LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029684.D
Acq On : 27 Apr 2021 21:29
Operator : CG/JU
Sample : M2187-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEST-PIT-I

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: BM029684.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.210	390	395	402	rBV	164333	244188	7.66%	1.088%
2	6.792	658	664	678	rBV	146821	271354	8.51%	1.210%
3	7.610	795	803	812	rBV	327072	508194	15.94%	2.265%
4	8.769	993	1000	1008	rBV	85527	156249	4.90%	0.696%
5	9.422	1104	1111	1119	rBV	18521	32800	1.03%	0.146%
6	10.392	1268	1276	1283	rBV	413029	690023	21.64%	3.076%
7	12.874	1691	1698	1707	rBV	308879	471181	14.78%	2.100%
8	13.721	1838	1842	1852	rVB	23059	36489	1.14%	0.163%
9	14.263	1927	1934	1940	rBV	694695	1018045	31.93%	4.538%
10	15.751	2179	2187	2196	rBV	242869	379921	11.91%	1.694%
11	17.004	2394	2400	2404	rBV	879385	1251579	39.25%	5.579%
12	17.045	2404	2407	2415	rVV	349792	511648	16.05%	2.281%
13	17.139	2418	2423	2429	rVV	116563	171259	5.37%	0.763%
14	17.415	2465	2470	2474	rBV	21867	38982	1.22%	0.174%
15	17.880	2544	2549	2552	rBV	82609	116012	3.64%	0.517%
16	17.927	2552	2557	2564	rVB	131389	211581	6.64%	0.943%
17	18.009	2566	2571	2576	rVV	63596	98807	3.10%	0.440%
18	18.074	2576	2582	2586	rVV2	140413	265846	8.34%	1.185%
19	18.109	2586	2588	2595	rVB	65090	90481	2.84%	0.403%
20	18.386	2631	2635	2639	rBV	66952	86961	2.73%	0.388%
21	18.633	2674	2677	2681	rVB	28352	33432	1.05%	0.149%
22	18.680	2682	2685	2689	rVV	29535	38645	1.21%	0.172%
23	18.721	2689	2692	2696	rVB	26681	35598	1.12%	0.159%
24	18.803	2701	2706	2710	rBV	77129	133591	4.19%	0.595%
25	18.945	2726	2730	2738	rVB3	52543	91858	2.88%	0.409%
26	19.068	2745	2751	2758	rBV	1193834	1596606	50.07%	7.117%
27	19.427	2803	2812	2821	rBV2	1082978	1908553	59.85%	8.507%
28	19.503	2822	2825	2831	rVB2	70741	119929	3.76%	0.535%
29	19.639	2840	2848	2852	rBV2	666031	897774	28.15%	4.002%
30	19.756	2863	2868	2874	rBV4	105234	247567	7.76%	1.104%
31	19.927	2893	2897	2902	rVB	335748	460802	14.45%	2.054%
32	20.027	2910	2914	2918	rBV2	333109	424053	13.30%	1.890%
33	20.086	2919	2924	2928	rVV2	169423	275141	8.63%	1.226%
34	20.121	2928	2930	2934	rVB	62905	82721	2.59%	0.369%
35	20.221	2945	2947	2951	rBV	67089	78389	2.46%	0.349%
36	20.839	3049	3052	3056	rBV	132774	162665	5.10%	0.725%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
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Acq On : 27 Apr 2021 21:29
Operator : CG/JU
Sample : M2187-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEST-PIT-I

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	20.874	3056	3058	3062	rVV	107358	119519	3.75%	0.533%
38	21.192	3105	3112	3116	rBV2	1611053	3188821	100.00%	14.214%
39	21.227	3116	3118	3128	rVB	802921	967096	30.33%	4.311%
40	21.344	3135	3138	3145	rBV	168902	253586	7.95%	1.130%
41	22.727	3368	3373	3377	rBV	669036	1334430	41.85%	5.948%
42	23.191	3448	3452	3460	rVB	429214	769034	24.12%	3.428%
43	23.280	3463	3467	3475	rVB	604562	1113052	34.90%	4.961%
44	23.380	3479	3484	3489	rVV2	865062	1449384	45.45%	6.461%

