LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007140.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	398	405	421	rBV	4043412	6142994	49.42%	3.613%
2	7.063	668	676	692	rBV	3797779	6226482	50.09%	3.662%
3	7.887	809	816	825	rBV	1106543	1765603	14.20%	1.038%
4	9.052	1004	1014	1024	rBV	2455058	4006488	32.23%	2.356%
5	10.469	1247	1255	1274	rBV	552650	1031202	8.30%	0.607%
6	10.687	1284	1292	1299	rBV	1445494	2477245	19.93%	1.457%
7	13.145	1703	1710	1724	rBV	6422363	9397228	75.60%	5.527%
8	14.516	1936	1943	1949	rBV	2183913	3244143	26.10%	1.908%
9	14.581	1949	1954	1961	rVB	480959	660062	5.31%	0.388%
10	14.916	2006	2011	2020	rBV	111722	171884	1.38%	0.101%
11	15.563	2116	2121	2132	rVB	264269	387415	3.12%	0.228%
12	16.004	2190	2196	2205	rBV	4912852	7247331	58.30%	4.263%
13	16.922	2347	2352	2359	rVB	100852	155930	1.25%	0.092%
14	17.081	2375	2379	2389	rVB	170461	263486	2.12%	0.155%
15	17.269	2404	2411	2414	rBV	2542599	3752703	30.19%	2.207%
16	17.310	2414	2418	2424	rVV	3629470	5044100	40.58%	2.967%
17	17.398	2424	2433	2439	rVV	920289	1370379	11.02%	0.806%
18	17.463	2439	2444	2449	rVB	97467	156919	1.26%	0.092%
19	17.669	2470	2479	2490	rBV	538706	909277	7.32%	0.535%
20	18.133	2553	2558	2559	rBV	334898	391157	3.15%	0.230%
21	18.157	2559	2562	2564	rVV	498948	741017	5.96%	0.436%
22	18.181	2564	2566	2571	rVV	567779	678812	5.46%	0.399%
23	18.257	2575	2579	2584	rVV	187577	288423	2.32%	0.170%
24	18.322	2584	2590	2594	rVV3	696871	1196783	9.63%	0.704%
25	18.357	2594	2596	2602	rVB	241510	266177	2.14%	0.157%
26	18.616	2635	2640	2643	rBV	301701	378927	3.05%	0.223%
27	18.657	2643	2647	2652	rVB	308005	413756	3.33%	0.243%
28	19.022	2704	2709	2713	rBV2	202558	329660	2.65%	0.194%
29	19.157	2727	2732	2739	rBV	216580	358814	2.89%	0.211%
30	19.275	2746	2752	2758	rBV	7661491	10304571	82.90%	6.061%
31	19.386	2765	2771	2779	rBV3	315933	633935	5.10%	0.373%
32	19.510	2789	2792	2796	rVB	204782	236441	1.90%	0.139%
33	19.598	2802	2807	2808	rBV	1401194	1729330	13.91%	1.017%
34	19.627	2808	2812	2819	rVV	6576920	8850444	71.20%	5.206%
35	19.692	2820	2823	2830	rVB3	259891	398630	3.21%	0.234%
36	19.822	2837	2845	2850	rBV	9476727	12430223	100.00%	7.311%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.863	2850	2852	2857	rVB	401030	434537	3.50%	0.256%
38	19.939	2860	2865	2871	rBV4	337252	853433	6.87%	0.502%
39	19.992	2871	2874	2879	rVV	191049	233062	1.87%	0.137%
40	20.075	2882	2888	2889	rVV3	306781	488858	3.93%	0.288%
41	20.110	2890	2894	2899	rVB	976277	1373305	11.05%	0.808%
42	20.204	2906	2910	2914	rBV	686519	895403	7.20%	0.527%
43	20.263	2914	2920	2923	rVV3	516309	873422	7.03%	0.514%
44	20.298	2923	2926	2930	rVB	355573	424042	3.41%	0.249%
45	20.398	2939	2943	2947	rBV	382295	514962	4.14%	0.303%
46	20.445	2947	2951	2954	rVV	313569	414198	3.33%	0.244%
47	20.839	3014	3018	3024	rVB	594618	814292	6.55%	0.479%
48	21.004	3040	3046	3049	rBV2	698428	1195834	9.62%	0.703%
49	21.039	3049	3052	3054	rVV	622742	864423	6.95%	0.508%
50	21.074	3054	3058	3063	rVV3	895488	2016602	16.22%	1.186%
51	21.127	3063	3067	3074	rVB2	922263	1314409	10.57%	0.773%
52	21.257	3087	3089	3093	rVB2	323719	347935	2.80%	0.205%
53	21.339	3094	3103	3108	rVV3	5574840	11878638	95.56%	6.987%
54	21.386	3108	3111	3121	rVB	4106665	5468625	43.99%	3.216%
55	21.510	3128	3132	3138	rBV	889306	1211419	9.75%	0.713%
56	21.669	3155	3159	3165	rBV2	748793	1171044	9.42%	0.689%
57	23.027	3383	3390	3395	rBV	4021805	9981506	80.30%	5.871%
58	23.210	3417	3421	3428	rVB	791085	1288643	10.37%	0.758%
59	23.551	3473	3479	3488	rVB	2704710	5494516	44.20%	3.232%
60	23.657	3490	3497	3504	rVV	3705333	7434147	59.81%	4.373%
61	23.763	3508	3515	3519	rVV2	2017645	4491966	36.14%	2.642%
62	23.810	3520	3523	3532	rVB	1248351	2544651	20.47%	1.497%
63	26.280	3934	3943	3956	rVB2	2070039	6726859	54.12%	3.957%
64	27.057	4067	4075	4094	rVB2	1481290	5230682	42.08%	3.077%

