LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003579.D
Acq On : 08 Oct 2020 19:31
Operator : CG/JU
Sample : L4291-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B4-100620-0-10

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003579.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	370	376	396	rBV	528226	855564	36.46%	4.063%
2	6.693	641	647	675	rBV	449831	836502	35.65%	3.972%
3	7.481	774	781	789	rBV	181101	289083	12.32%	1.373%
4	8.634	970	977	1000	rBV	331300	628532	26.78%	2.985%
5	10.257	1244	1253	1272	rBV	212181	401661	17.12%	1.907%
6	12.751	1670	1677	1695	rBV	986877	1511165	64.40%	7.176%
7	13.610	1817	1823	1834	rBV	77858	125225	5.34%	0.595%
8	14.140	1907	1913	1920	rBV	332062	505945	21.56%	2.403%
9	14.204	1920	1924	1930	rVB	20893	30689	1.31%	0.146%
10	15.204	2085	2094	2099	rBV4	15786	35328	1.51%	0.168%
11	15.645	2163	2169	2182	rBV	671484	1061938	45.25%	5.043%
12	15.892	2207	2211	2219	rVB4	13858	24837	1.06%	0.118%
13	16.645	2334	2339	2343	rBV5	11601	24504	1.04%	0.116%
14	16.722	2349	2352	2360	rVB	14423	28227	1.20%	0.134%
15	16.898	2376	2382	2386	rBV	440242	615761	26.24%	2.924%
16	16.939	2386	2389	2396	rVB	287169	403976	17.22%	1.918%
17	17.034	2401	2405	2412	rVB	69751	104633	4.46%	0.497%
18	17.322	2447	2454	2457	rBV2	23348	46555	1.98%	0.221%
19	17.781	2527	2532	2536	rBV	53754	72639	3.10%	0.345%
20	17.828	2536	2540	2546	rVV	71332	98680	4.21%	0.469%
21	17.910	2551	2554	2559	rVV	33137	47406	2.02%	0.225%
22	17.969	2559	2564	2568	rVV2	85893	153139	6.53%	0.727%
23	18.004	2568	2570	2579	rVB	45469	57992	2.47%	0.275%
24	18.269	2612	2615	2619	rBV	41184	45631	1.94%	0.217%
25	18.322	2621	2624	2630	rVB	23460	31804	1.36%	0.151%
26	18.557	2661	2664	2668	rVB2	24346	32506	1.39%	0.154%