Sum of corrected areas: 22433846

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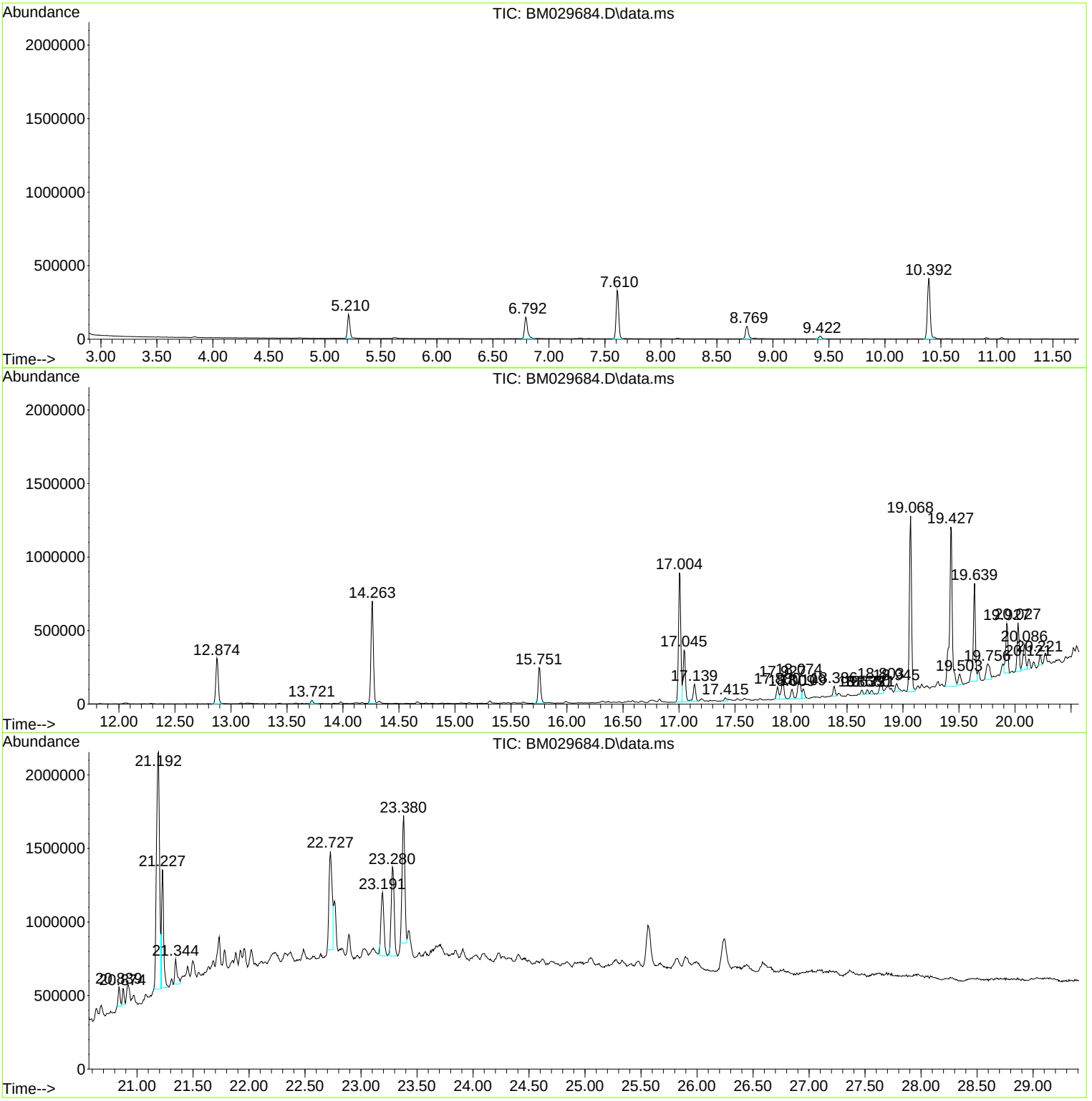
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

