LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053067.D
Acq On : 6 Apr 2022 22:59
Operator : CG/JU
Sample : N2278-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053067.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.697	386	393	401	rBV2	58912	102304	14.65%	1.544%
2	7.289	657	664	672	rBV	65589	117415	16.82%	1.772%
3	8.129	800	807	819	rVB	146405	252222	36.13%	3.807%
4	9.292	998	1005	1011	rVB	43586	76232	10.92%	1.151%
5	10.943	1274	1286	1292	rBV	195782	367309	52.61%	5.544%
6	10.990	1292	1294	1301	rVB	17887	25223	3.61%	0.381%
7	12.587	1560	1566	1572	rBV	19816	34430	4.93%	0.520%
8	12.805	1598	1603	1609	rBV	20712	33448	4.79%	0.505%
9	13.375	1694	1700	1706	rBV	120585	182780	26.18%	2.759%
10	13.580	1730	1735	1740	rVB5	5257	8943	1.28%	0.135%
11	13.927	1786	1794	1800	rBV5	9729	26095	3.74%	0.394%
12	14.074	1812	1819	1824	rBV3	17412	30997	4.44%	0.468%
13	14.126	1824	1828	1835	rVB4	10641	16373	2.35%	0.247%
14	14.309	1854	1859	1862	rBV4	8994	12241	1.75%	0.185%
15	14.473	1883	1887	1897	rVB2	23881	41918	6.00%	0.633%
16	14.749	1925	1934	1940	rBV	310909	499460	71.54%	7.539%
17	14.814	1940	1945	1953	rVB2	24545	42041	6.02%	0.635%
18	14.961	1964	1970	1976	rVB6	5030	11431	1.64%	0.173%
19	15.143	1995	2001	2006	rBV2	21155	36854	5.28%	0.556%
20	15.219	2010	2014	2019	rBV4	9016	15377	2.20%	0.232%
21	15.366	2033	2039	2043	rBV7	8937	17171	2.46%	0.259%
22	15.407	2045	2046	2050	rVB2	6179	7448	1.07%	0.112%
23	15.530	2060	2067	2071	rBV6	7055	17365	2.49%	0.262%
24	15.795	2106	2112	2119	rVB3	40719	73126	10.47%	1.104%
25	16.083	2159	2161	2168	rVB4	8945	13345	1.91%	0.201%
26	16.235	2181	2187	2194	rVB2	92389	149778	21.45%	2.261%
27	16.412	2214	2217	2220	rBV3	6906	10449	1.50%	0.158%
28	16.465	2224	2226	2230	rVB4	11639	16393	2.35%	0.247%
29	16.605	2245	2250	2256	rBV7	5691	12753	1.83%	0.193%
30	16.793	2275	2282	2286	rBV7	14956	28406	4.07%	0.429%
31	16.846	2287	2291	2295	rVB5	10729	15633	2.24%	0.236%
32	16.946	2303	2308	2312	rVB8	9469	16012	2.29%	0.242%
33	17.064	2326	2328	2334	rVB6	5820	7493	1.07%	0.113%
34	17.146	2337	2342	2346	rBV6	8924	14668	2.10%	0.221%
35	17.310	2363	2370	2377	rVB	22834	49495	7.09%	0.747%
36	17.493	2394	2401	2405	rBV	365630	571255	81.82%	8.623%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053067.D
Acq On : 6 Apr 2022 22:59
Operator : CG/JU
Sample : N2278-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.534	2405	2408	2415	rVV	236095	349937	50.12%	5.282%
38	17.628	2415	2424	2429	rVV	50837	86334	12.37%	1.303%
39	17.686	2429	2434	2439	rVV7	11726	23397	3.35%	0.353%
40	17.892	2466	2469	2474	rVB2	19360	28810	4.13%	0.435%
41	18.080	2497	2501	2507	rVB3	20680	33698	4.83%	0.509%
42	18.221	2521	2525	2532	rVB2	15828	32155	4.61%	0.485%
43	18.368	2546	2550	2554	rBV	61332	89155	12.77%	1.346%
44	18.415	2554	2558	2564	rVB	75828	122179	17.50%	1.844%
45	18.497	2568	2572	2577	rBV	21148	37011	5.30%	0.559%
46	18.562	2577	2583	2587	rVV3	67700	136121	19.50%	2.055%
47	18.597	2587	2589	2597	rVB2	39846	52322	7.49%	0.790%
48	18.662	2598	2600	2603	rVV4	10371	9857	1.41%	0.149%
49	18.861	2630	2634	2638	rBV2	26323	35451	5.08%	0.535%
50	18.902	2638	2641	2648	rVB8	15168	25771	3.69%	0.389%
51	19.161	2681	2685	2688	rBV	18822	24483	3.51%	0.370%
52	19.196	2688	2691	2695	rBV5	14333	19325	2.77%	0.292%
53	19.278	2701	2705	2710	rBV2	51680	81175	11.63%	1.225%
54	19.543	2744	2750	2755	rBV	277991	410029	58.73%	6.189%
55	19.866	2802	2805	2806	rBV	48492	51336	7.35%	0.775%
56	19.901	2807	2811	2819	rVB	267956	428095	61.32%	6.462%
57	20.095	2839	2844	2848	rVB	158873	208595	29.88%	3.149%
58	20.389	2892	2894	2899	rVB	74571	96716	13.85%	1.460%
59	21.775	3123	3130	3135	rBV2	314384	698149	100.00%	10.538%
60	21.822	3136	3138	3147	rVB	104816	165906	23.76%	2.504%
61	25.100	3689	3696	3704	rVB3	156423	424881	60.86%	6.414%