27	18.681	2681	2685	2688	rBV	40162	57731	2.46%	0.274%
28	18.822	2706	2709	2713	rVB3	27451	35957	1.53%	0.171%
29	18.933	2723	2728	2733	rBV	785147	982622	41.87%	4.666%
30	19.280	2779	2787	2797	rBV	728053	1163810	49.60%	5.527%
31	19.363	2798	2801	2807	rVB2	39374	61876	2.64%	0.294%
32	19.486	2817	2822	2827	rVV	2108864	2346603	100.00%	11.143%
33	19.533	2827	2830	2836	rVB	49919	68411	2.92%	0.325%
34	19.610	2839	2843	2850	rVB2	37736	77864	3.32%	0.370%
35	19.739	2862	2865	2867	rBV5	38713	54452	2.32%	0.259%
36	19.775	2868	2871	2875	rVB	94468	115758	4.93%	0.550%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B4-100620-0-10

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.869	2884	2887	2891	rBV	55890	64938	2.77%	0.308%
38	19.928	2894	2897	2901	rVB2	68263	93241	3.97%	0.443%
39	20.063	2917	2920	2923	rBV	56213	60150	2.56%	0.286%
40	20.169	2935	2938	2941	rVB	129999	127402	5.43%	0.605%
41	20.510	2993	2996	3002	rBV	77675	94346	4.02%	0.448%
42	20.663	3020	3022	3025	rBV	58058	69739	2.97%	0.331%
43	20.733	3031	3034	3041	rBV4	214648	339644	14.47%	1.613%
44	21.010	3075	3081	3084	rBV2	822216	1480340	63.08%	7.030%
45	21.045	3084	3087	3091	rVB	467070	542223	23.11%	2.575%
46	21.163	3104	3107	3111	rBV2	96267	119530	5.09%	0.568%
47	22.533	3334	3340	3344	rBV	559160	1175170	50.08%	5.580%
48	22.992	3413	3418	3426	rVB	360923	648624	27.64%	3.080%
49	23.080	3428	3433	3441	rVB	555510	987109	42.07%	4.687%
50	23.174	3444	3449	3454	rBV2	445910	780138	33.25%	3.705%
51	25.368	3817	3822	3835	rVB	327060	828312	35.30%	3.933%
52	26.039	3932	3936	3949	rVB	235373	612643	26.11%	2.909%

Sum of corrected areas: 21058555

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Misc :