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\BM042721\
Data File : BM029684.D
Acq On : 27 Apr 2021 21:29
Operator : CG/JU
Sample : M2187-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

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

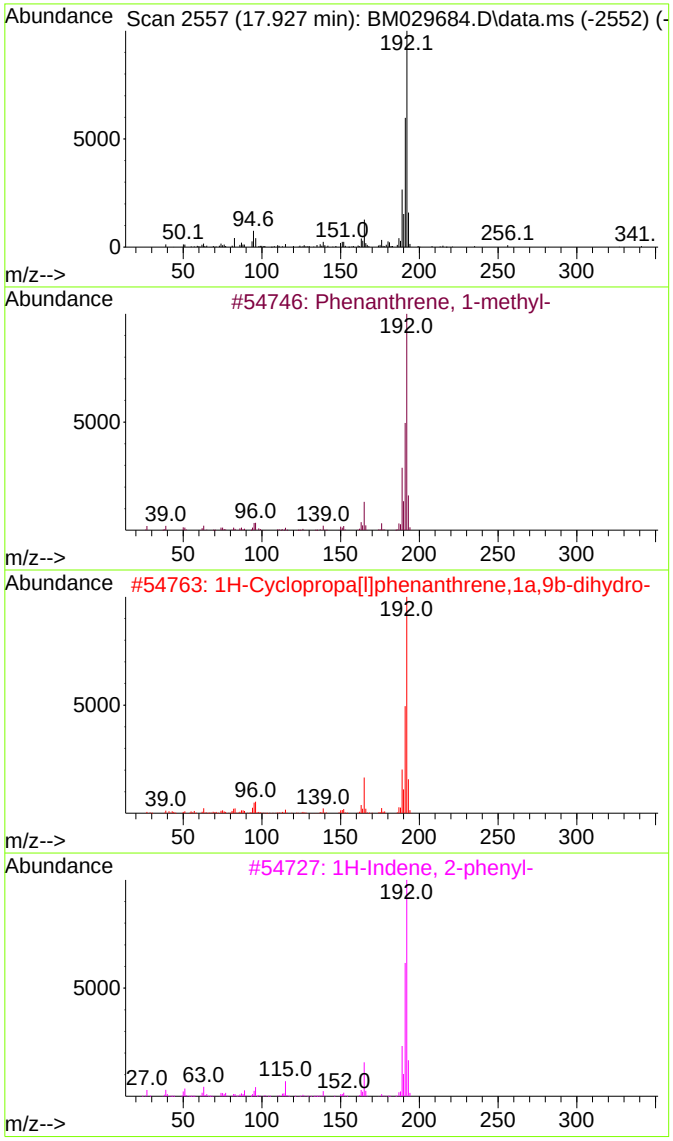
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

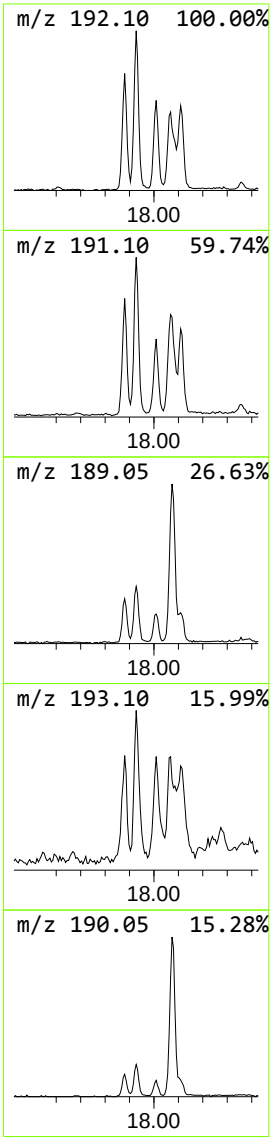
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	3.38 ng	211581	Phenanthrene-d10	17.003

