LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008916.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	5	8	13	rVB	160975	183928	1.24%	0.115%
2	5.422	407	414	433	rBV	1419435	2296310	15.51%	1.441%
3	7.010	676	684	707	rBV	1250664	2305008	15.57%	1.446%
4	7.834	816	824	833	rBV	858728	1403846	9.48%	0.881%
5	8.993	1013	1021	1033	rBV	799766	1471695	9.94%	0.924%
6	10.634	1291	1300	1306	rBV	1044954	1843088	12.45%	1.157%
7	10.687	1306	1309	1322	rVB	226790	374311	2.53%	0.235%
8	12.304	1577	1584	1593	rBV	100496	173924	1.18%	0.109%
9	13.098	1712	1719	1737	rBV	2492235	3623918	24.48%	2.274%
10	14.475	1944	1953	1959	rBV	1572638	2365654	15.98%	1.484%
11	14.539	1959	1964	1973	rVB	674015	1024243	6.92%	0.643%
12	14.875	2015	2021	2030	rBV	346696	542923	3.67%	0.341%
13	15.528	2126	2132	2144	rVB	453599	717796	4.85%	0.450%
14	15.822	2178	2182	2190	rVB	131692	200102	1.35%	0.126%
15	15.975	2201	2208	2216	rBV	1733378	2773115	18.74%	1.740%
16	16.886	2358	2363	2371	rVB	301373	447825	3.03%	0.281%
17	17.051	2386	2391	2401	rVB	330892	513030	3.47%	0.322%
18	17.233	2416	2422	2425	rBV	1885389	2752336	18.60%	1.727%
19	17.275	2425	2429	2436	rVV	6461820	9415343	63.61%	5.908%
20	17.369	2436	2445	2451	rVV	1284451	2025248	13.68%	1.271%
21	17.427	2451	2455	2461	rVB2	97204	164263	1.11%	0.103%
22	17.639	2482	2491	2504	rBV	688004	1235790	8.35%	0.775%
23	17.751	2506	2510	2517	rVV3	119785	213500	1.44%	0.134%
24	17.816	2517	2521	2529	rVB5	86105	160699	1.09%	0.101%
25	18.104	2561	2570	2573	rBV	507200	803475	5.43%	0.504%
26	18.151	2573	2578	2584	rVV	744547	1189430	8.04%	0.746%
27	18.227	2587	2591	2596	rVV	236405	346072	2.34%	0.217%
28	18.292	2596	2602	2606	rVV2	920448	1582865	10.69%	0.993%
29	18.327	2606	2608	2614	rVB	304012	342217	2.31%	0.215%
30	18.586	2647	2652	2656	rBV	472508	637691	4.31%	0.400%
31	18.627	2656	2659	2665	rVB	503402	649826	4.39%	0.408%
32	18.992	2716	2721	2728	rBV3	185995	444656	3.00%	0.279%
33	19.127	2740	2744	2751	rVB	318094	468542	3.17%	0.294%
34	19.251	2758	2765	2771	rBV	11168256	14800704	100.00%	9.288%
35	19.345	2777	2781	2785	rBV	158496	231448	1.56%	0.145%
36	19.480	2801	2804	2808	rVB	274299	362595	2.45%	0.228%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.604	2820	2825	2832	rVB	8621063	12336271	83.35%	7.741%
38	19.669	2832	2836	2842	rVB2	317166	444281	3.00%	0.279%
39	19.792	2850	2857	2862	rBV2	4311512	5778709	39.04%	3.626%
40	19.839	2862	2865	2871	rVB	531209	698883	4.72%	0.439%
41	19.916	2872	2878	2879	rBV	405170	649258	4.39%	0.407%
42	19.969	2884	2887	2891	rVB	211124	237930	1.61%	0.149%
43	20.051	2895	2901	2902	rBV3	315437	534987	3.61%	0.336%
44	20.080	2903	2906	2912	rVB	930031	1268912	8.57%	0.796%
45	20.180	2919	2923	2927	rBV	703377	904493	6.11%	0.568%
46	20.239	2927	2933	2936	rVV2	578807	991187	6.70%	0.622%
47	20.274	2936	2939	2943	rVB	344918	413289	2.79%	0.259%
48	20.374	2953	2956	2959	rBV	282916	304372	2.06%	0.191%
49	20.421	2960	2964	2967	rVV	325114	414188	2.80%	0.260%
50	20.816	3027	3031	3037	rVB	681944	902521	6.10%	0.566%
51	20.974	3053	3058	3062	rBV3	863665	1458531	9.85%	0.915%
52	21.016	3062	3065	3068	rVV	797755	1015658	6.86%	0.637%
53	21.057	3068	3072	3076	rVV2	906987	1687541	11.40%	1.059%
54	21.110	3077	3081	3087	rVB2	829056	1249127	8.44%	0.784%
55	21.316	3107	3116	3121	rBV3	7561700	13919227	94.04%	8.734%
56	21.363	3121	3124	3133	rVB	5095611	6856305	46.32%	4.302%
57	21.445	3134	3138	3141	rBV	992552	1414224	9.56%	0.887%
58	21.486	3141	3145	3151	rVB	1040910	1497383	10.12%	0.940%
59	21.651	3169	3173	3179	rBV2	780472	1175099	7.94%	0.737%
60	21.904	3214	3216	3220	rVB	557524	617398	4.17%	0.387%
61	23.010	3397	3404	3409	rBV	4562379	10668143	72.08%	6.694%
62	23.198	3431	3436	3445	rVB	701441	1246995	8.43%	0.783%
63	23.533	3487	3493	3503	rVB	2535086	5324304	35.97%	3.341%
64	23.639	3504	3511	3519	rVV	3975062	7692166	51.97%	4.827%
65	23.739	3523	3528	3533	rVV2	1932135	4093531	27.66%	2.569%
66	23.798	3534	3538	3547	rVB	1140727	2398041	16.20%	1.505%
67	26.262	3949	3957	3969	rVB	2062456	6298704	42.56%	3.952%
68	27.039	4082	4089	4108	rVB	1431793	4781019	32.30%	3.000%

