LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-062321

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006066.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	401	408	427	rBV	1117616	1652656	28.64%	2.551%
2	7.093	674	681	700	rBV	981082	1617011	28.02%	2.496%
3	7.910	811	820	829	rBV	276043	432498	7.50%	0.668%
4	9.081	1011	1019	1033	rBV	589627	1038190	17.99%	1.603%
5	10.498	1253	1260	1281	rBV	186759	374627	6.49%	0.578%
6	10.716	1287	1297	1302	rBV	319813	555263	9.62%	0.857%
7	10.763	1302	1305	1314	rVB	36123	59779	1.04%	0.092%
8	13.169	1707	1714	1726	rBV	1645413	2402202	41.63%	3.708%
9	13.863	1826	1832	1837	rBV	37594	65081	1.13%	0.100%
10	14.263	1895	1900	1910	rBV	143331	247610	4.29%	0.382%
11	14.539	1937	1947	1953	rBV	496996	755055	13.08%	1.165%
12	14.604	1953	1958	1967	rVB	132762	204084	3.54%	0.315%
13	14.939	2009	2015	2022	rBV	90654	139599	2.42%	0.215%
14	15.586	2120	2125	2137	rVB	209429	331264	5.74%	0.511%
15	15.881	2171	2175	2181	rVB	47427	67617	1.17%	0.104%
16	16.033	2190	2201	2209	rBV	1496628	2263223	39.22%	3.493%
17	16.269	2233	2241	2245	rBV5	43311	92197	1.60%	0.142%
18	16.592	2288	2296	2301	rBV2	55084	107414	1.86%	0.166%
19	16.945	2352	2356	2364	rVB2	54943	87051	1.51%	0.134%
20	17.016	2364	2368	2375	rBV2	33481	75506	1.31%	0.117%
21	17.104	2379	2383	2396	rVB	93547	150997	2.62%	0.233%
22	17.286	2409	2414	2417	rBV	610375	862848	14.95%	1.332%
23	17.333	2417	2422	2429	rVV	1666294	2454990	42.54%	3.789%
24	17.422	2432	2437	2443	rVV	645184	847888	14.69%	1.309%
25	17.486	2443	2448	2454	rVV4	37611	73375	1.27%	0.113%
26	17.692	2479	2483	2492	rVB	103368	170635	2.96%	0.263%
27	17.804	2499	2502	2509	rVB2	50129	59758	1.04%	0.092%
28	17.869	2509	2513	2520	rVB3	46103	81178	1.41%	0.125%
29	18.151	2557	2561	2565	rBV	227503	326033	5.65%	0.503%
30	18.198	2565	2569	2575	rVB	339416	465114	8.06%	0.718%
31	18.280	2578	2583	2587	rBV	178081	247493	4.29%	0.382%
32	18.339	2588	2593	2597	rVV2	525385	860615	14.91%	1.328%
33	18.375	2597	2599	2605	rVB	174842	205337	3.56%	0.317%
34	18.633	2639	2643	2647	rVB	202820	246562	4.27%	0.381%
35	18.680	2647	2651	2658	rVB2	109237	142178	2.46%	0.219%
36	18.922	2689	2692	2694	rVV	60408	59475	1.03%	0.092%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-062321

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.033	2707	2711	2716	rBV	155210	279517	4.84%	0.431%
38	19.180	2731	2736	2744	rBV2	172527	320095	5.55%	0.494%
39	19.298	2750	2756	2761	rBV	4311712	5770408	100.00%	8.907%
40	19.386	2768	2771	2775	rBV	100103	121815	2.11%	0.188%
41	19.439	2777	2780	2783	rVB	95812	107421	1.86%	0.166%
42	19.527	2792	2795	2798	rBV	93717	112317	1.95%	0.173%
43	19.616	2805	2810	2811	rBV	698624	878852	15.23%	1.357%
44	19.651	2811	2816	2823	rVV	3618926	5199858	90.11%	8.026%
45	19.710	2823	2826	2833	rVB2	187684	284235	4.93%	0.439%
46	19.833	2840	2847	2852	rBV	3100949	4150782	71.93%	6.407%
47	19.880	2852	2855	2860	rVB	143887	200420	3.47%	0.309%
48	19.951	2863	2867	2868	rBV	243112	296854	5.14%	0.458%
49	20.092	2886	2891	2892	rBV3	191271	300000	5.20%	0.463%
50	20.121	2893	2896	2901	rVB	667826	923908	16.01%	1.426%
51	20.221	2909	2913	2917	rBV	586098	750232	13.00%	1.158%
52	20.280	2920	2923	2927	rVB	318555	404007	7.00%	0.624%
53	20.416	2943	2946	2949	rBV2	185259	229964	3.99%	0.355%
54	20.457	2950	2953	2957	rVV	195956	237463	4.12%	0.367%
55	20.857	3018	3021	3027	rVB	247520	319972	5.55%	0.494%
56	21.016	3044	3048	3051	rBV2	350313	484793	8.40%	0.748%
57	21.051	3051	3054	3058	rVV2	430561	549697	9.53%	0.848%
58	21.092	3058	3061	3065	rVV2	324473	466711	8.09%	0.720%
59	21.351	3100	3105	3110	rBV2	2770377	4729349	81.96%	7.300%
60	21.404	3110	3114	3123	rVB	2130807	2954331	51.20%	4.560%
61	21.521	3131	3134	3140	rBV	474329	606200	10.51%	0.936%
62	23.039	3386	3392	3397	rBV	1730748	4177409	72.39%	6.448%
63	23.221	3419	3423	3430	rVB	479940	790174	13.69%	1.220%
64	23.562	3476	3481	3490	rVB	1122517	2280279	39.52%	3.520%
65	23.668	3493	3499	3506	rVB	1766103	3479568	60.30%	5.371%
66	23.774	3512	3517	3521	rBV2	524490	979826	16.98%	1.512%
67	26.309	3942	3948	3959	rVB	888966	2576017	44.64%	3.976%