Sum of corrected areas: 170019384

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
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Acq On : 23 Sep 2021 23:53
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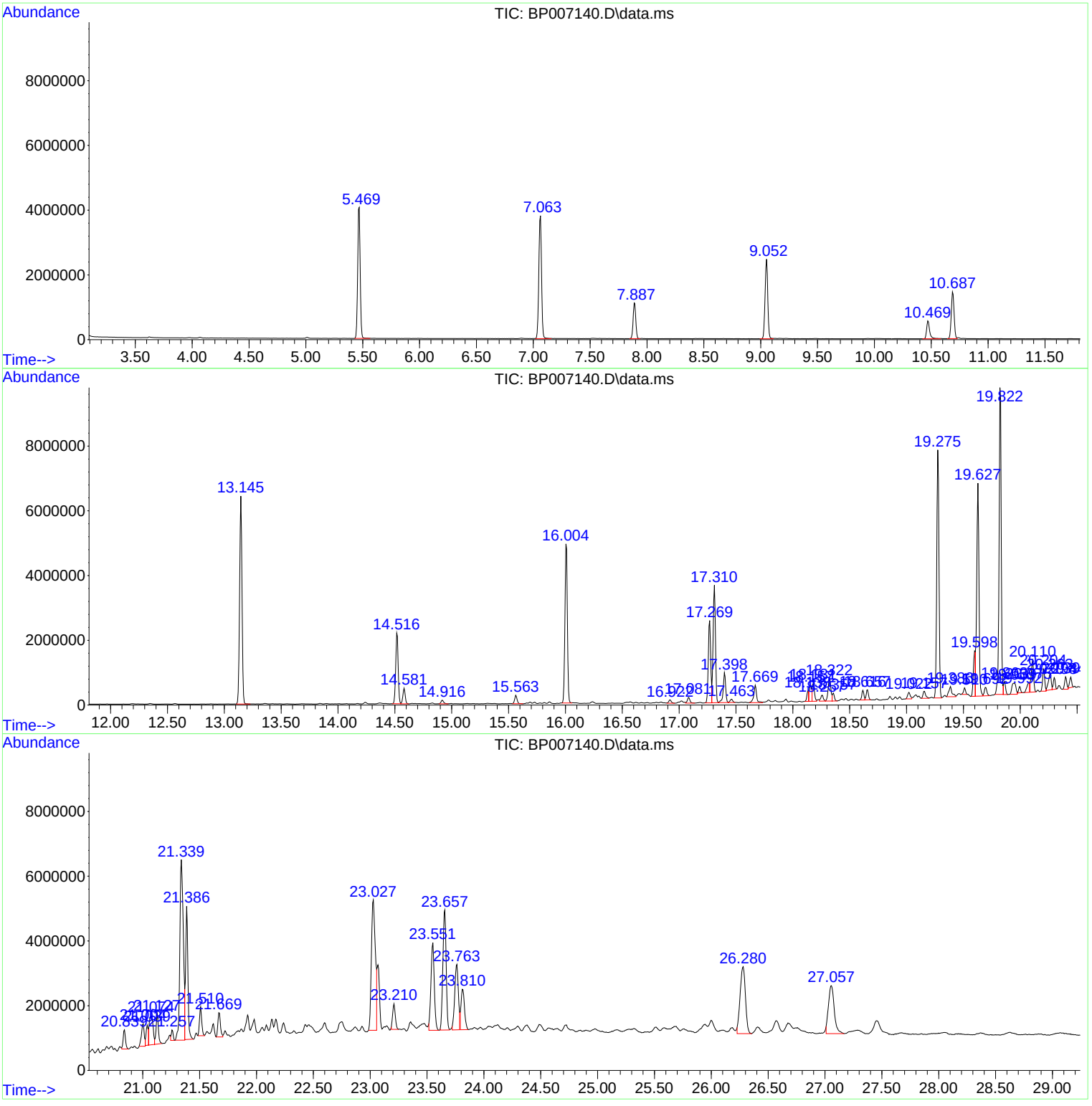