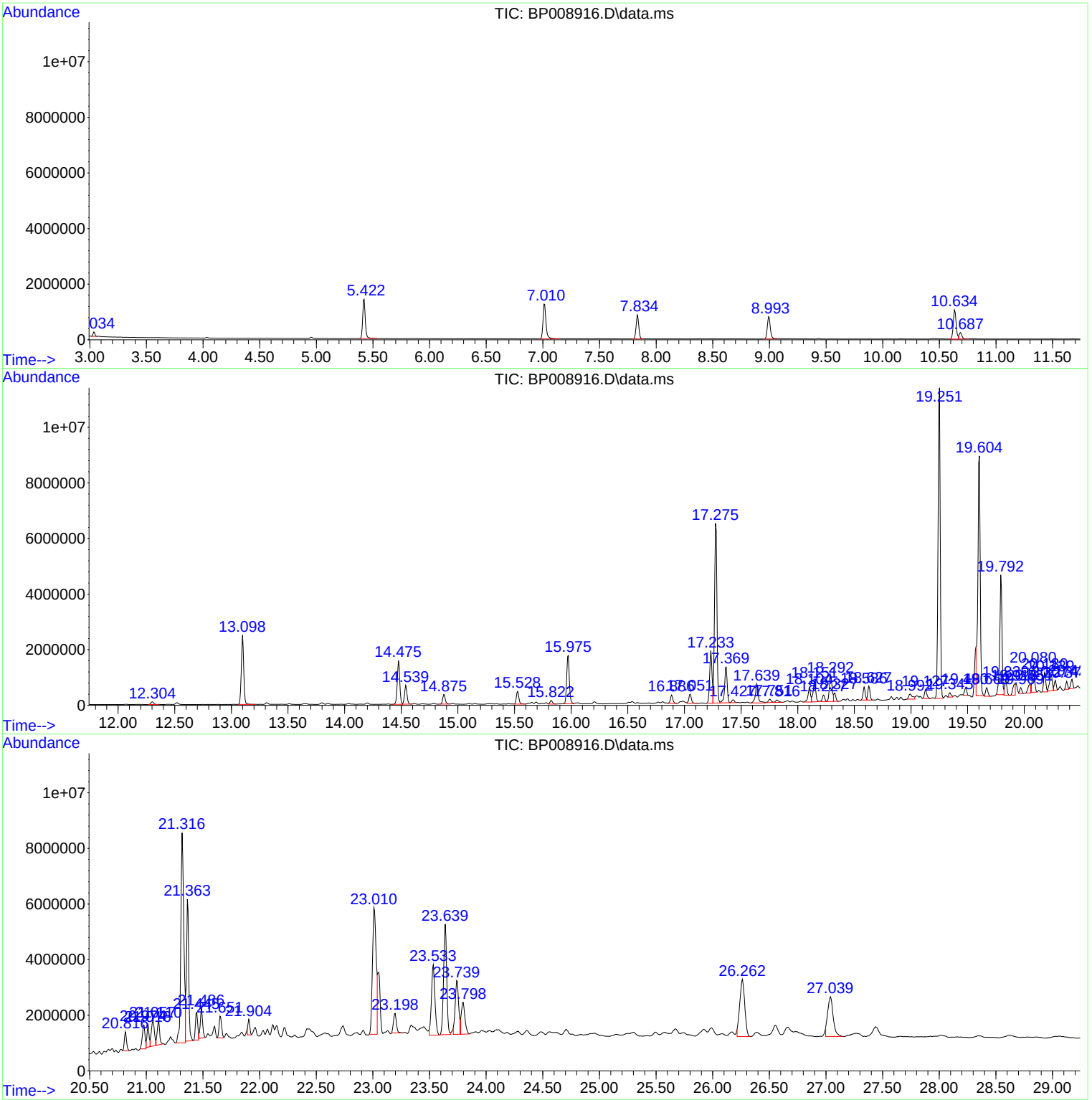
Sum of corrected areas: 159360093

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

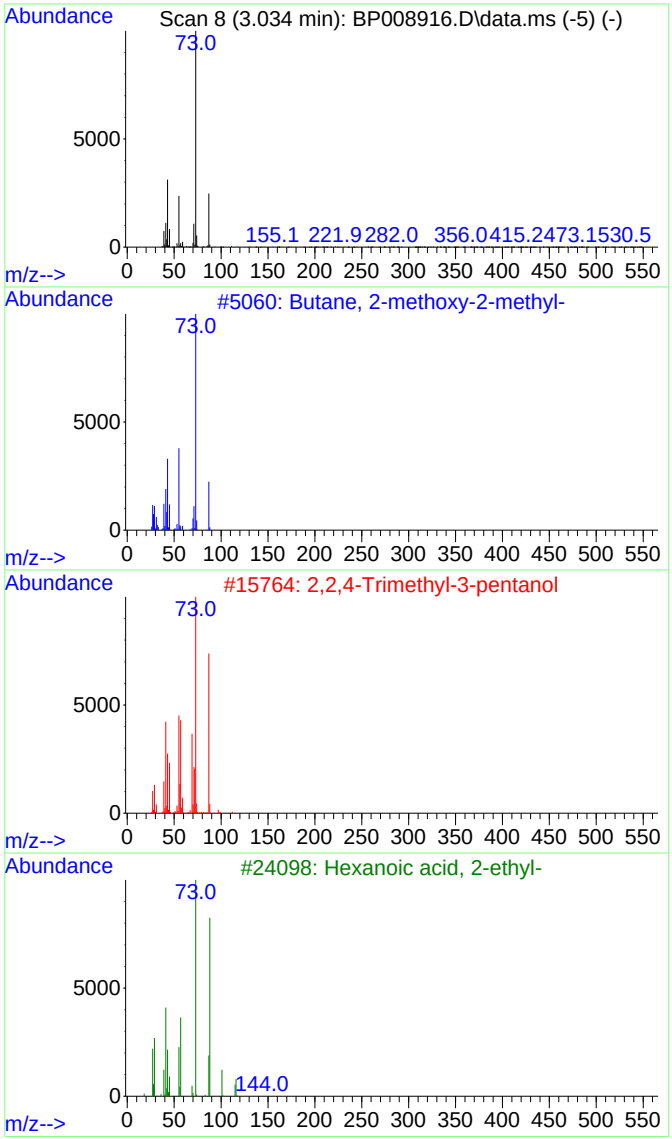
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

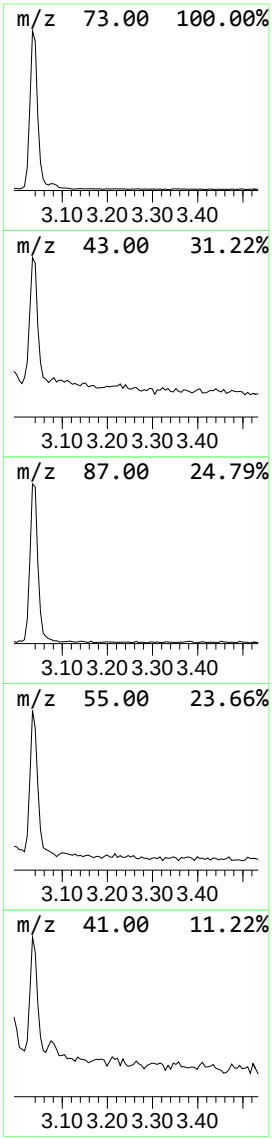
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	2.62 ng	183928	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

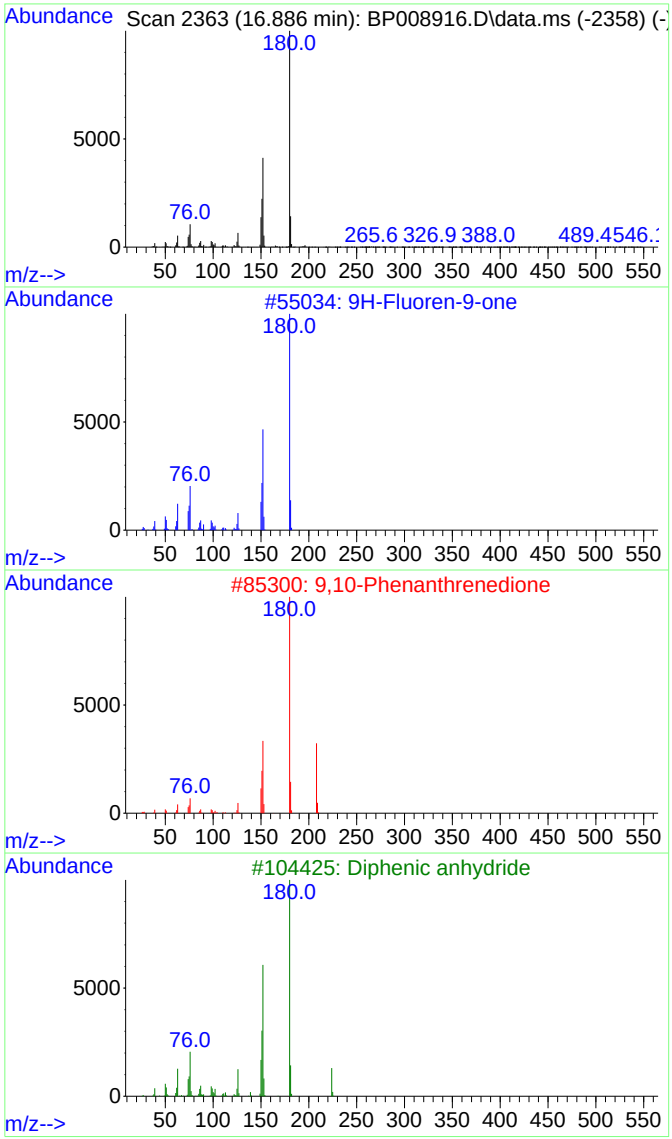
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

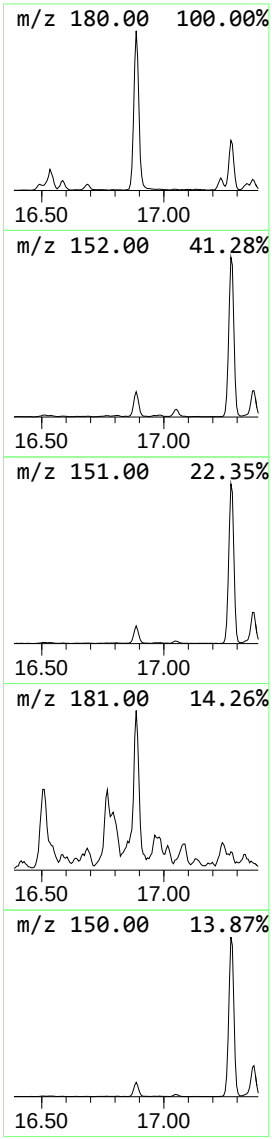
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	3.25 ng	447825	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
3	Diphenic anhydride	224	C14H8O3	006050-13-1	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
5	9-Fluorenone-1-carboxylic acid	224	C14H8O3	001573-92-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

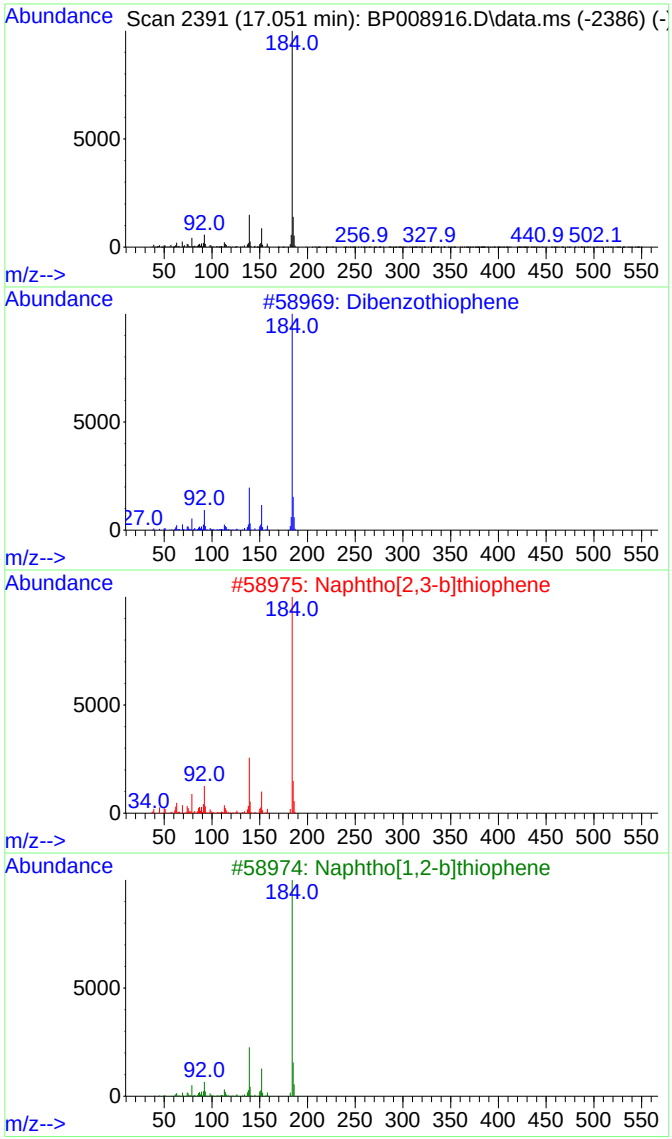
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