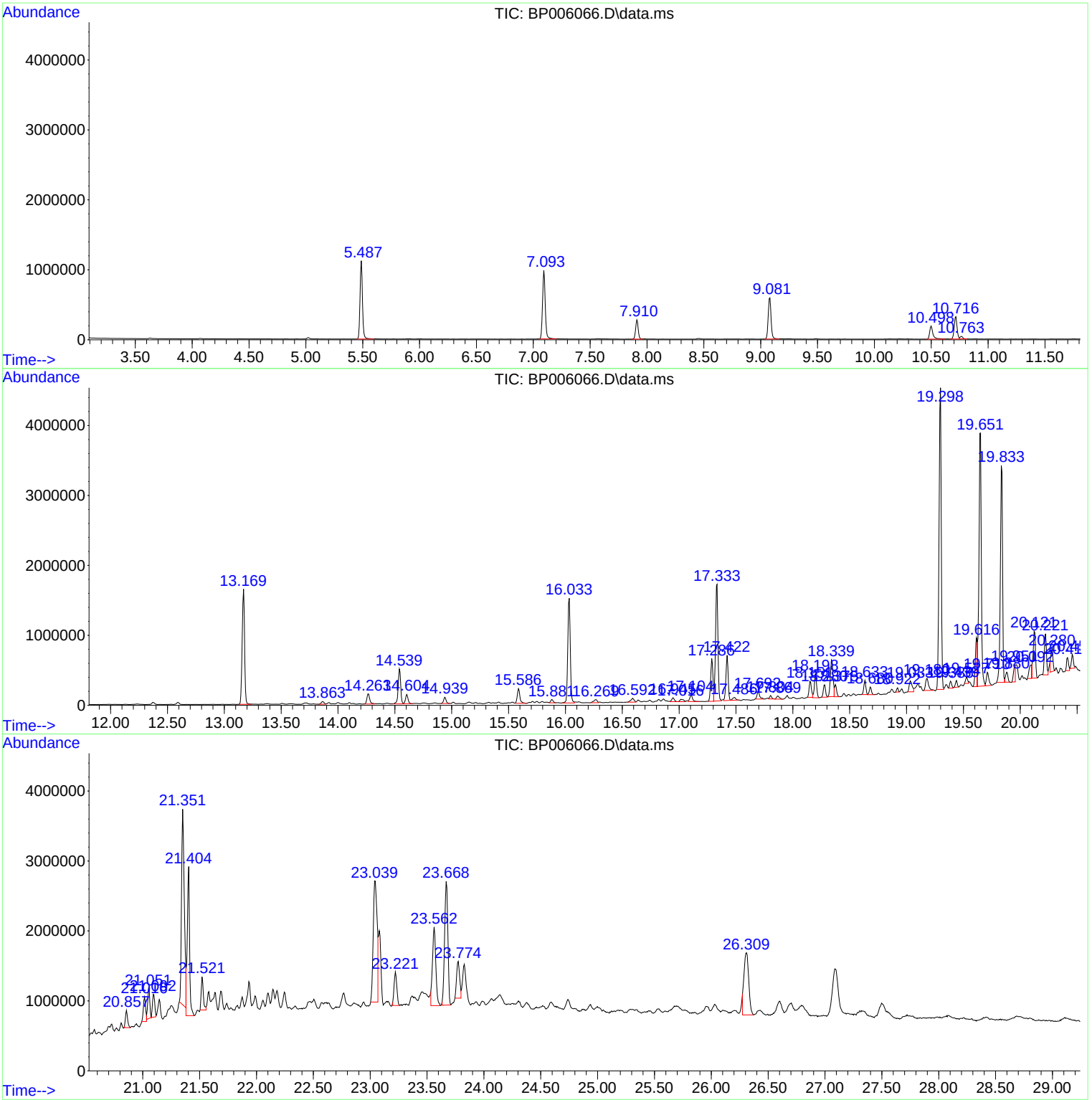
Sum of corrected areas: 64784877

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

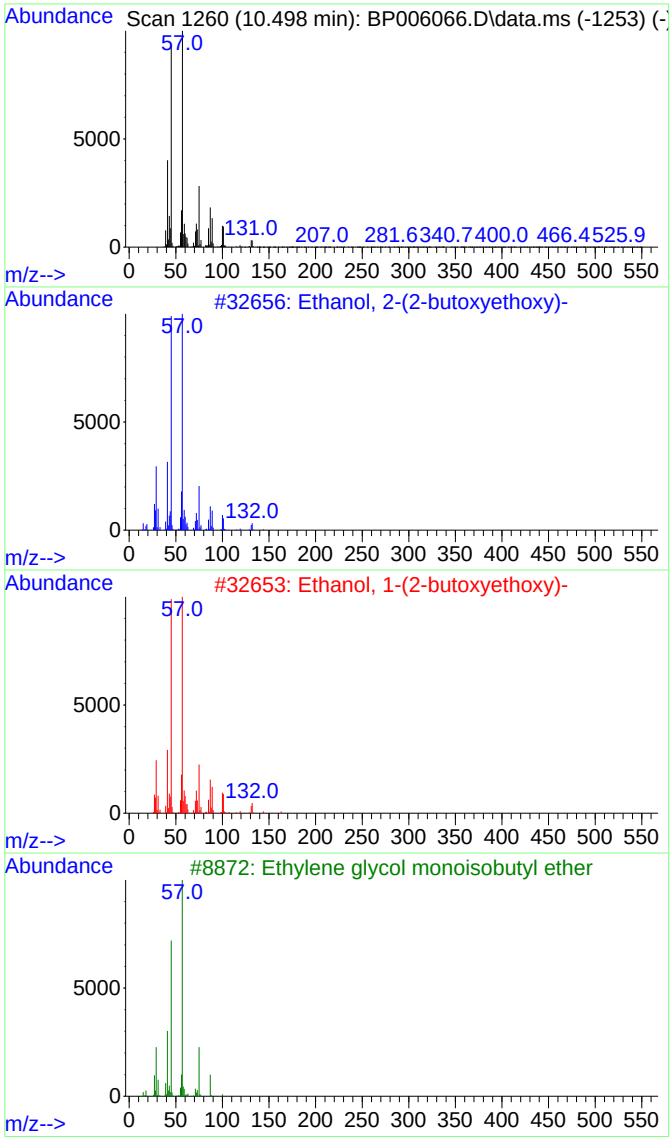
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

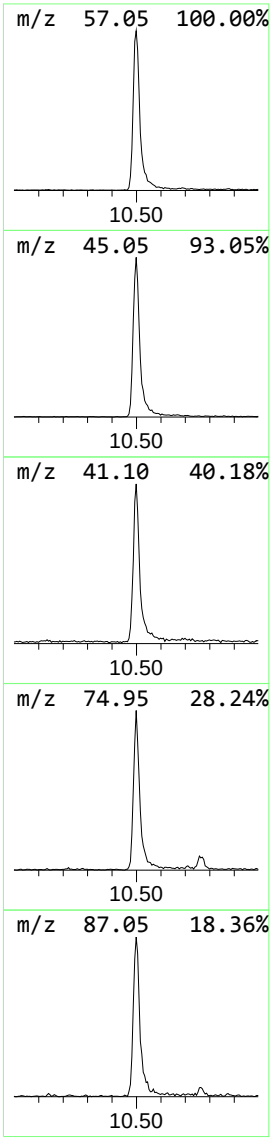
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.499	13.49 ng	374627	Naphthalene-d8	10.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	50
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

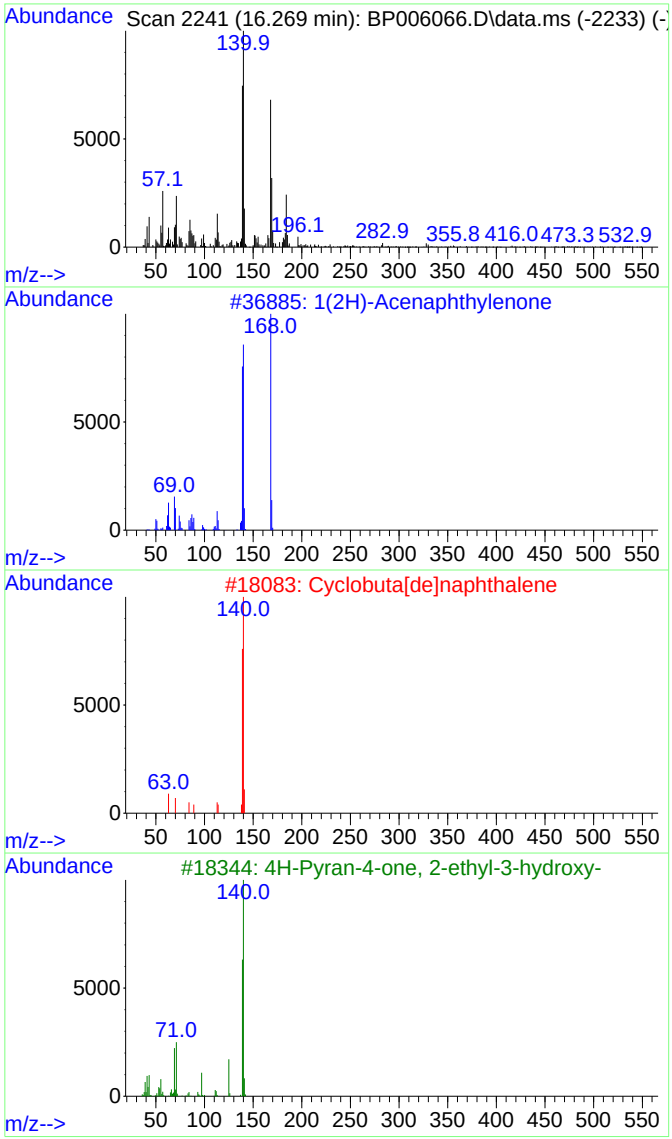
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

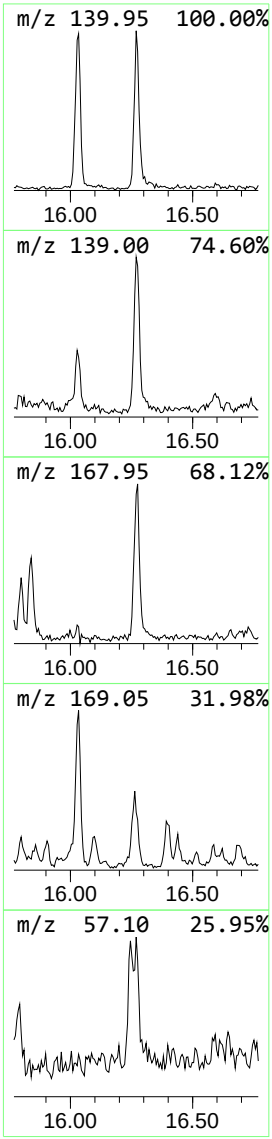
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1(2H)-Acenaphthylenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	2.14 ng	92197	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	58
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	52
3	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	49
4	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	47
5	Titanium, butadiene-crotyl-cyclo...	222	C13H18Ti	056931-13-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

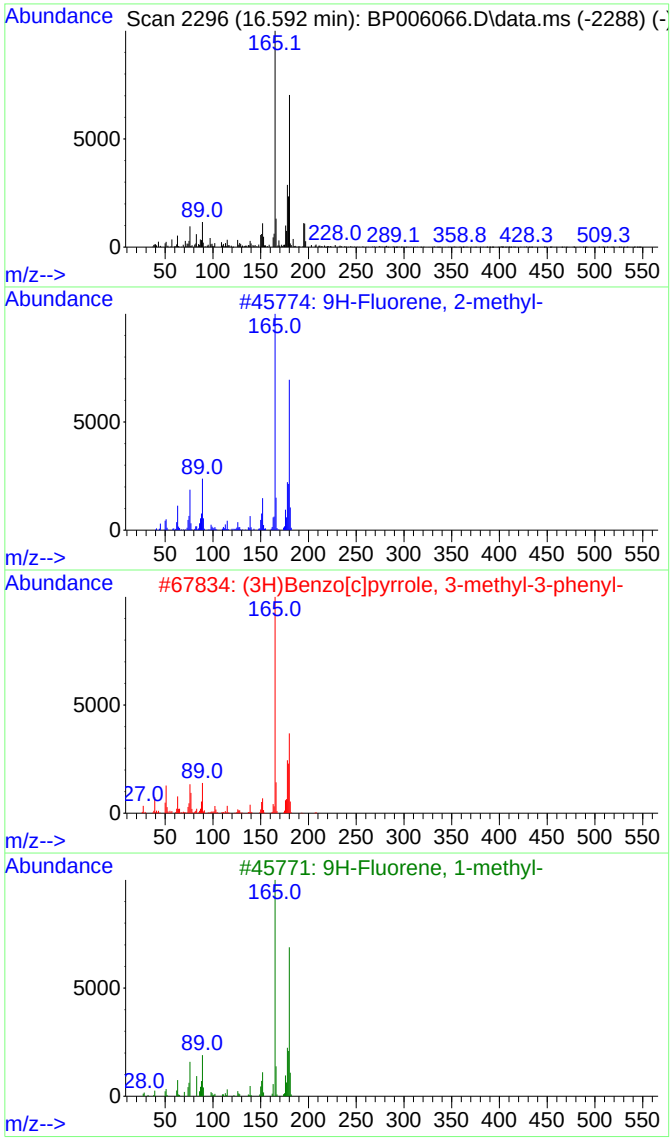
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

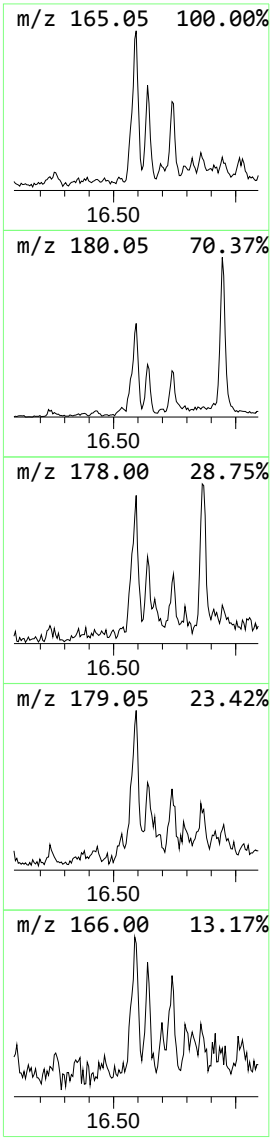
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.592	2.49 ng	107414	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	80
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

