LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
Sample : M2589-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(4-6)

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.158	682	692	708	rVB	232799	440473	1.03%	0.473%
2	7.987	824	833	840	rBV	530789	841997	1.97%	0.904%
3	10.793	1300	1310	1315	rBV	658740	1241309	2.90%	1.333%
4	13.240	1718	1726	1734	rVB	450527	642166	1.50%	0.689%
5	14.610	1950	1959	1965	rBV	1019782	1583656	3.70%	1.700%
6	14.675	1965	1970	1978	rVB	378377	572530	1.34%	0.615%
7	15.657	2131	2137	2148	rBV	455754	710610	1.66%	0.763%
8	16.098	2207	2212	2219	rVB2	364827	558210	1.30%	0.599%
9	17.357	2421	2426	2429	rBV	1213430	1750630	4.09%	1.880%
10	17.398	2429	2433	2440	rVV	3359599	4781751	11.17%	5.134%
11	17.492	2444	2449	2454	rVB	884483	1211925	2.83%	1.301%
12	17.757	2489	2494	2500	rVB	421753	576567	1.35%	0.619%
13	18.263	2576	2580	2587	rVB	471214	653683	1.53%	0.702%
14	18.410	2600	2605	2608	rBV2	664151	1024189	2.39%	1.100%
15	19.357	2761	2766	2771	rBV	5193400	7024733	16.41%	7.542%
16	19.404	2771	2774	2779	rVB	1158085	1418637	3.31%	1.523%
17	19.680	2816	2821	2822	rBV	1042880	1413738	3.30%	1.518%
18	19.710	2822	2826	2833	rVB	4419976	5972509	13.95%	6.412%
19	19.892	2853	2857	2862	rVB2	798025	1121773	2.62%	1.204%
20	20.186	2904	2907	2911	rVB	915307	1064926	2.49%	1.143%
21	20.280	2920	2923	2927	rBV	597258	726881	1.70%	0.780%
22	21.116	3062	3065	3069	rBV2	678152	847777	1.98%	0.910%
23	21.339	3096	3103	3107	rBV	25690079	42800159	100.00%	45.951%
24	21.416	3107	3116	3121	rVV3	3000952	5995700	14.01%	6.437%
25	21.463	3121	3124	3132	rVB	2108050	2880693	6.73%	3.093%
26	23.127	3403	3407	3413	rBV	1078166	2361124	5.52%	2.535%
27	23.768	3512	3516	3525	rVB	1507320	2924896	6.83%	3.140%

