LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060500.D
Acq On : 31 Jan 2024 2:05
Operator : MA/JU
Sample : P1188-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060500.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.032	324	331	335	rBV	49297	77655	1.53%	0.187%
2	5.502	403	411	421	rBV	883513	1489061	29.40%	3.583%
3	7.094	673	682	697	rBV	941667	1731111	34.18%	4.166%
4	7.923	815	823	834	rBV	543514	974579	19.24%	2.345%
5	9.086	1013	1021	1031	rBV	608937	1115159	22.02%	2.684%
6	10.731	1291	1301	1307	rBV	809706	1528235	30.17%	3.678%
7	10.778	1307	1309	1317	rVB	67265	97122	1.92%	0.234%
8	12.388	1577	1583	1591	rVB3	42733	79916	1.58%	0.192%
9	12.606	1615	1620	1626	rVB2	32730	56498	1.12%	0.136%
10	13.181	1711	1718	1732	rBV	1942861	3005187	59.33%	7.232%
11	13.734	1806	1812	1820	rVB9	21023	51945	1.03%	0.125%
12	13.887	1833	1838	1843	rVB3	30544	54606	1.08%	0.131%
13	14.451	1929	1934	1939	rBV4	35003	52338	1.03%	0.126%
14	14.562	1942	1953	1960	rVV	1534877	2456577	48.50%	5.912%
15	14.627	1960	1964	1972	rVB	104385	173225	3.42%	0.417%
16	14.962	2016	2021	2028	rVB	60519	89707	1.77%	0.216%
17	15.350	2082	2087	2090	rBV7	32338	57602	1.14%	0.139%
18	15.608	2126	2131	2138	rBV2	111405	190432	3.76%	0.458%
19	15.902	2178	2181	2188	rVB2	41024	70388	1.39%	0.169%
20	16.055	2201	2207	2215	rBV	1492994	2273370	44.88%	5.471%
21	16.284	2244	2246	2251	rVB4	72818	94591	1.87%	0.228%
22	17.312	2415	2421	2425	rBV	1919106	2836103	55.99%	6.825%
23	17.353	2425	2428	2435	rVV	825145	1173138	23.16%	2.823%
24	17.447	2439	2444	2448	rVV	184886	278896	5.51%	0.671%
25	17.717	2487	2490	2494	rBV2	74560	92611	1.83%	0.223%
26	18.193	2567	2571	2574	rBV3	162941	238653	4.71%	0.574%
27	18.234	2575	2578	2584	rVB	193451	282061	5.57%	0.679%
28	18.387	2599	2604	2607	rBV2	231418	401715	7.93%	0.967%
29	18.687	2652	2655	2659	rVB	94517	137169	2.71%	0.330%
30	19.368	2766	2771	2776	rBV	2088303	2961656	58.47%	7.127%
31	19.421	2776	2780	2784	rVB2	344971	441275	8.71%	1.062%
32	19.703	2823	2828	2829	rBV2	384007	553026	10.92%	1.331%
33	19.733	2829	2833	2841	rVB	1850165	2717420	53.65%	6.539%
34	19.927	2862	2866	2873	rVB	2859572	3729429	73.63%	8.975%
35	20.226	2914	2917	2921	rVB	401457	514100	10.15%	1.237%
36	20.326	2931	2934	2938	rVB	251534	296779	5.86%	0.714%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_G
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.578	3139	3147	3152	rBV2	2067381	5065219	100.00%	12.189%
38	21.625	3152	3155	3166	rVB	999848	1663878	32.85%	4.004%
39	24.750	3680	3687	3696	rBV	874226	2452929	48.43%	5.903%