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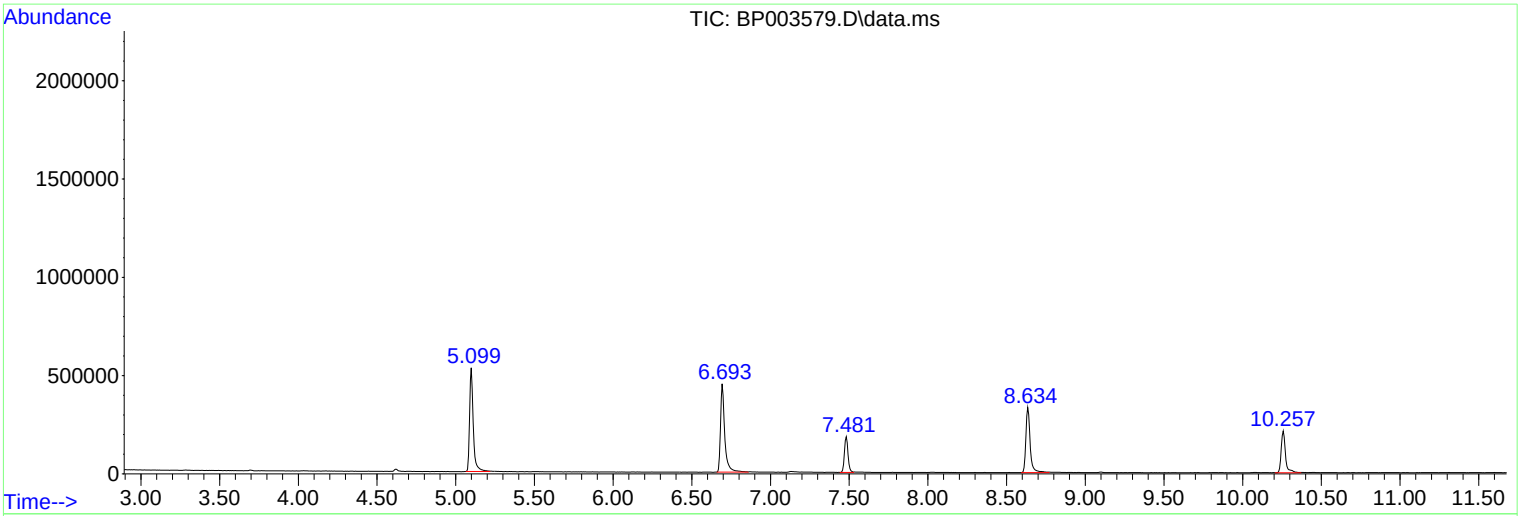
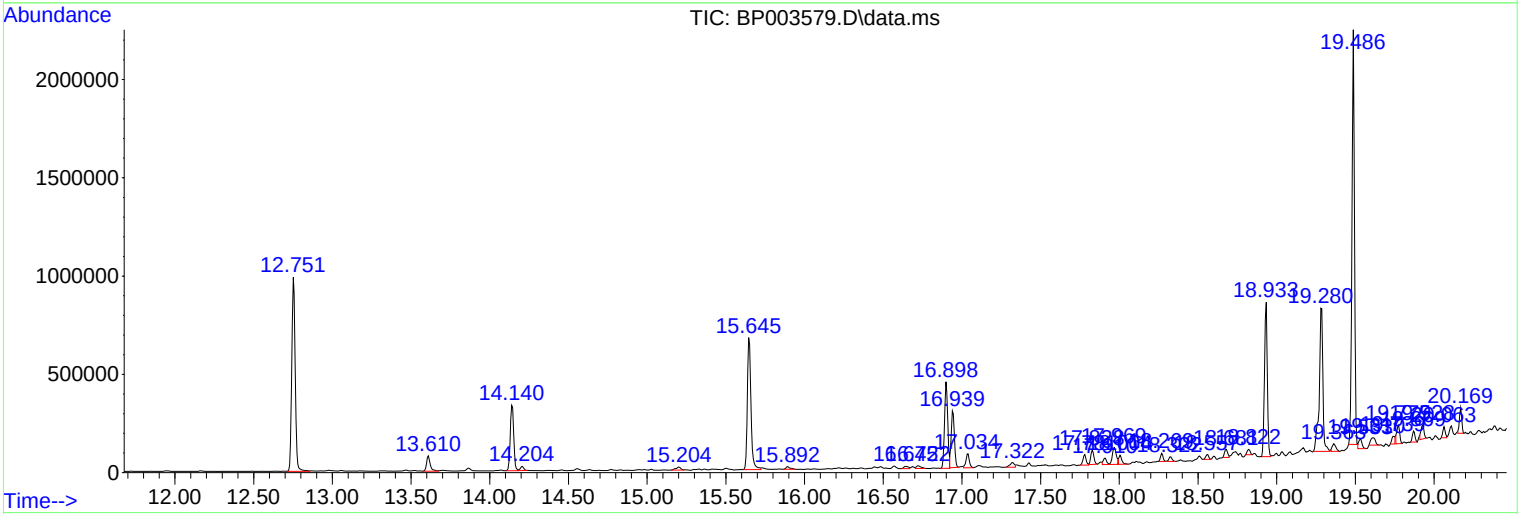
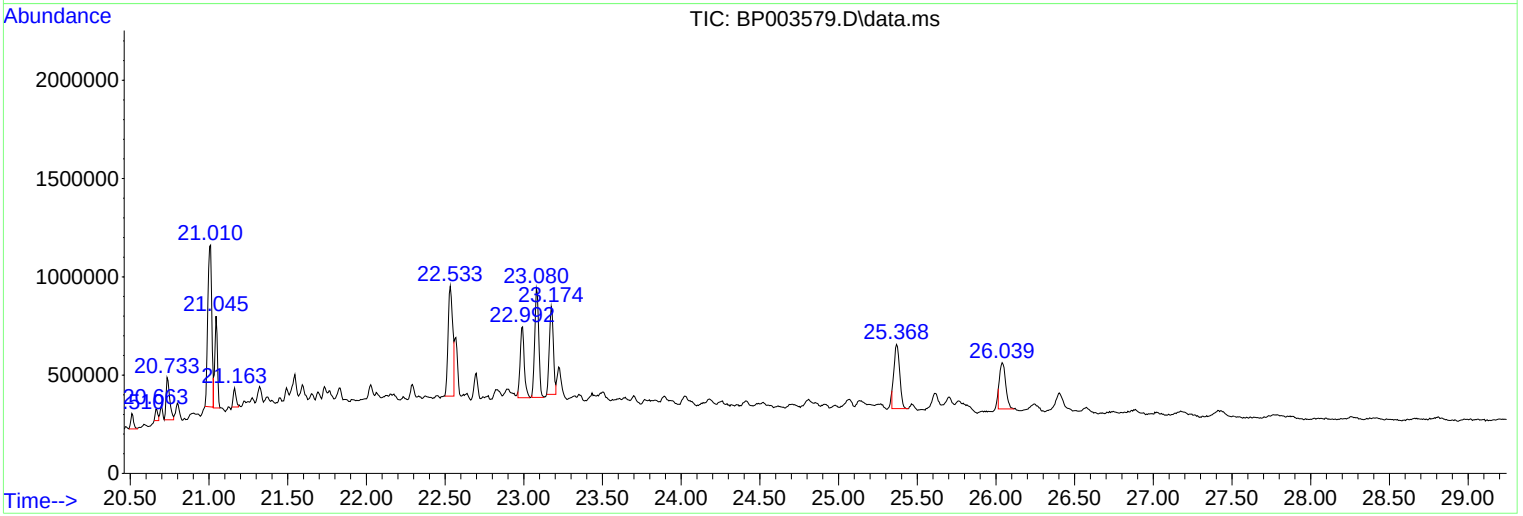
Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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\BP100820\
Data File : BP003579.D
Acq On : 08 Oct 2020 19:31
Operator : CG/JU
Sample : L4291-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B4-100620-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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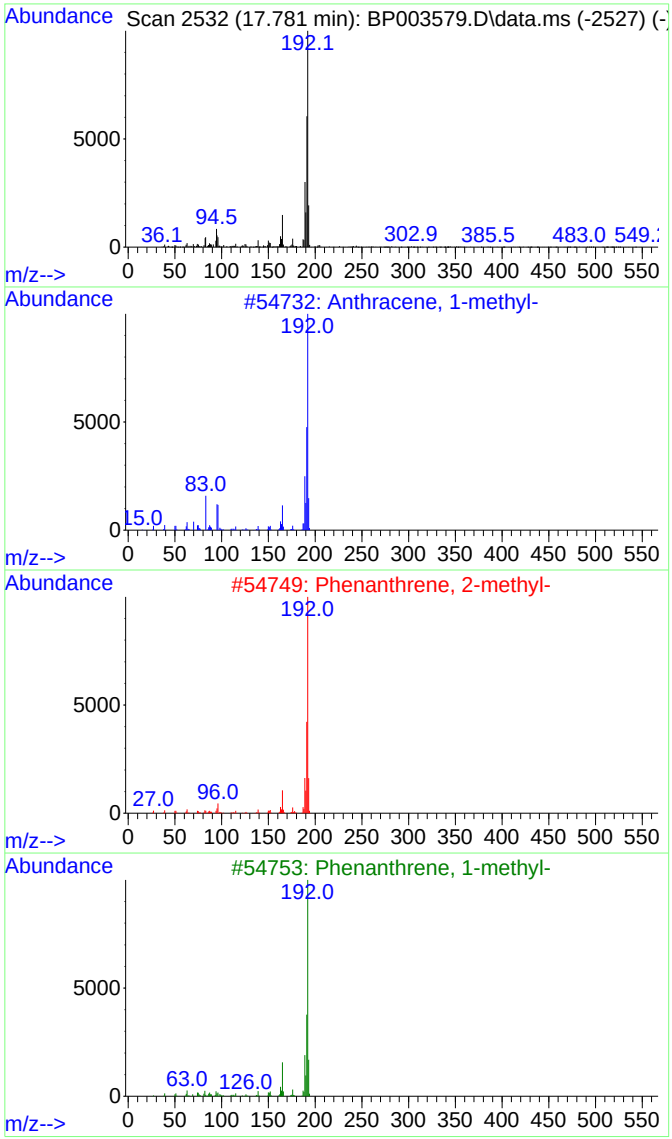
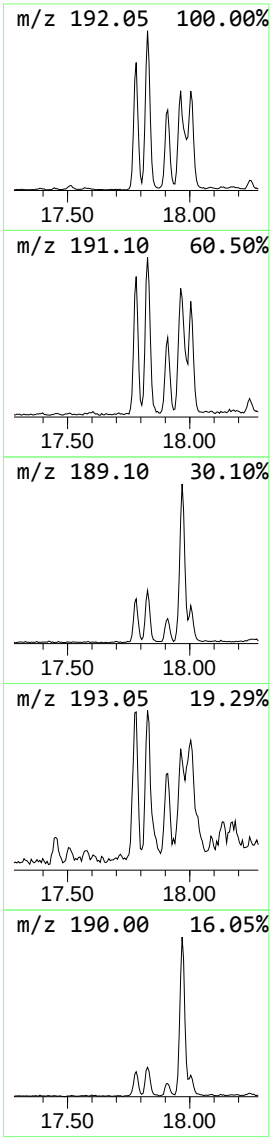
Peak Number 1 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.781	2.36 ng	72639	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003579.D
Acq On : 08 Oct 2020 19:31
Operator : CG/JU
Sample : L4291-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B4-100620-0-10