Sum of corrected areas: 6624771

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
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Operator : CG/JU
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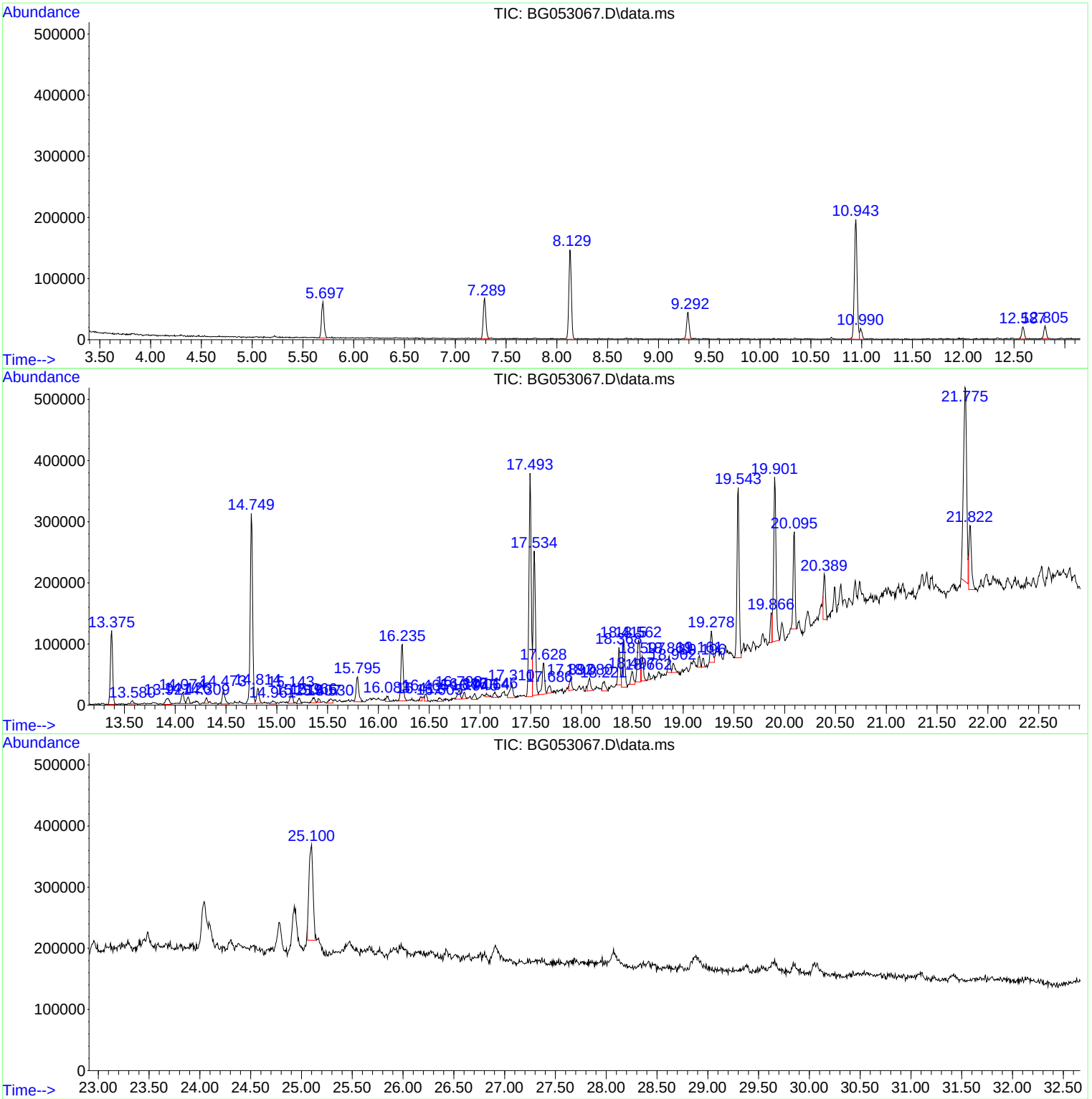
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG040622\
Data File : BG053067.D
Acq On : 6 Apr 2022 22:59
Operator : CG/JU
Sample : N2278-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