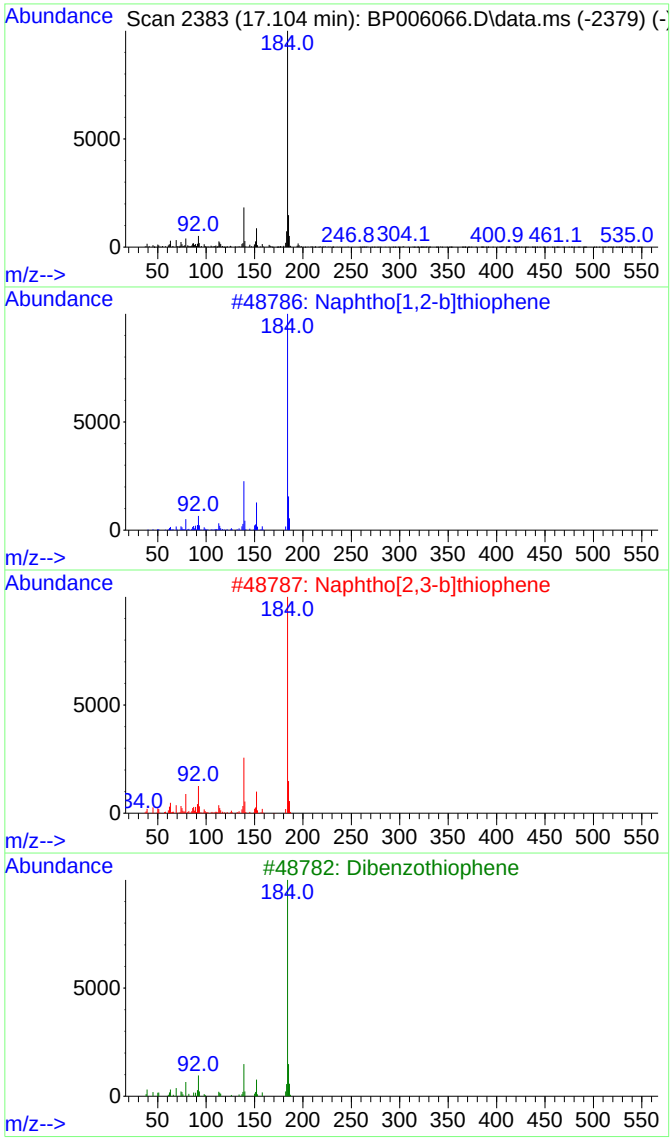
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

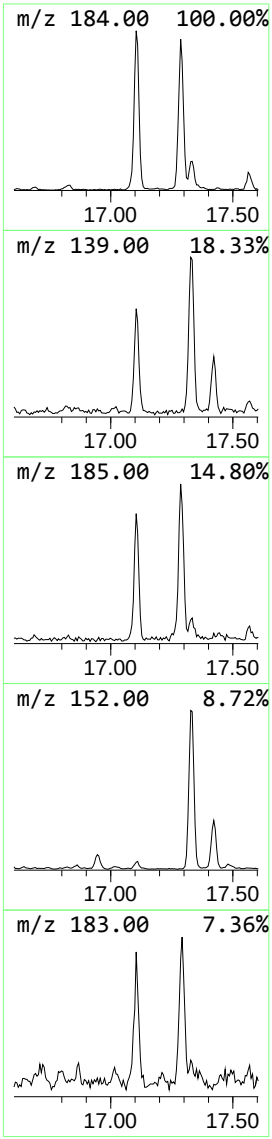
****

Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	3.50 ng	150997	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

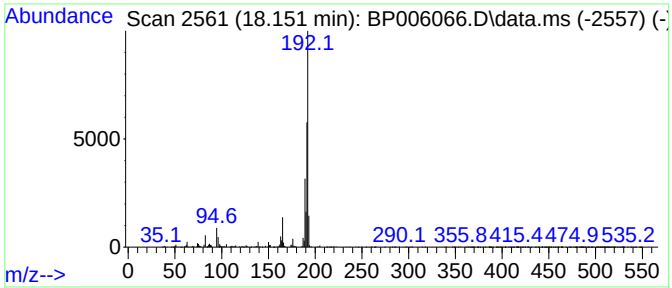
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

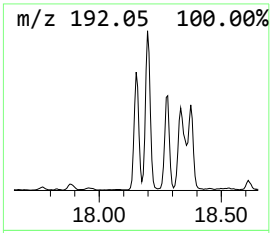
****

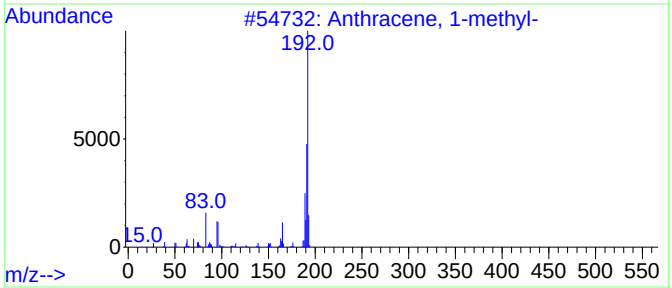
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 6

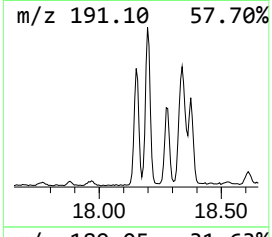
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	7.56 ng	326033	Phenanthrene-d10	17.286

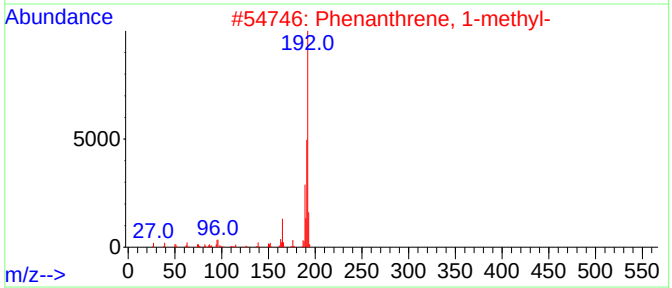
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93

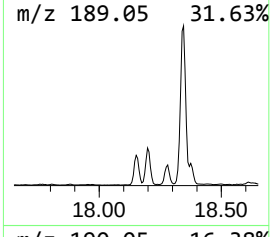


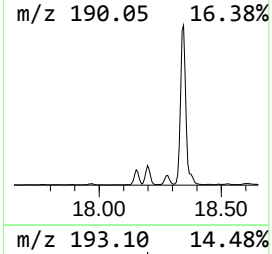


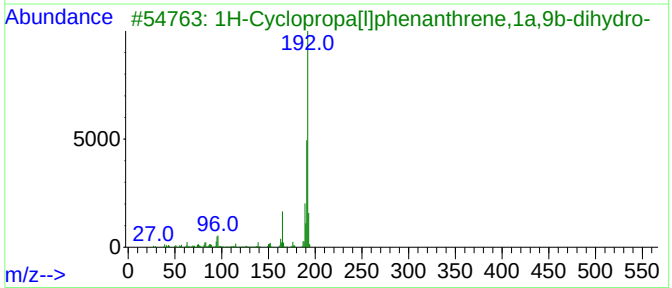


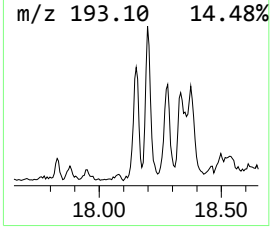












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

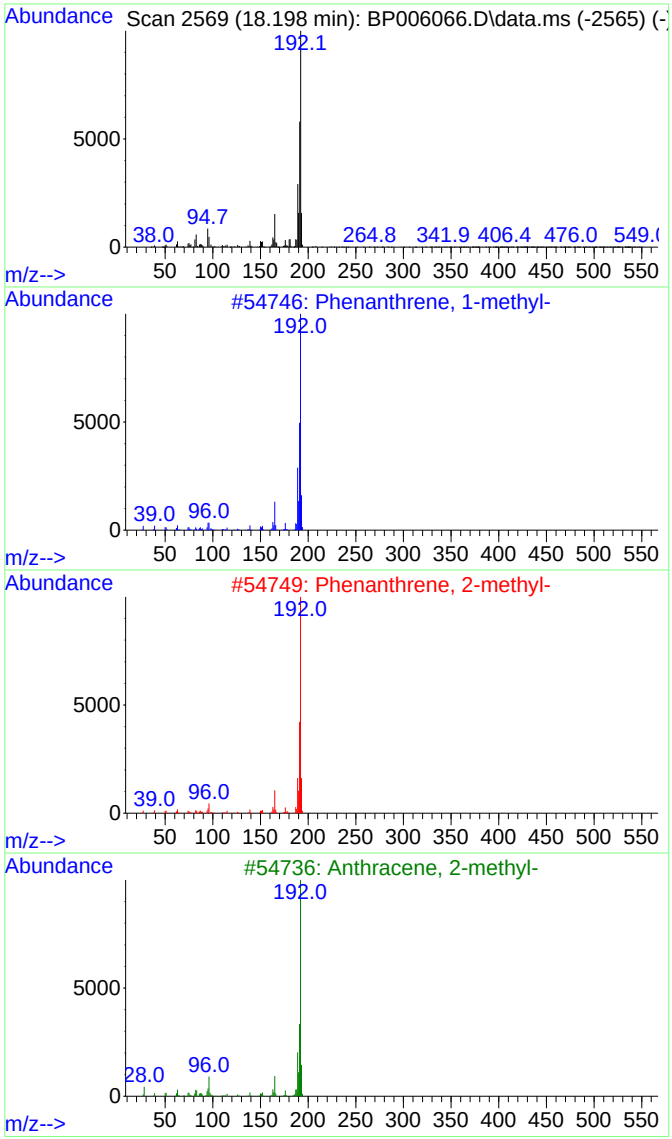
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

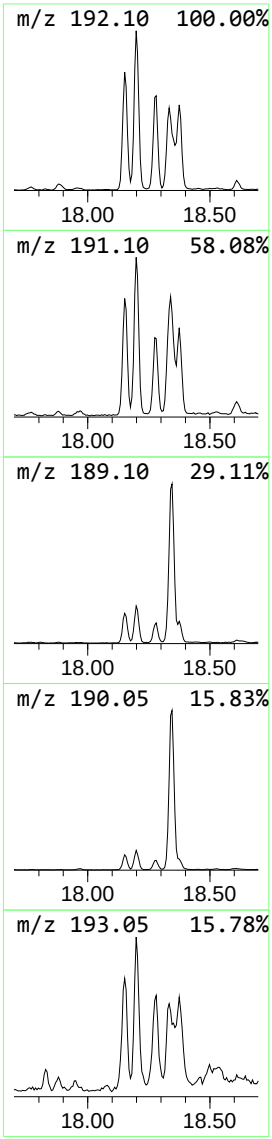
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	10.78 ng	465114	Phenanthrene-d10	17.286