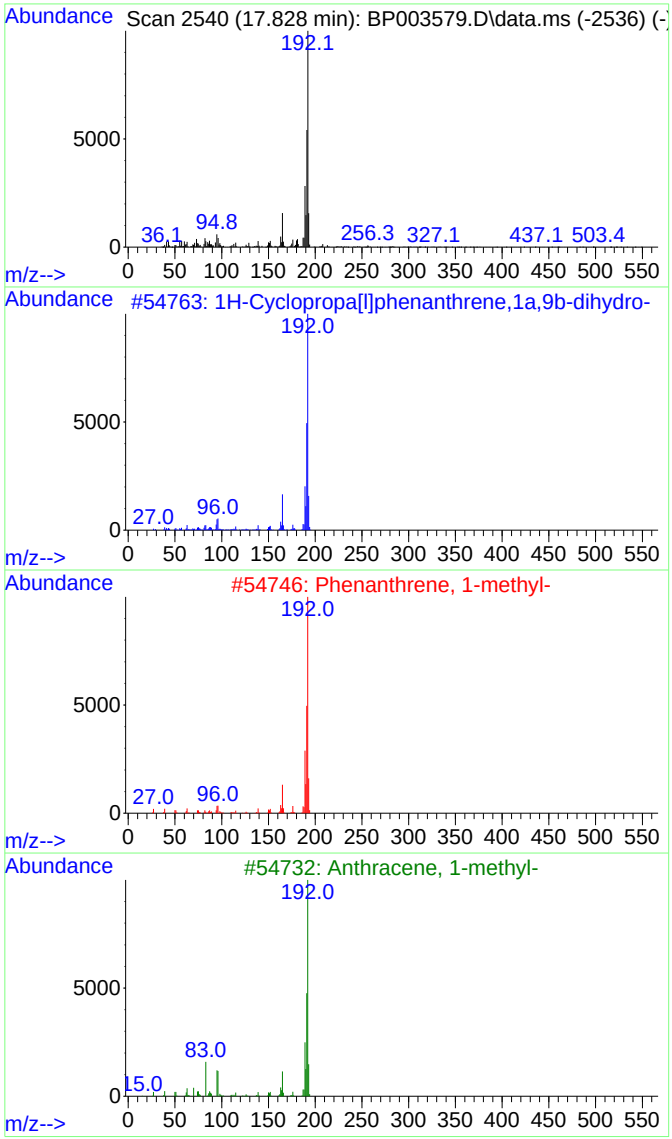
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

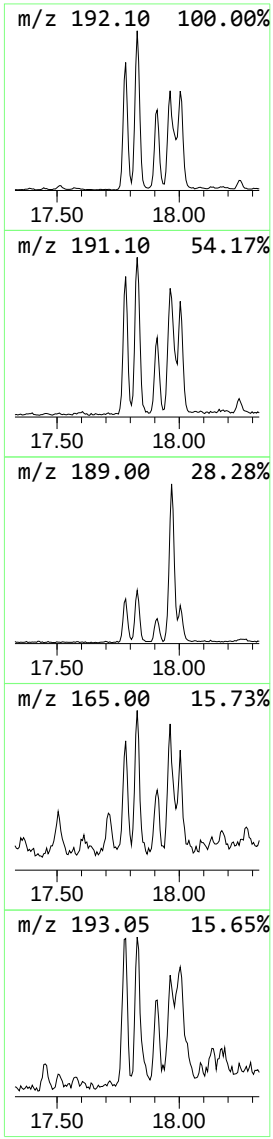
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.828	3.21 ng	98680	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003579.D
Acq On : 08 Oct 2020 19:31
Operator : CG/JU
Sample : L4291-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B4-100620-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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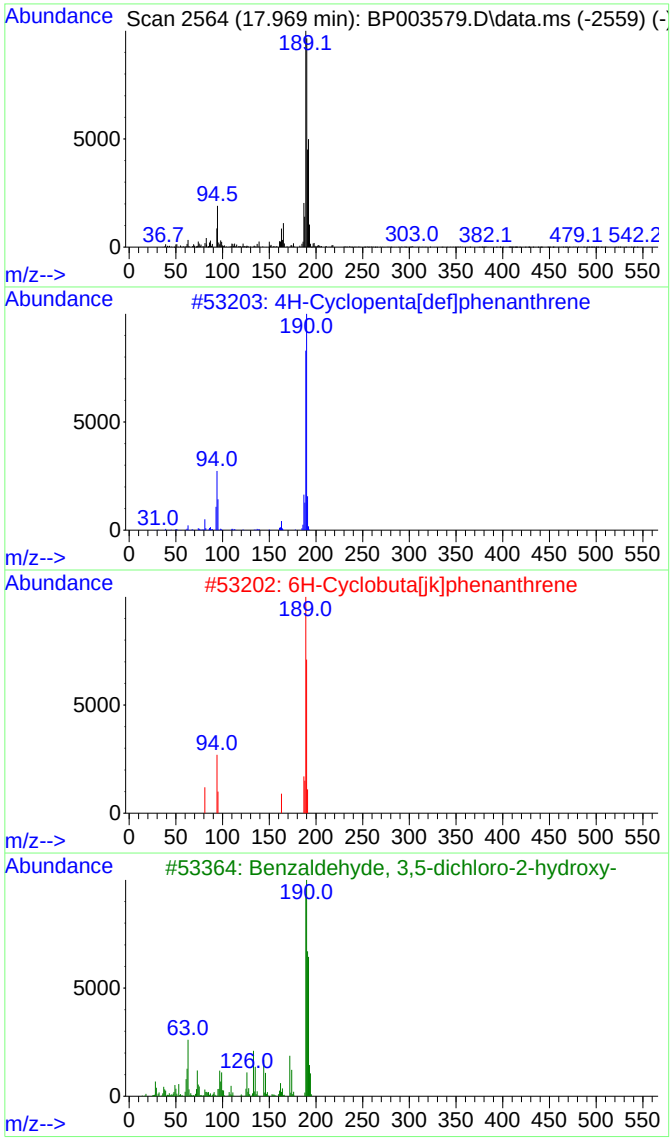
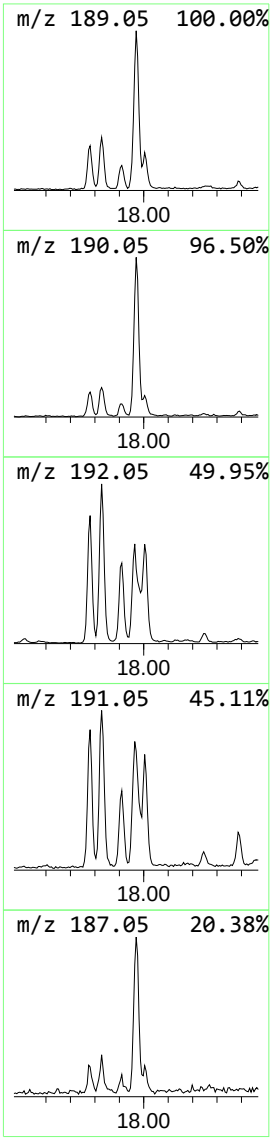
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	4.97 ng	153139	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003579.D
Acq On : 08 Oct 2020 19:31
Operator : CG/JU