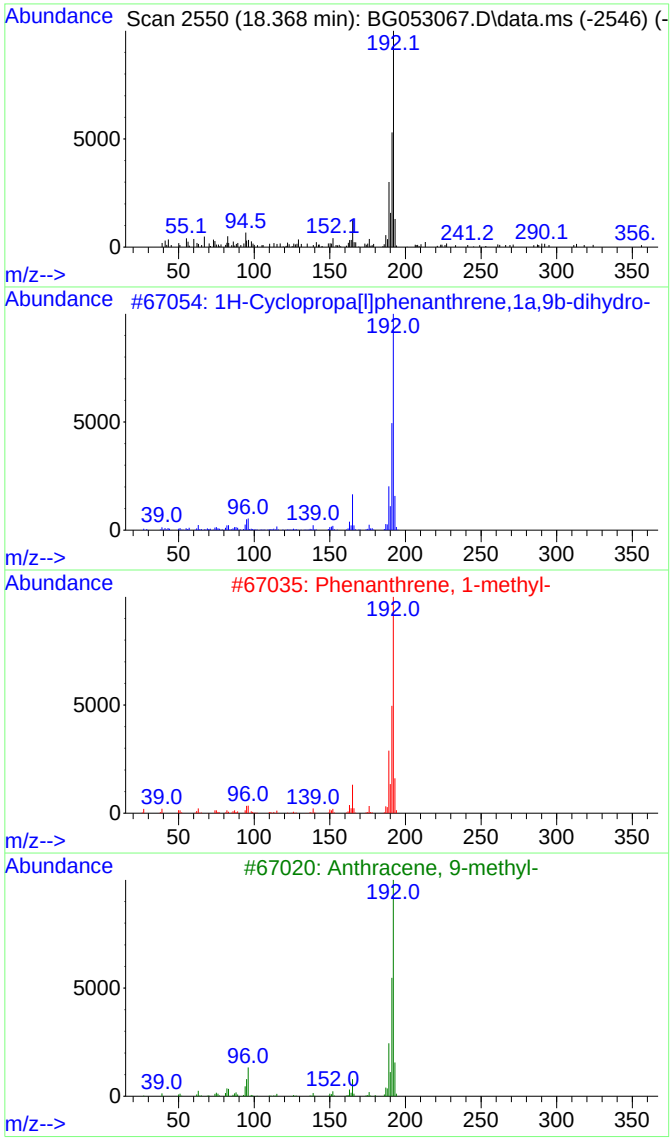
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