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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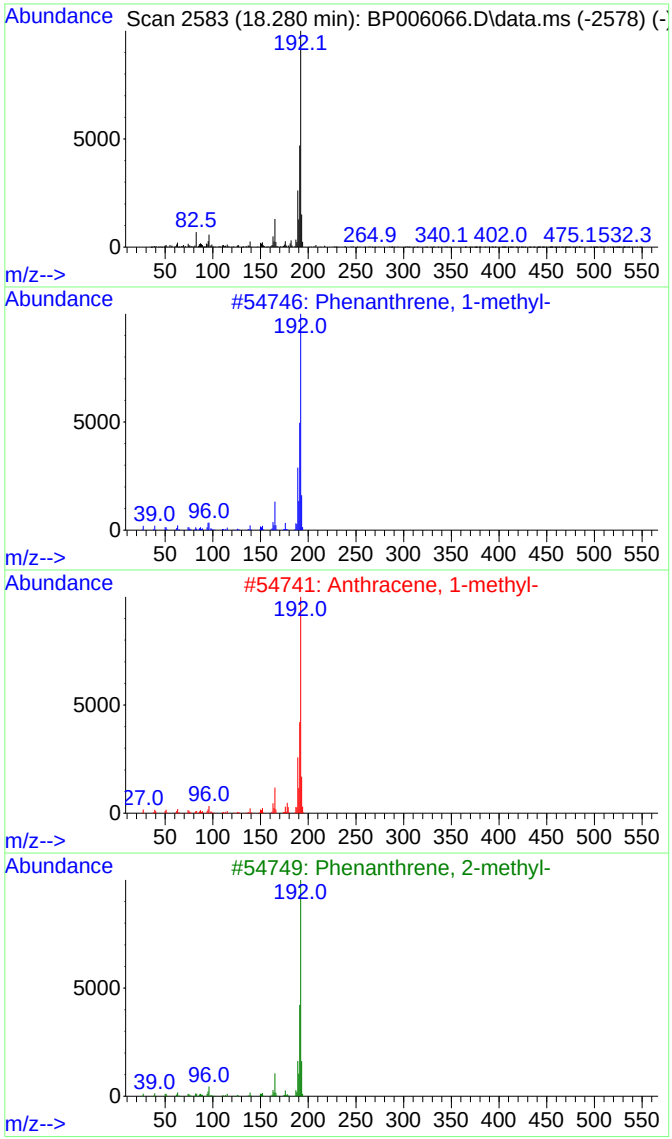
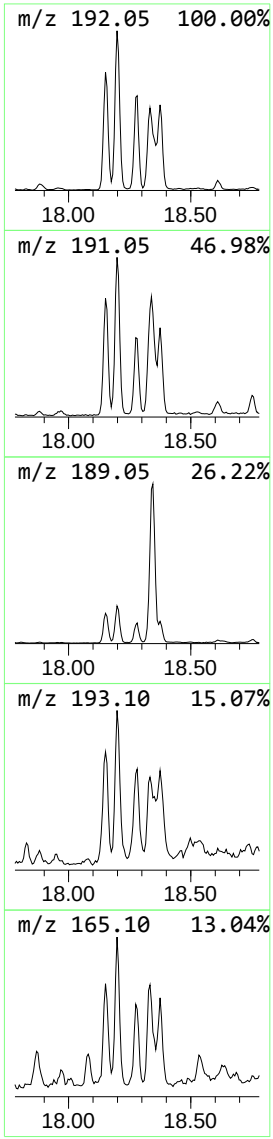
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	5.74 ng	247493	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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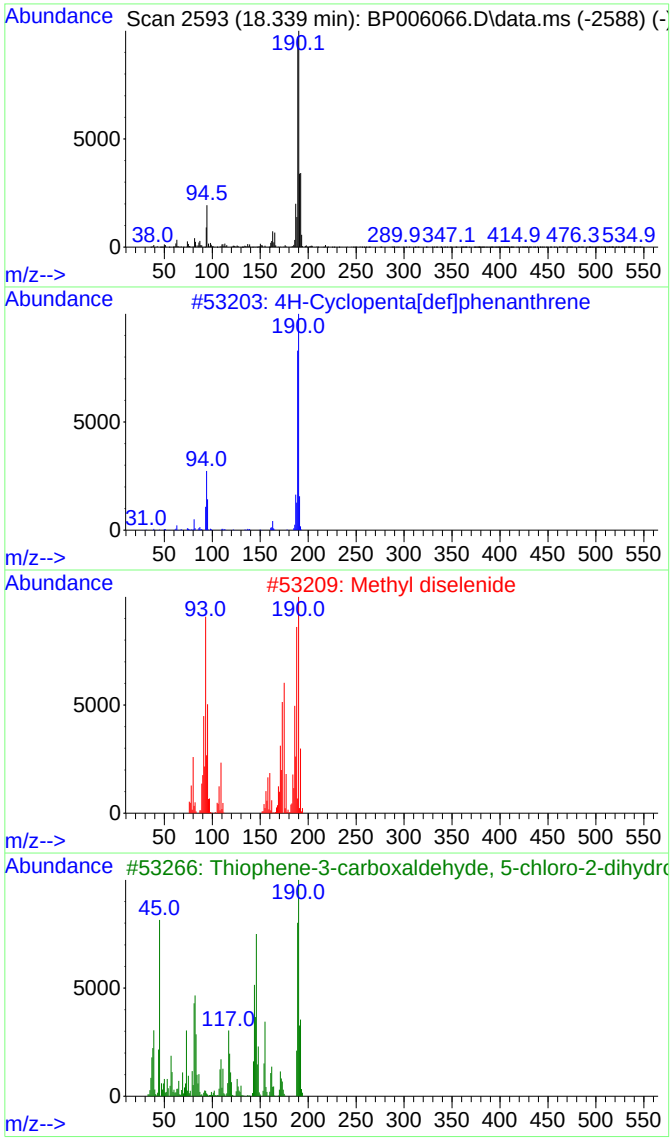
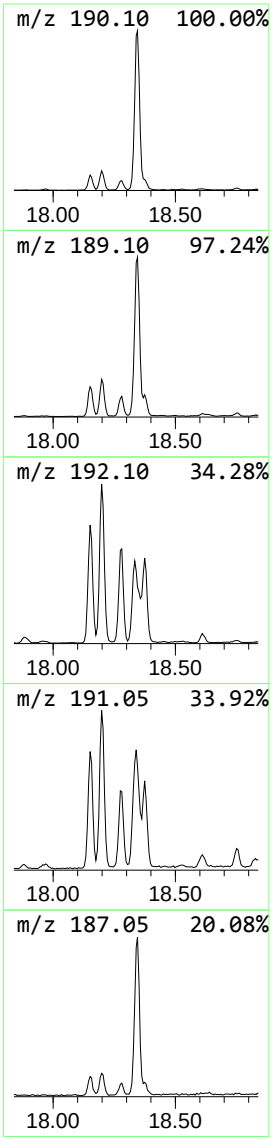
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	19.95 ng	860615	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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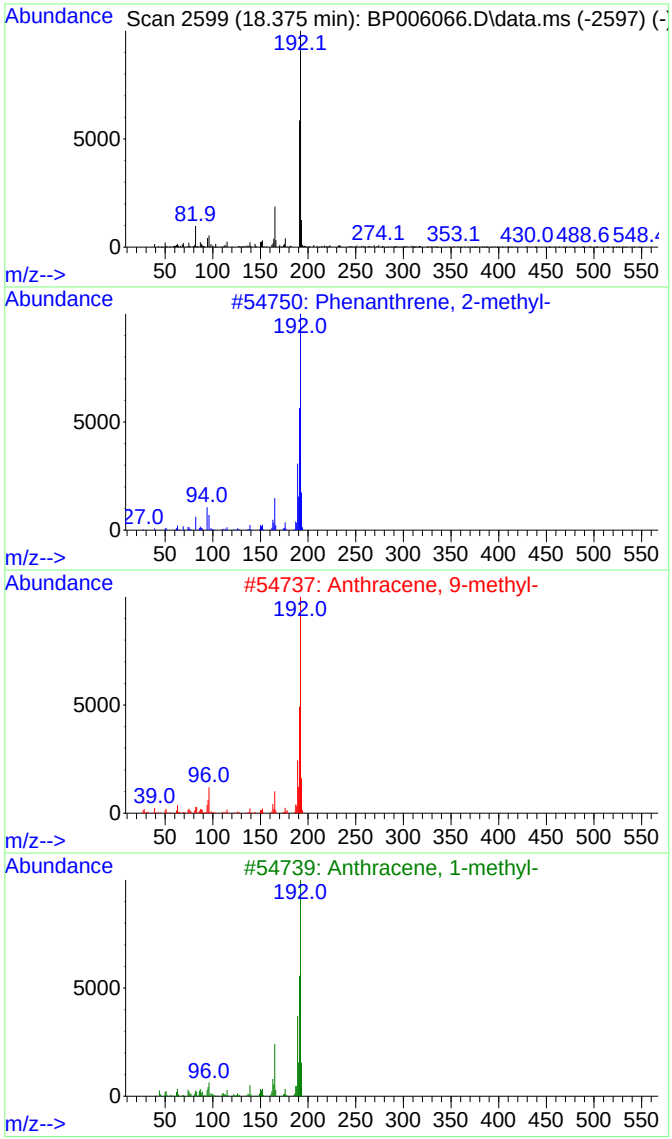
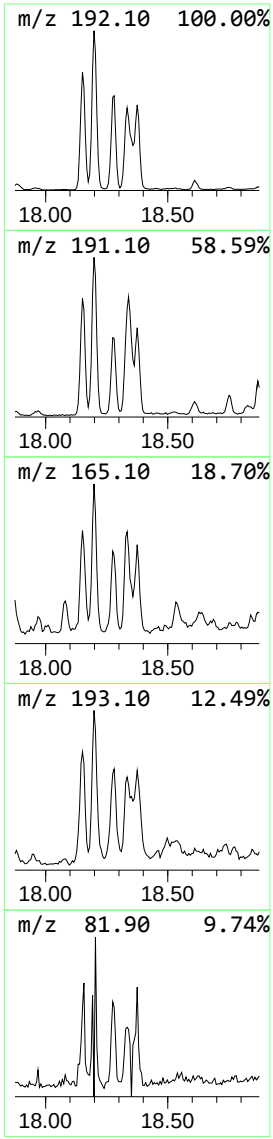
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	4.76 ng	205337	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-062321