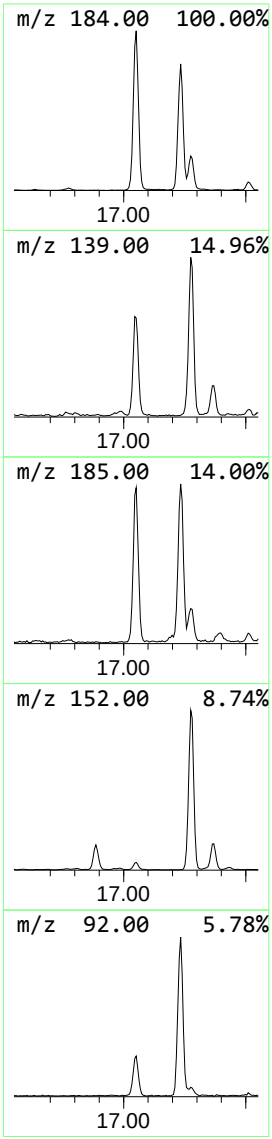
****

Peak Number 3 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	3.73 ng	513030	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

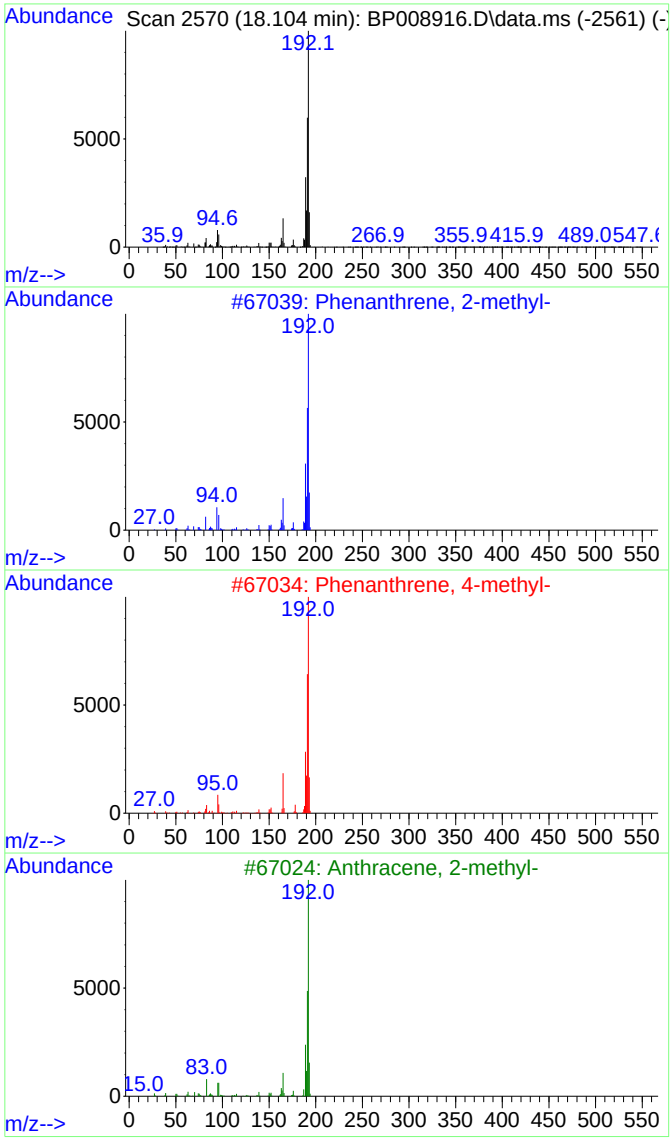
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

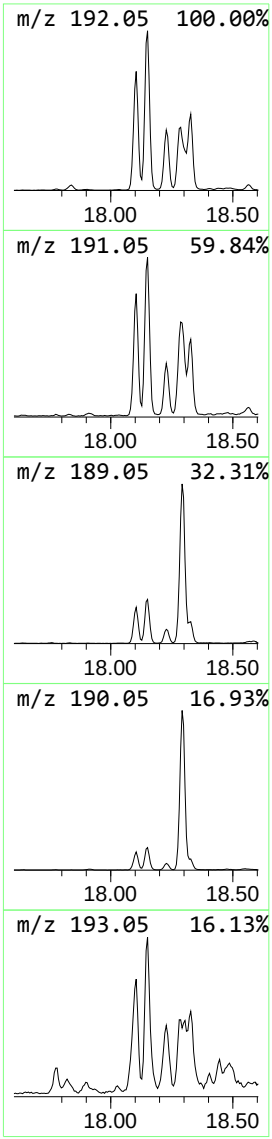
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	5.84 ng	803475	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

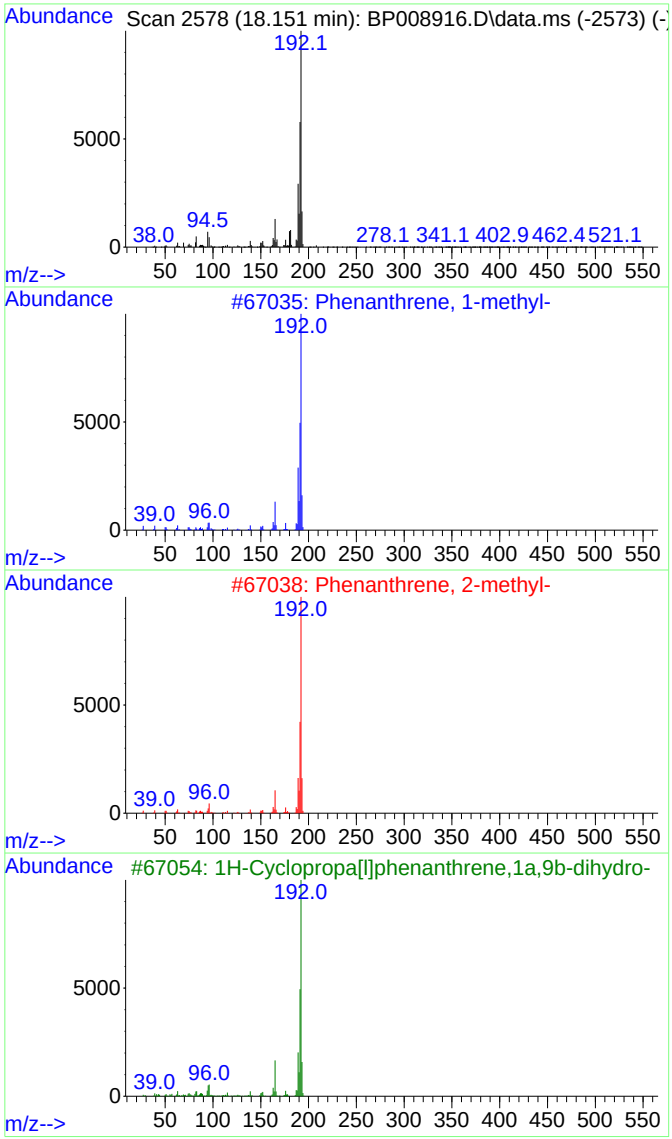
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

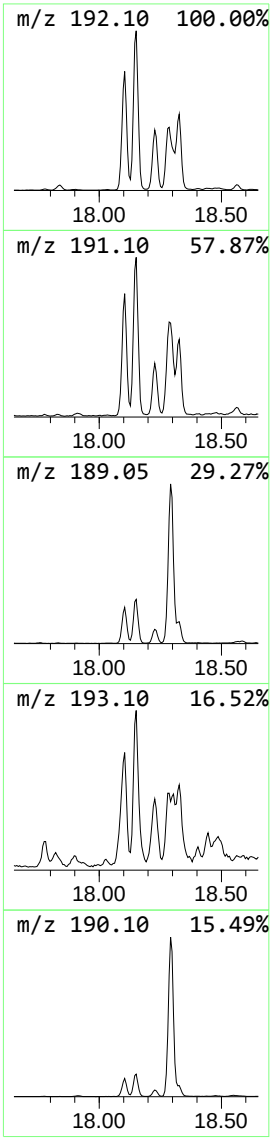
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	8.64 ng	1189430	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

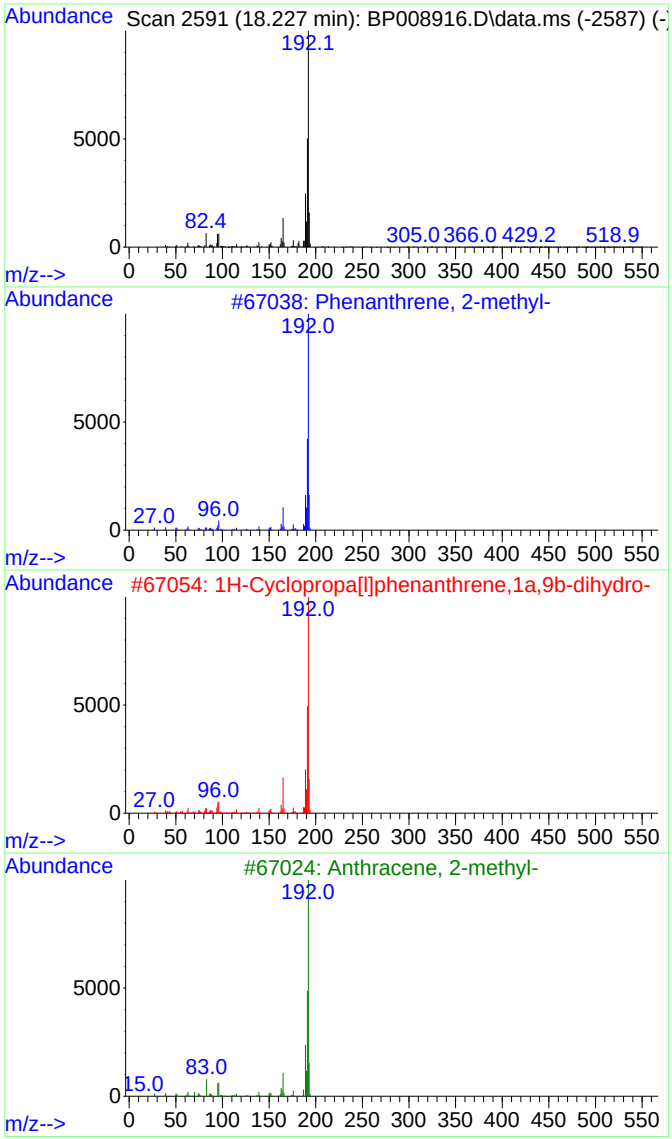
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