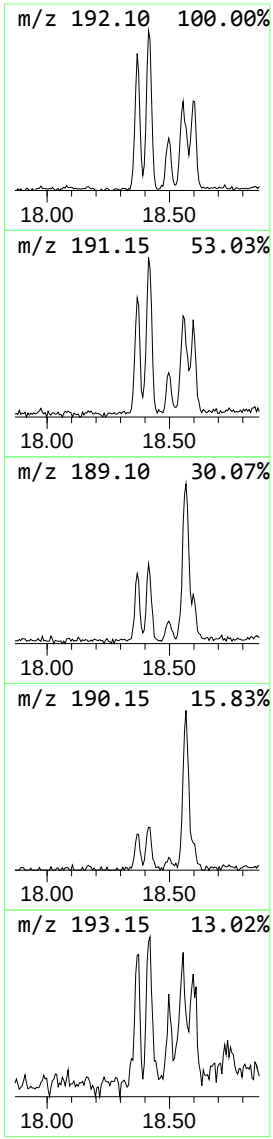
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	3.12 ng	89155	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053067.D
Acq On : 6 Apr 2022 22:59
Operator : CG/JU
Sample : N2278-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

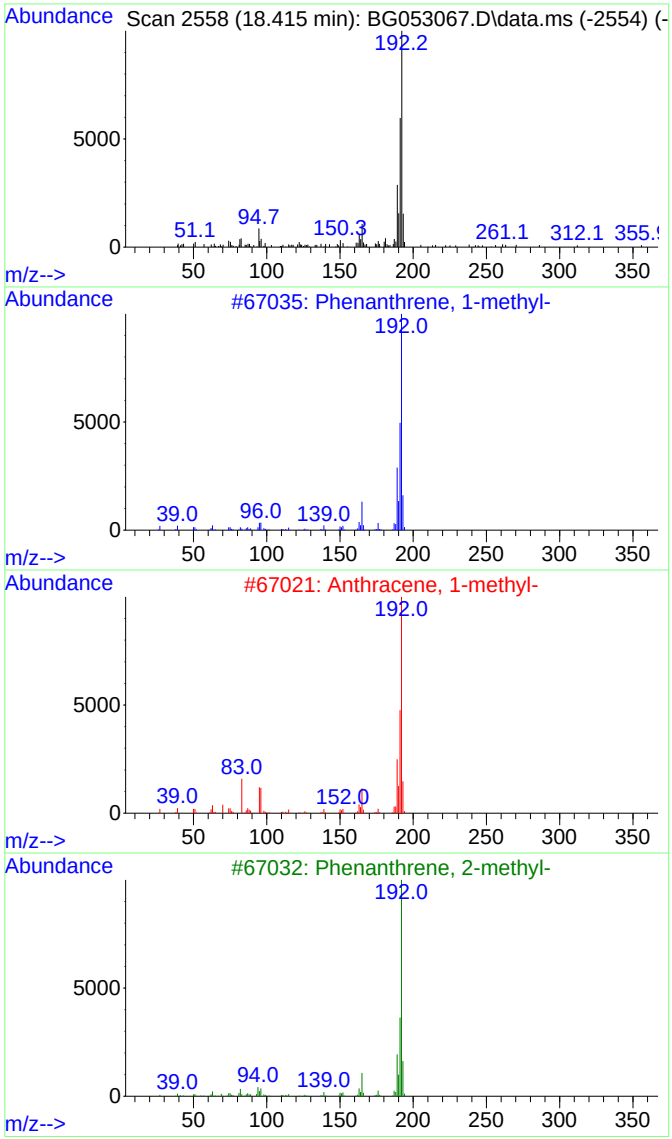
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