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029684.D
Acq On : 27 Apr 2021 21:29
Operator : CG/JU
Sample : M2187-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

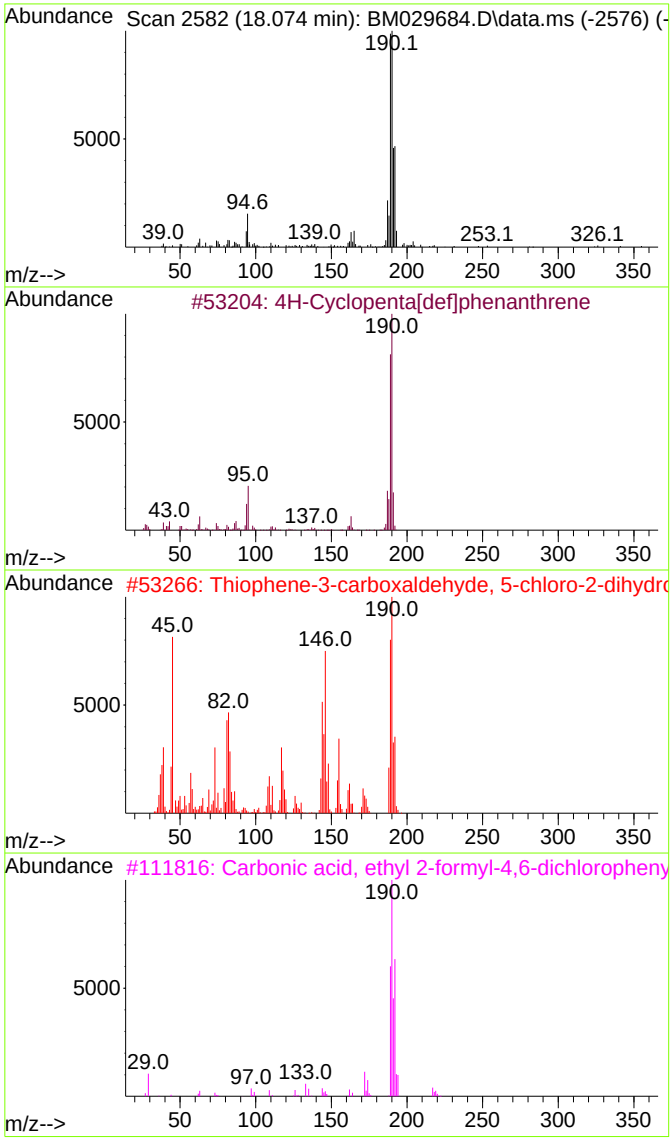
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

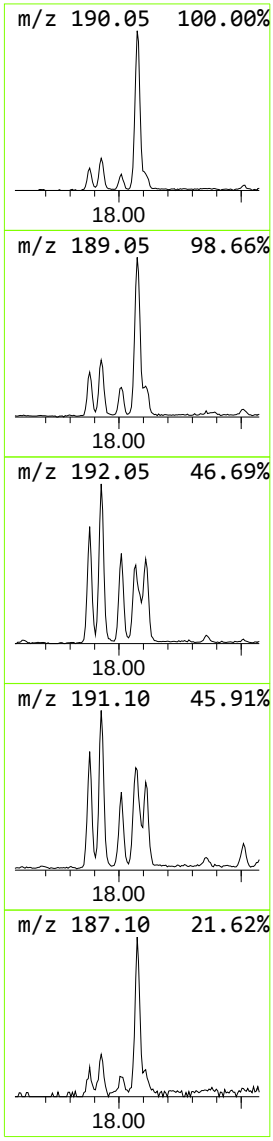
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	4.25 ng	265846	Phenanthrene-d10	17.003