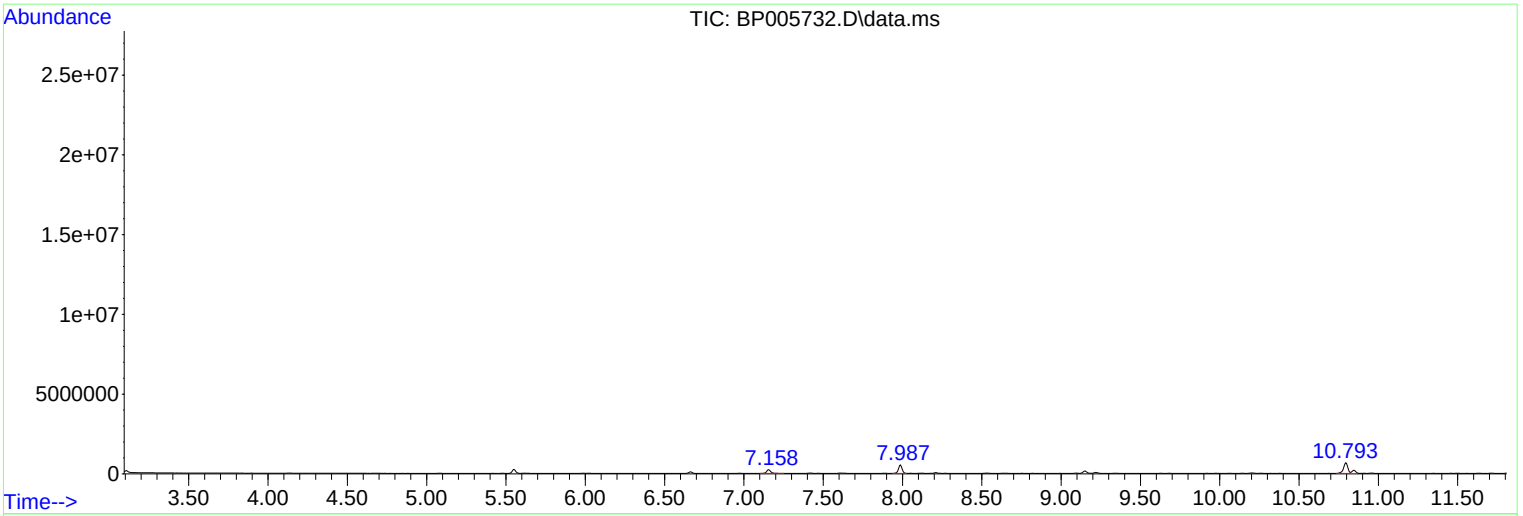
Sum of corrected areas: 93143242

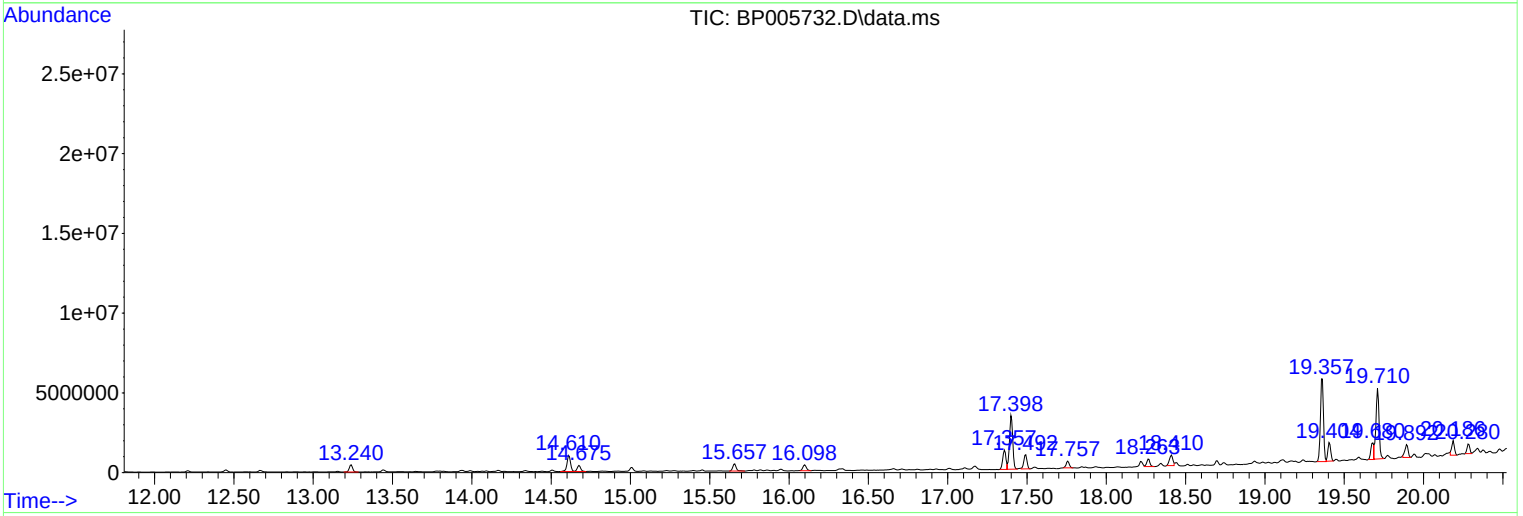
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
Sample : M2589-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