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP092321\
Data File : BP007140.D
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Operator : CG/JU
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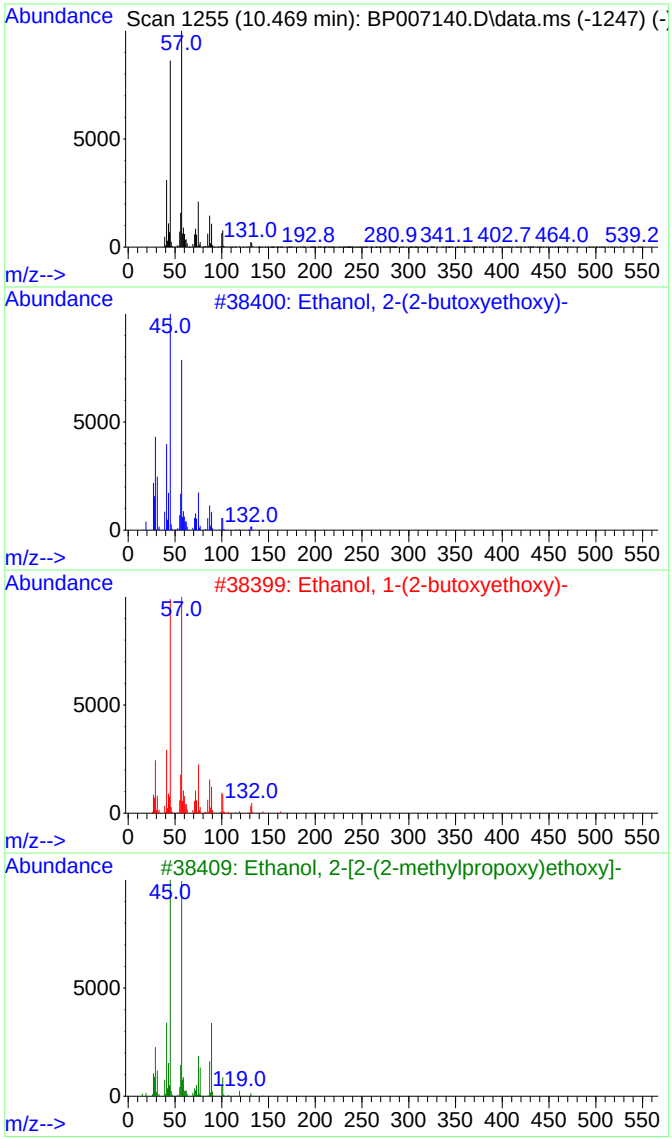
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