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029684.D
Acq On : 27 Apr 2021 21:29
Operator : CG/JU
Sample : M2187-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

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

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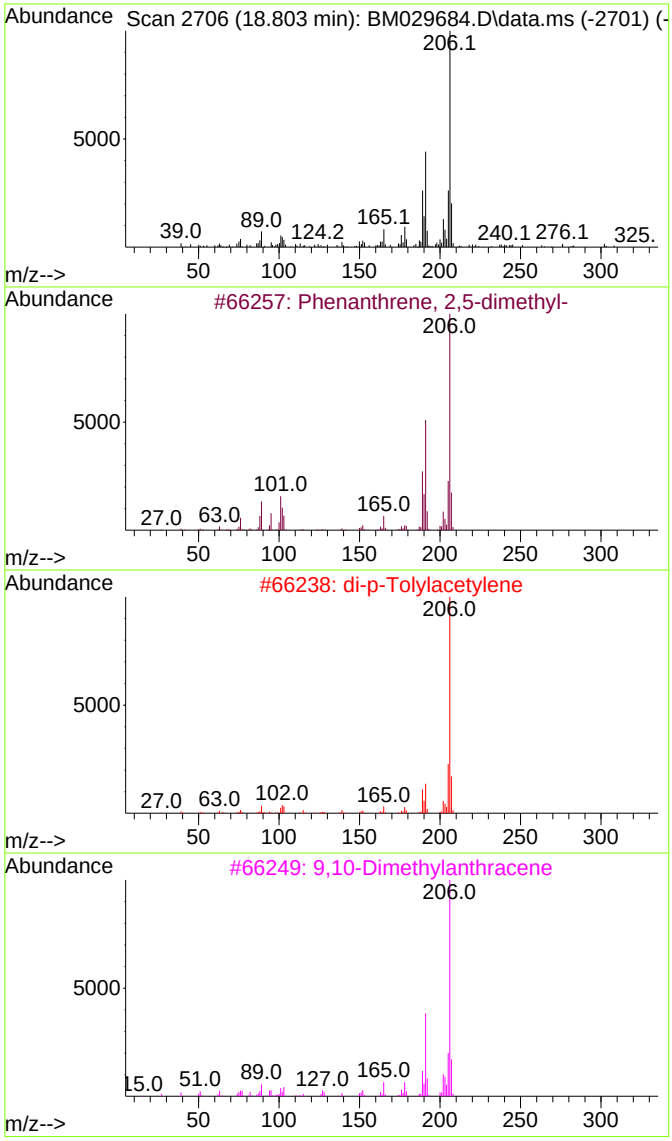
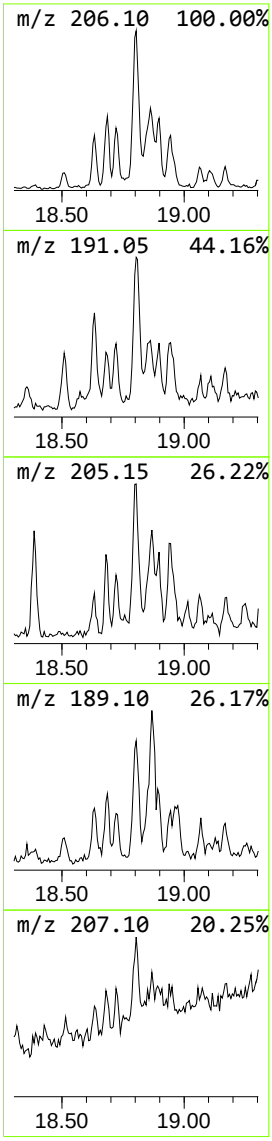
Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.803	2.13 ng	133591	Phenanthrene-d10	17.003

