LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029640.D
Acq On : 24 Apr 2021 16:43
Operator : CG/JU
Sample : M2148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-18-17-COMP

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_M\Methods\8270-BM042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029640.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	391	397	406	rBV	1211465	1717873	49.51%	6.761%
2	6.804	659	666	678	rBV	1117335	1780317	51.31%	7.007%
3	7.622	799	805	814	rBV	308135	476945	13.74%	1.877%
4	8.781	994	1002	1017	rBV	659672	1150881	33.17%	4.529%
5	10.404	1269	1278	1288	rBV	351072	593557	17.11%	2.336%
6	12.886	1693	1700	1713	rBV	1801463	2600630	74.95%	10.235%
7	13.733	1838	1844	1854	rVB	56827	89956	2.59%	0.354%
8	14.268	1927	1935	1941	rBV	529088	790696	22.79%	3.112%
9	14.333	1941	1946	1954	rVB	61644	95977	2.77%	0.378%
10	15.321	2109	2114	2125	rVB	67906	104896	3.02%	0.413%
11	15.762	2182	2189	2199	rBV	1413701	1973936	56.89%	7.769%
12	16.327	2277	2285	2289	rBV3	17642	35226	1.02%	0.139%
13	16.768	2351	2360	2366	rBV6	22959	60421	1.74%	0.238%
14	16.833	2367	2371	2377	rVB2	24273	35332	1.02%	0.139%
15	17.015	2395	2402	2405	rBV	613656	881275	25.40%	3.468%
16	17.056	2405	2409	2416	rVV	493748	696920	20.08%	2.743%
17	17.145	2416	2424	2430	rVB	139156	211594	6.10%	0.833%
18	17.415	2461	2470	2475	rBV2	26417	61688	1.78%	0.243%
19	17.886	2545	2550	2553	rBV	78438	118374	3.41%	0.466%
20	17.933	2553	2558	2566	rVV2	144558	316591	9.12%	1.246%
21	18.015	2568	2572	2577	rVV	49279	81351	2.34%	0.320%
22	18.080	2577	2583	2587	rVV2	123410	227589	6.56%	0.896%
23	18.115	2587	2589	2597	rVB	54689	75884	2.19%	0.299%
24	18.392	2632	2636	2640	rBV	48548	67205	1.94%	0.264%
25	18.809	2702	2707	2712	rBV	48683	78156	2.25%	0.308%
26	18.874	2712	2718	2721	rBV5	26700	45128	1.30%	0.178%
27	19.074	2746	2752	2759	rBV	686545	914633	26.36%	3.600%
28	19.203	2771	2774	2780	rVB4	33993	50089	1.44%	0.197%
29	19.433	2804	2813	2822	rBV2	506553	975725	28.12%	3.840%
30	19.509	2822	2826	2835	rVB3	42603	76147	2.19%	0.300%
31	19.645	2841	2849	2861	rBV	2814022	3470030	100.00%	13.657%
32	19.762	2863	2869	2876	rBV3	50426	131977	3.80%	0.519%
33	19.897	2888	2892	2894	rBV5	32181	51321	1.48%	0.202%
34	19.933	2894	2898	2903	rVB	166896	225899	6.51%	0.889%
35	20.033	2911	2915	2919	rBV	153855	202113	5.82%	0.795%
36	20.092	2920	2925	2928	rVV2	76578	124090	3.58%	0.488%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029640.D
Acq On : 24 Apr 2021 16:43
Operator : CG/JU
Sample : M2148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-18-17-COMP