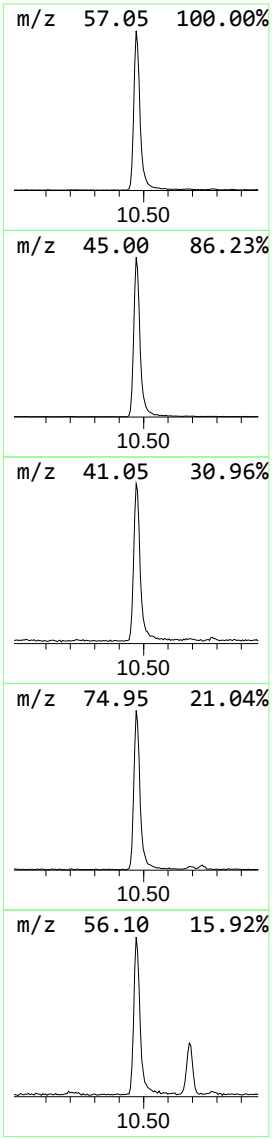
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	8.33 ng	1031200	Naphthalene-d8	10.687

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	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

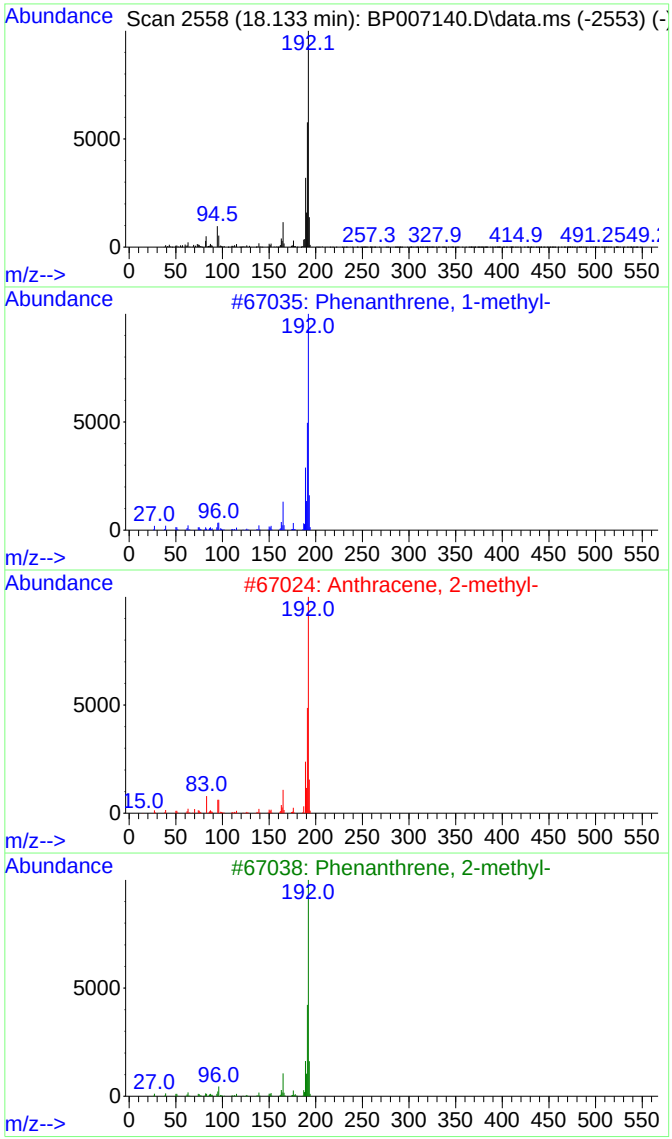
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

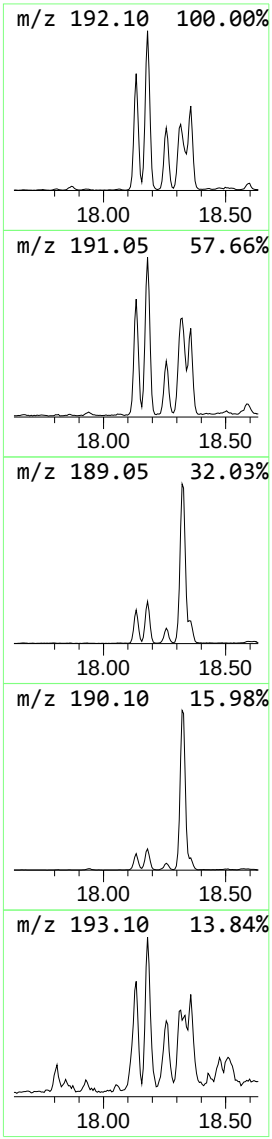
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	2.08 ng	391157	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