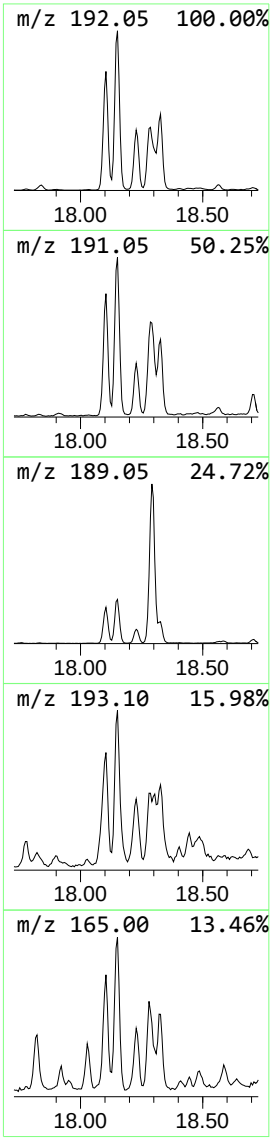
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	2.51 ng	346072	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

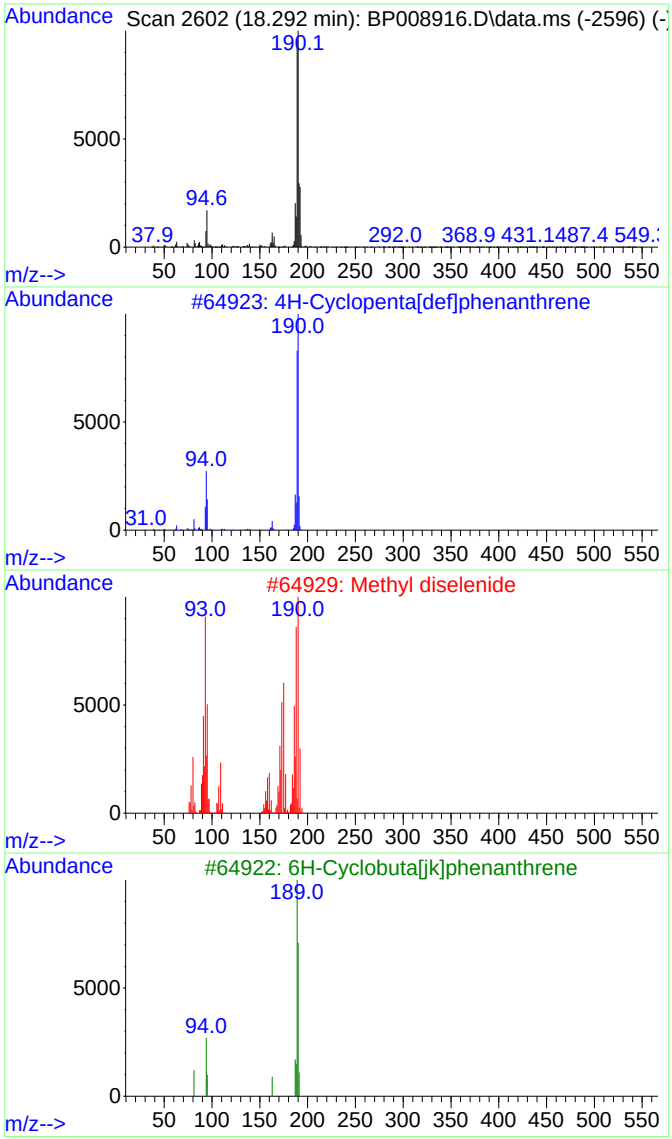
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

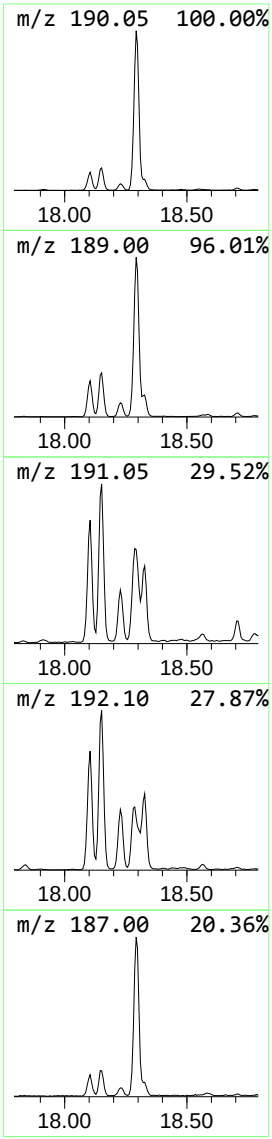
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	11.50 ng	1582870	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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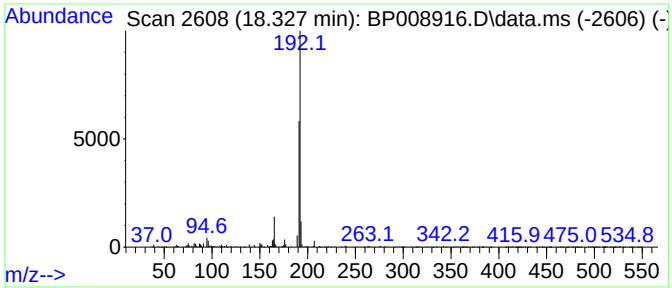
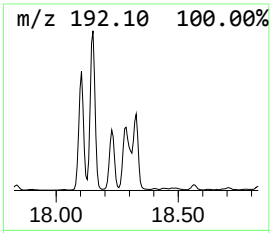
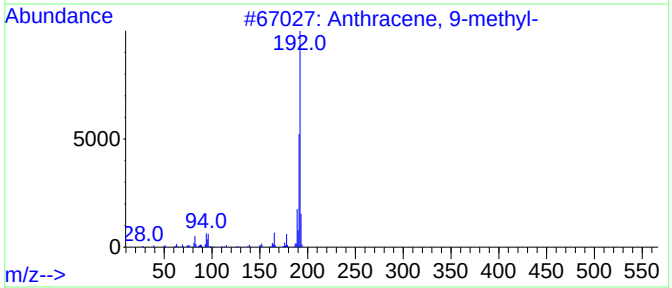
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 15

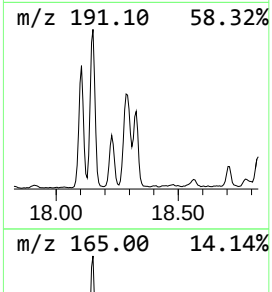
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	2.49 ng	342217	Phenanthrene-d10	17.233

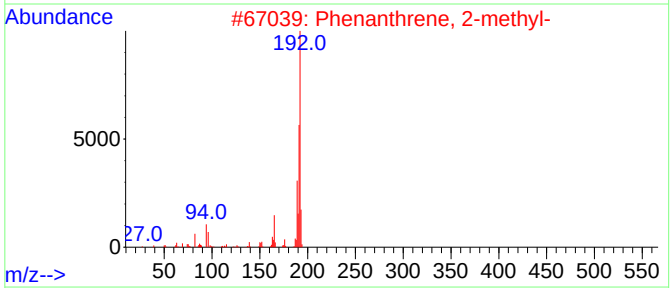
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	74