Sample : L4291-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B4-100620-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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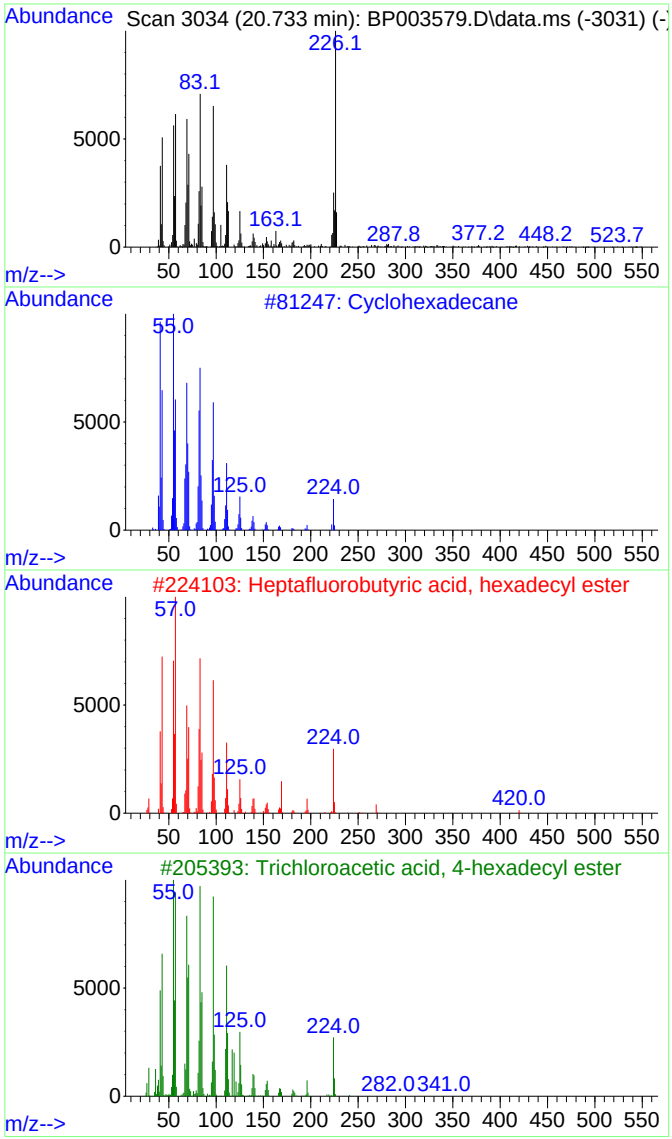
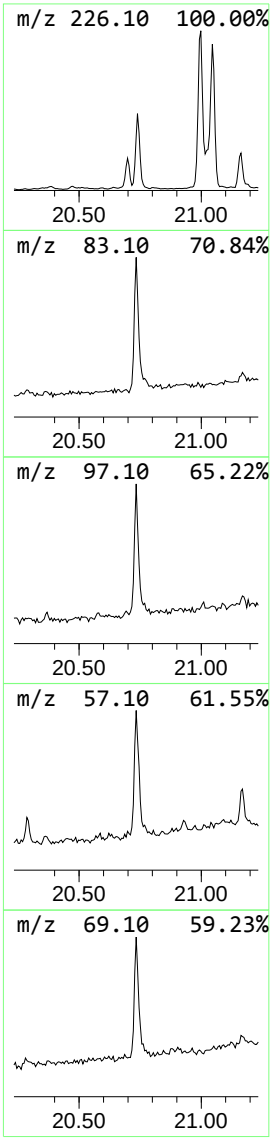
Peak Number 4 unknown20.733 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.733	4.59 ng	339644	Chrysene-d12	21.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	49
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	49
3	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	49
4	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	43
5	Heptadecafluorononanoic acid, he...	688	C25H33F17O2	1000356-03-2	38





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Data File : BP003579.D
Acq On : 08 Oct 2020 19:31
Operator : CG/JU
Sample : L4291-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B4-100620-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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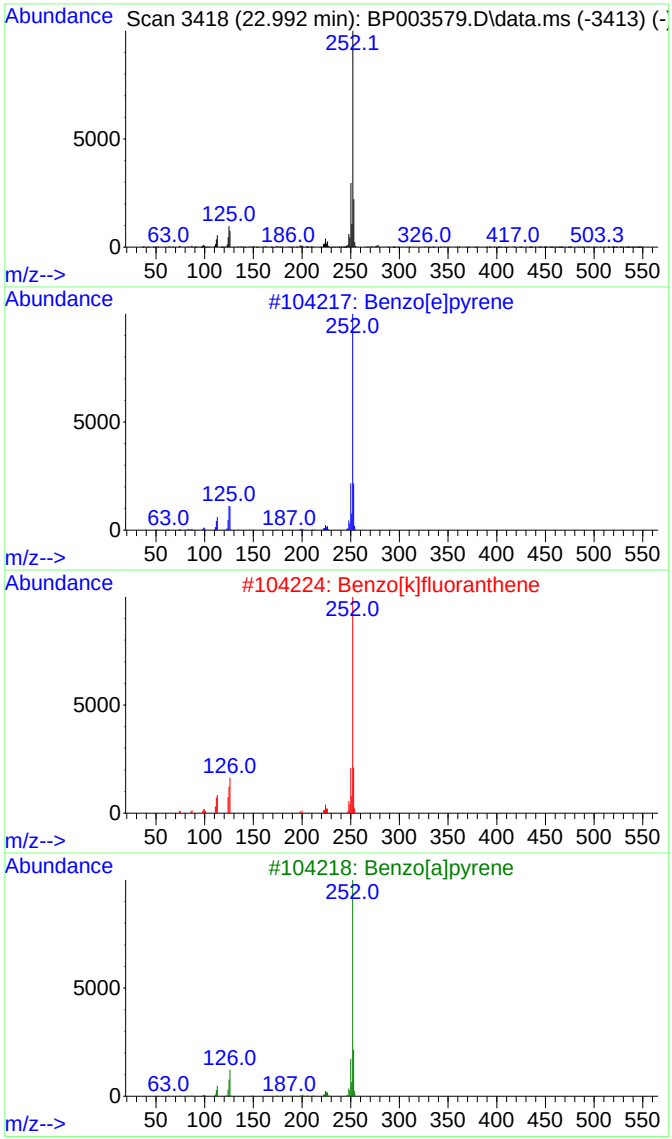