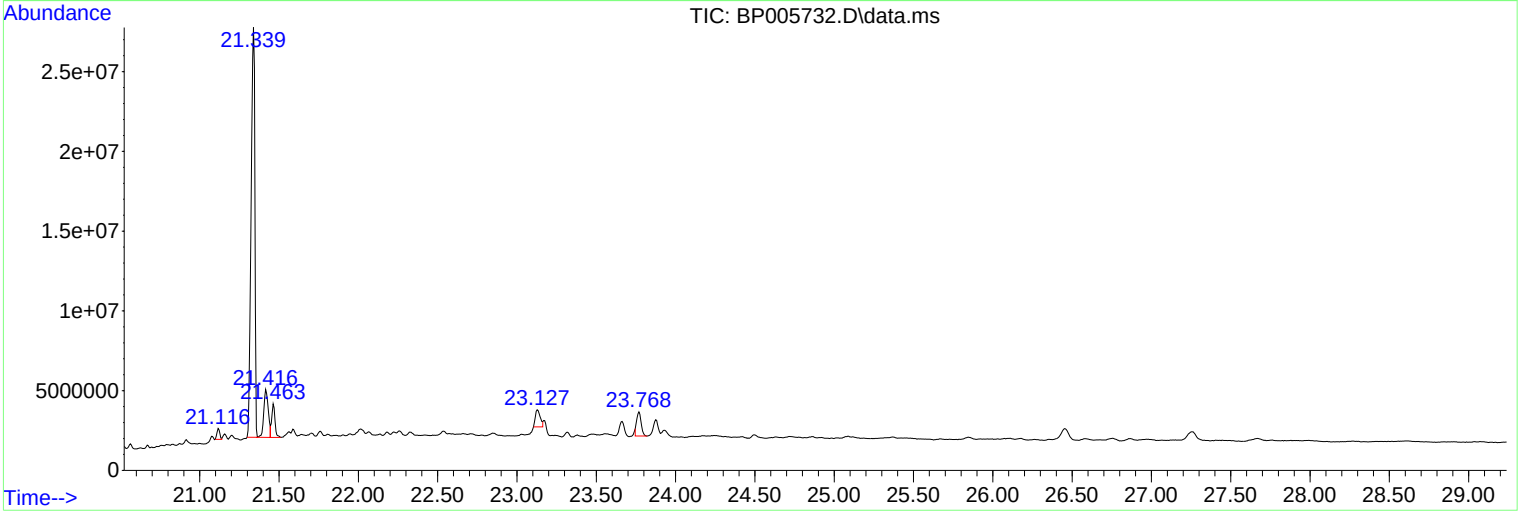
Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
Sample : M2589-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

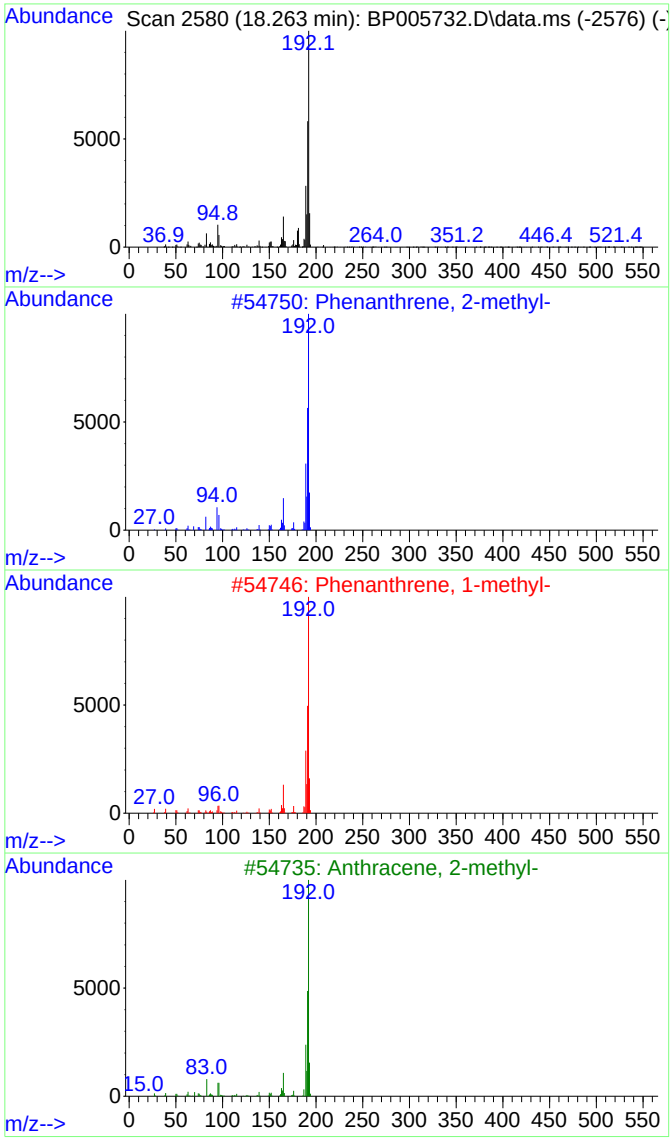
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