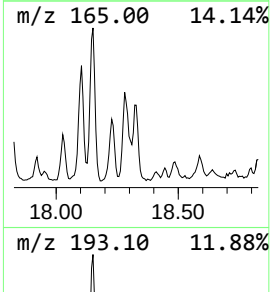


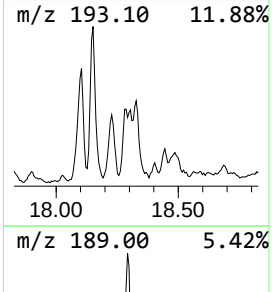


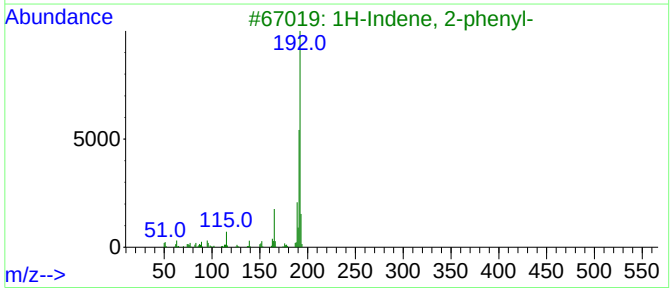


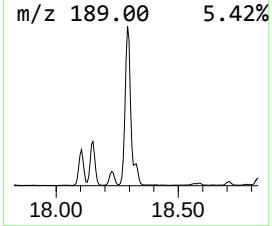












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Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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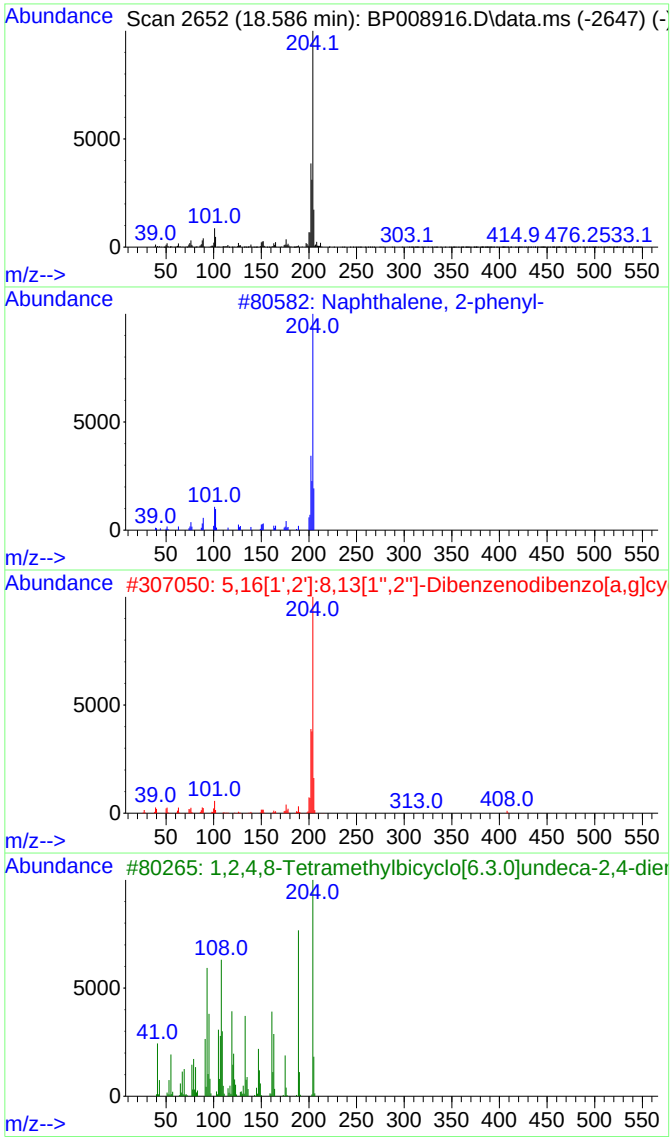
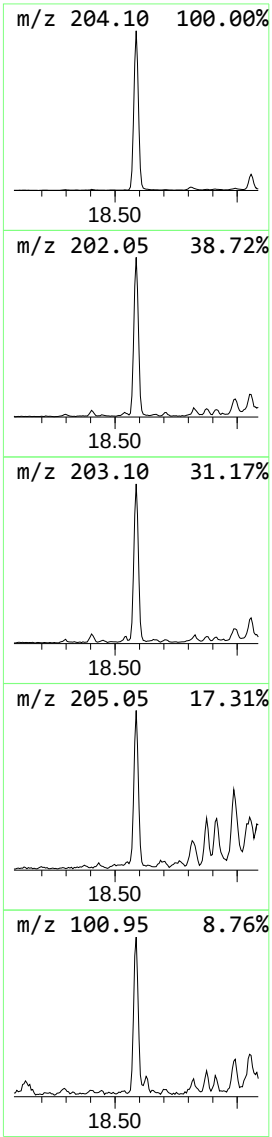
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	4.63 ng	637691	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53





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Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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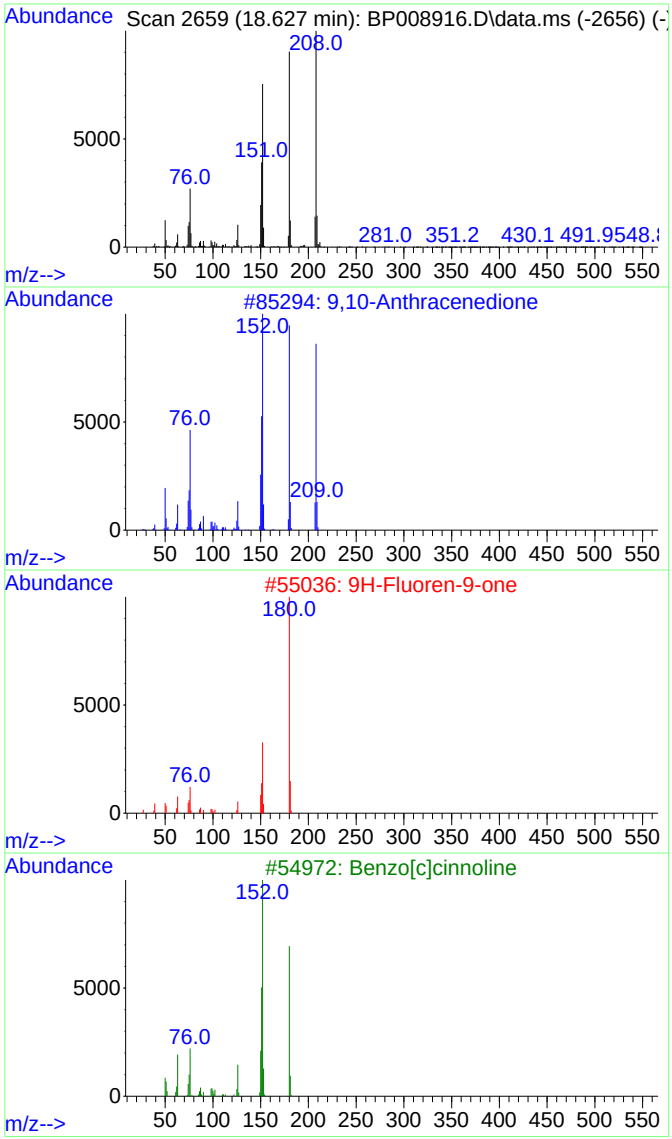
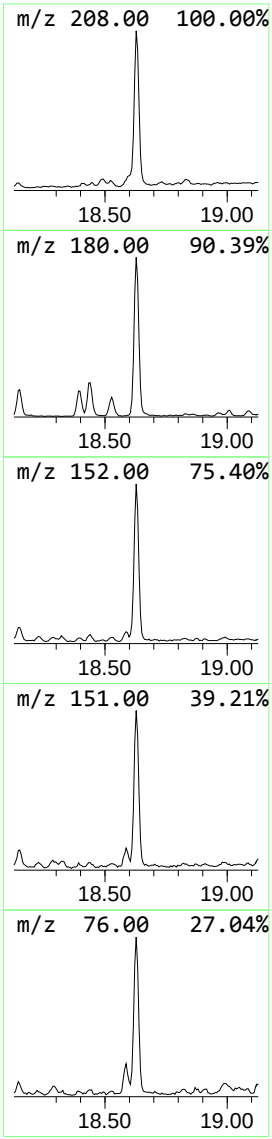
Peak Number 10 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	4.72 ng	649826	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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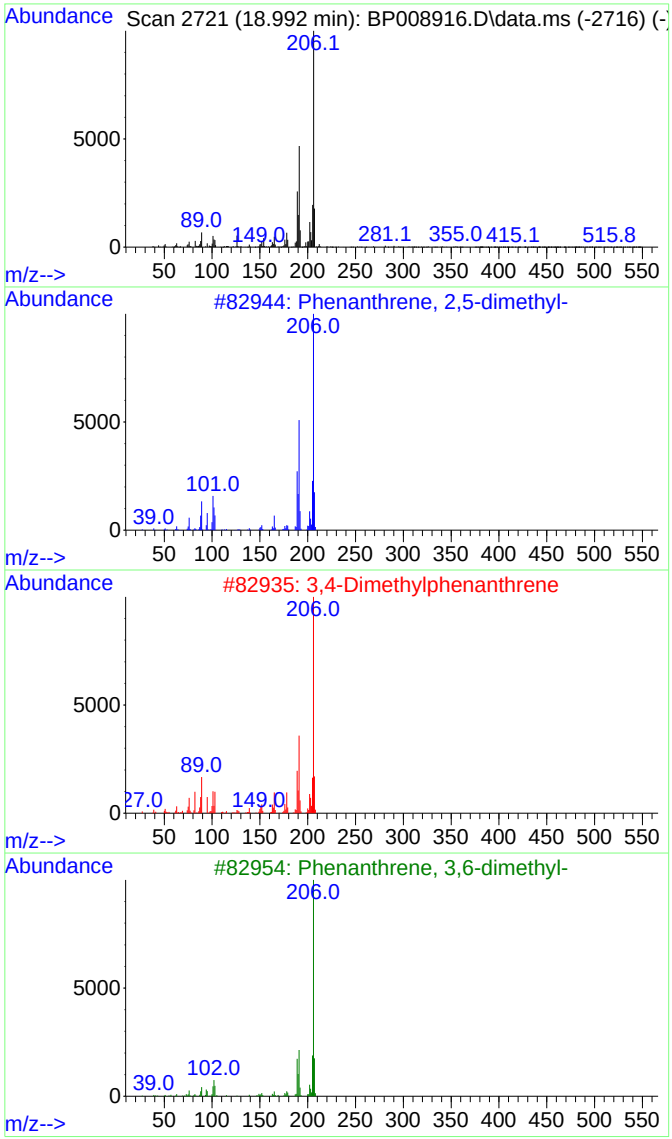
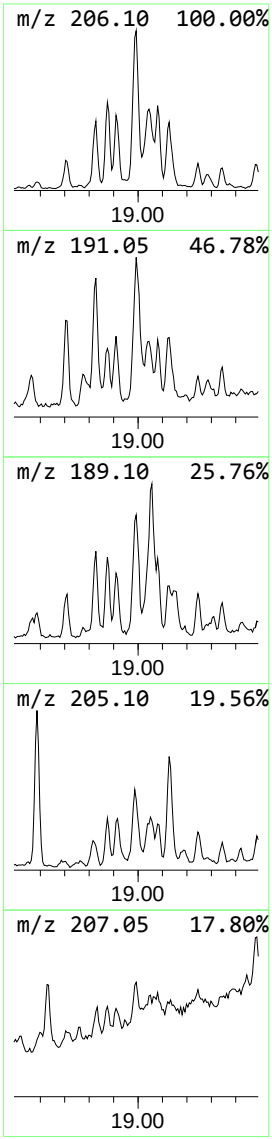
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	3.23 ng	444656	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4(0.5-1)