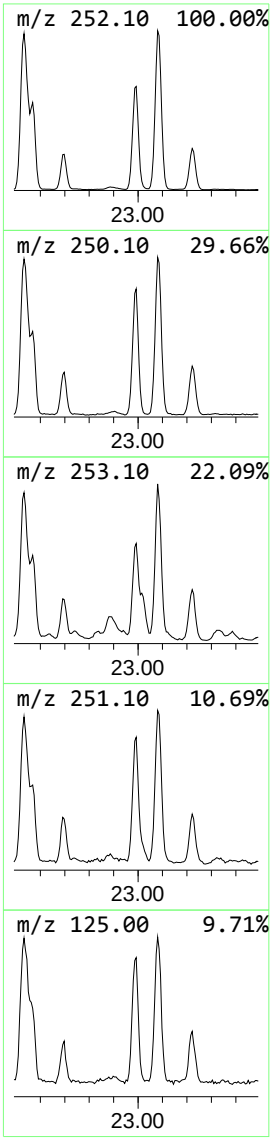
Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.992	16.63 ng	648624	Perylene-d12	23.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003579.D
Acq On : 08 Oct 2020 19:31
Operator : CG/JU
Sample : L4291-03
Misc :
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Instrument : BNA_P
ClientSampleId : PAV-B4-100620-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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
Anthracene, 1-m...	17.781	2.4	ng	72639	4	16.898	615761	20.0
1H-Cyclopropa[l...	17.828	3.2	ng	98680	4	16.898	615761	20.0
4H-Cyclopenta[d...	17.969	5.0	ng	153139	4	16.898	615761	20.0
unknown20.733	20.733	4.6	ng	339644	5	21.010	1480340	20.0
Benzo[e]pyrene	22.992	16.6	ng	648624	6	23.174	780138	20.0