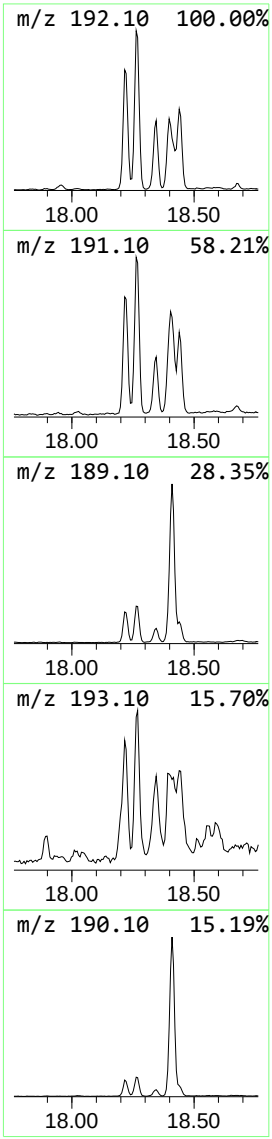
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	7.47 ng	653683	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
Sample : M2589-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)

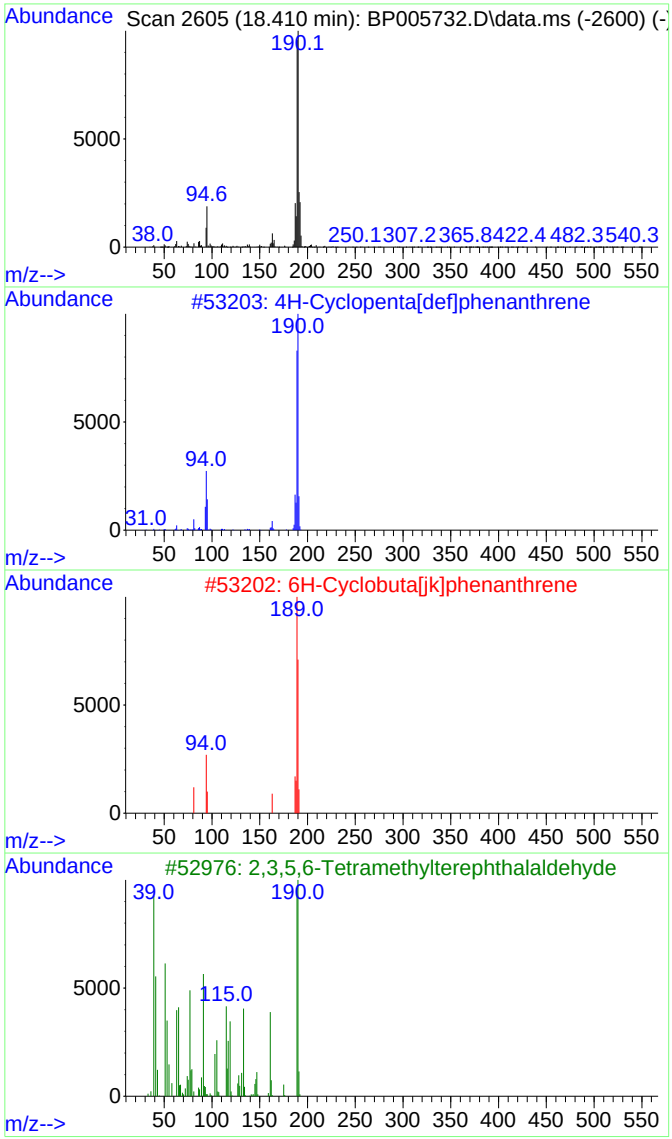
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