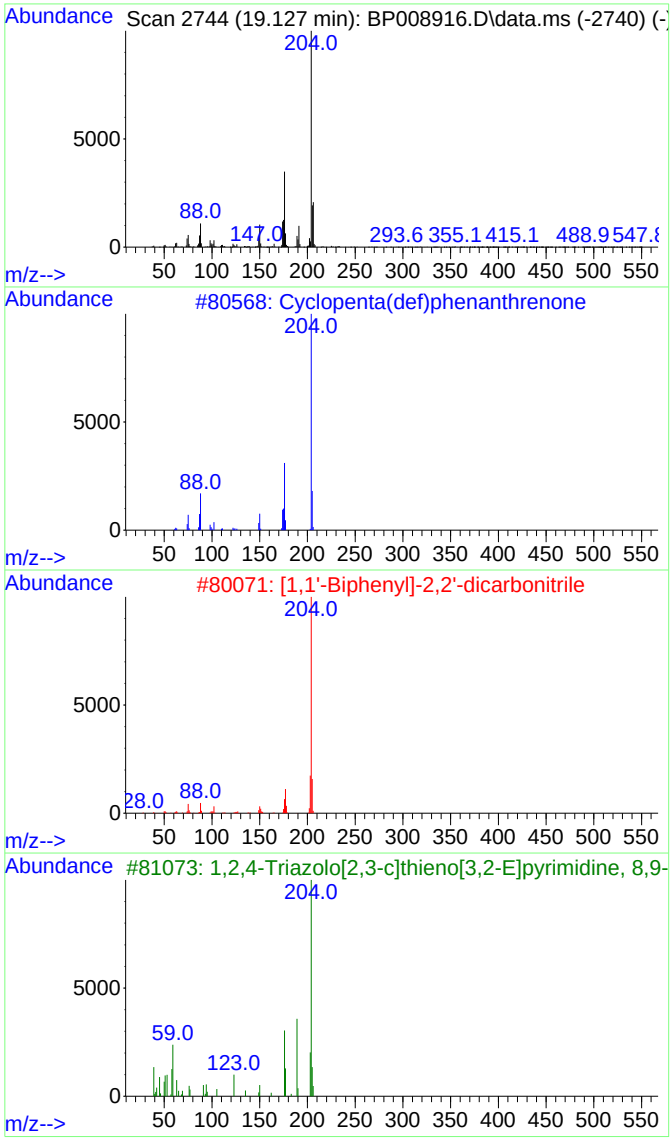
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

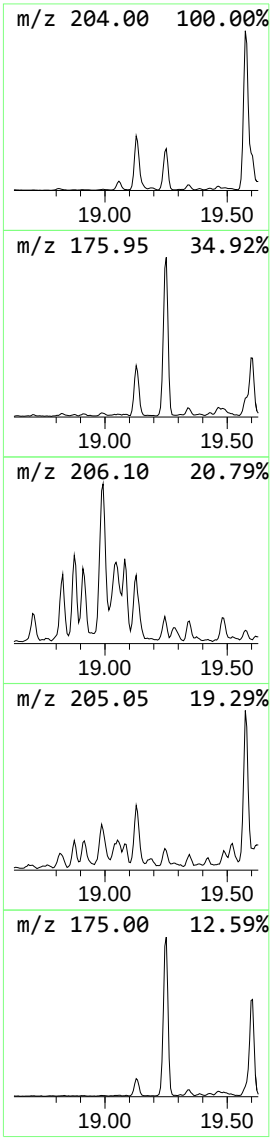
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	3.40 ng	468542	Phenanthrene-d10	17.233

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	53
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	53
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





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Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

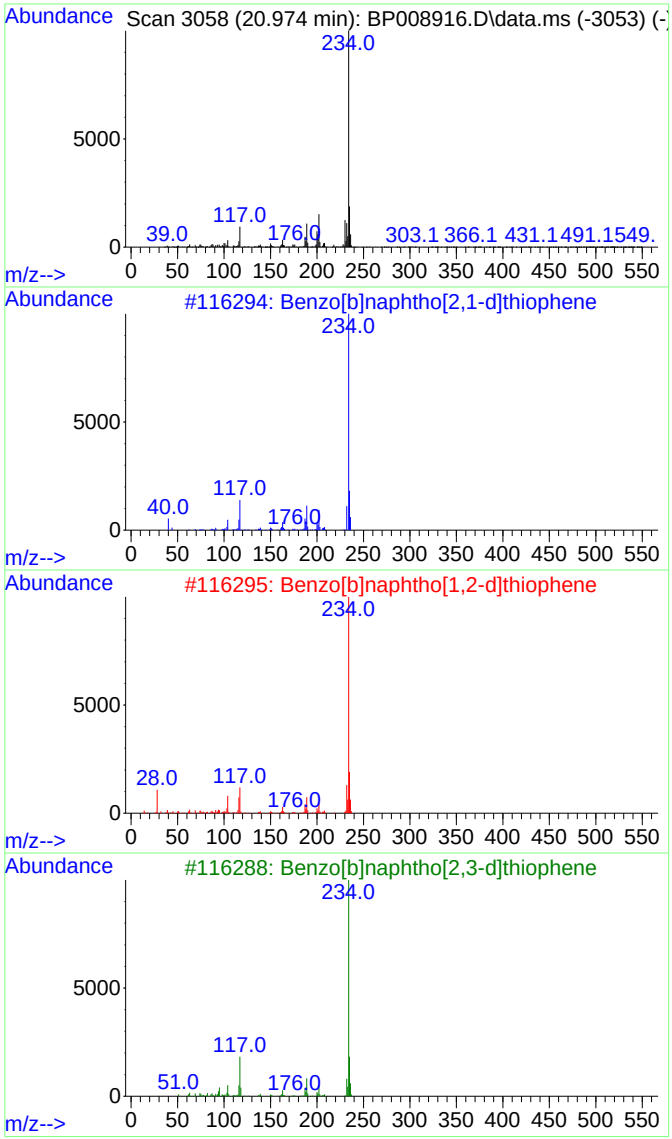
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

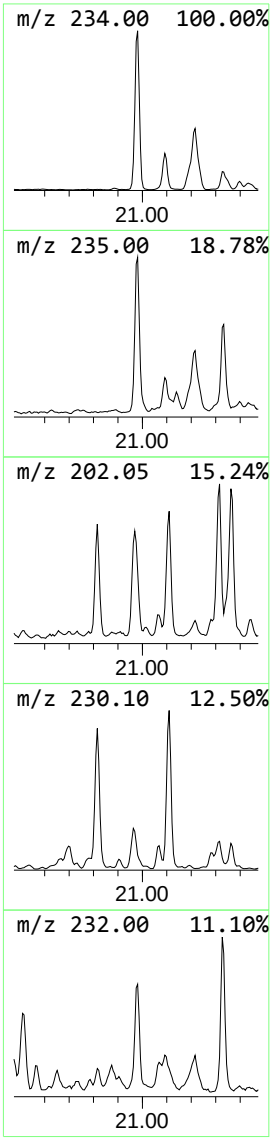
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.974	2.10 ng	1458530	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	64
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64





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Acq On : 25 Jan 2022 19:56
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Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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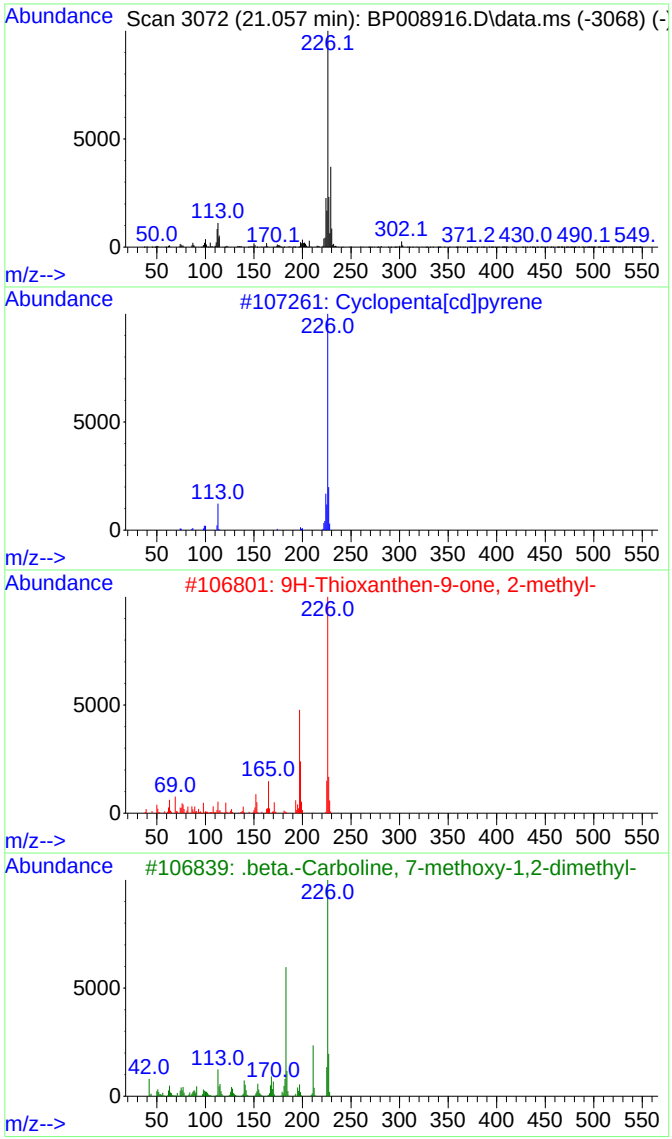
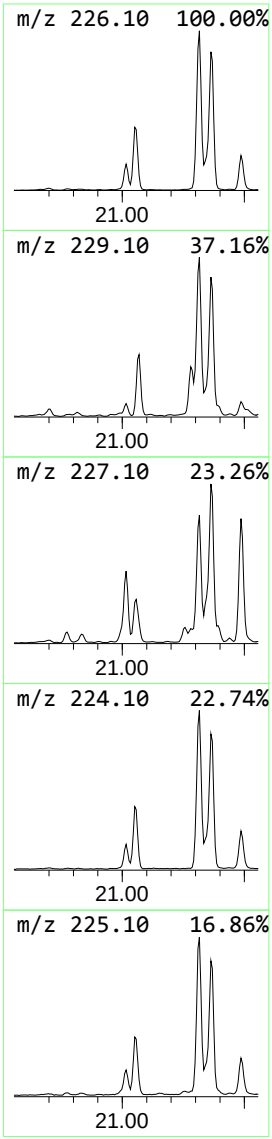
Peak Number 14 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.42 ng	1687540	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	52
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	50
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	40