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029684.D
Acq On : 27 Apr 2021 21:29
Operator : CG/JU
Sample : M2187-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

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

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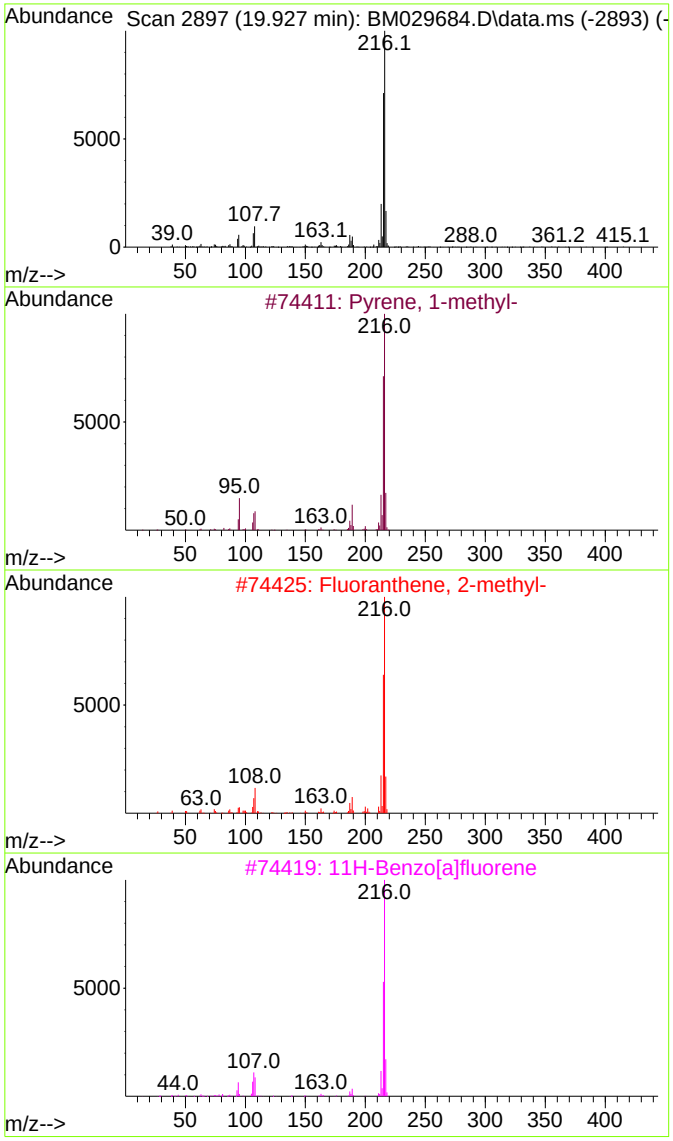
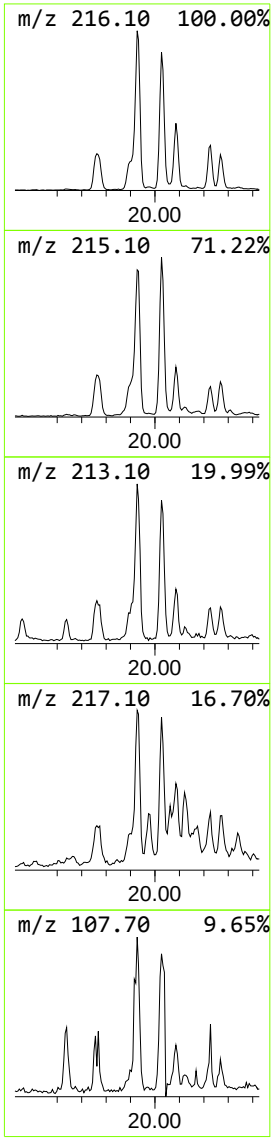
Peak Number 4 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	2.89 ng	460802	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-I