Sum of corrected areas: 41555361

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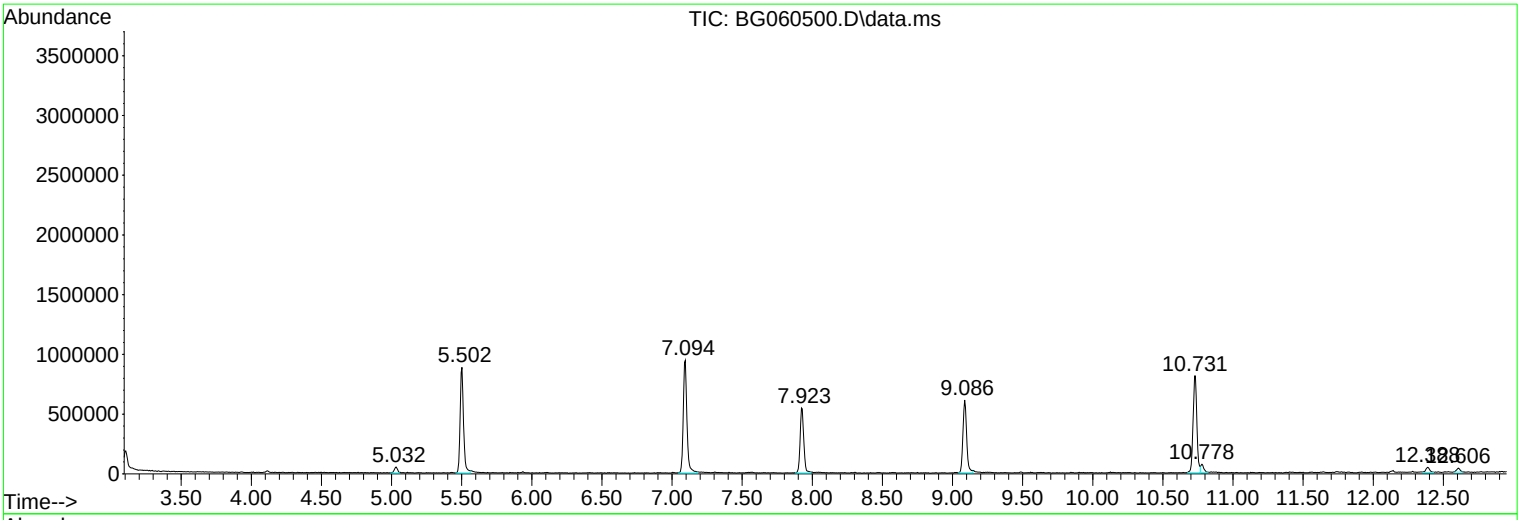
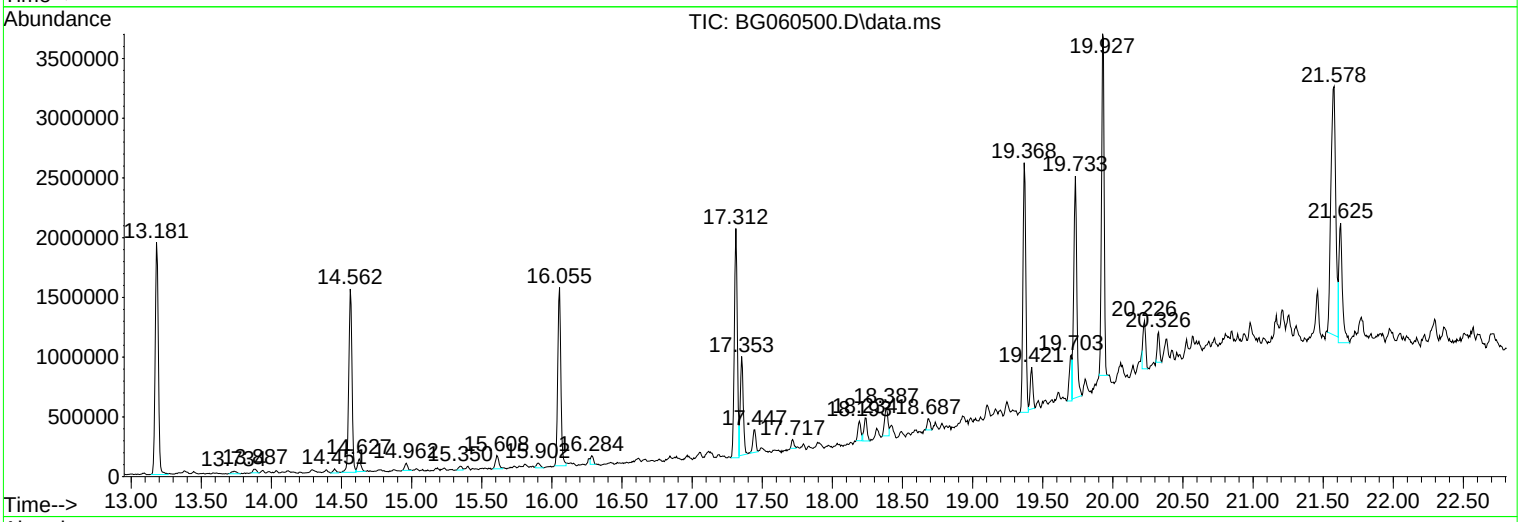
Misc :
ALS Vial : 14 Sample Multiplier: 1