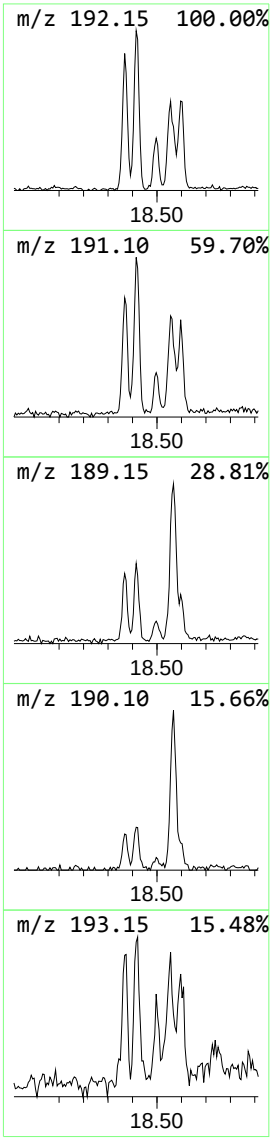
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.415	4.28 ng	122179	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053067.D
Acq On : 6 Apr 2022 22:59
Operator : CG/JU
Sample : N2278-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

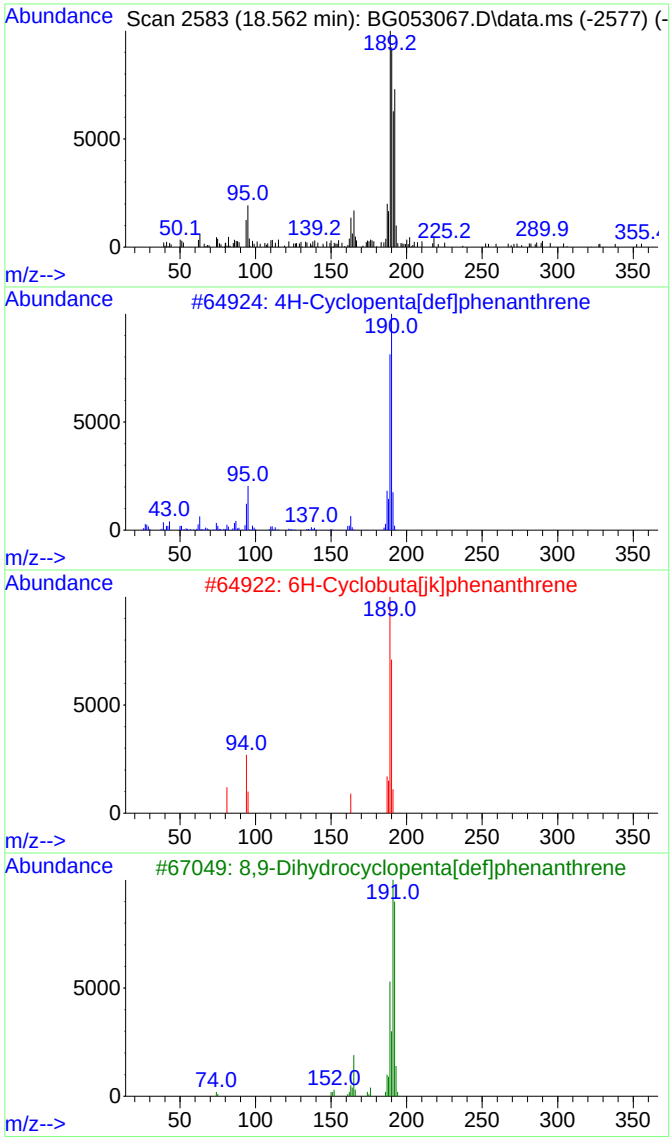
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

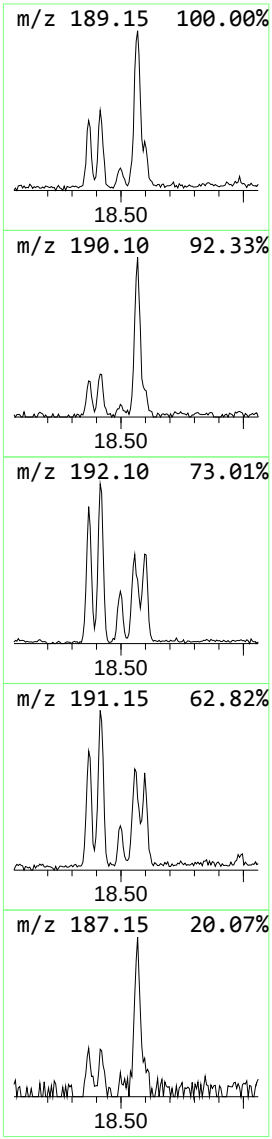
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.562	4.77 ng	136121	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
4	5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	35
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053067.D
Acq On : 6 Apr 2022 22:59
Operator : CG/JU
Sample : N2278-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