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_M\Methods\8270-BM042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.127	2928	2931	2936	rVB	42698	57576	1.66%	0.227%
38	20.233	2946	2949	2952	rVB	32402	35709	1.03%	0.141%
39	20.274	2953	2956	2960	rVV3	40053	53614	1.55%	0.211%
40	20.844	3051	3053	3057	rVB	41174	42489	1.22%	0.167%
41	20.880	3057	3059	3062	rBV	47884	48746	1.40%	0.192%
42	20.921	3062	3066	3071	rBV2	264740	343350	9.89%	1.351%
43	21.191	3106	3112	3116	rBV2	1012519	1734207	49.98%	6.825%
44	21.233	3116	3119	3128	rVB	311632	422835	12.19%	1.664%
45	21.350	3136	3139	3146	rBV3	64245	99626	2.87%	0.392%
46	22.727	3369	3373	3377	rBV	214929	419958	12.10%	1.653%
47	23.285	3464	3468	3474	rVB	212888	369505	10.65%	1.454%
48	23.385	3479	3485	3491	rBV2	652655	1191193	34.33%	4.688%

Sum of corrected areas: 25409230

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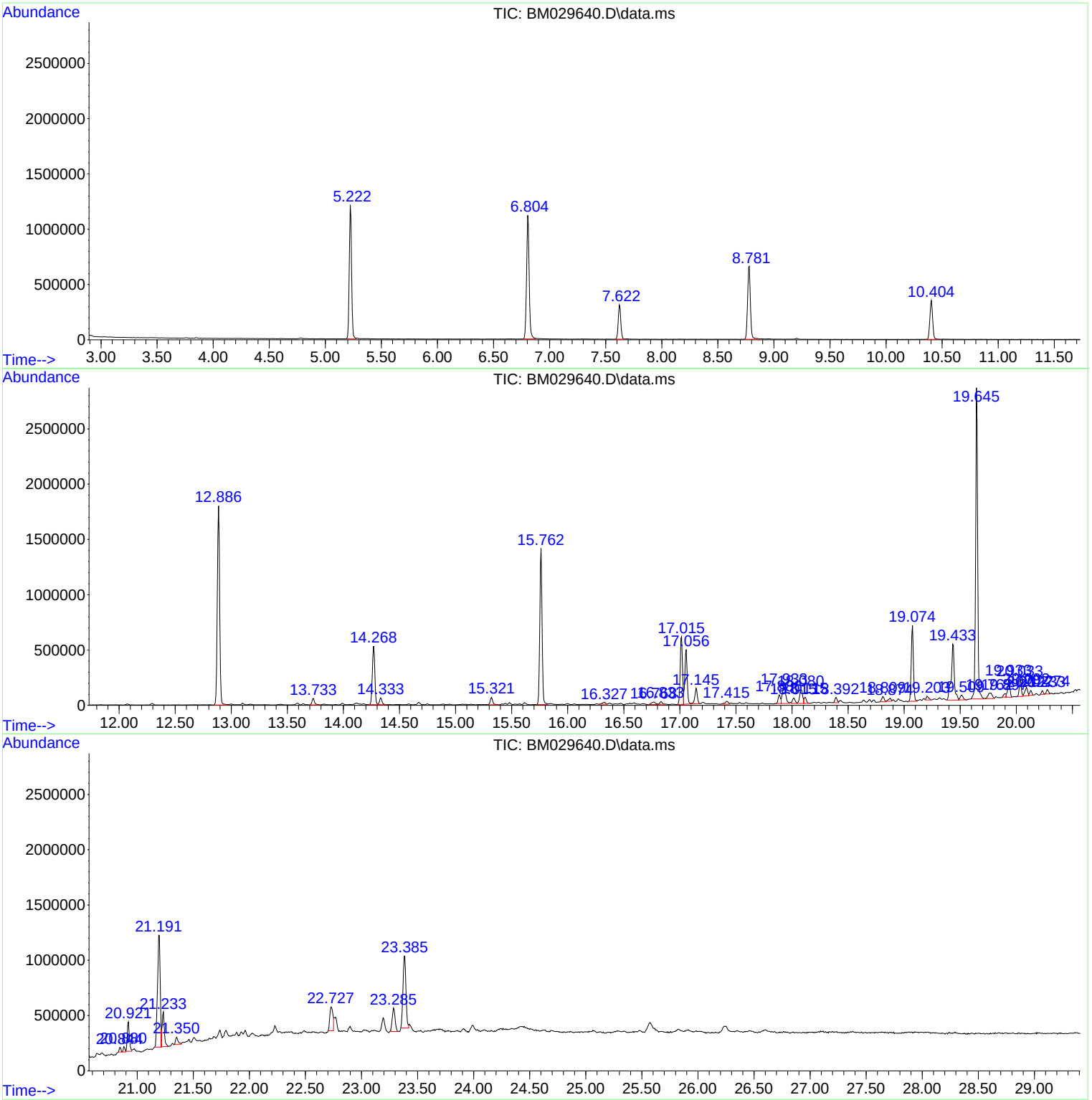
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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_M\Data\BM042421\
Data File : BM029640.D
Acq On : 24 Apr 2021 16:43
Operator : CG/JU
Sample : M2148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