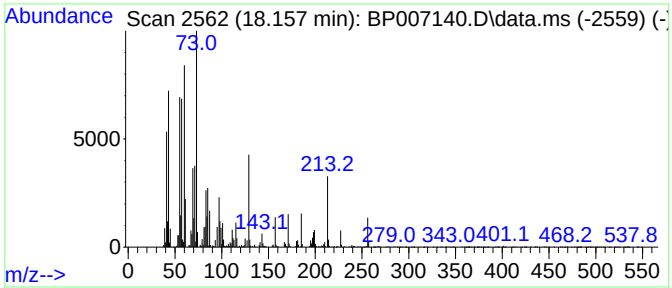
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

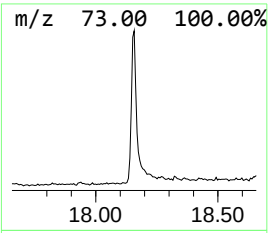
****

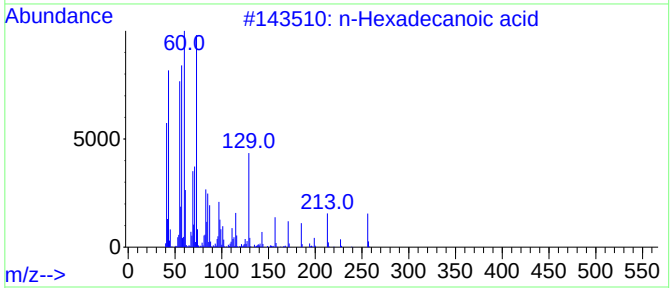
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

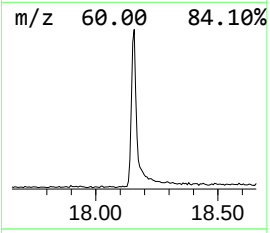
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	3.95 ng	741017	Phenanthrene-d10	17.269

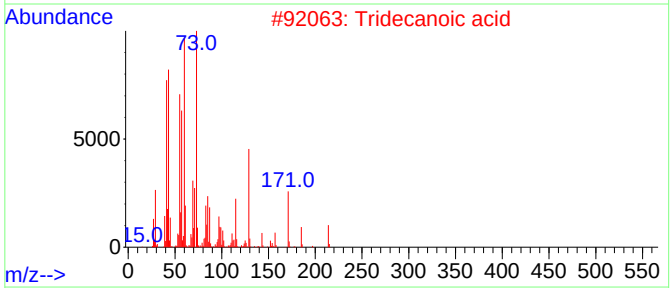
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	64

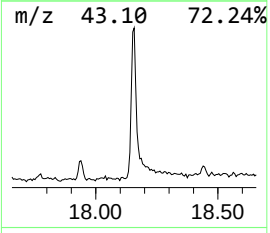


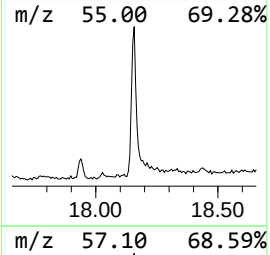


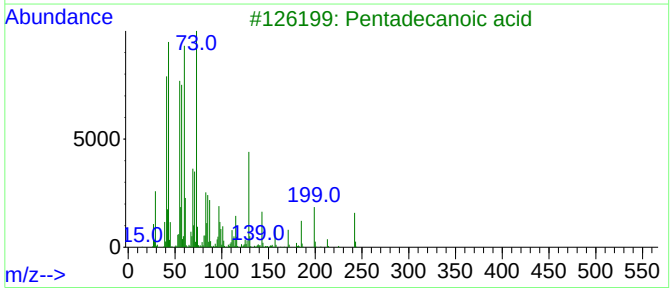


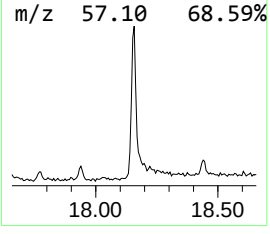












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
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Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