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Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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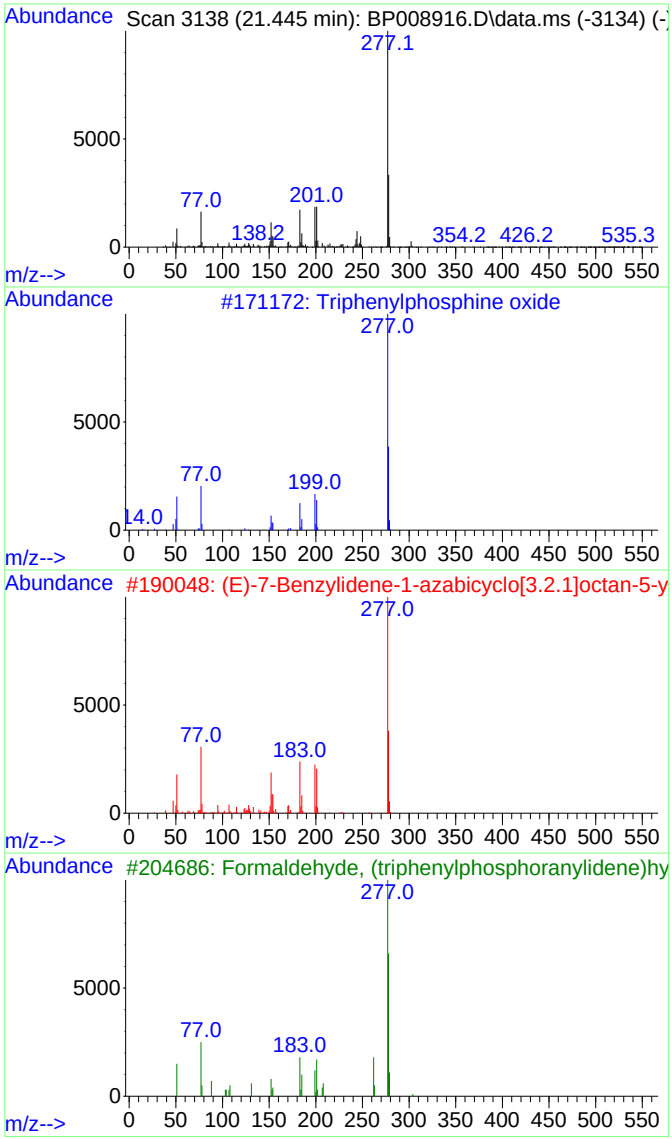
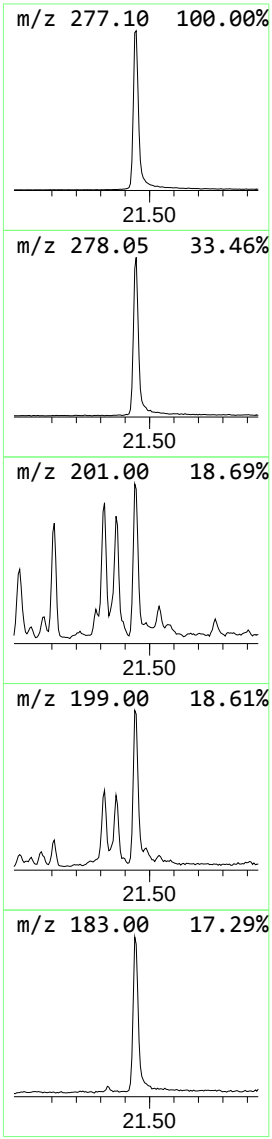
Peak Number 15 Triphenylphosphine oxide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.445	2.03 ng	1414220	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	87
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	37





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Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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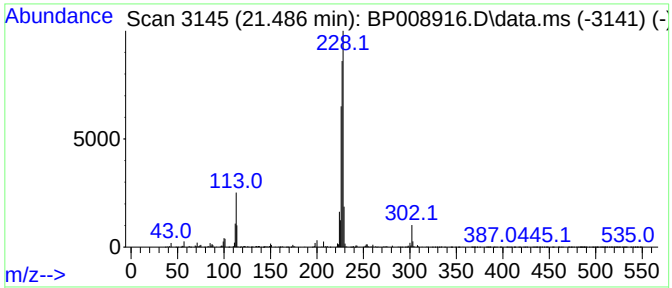
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

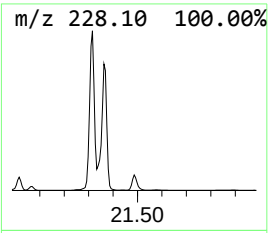
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

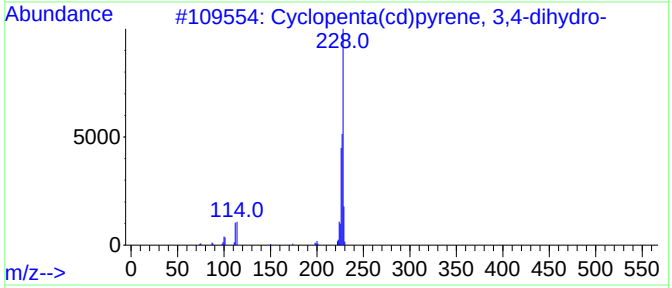
****
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

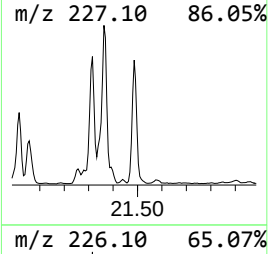
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.486	2.15 ng	1497380	Chrysene-d12	21.327

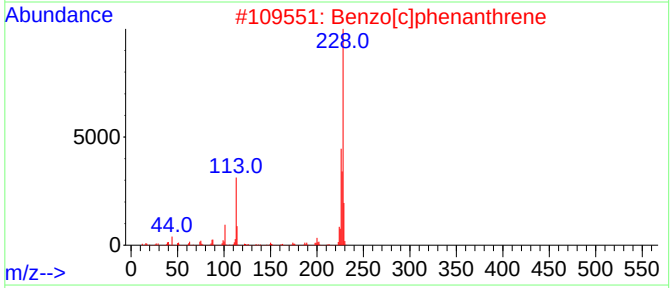
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50