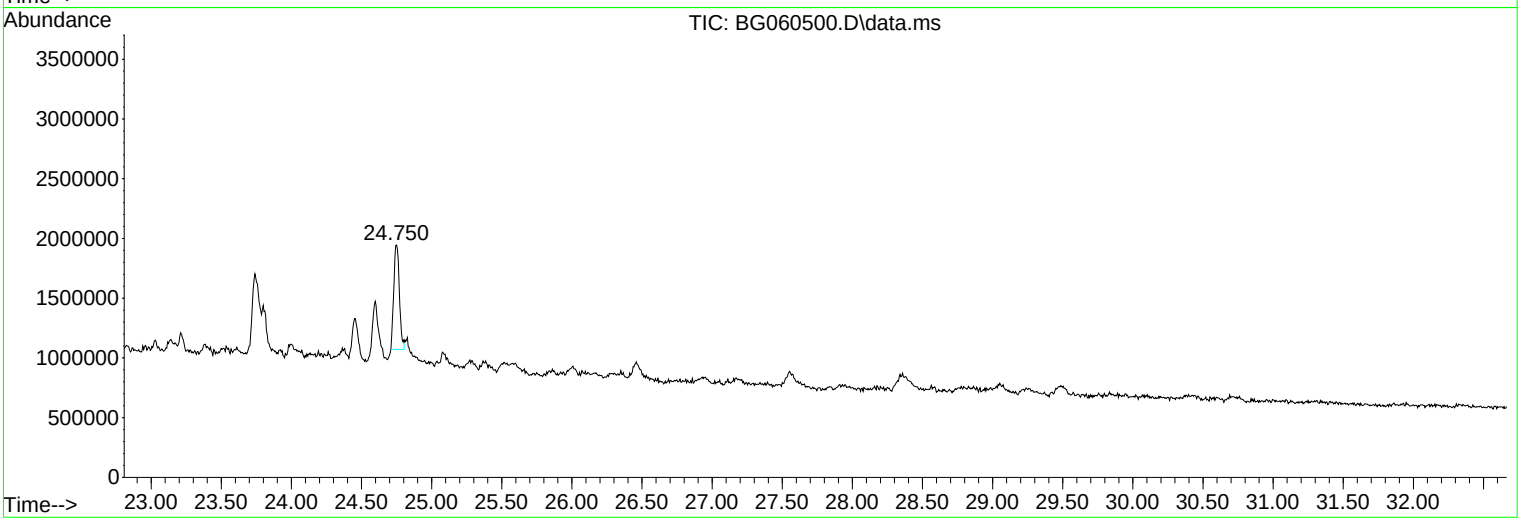
Instrument :
BNA_G
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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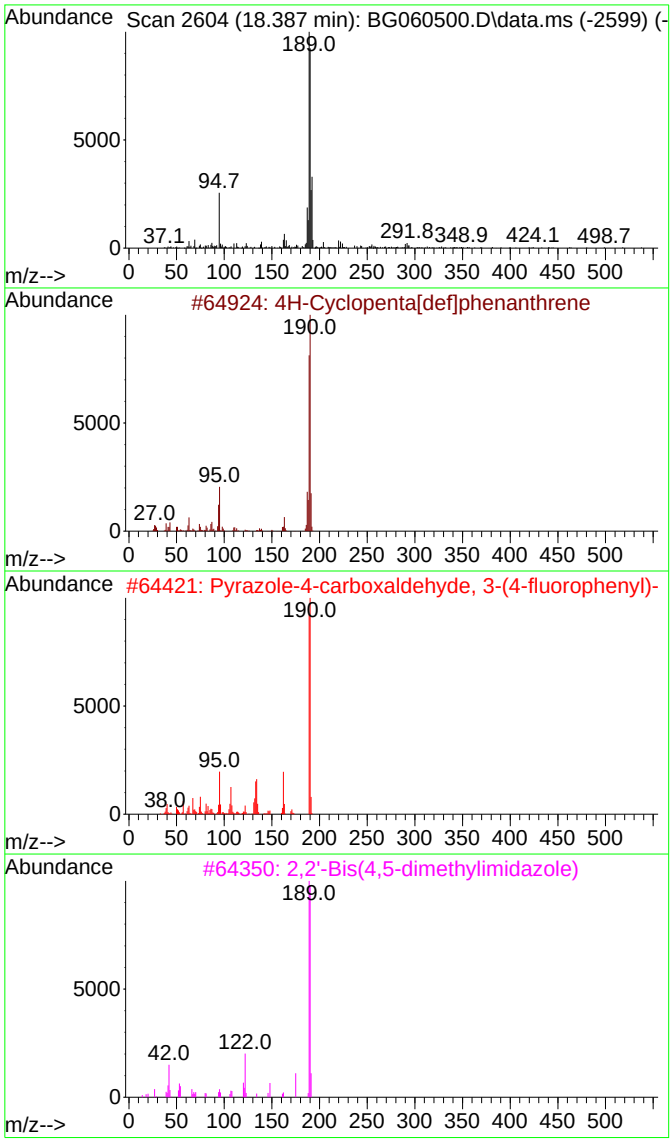
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