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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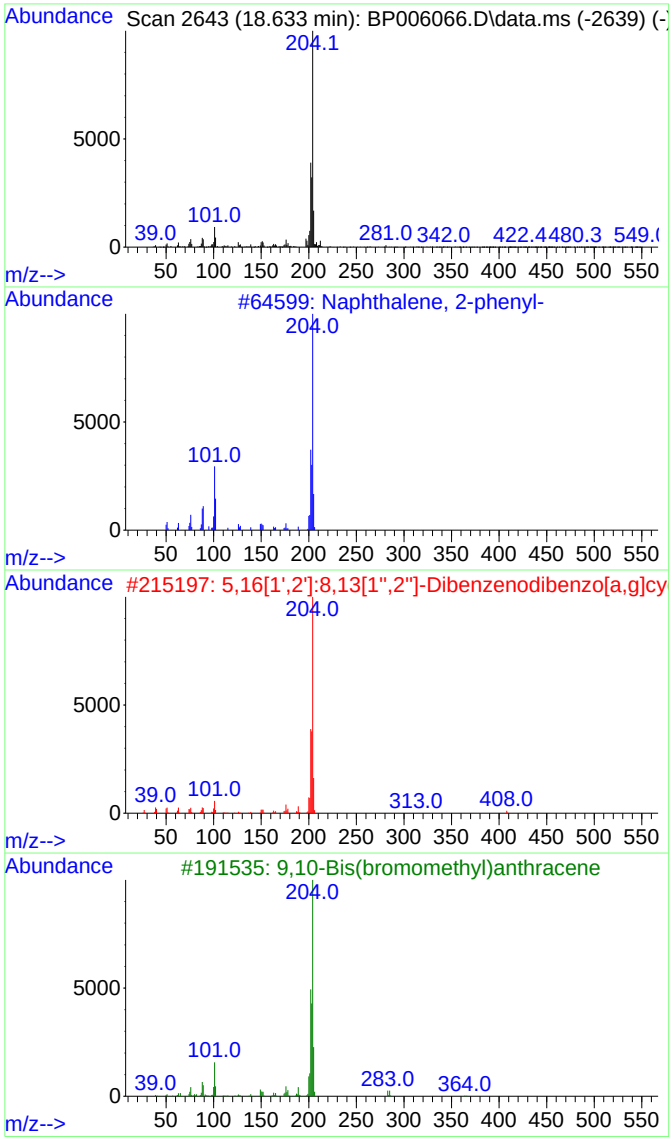
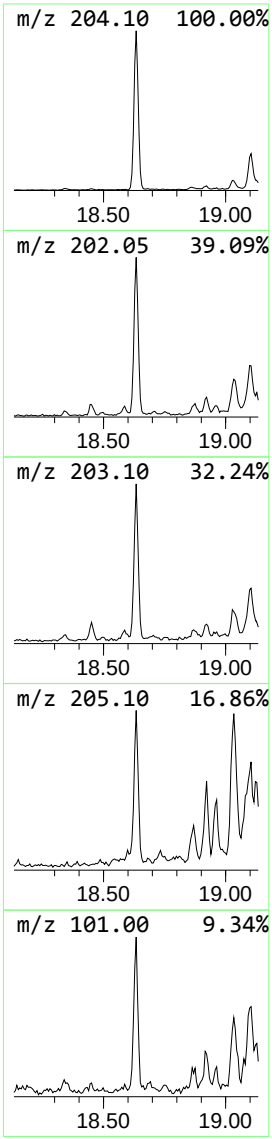
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.633	5.72 ng	246562	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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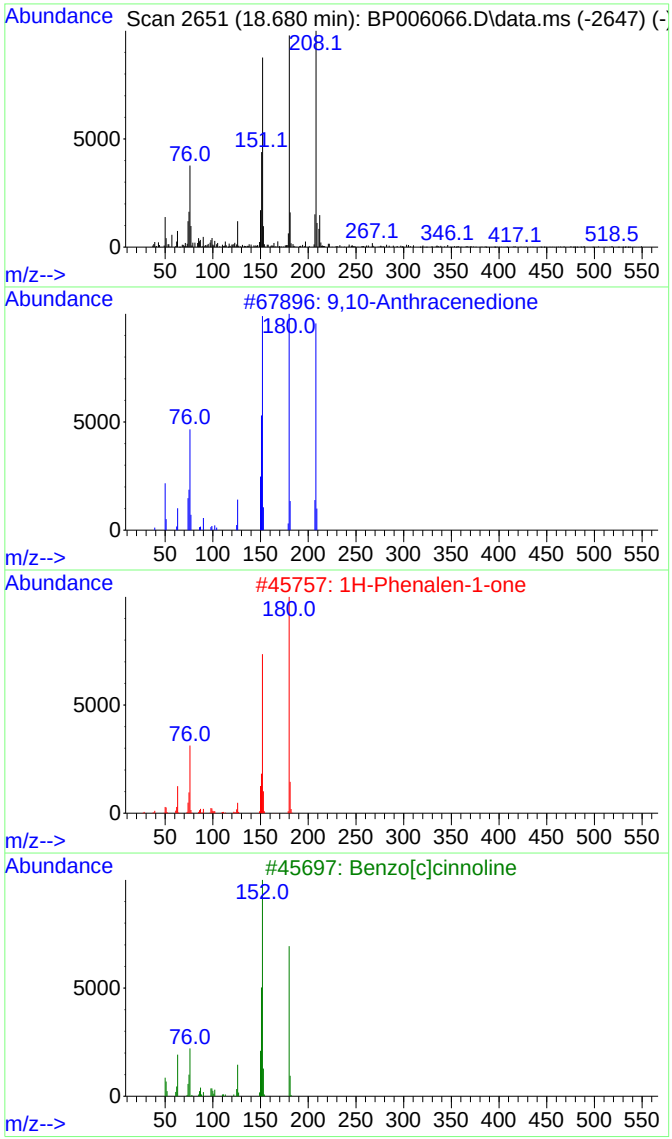
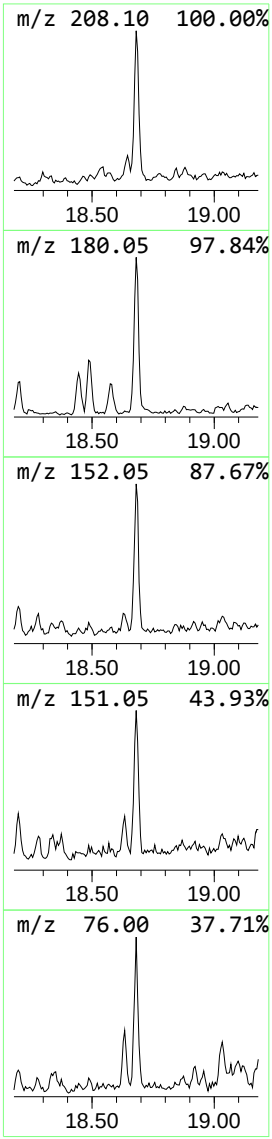
Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	3.30 ng	142178	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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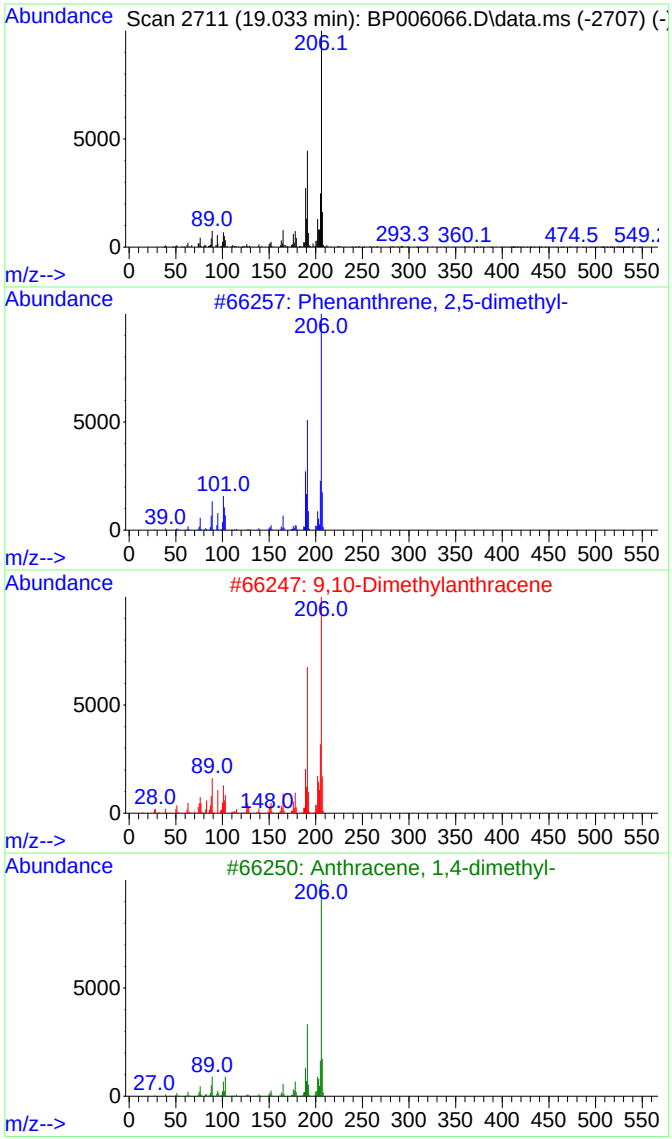
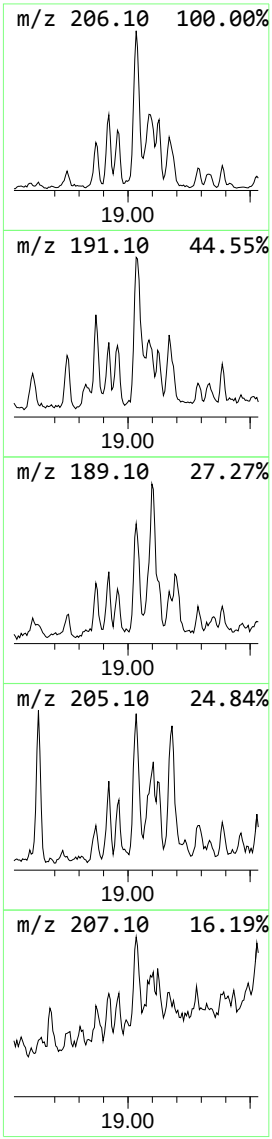
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	6.48 ng	279517	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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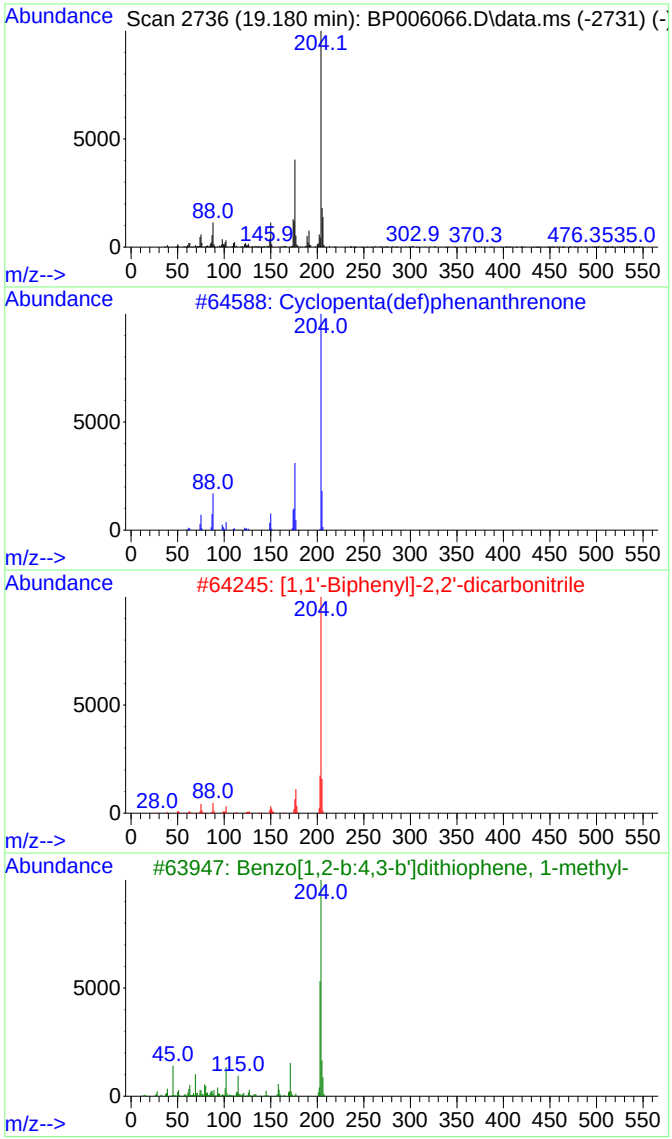
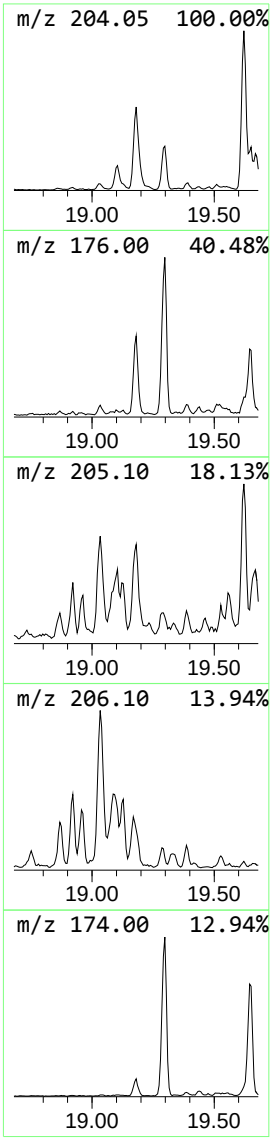
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	7.42 ng	320095	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