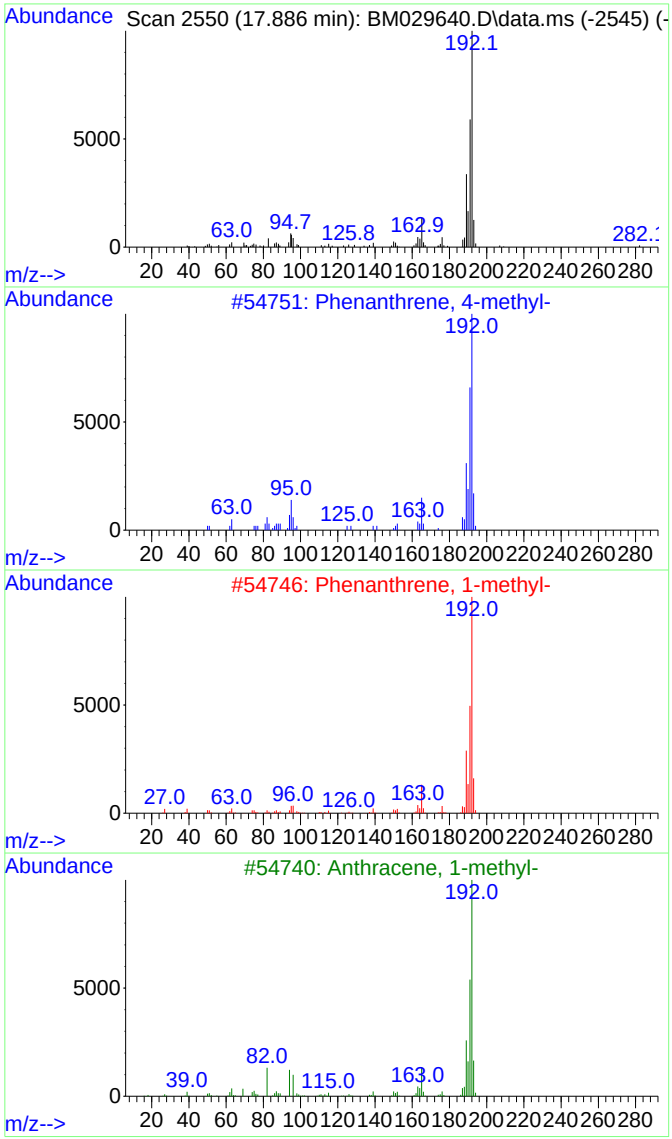
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

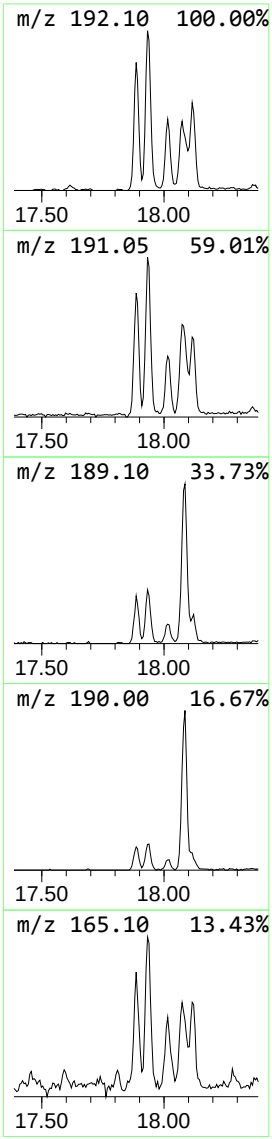
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	2.69 ng	118374	Phenanthrene-d10	17.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029640.D
Acq On : 24 Apr 2021 16:43
Operator : CG/JU
Sample : M2148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