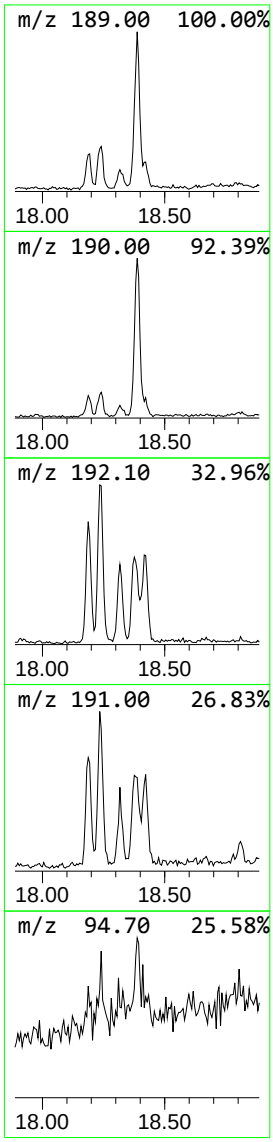
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.387	2.83 ng	401715	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	32
5	Ursan-16-one, 3-hydroxy-, (3.bet...	442	C30H50O2	042556-50-3	25





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Instrument :
BNA_G
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

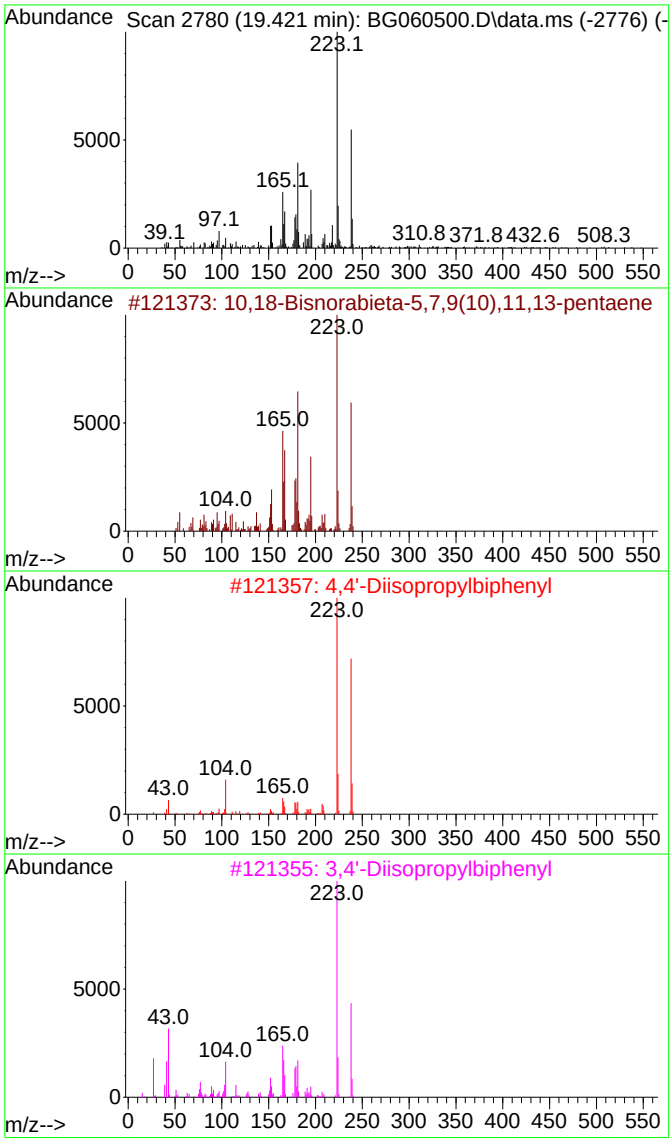
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