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Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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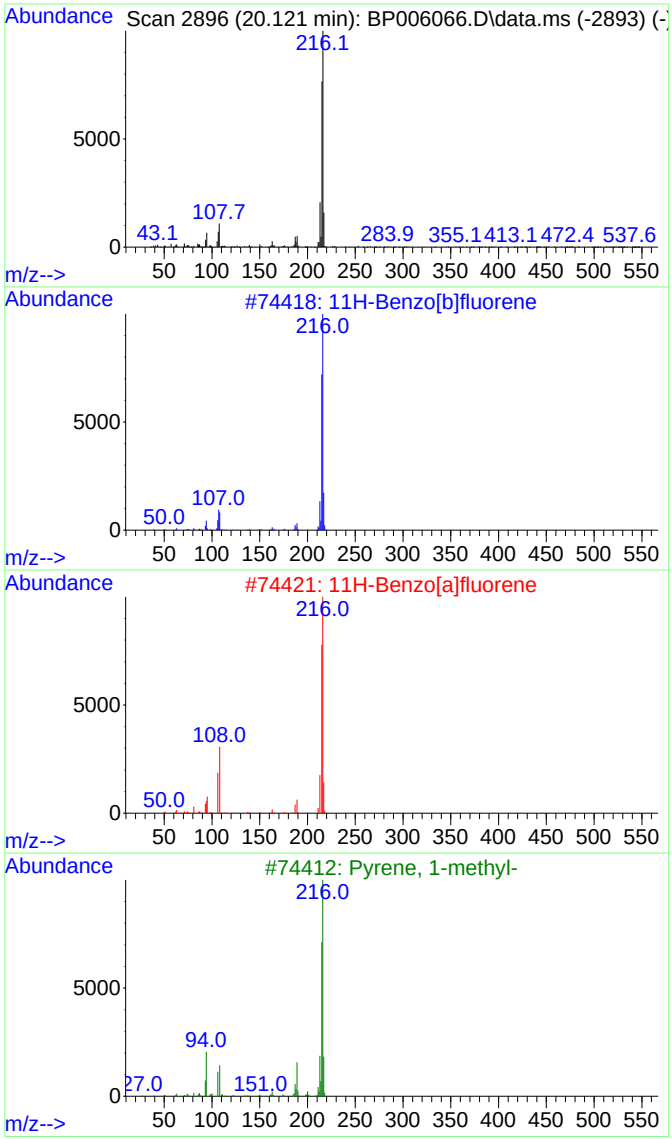
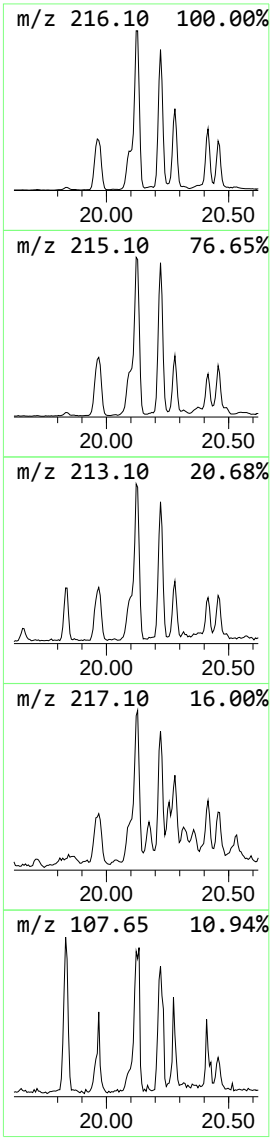
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	3.91 ng	923908	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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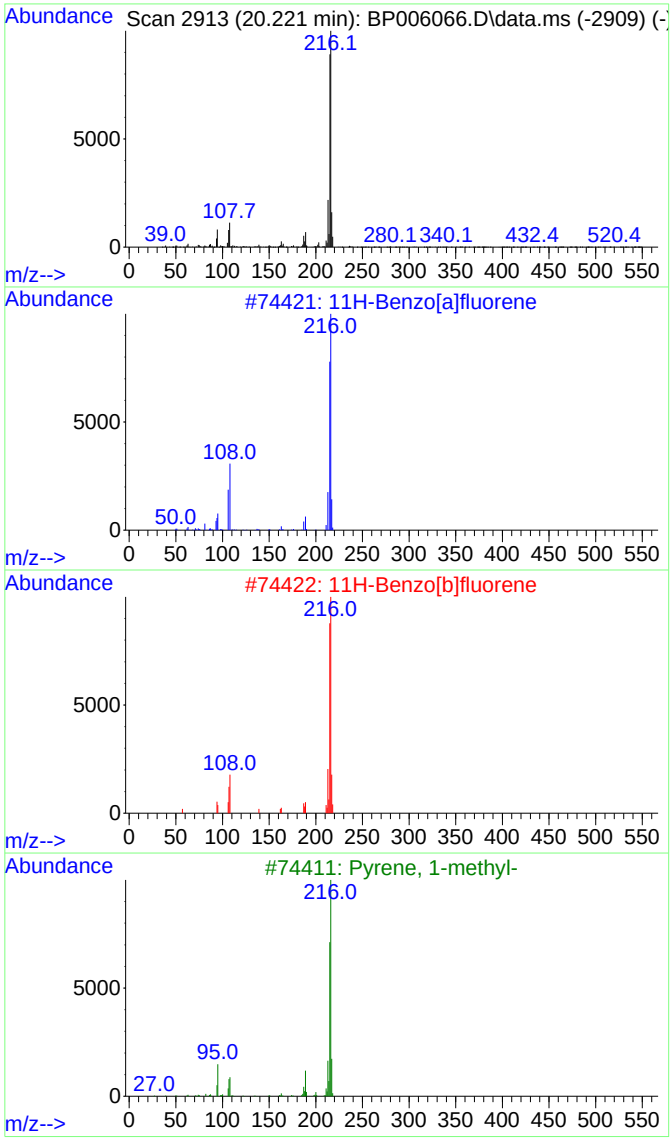
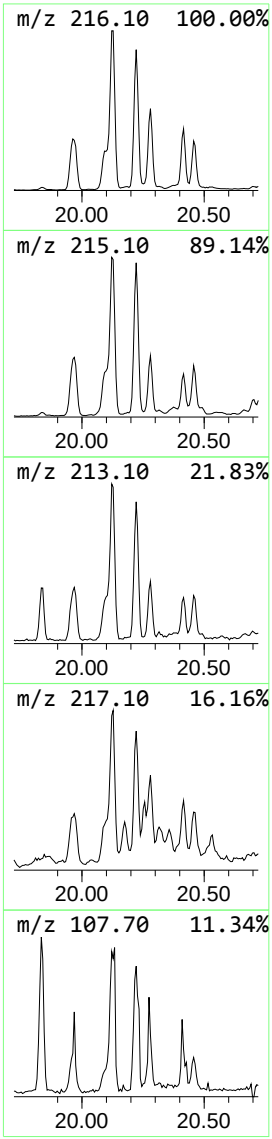
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	3.17 ng	750232	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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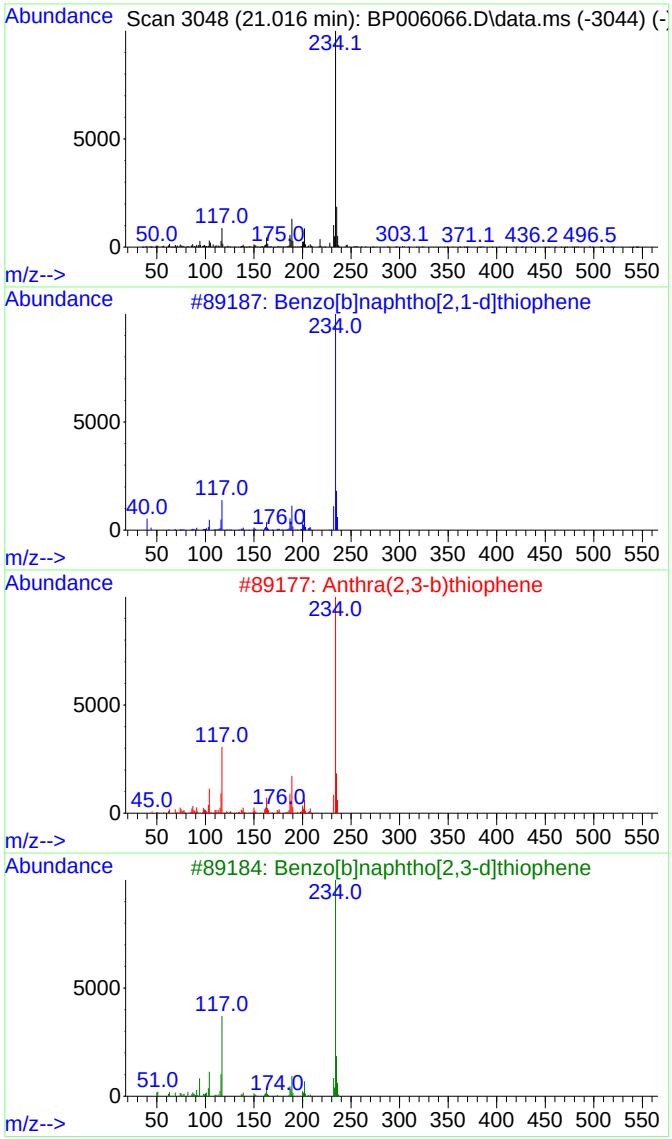
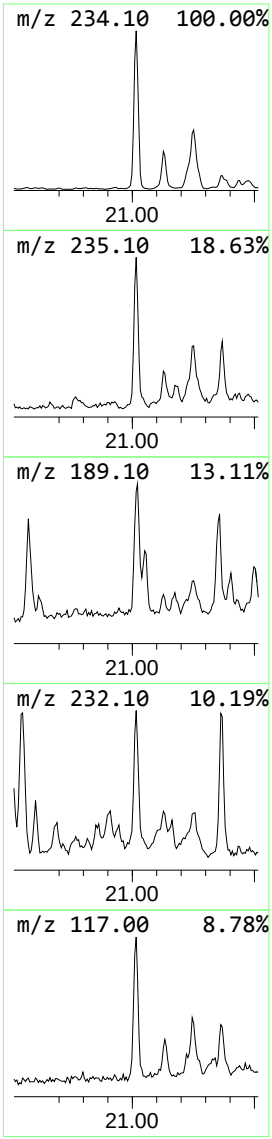
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.016	2.05 ng	484793	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74