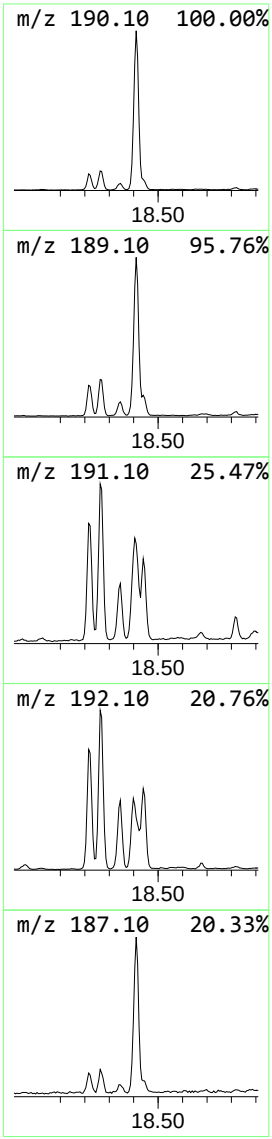
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	11.70 ng	1024190	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
Sample : M2589-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

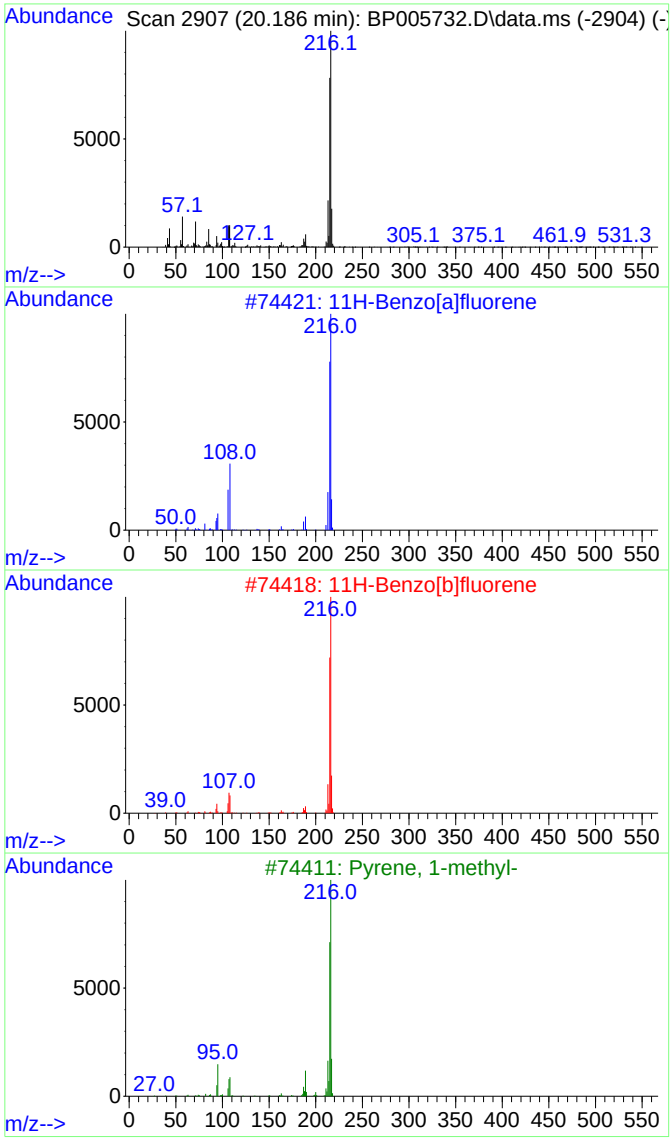
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

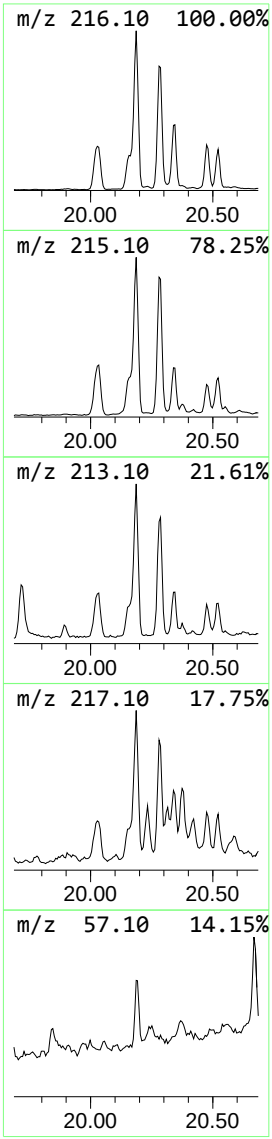
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	3.55 ng	1064930	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
Sample : M2589-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