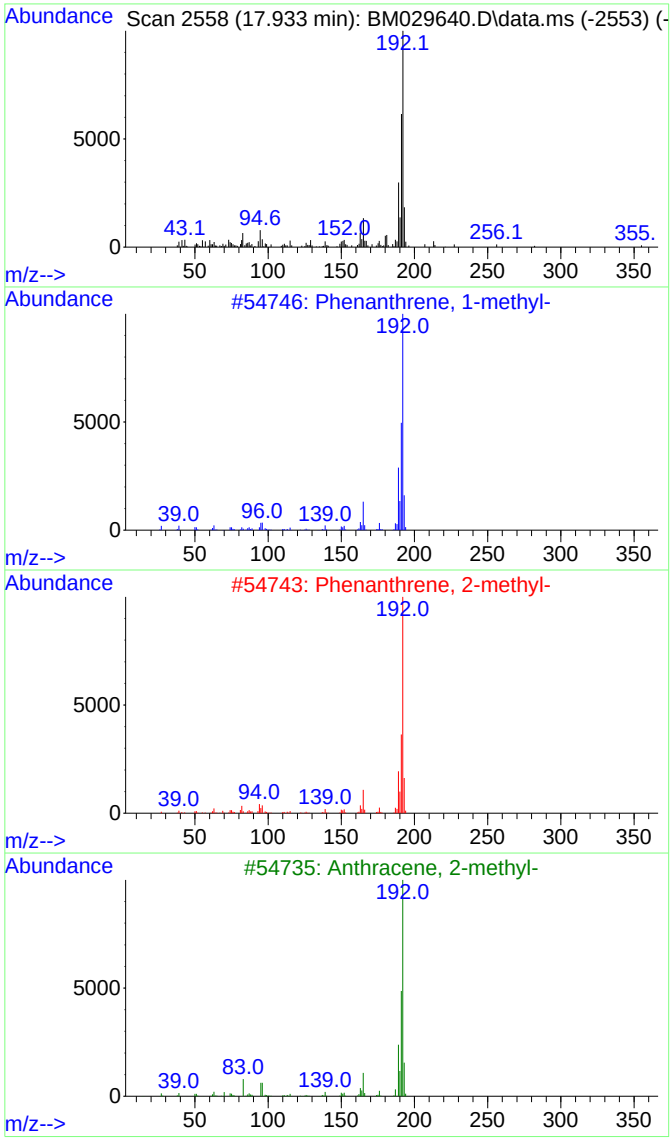
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

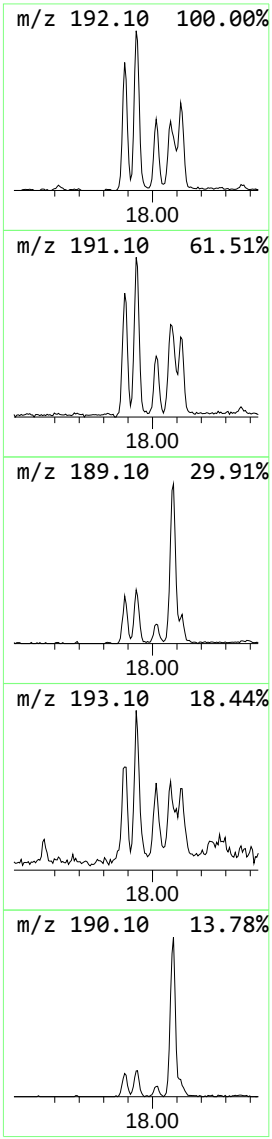
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	7.18 ng	316591	Phenanthrene-d10	17.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029640.D
Acq On : 24 Apr 2021 16:43
Operator : CG/JU
Sample : M2148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