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

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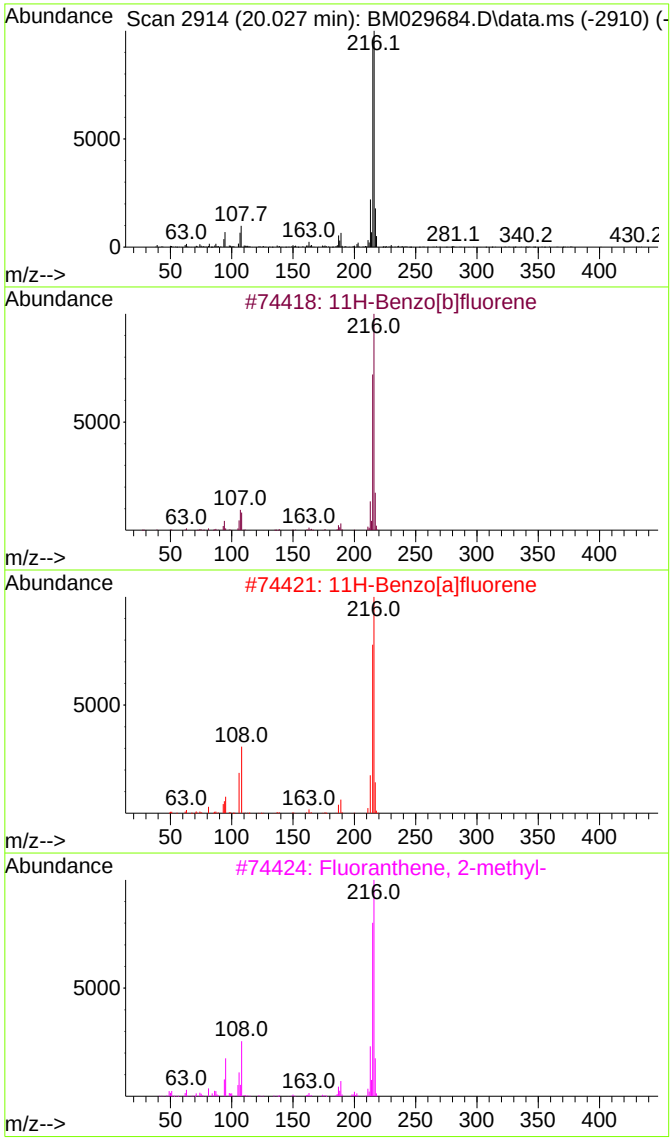
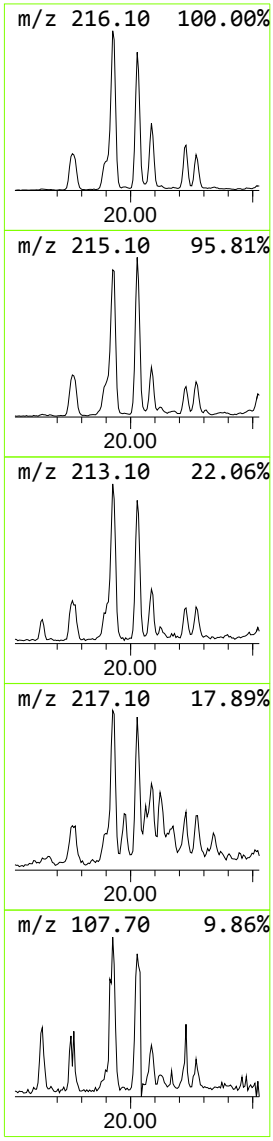
Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.027	2.66 ng	424053	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Instrument :
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ClientSampleId :
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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

