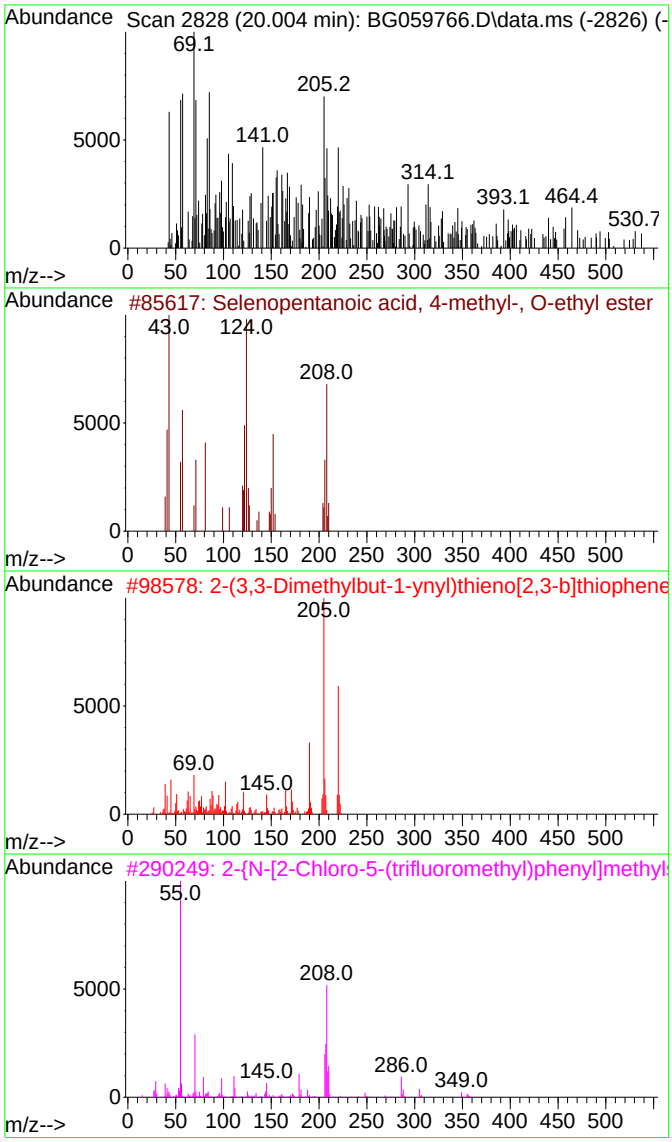
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

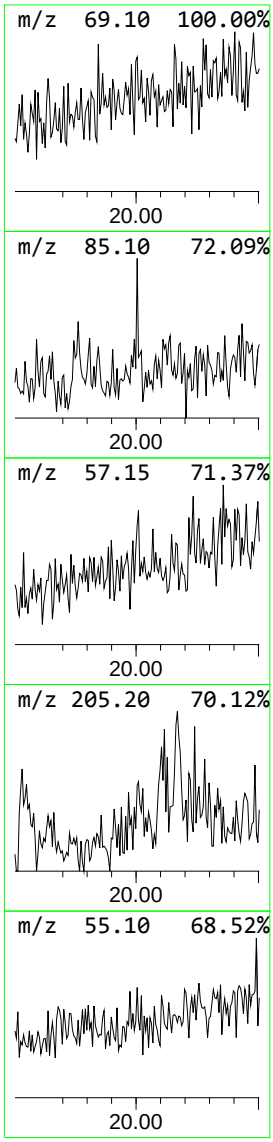
****

Peak Number 5 unknown20.004 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.004	2.17 ng	60798	Chrysene-d12	22.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Selenopentanoic acid, 4-methyl-,...	208	C8H16OSe	062448-97-9	25
2	2-(3,3-Dimethylbut-1-ynyl)thieno...	220	C12H12S2	1010250-48-5	18
3	2-{N-[2-Chloro-5-(trifluoromethy...	384	C14H16ClF3N2O3S	1000482-36-3	14
4	Xylazine	220	C12H16N2S	007361-61-7	11
5	2-Acetylphenanthrene	220	C16H12O	005960-69-0	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059766.D
Acq On : 18 Nov 2023 15:53
Operator : MA/JU
Sample : 05361-01 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-111023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
5H-Dibenzo[a,d]...	18.594	2.5	ng	88165	4	17.724	699551	20.0
Phenanthrene, 4...	18.635	3.3	ng	116223	4	17.724	699551	20.0
unknown18.782	18.782	3.1	ng	109752	4	17.724	699551	20.0
Phenanthrene, 3...	19.481	3.0	ng	106308	4	17.724	699551	20.0
unknown20.004	20.004	2.2	ng	60798	5	22.061	559397	20.0