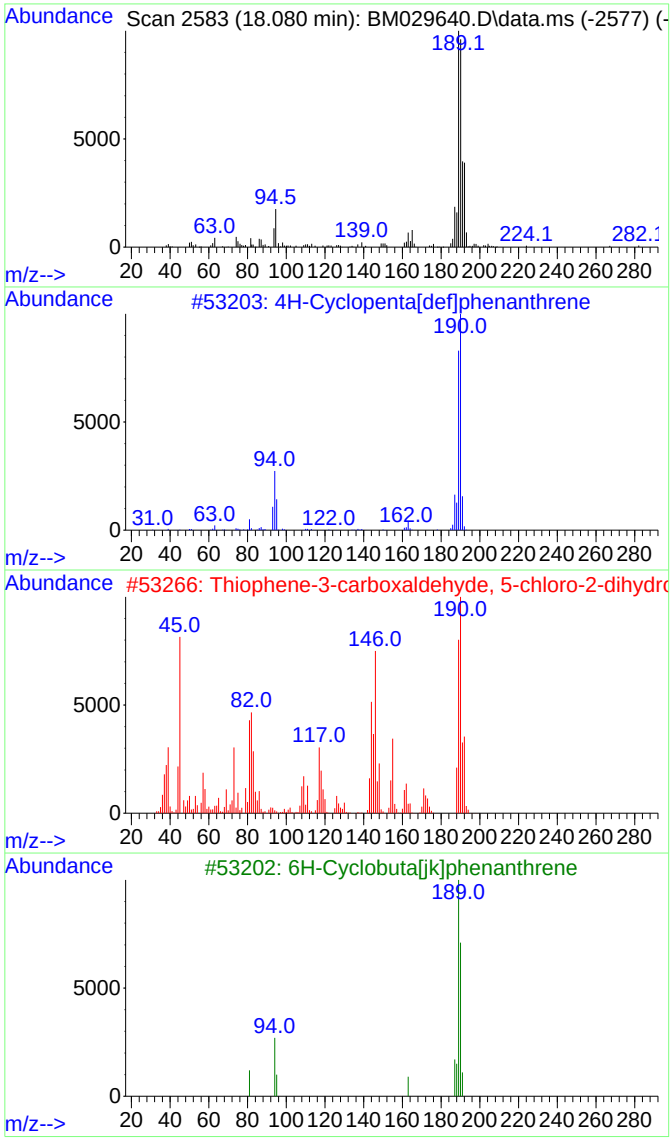
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

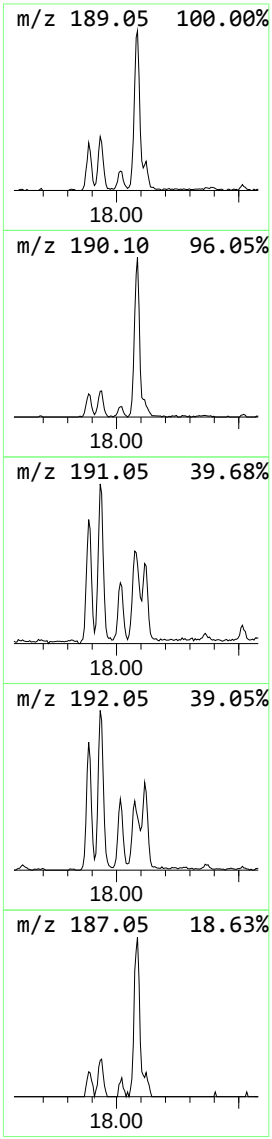
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	5.16 ng	227589	Phenanthrene-d10	17.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029640.D
Acq On : 24 Apr 2021 16:43
Operator : CG/JU
Sample : M2148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