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ClientSampleId :
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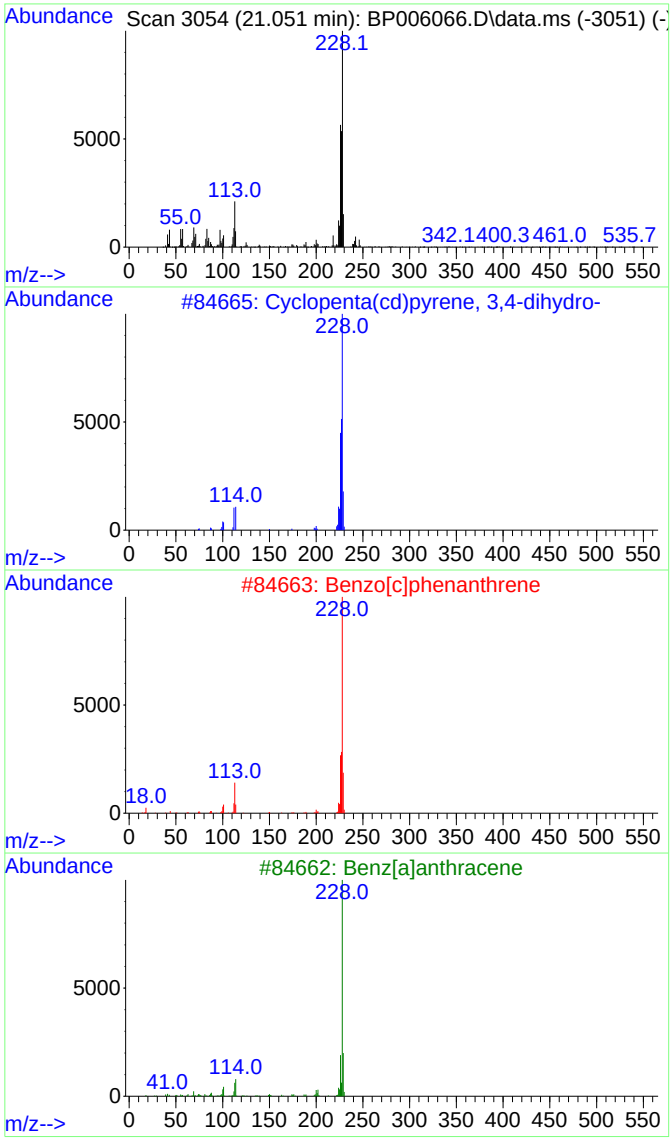
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

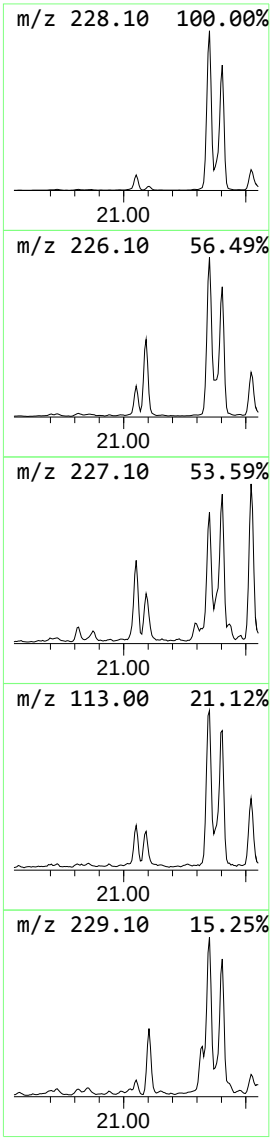
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.32 ng	549697	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Benz[a]anthracene	228	C18H12	000056-55-3	43
4	Triphenylene	228	C18H12	000217-59-4	43
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	38