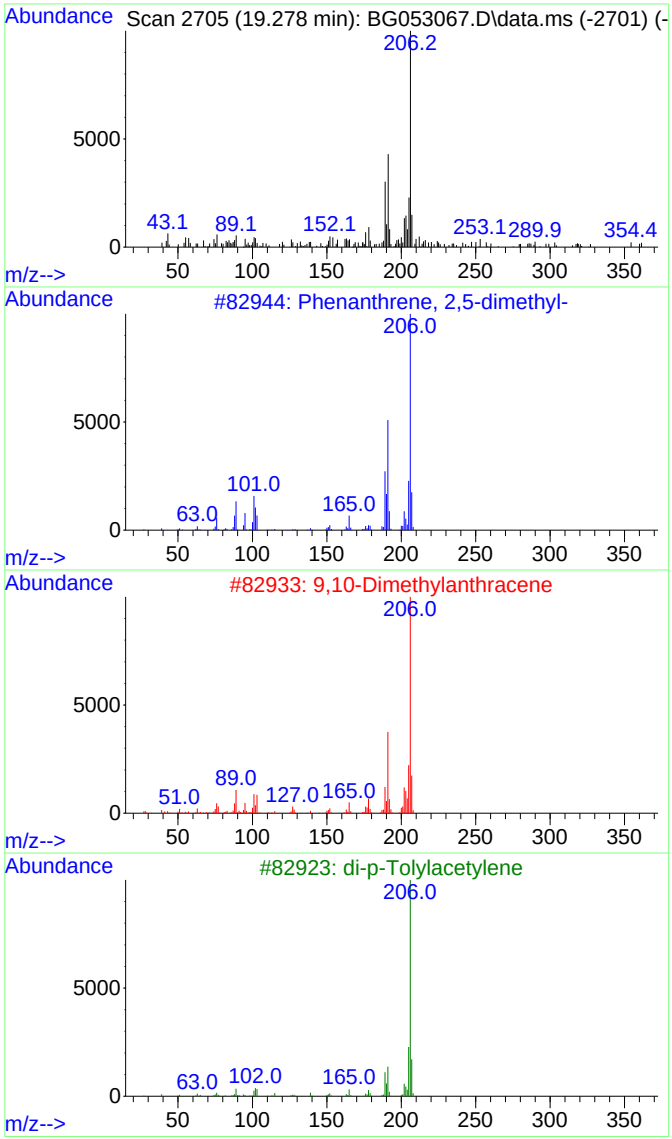
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

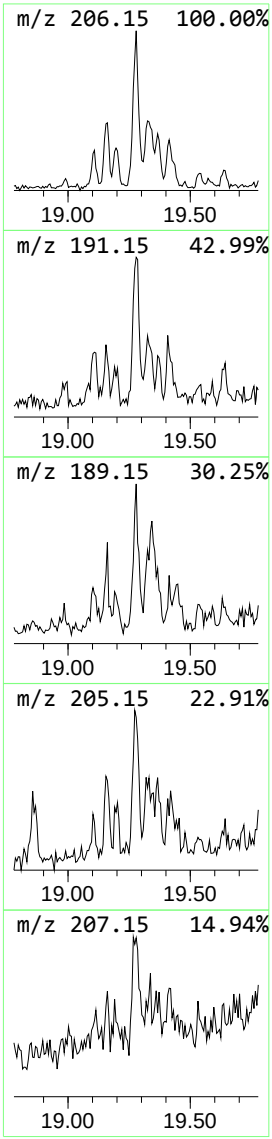
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.278	2.84 ng	81175	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	76





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Data File : BG053067.D
Acq On : 6 Apr 2022 22:59
Operator : CG/JU
Sample : N2278-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