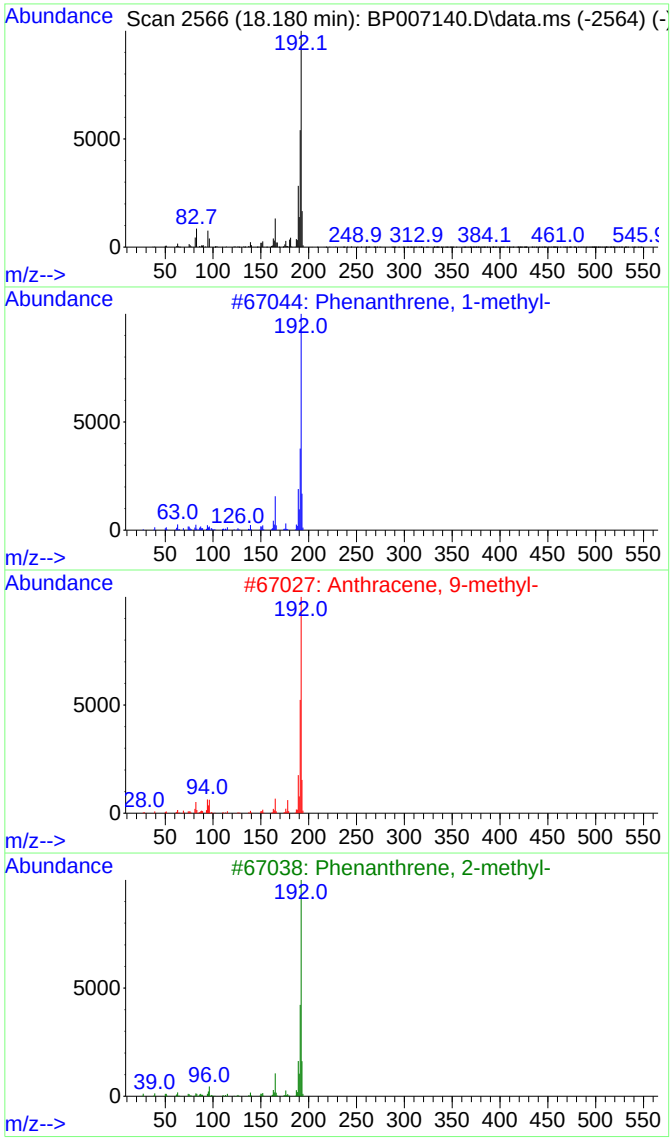
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

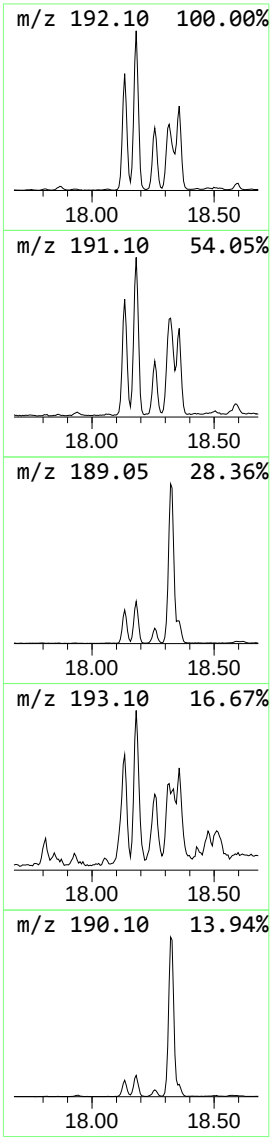
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	3.62 ng	678812	Phenanthrene-d10	17.269

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





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Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