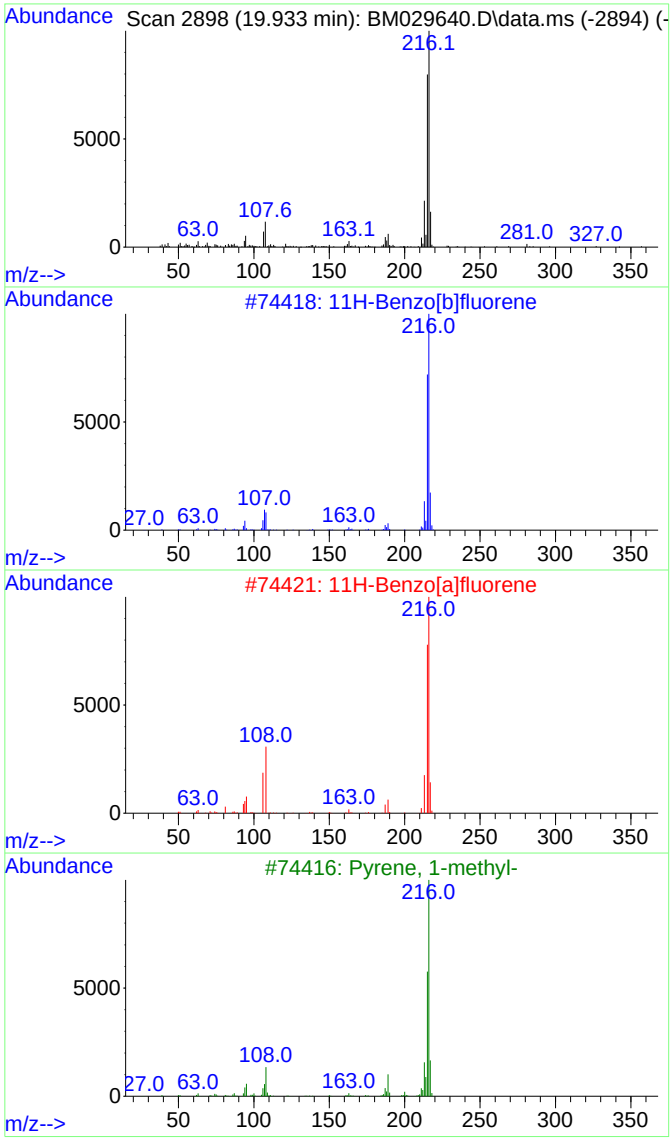
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

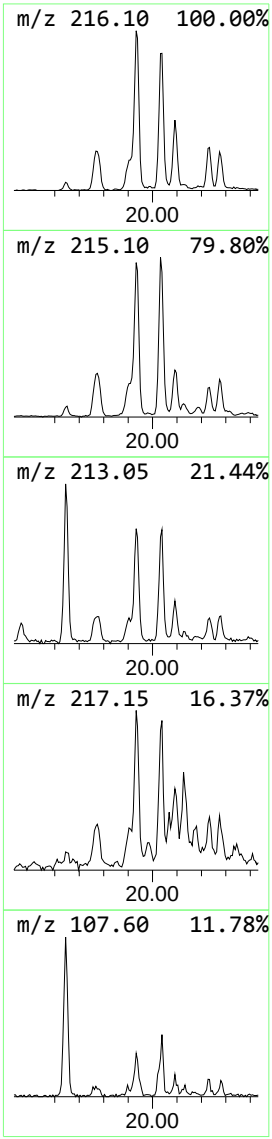
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.933	2.61 ng	225899	Chrysene-d12	21.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029640.D
Acq On : 24 Apr 2021 16:43
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Sample : M2148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