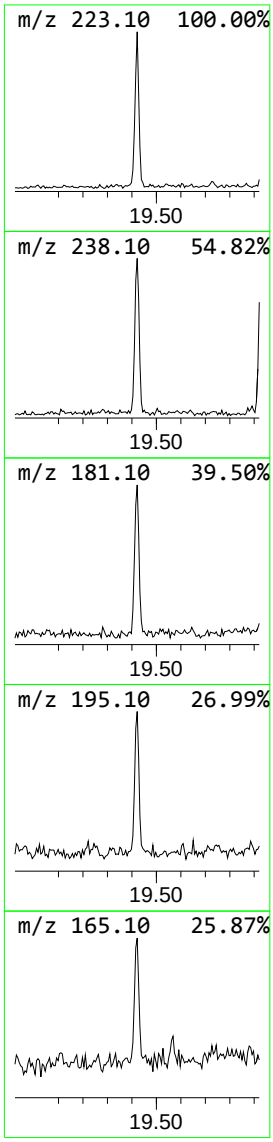
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.421	3.11 ng	441275	Phenanthrene-d10	17.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	96
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	89
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
4	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	86
5	cyclopropanone, 2-(4-methoxyphen...	238	C16H14O2	1000401-16-2	62





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

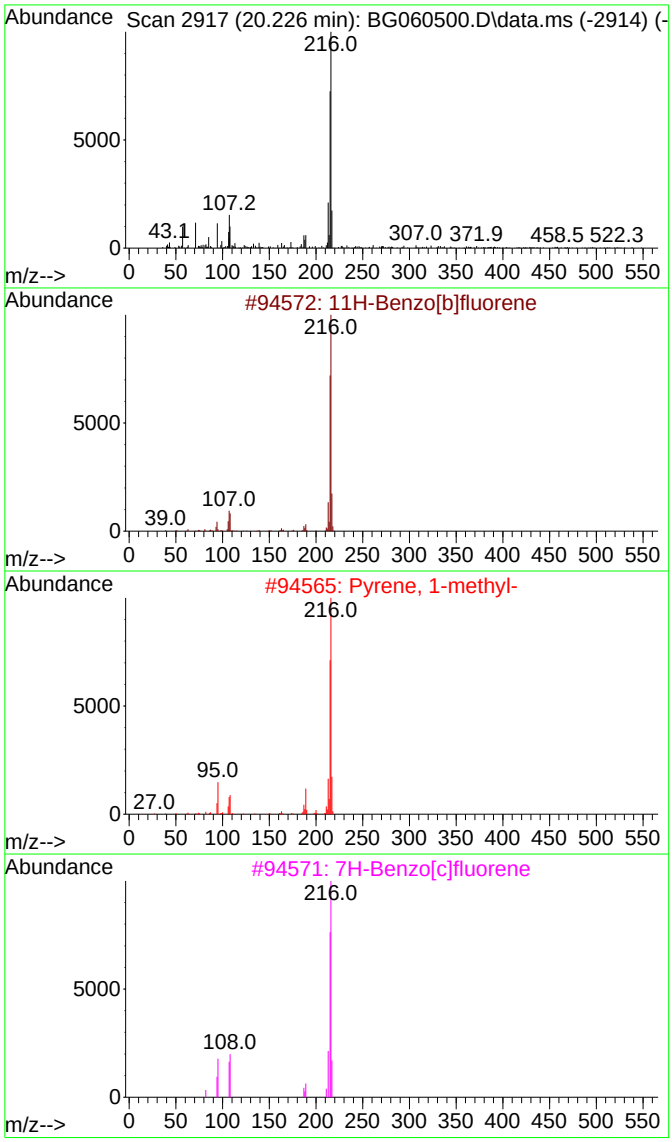
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

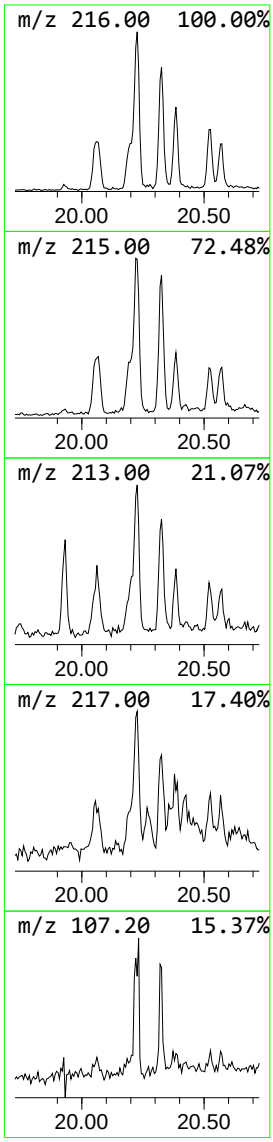
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.226	2.03 ng	514100	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Tentatively Identified Compound (LSC) summary

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Sample : P1188-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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
4H-Cyclopenta[d...	18.387	2.8	ng	401715	4	17.312	2836100	20.0
10,18-Bisnorabi...	19.421	3.1	ng	441275	4	17.312	2836100	20.0
11H-Benzo[b]flu...	20.226	2.0	ng	514100	5	21.578	5065220	20.0