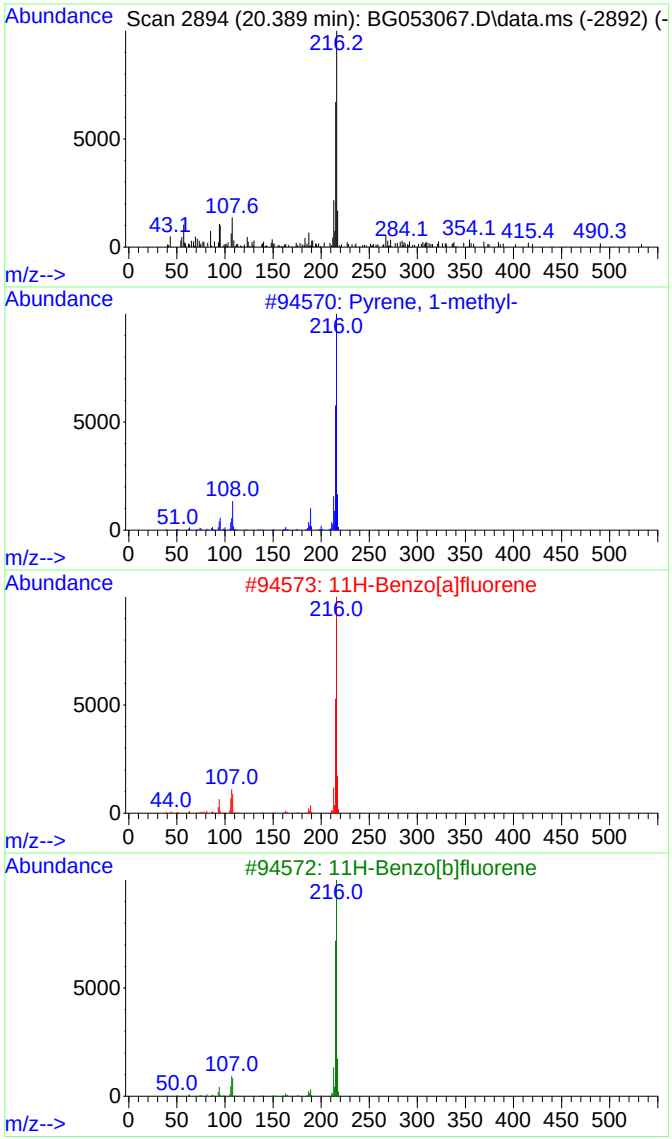
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

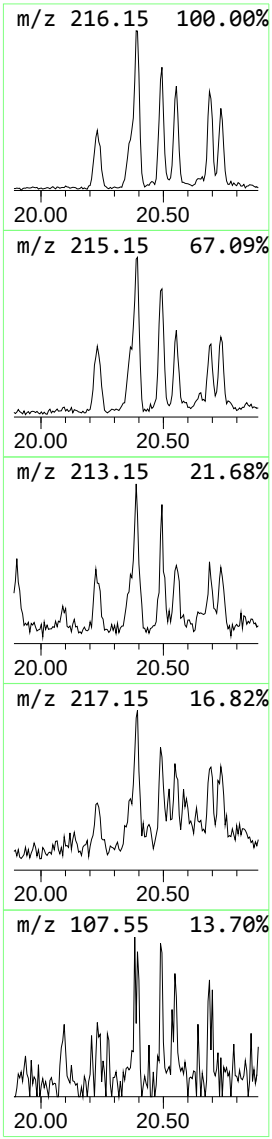
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.389	2.77 ng	96716	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	1000124-14-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053067.D
Acq On : 6 Apr 2022 22:59
Operator : CG/JU
Sample : N2278-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-040522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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
1H-Cyclopropa[l...	18.368	3.1	ng	89155	4	17.493	571255	20.0
Phenanthrene, 1...	18.415	4.3	ng	122179	4	17.493	571255	20.0
4H-Cyclopenta[d...	18.562	4.8	ng	136121	4	17.493	571255	20.0
Phenanthrene, 2...	19.278	2.8	ng	81175	4	17.493	571255	20.0
Pyrene, 1-methyl-	20.389	2.8	ng	96716	5	21.781	698149	20.0