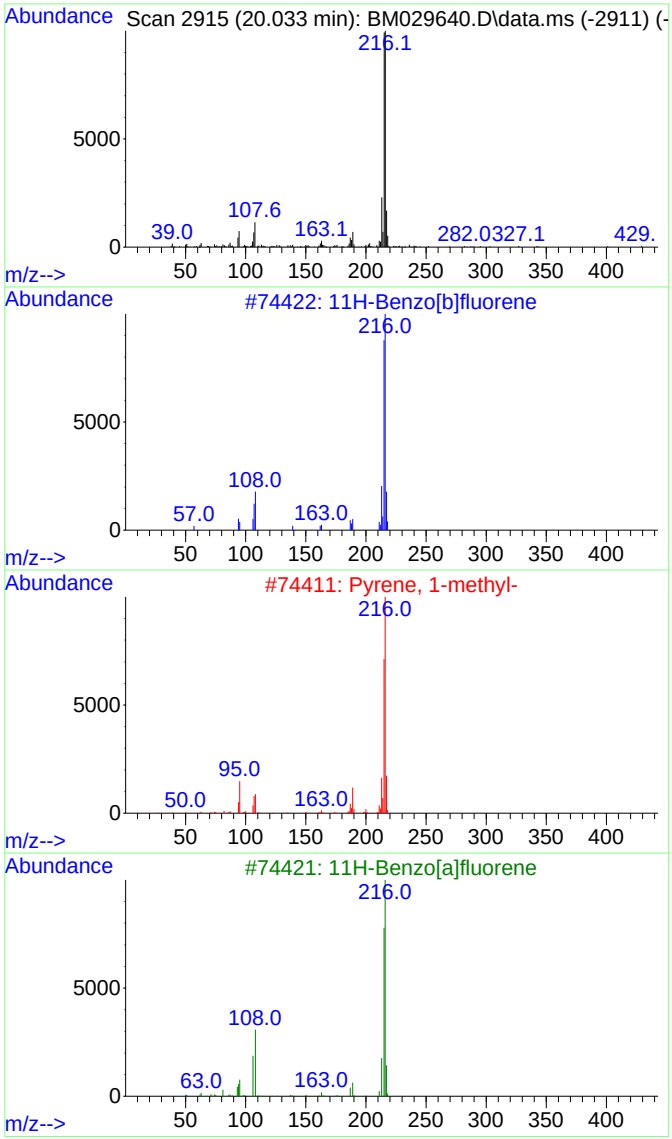
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

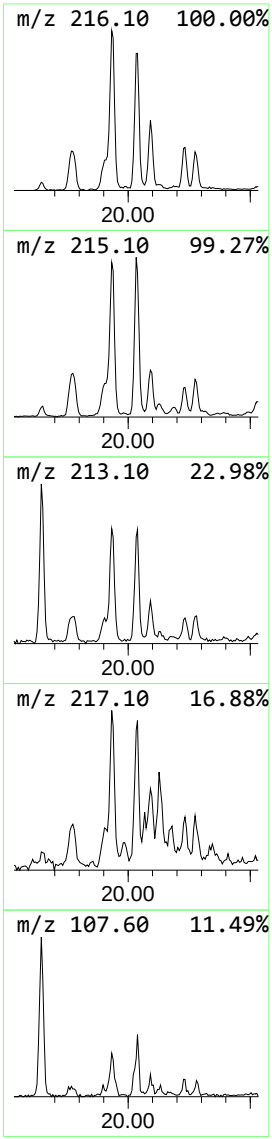
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.033	2.33 ng	202113	Chrysene-d12	21.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Data File : BM029640.D
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Operator : CG/JU
Sample : M2148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