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Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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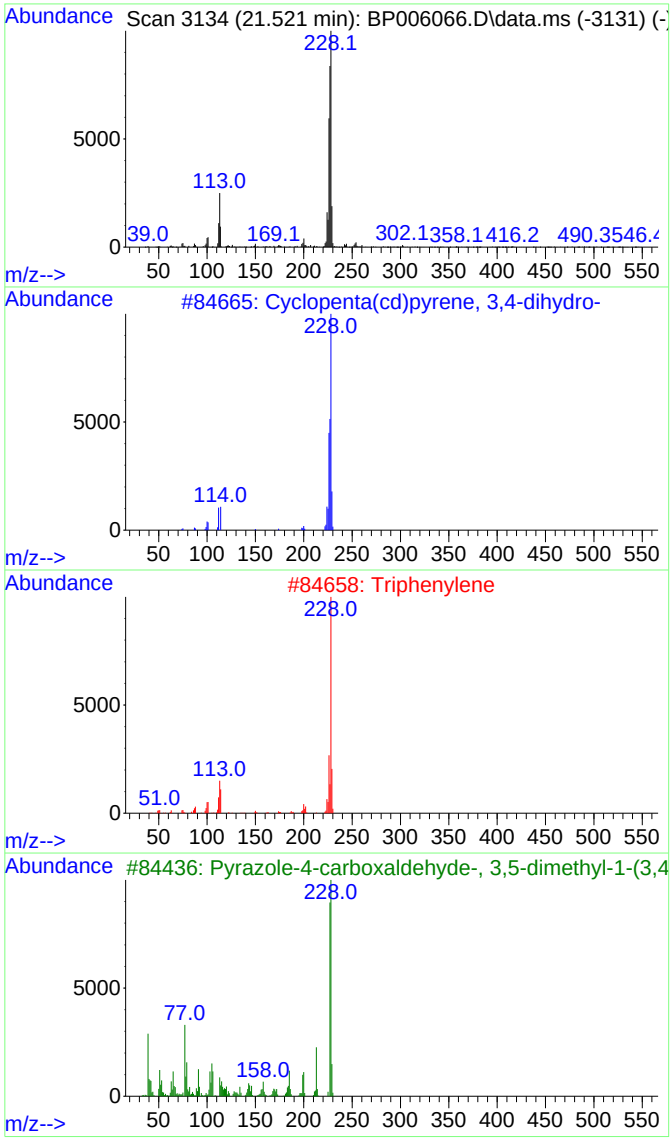
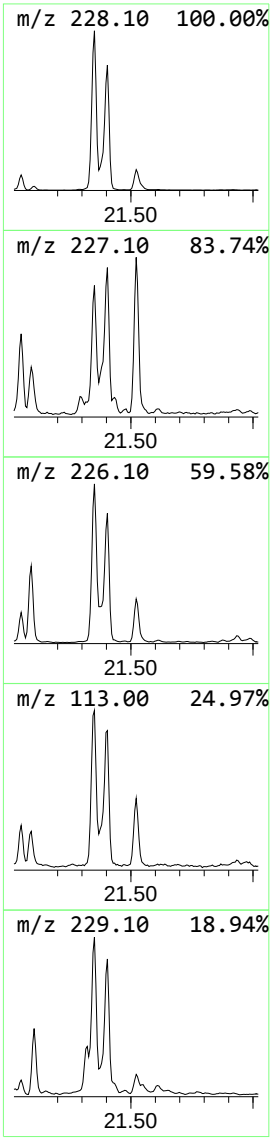
Peak Number 18 Triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.521	2.56 ng	606200	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Triphenylene	228	C18H12	000217-59-4	50
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	41
5	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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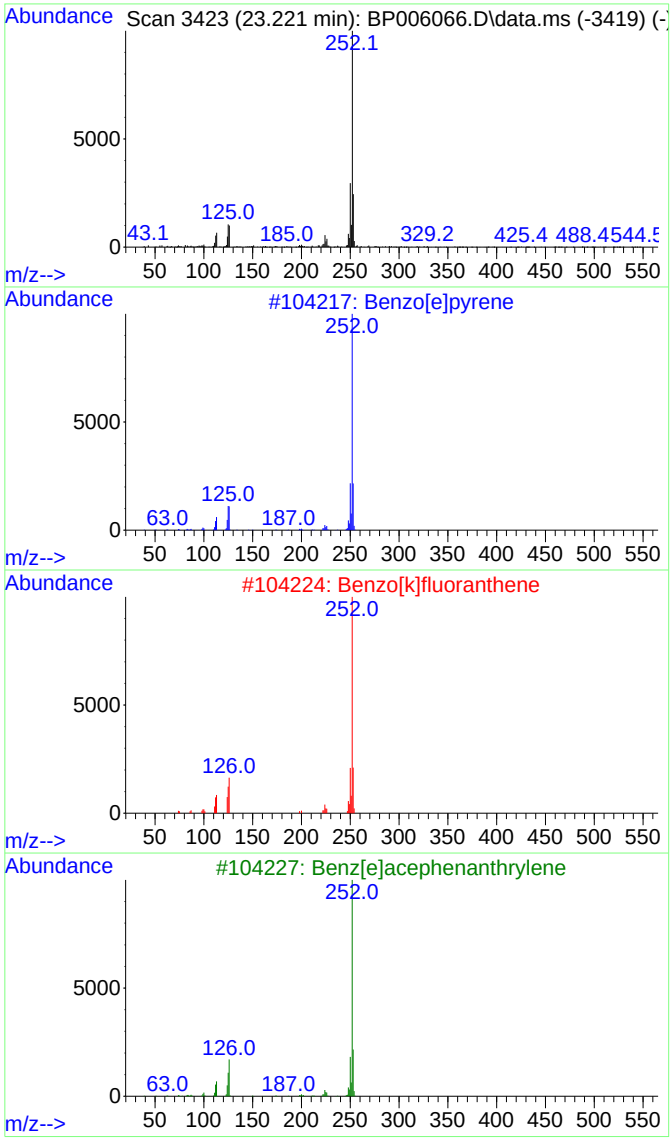
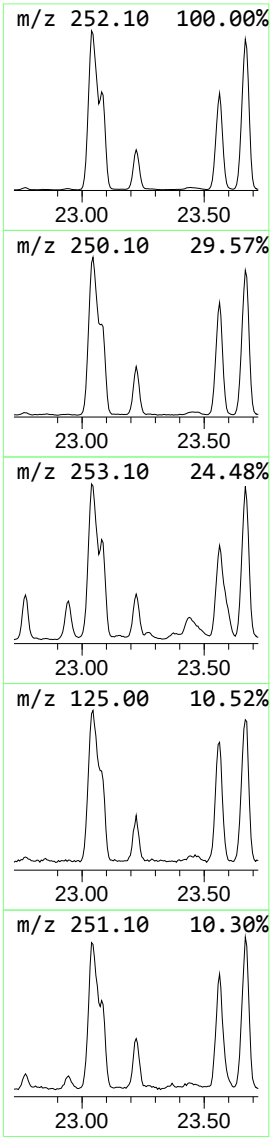
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.221	16.13 ng	790174	Perylene-d12	23.774

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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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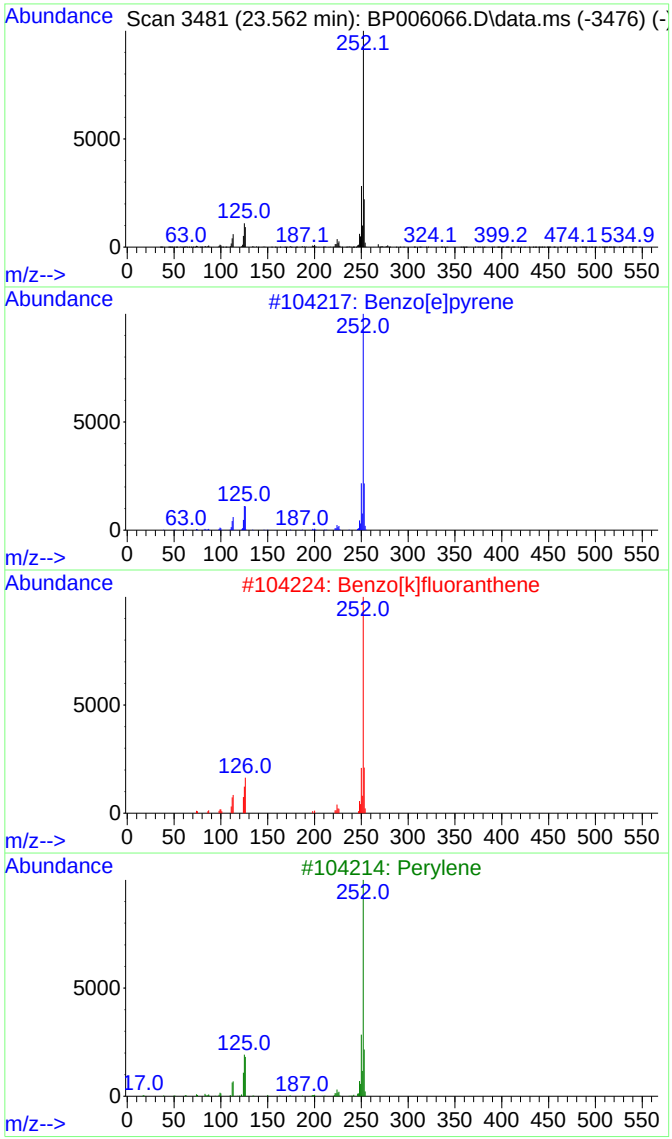
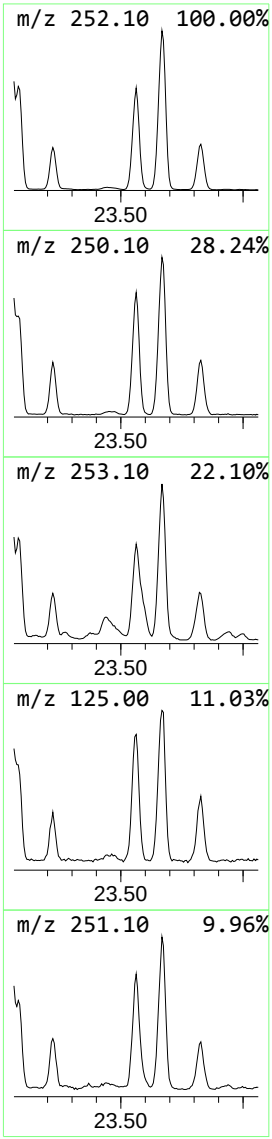
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.563	46.54 ng	2280280	Perylene-d12	23.774

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006066.D
Acq On : 24 Jun 2021 22:35
Operator : CG/JU
Sample : M2819-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-062321

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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
Ethanol, 2-(2-b...	10.499	13.5	ng	374627	2	10.716	555263	20.0
1(2H)-Acenaphth...	16.269	2.1	ng	92197	4	17.286	862848	20.0
9H-Fluorene, 2-...	16.592	2.5	ng	107414	4	17.286	862848	20.0
Naphtho[1,2-b]t...	17.104	3.5	ng	150997	4	17.286	862848	20.0
Anthracene, 1-m...	18.151	7.6	ng	326033	4	17.286	862848	20.0
Phenanthrene, 1...	18.198	10.8	ng	465114	4	17.286	862848	20.0
Phenanthrene, 2...	18.280	5.7	ng	247493	4	17.286	862848	20.0
4H-Cyclopenta[d...	18.339	19.9	ng	860615	4	17.286	862848	20.0
Anthracene, 9-m...	18.375	4.8	ng	205337	4	17.286	862848	20.0
Naphthalene, 2-...	18.633	5.7	ng	246562	4	17.286	862848	20.0
9,10-Anthracene...	18.680	3.3	ng	142178	4	17.286	862848	20.0
Phenanthrene, 2...	19.033	6.5	ng	279517	4	17.286	862848	20.0
Cyclopenta(def)...	19.180	7.4	ng	320095	4	17.286	862848	20.0
11H-Benzo[b]flu...	20.122	3.9	ng	923908	5	21.363	4729350	20.0
11H-Benzo[a]flu...	20.221	3.2	ng	750232	5	21.363	4729350	20.0
Benzo[b]naphtho...	21.016	2.0	ng	484793	5	21.363	4729350	20.0
Cyclopenta(cd)p...	21.051	2.3	ng	549697	5	21.363	4729350	20.0
Triphenylene	21.521	2.6	ng	606200	5	21.363	4729350	20.0
Benzo[e]pyrene	23.221	16.1	ng	790174	6	23.774	979826	20.0
Perylene	23.563	46.5	ng	2280280	6	23.774	979826	20.0