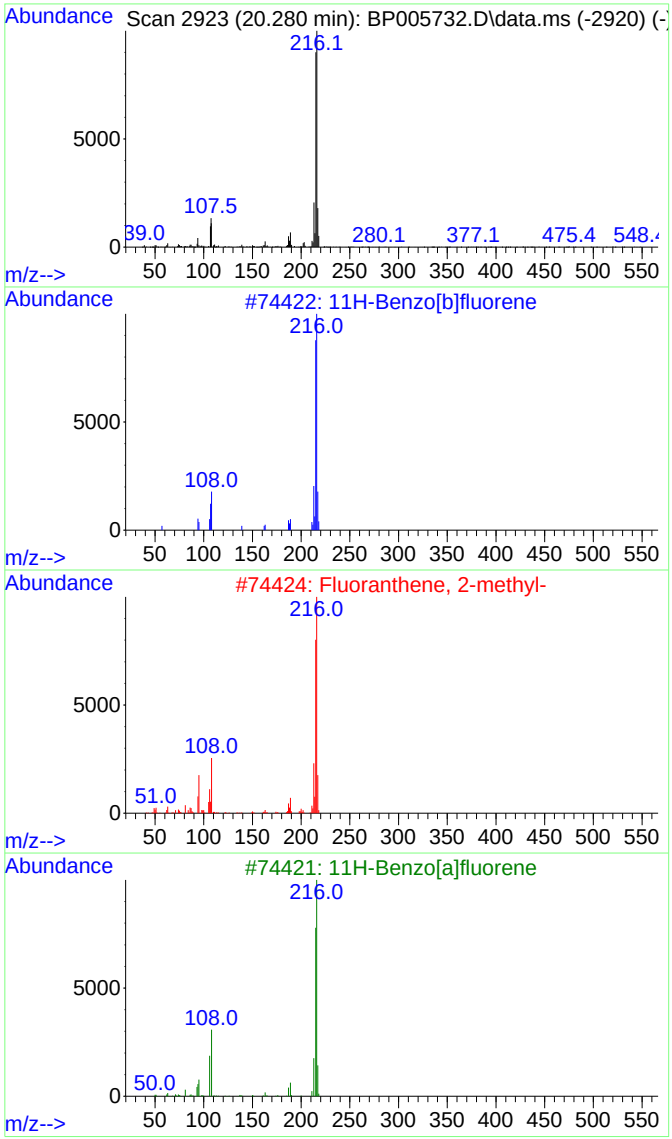
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

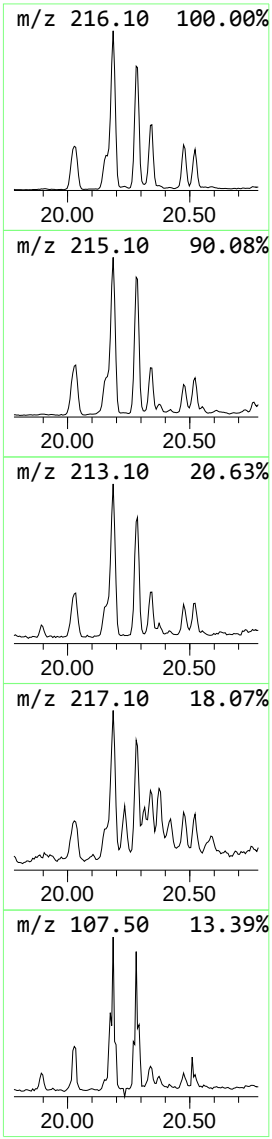
****

Peak Number 4 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.280	2.42 ng	726881	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
Sample : M2589-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