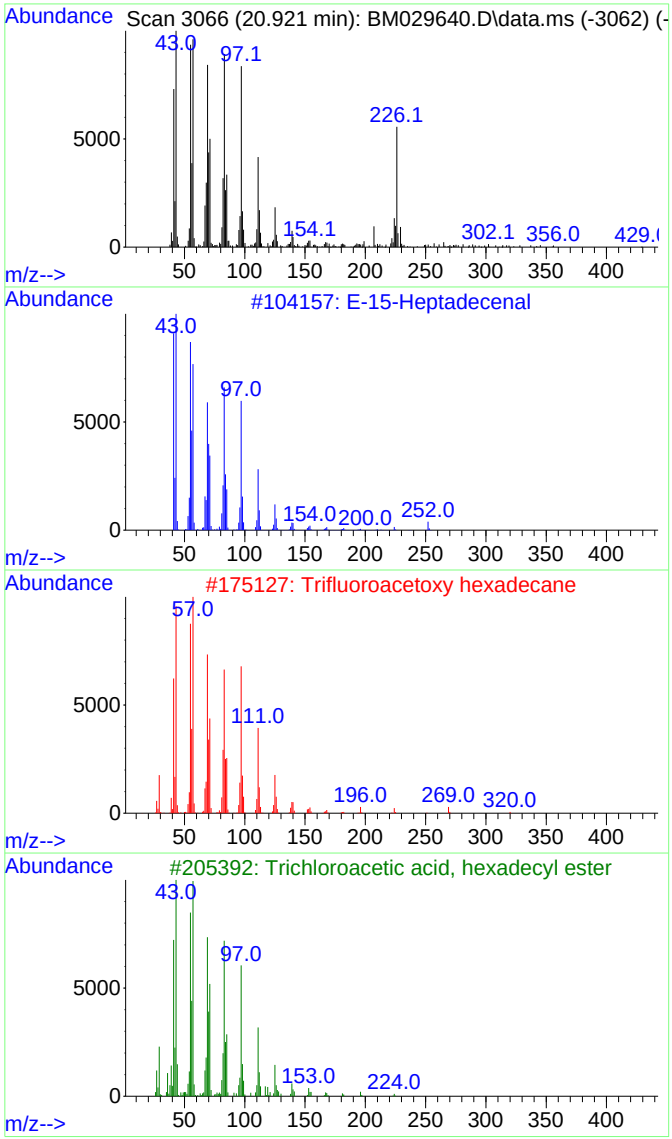
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

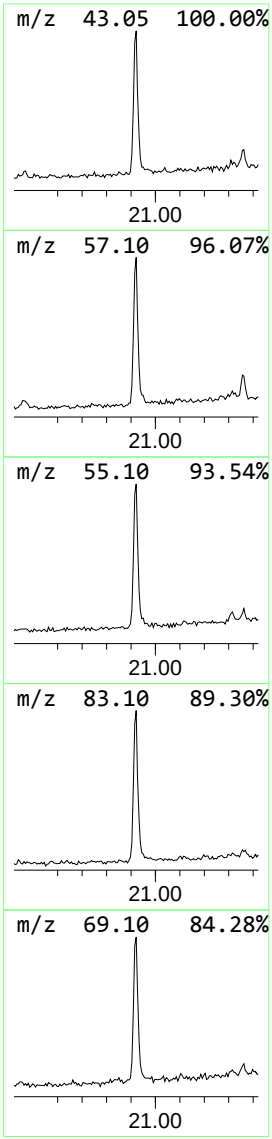
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.921	3.96 ng	343350	Chrysene-d12	21.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	Cyclohexadecane	224	C16H32	000295-65-8	89
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029640.D
Acq On : 24 Apr 2021 16:43
Operator : CG/JU
Sample : M2148-01
Misc :
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Instrument : BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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, 4...	17.886	2.7	ng	118374	4	17.015	881275	20.0
Phenanthrene, 1...	17.933	7.2	ng	316591	4	17.015	881275	20.0
4H-Cyclopenta[d...	18.080	5.2	ng	227589	4	17.015	881275	20.0
11H-Benzo[b]flu...	19.933	2.6	ng	225899	5	21.197	1734210	20.0
Pyrene, 1-methyl-	20.033	2.3	ng	202113	5	21.197	1734210	20.0
E-15-Heptadecenal	20.921	4.0	ng	343350	5	21.197	1734210	20.0