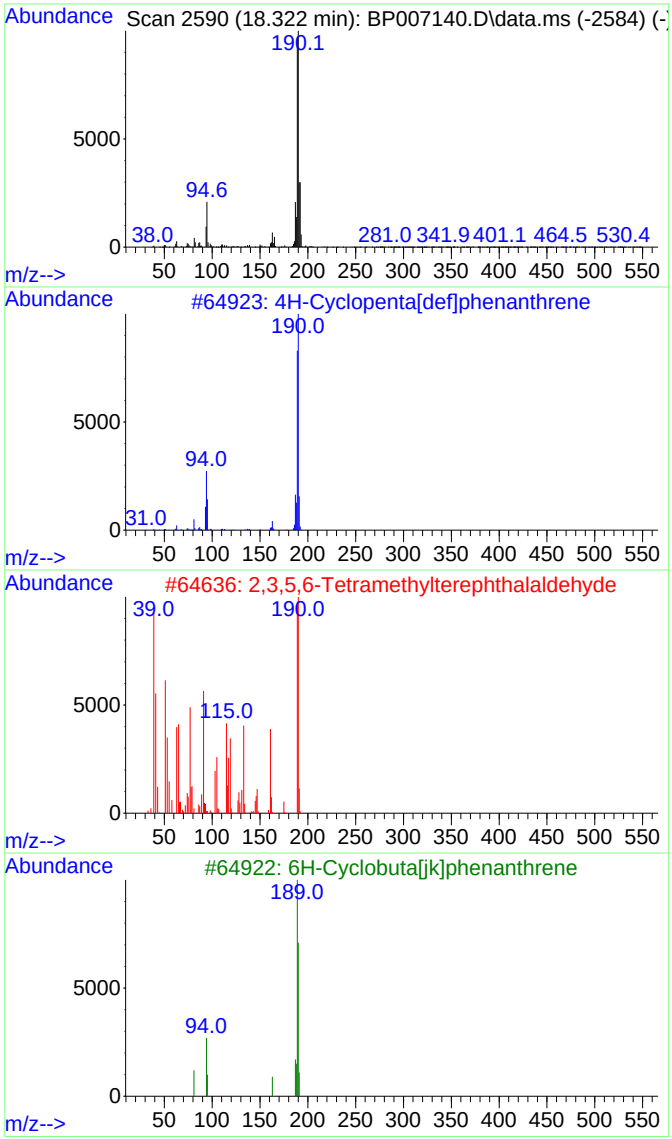
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

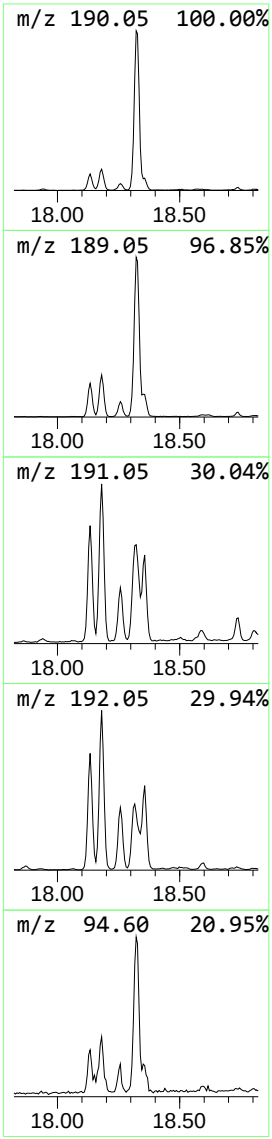
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	6.38 ng	1196780	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

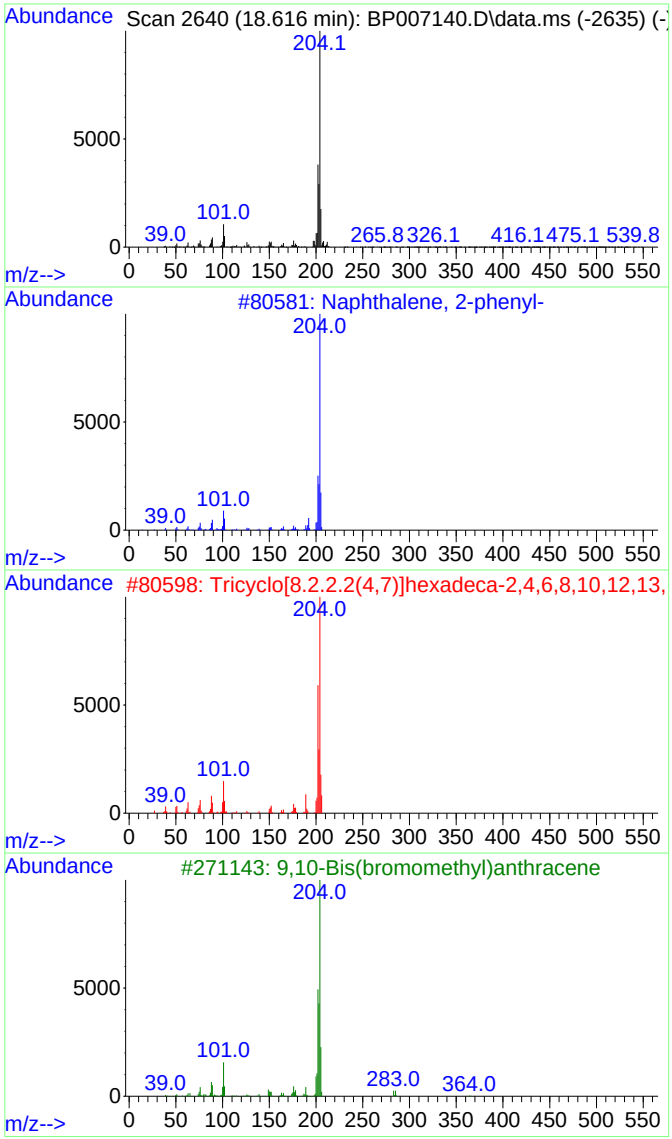
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