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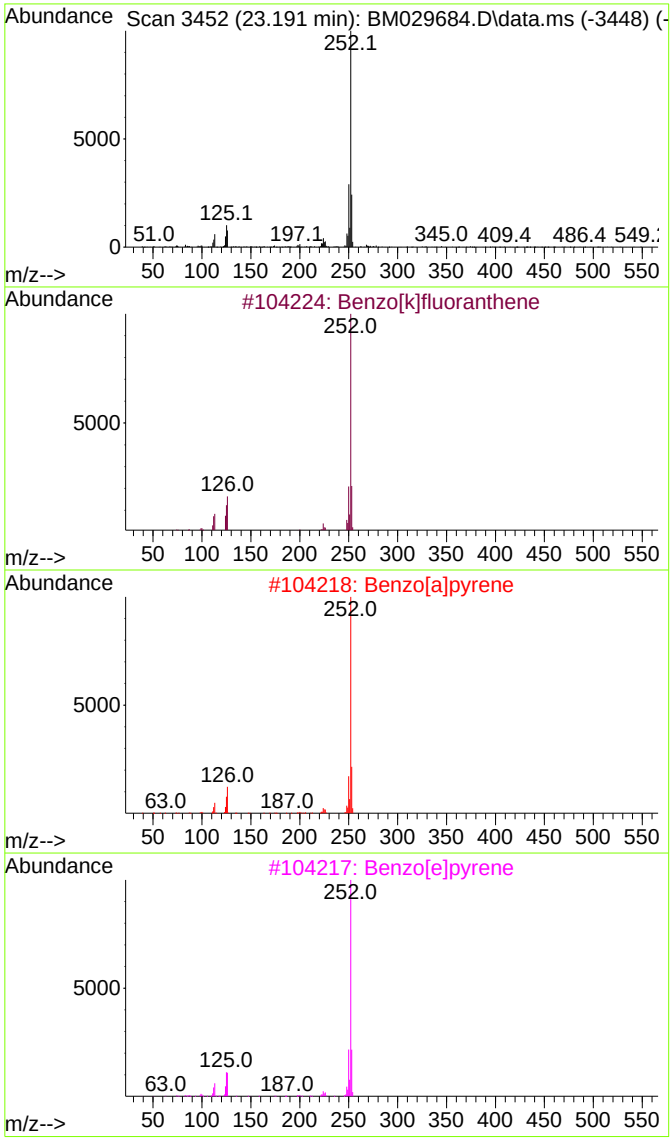
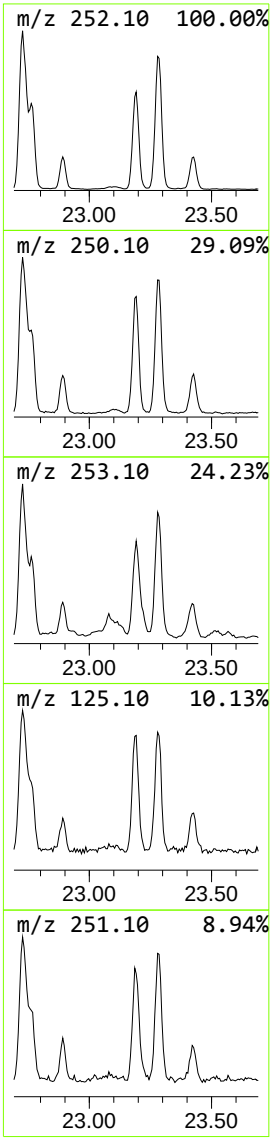
Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.191	10.61 ng	769034	Perylene-d12	23.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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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, 1...	17.927	3.4	ng	211581	4	17.003	1251580	20.0
4H-Cyclopenta[d...	18.074	4.3	ng	265846	4	17.003	1251580	20.0
Phenanthrene, 2...	18.803	2.1	ng	133591	4	17.003	1251580	20.0
Pyrene, 1-methyl-	19.927	2.9	ng	460802	5	21.192	3188820	20.0
11H-Benzo[b]flu...	20.027	2.7	ng	424053	5	21.192	3188820	20.0
Benzo[e]pyrene	23.191	10.6	ng	769034	6	23.380	1449380	20.0