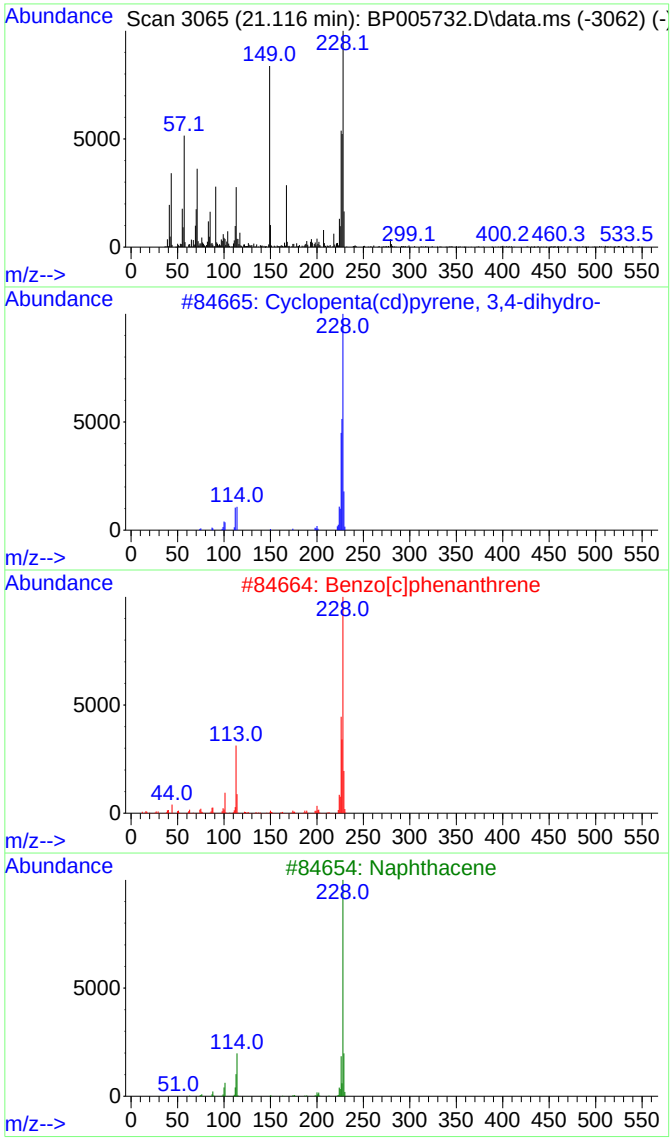
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

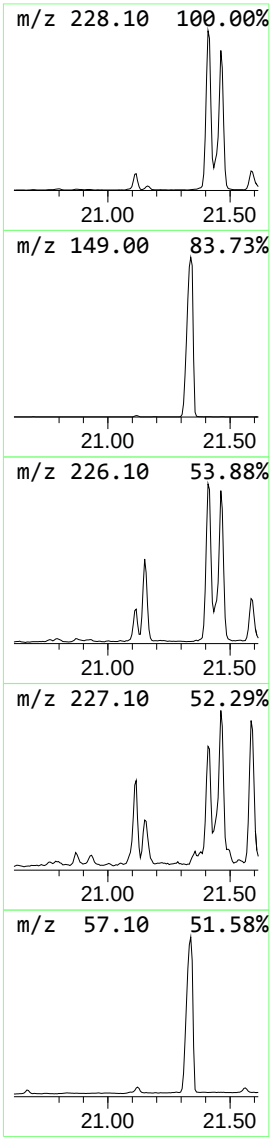
****

Peak Number 5 unknown21.116 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.116	2.83 ng	847777	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	42
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	30
3	Naphthacene	228	C18H12	000092-24-0	25
4	Benz[a]anthracene	228	C18H12	000056-55-3	20
5	Triphenylene	228	C18H12	000217-59-4	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
Sample : M2589-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B11(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Phenanthrene, 2...	18.263	7.5	ng	653683	4	17.357	1750630	20.0
4H-Cyclopenta[d...	18.410	11.7	ng	1024190	4	17.357	1750630	20.0
11H-Benzo[a]flu...	20.186	3.5	ng	1064930	5	21.427	5995700	20.0
Fluoranthene, 2...	20.280	2.4	ng	726881	5	21.427	5995700	20.0
unknown21.116	21.116	2.8	ng	847777	5	21.427	5995700	20.0