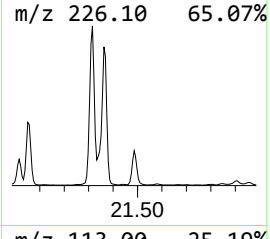


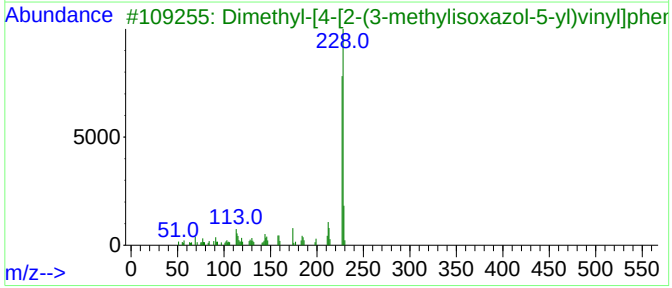


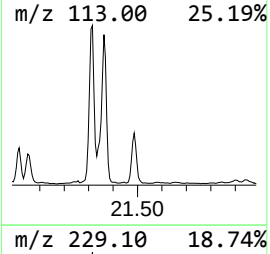


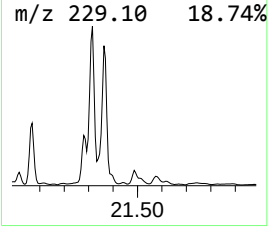












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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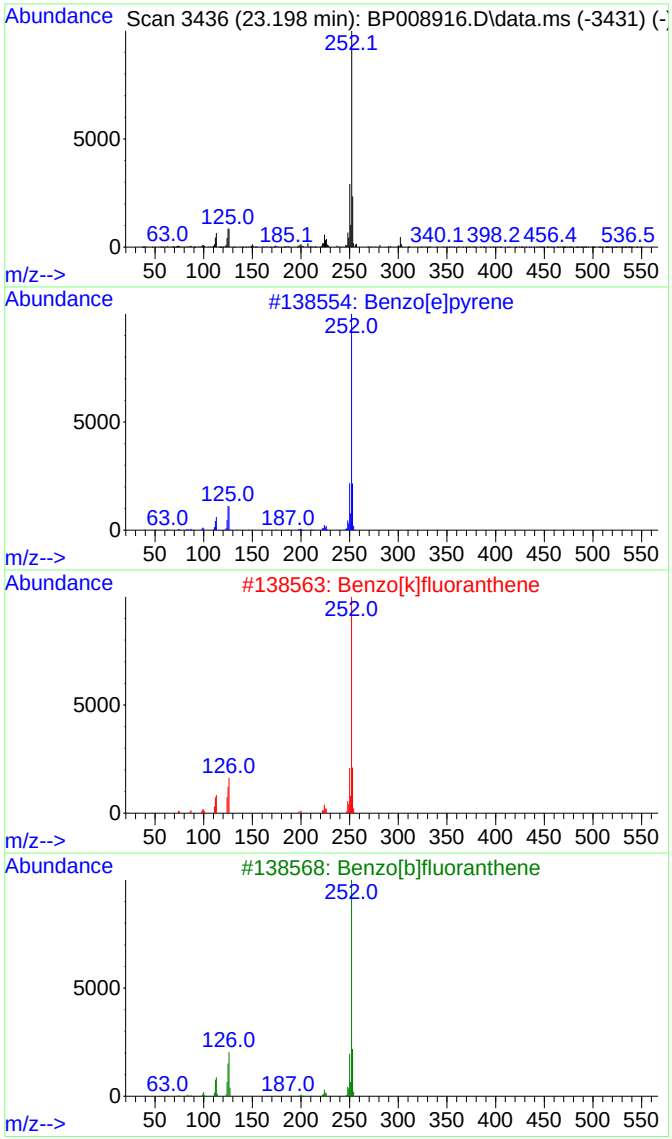
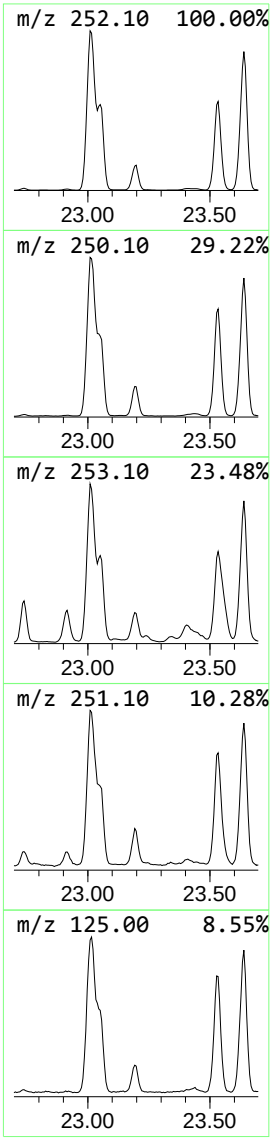
Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.198	6.09 ng	1247000	Perylene-d12	23.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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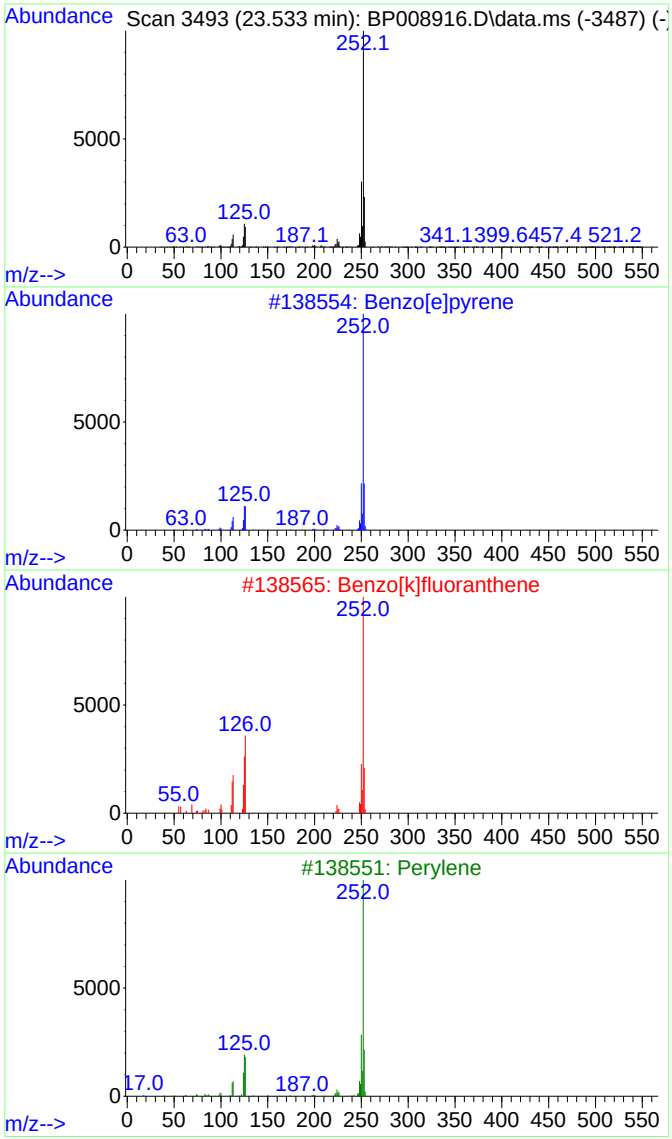
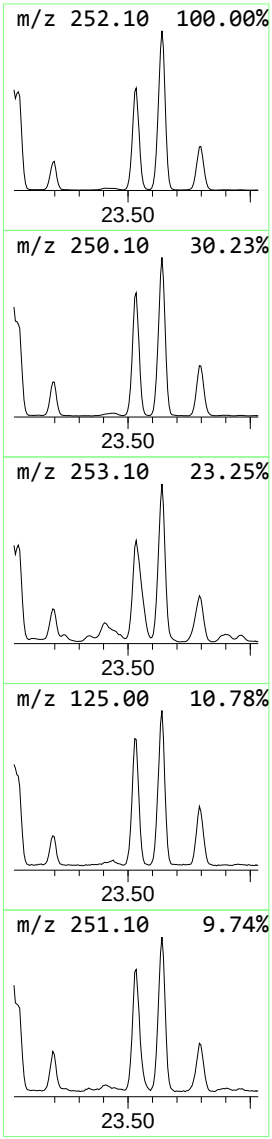
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.533	26.01 ng	5324300	Perylene-d12	23.739

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	Perylene	252	C20H12	000198-55-0	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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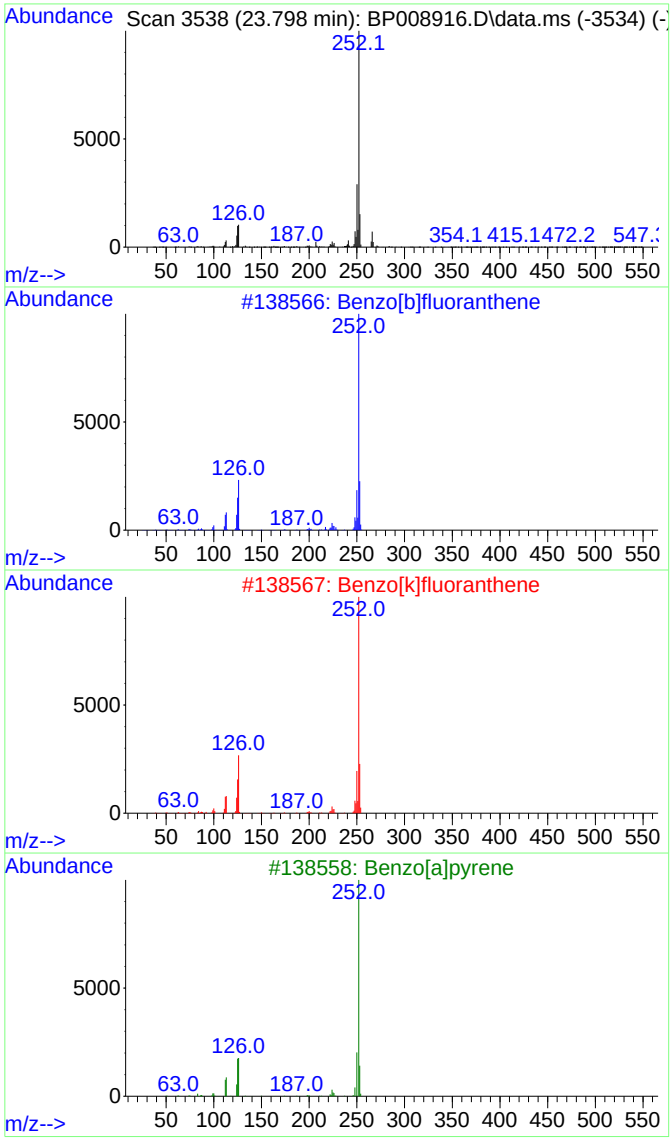
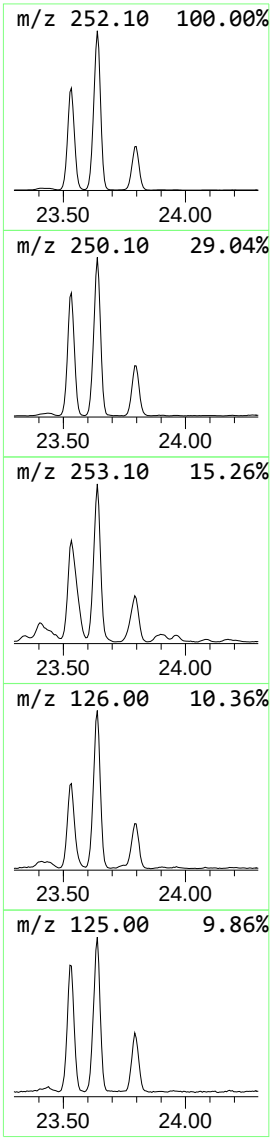
Peak Number 19 unknown23.798 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.798	11.72 ng	2398040	Perylene-d12	23.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3	Benzo[a]pyrene	252	C20H12	000050-32-8	68
4	Benzo[e]pyrene	252	C20H12	000192-97-2	68
5	Perylene	252	C20H12	000198-55-0	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008916.D
Acq On : 25 Jan 2022 19:56
Operator : CG/JU
Sample : N1245-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.034	2.6	ng	183928	1	7.834	1403850	20.0
9H-Fluoren-9-one	16.886	3.3	ng	447825	4	17.233	2752340	20.0
Dibenzothiophene	17.051	3.7	ng	513030	4	17.233	2752340	20.0
Phenanthrene, 2...	18.104	5.8	ng	803475	4	17.233	2752340	20.0
Phenanthrene, 1...	18.151	8.6	ng	1189430	4	17.233	2752340	20.0
1H-Cyclopropa[l...	18.227	2.5	ng	346072	4	17.233	2752340	20.0
4H-Cyclopenta[d...	18.292	11.5	ng	1582870	4	17.233	2752340	20.0
Anthracene, 9-m...	18.327	2.5	ng	342217	4	17.233	2752340	20.0
Naphthalene, 2-...	18.586	4.6	ng	637691	4	17.233	2752340	20.0
9,10-Anthracene...	18.627	4.7	ng	649826	4	17.233	2752340	20.0
Phenanthrene, 2...	18.992	3.2	ng	444656	4	17.233	2752340	20.0
Cyclopenta(def)...	19.127	3.4	ng	468542	4	17.233	2752340	20.0
Benzo[b]naphtho...	20.974	2.1	ng	1458530	5	21.327	13919200	20.0
Cyclopenta[cd]p...	21.057	2.4	ng	1687540	5	21.327	13919200	20.0
Triphenylphosph...	21.445	2.0	ng	1414220	5	21.327	13919200	20.0
Cyclopenta(cd)p...	21.486	2.1	ng	1497380	5	21.327	13919200	20.0
Benzo[e]pyrene	23.198	6.1	ng	1247000	6	23.739	4093530	20.0
Perylene	23.533	26.0	ng	5324300	6	23.739	4093530	20.0
unknown23.798	23.798	11.7	ng	2398040	6	23.739	4093530	20.0