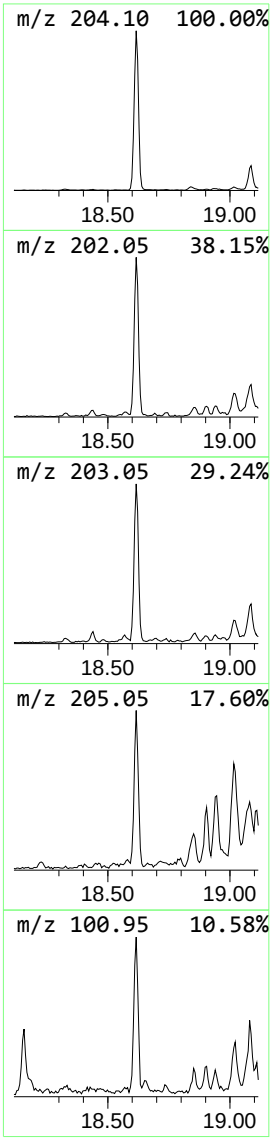
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	2.02 ng	378927	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

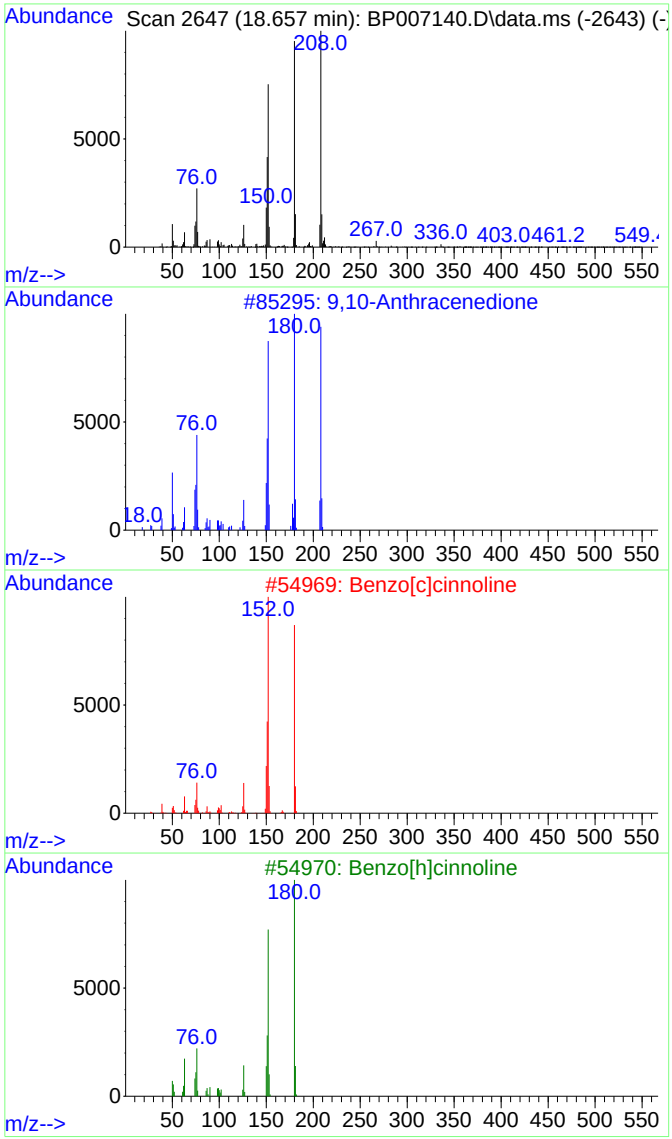
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

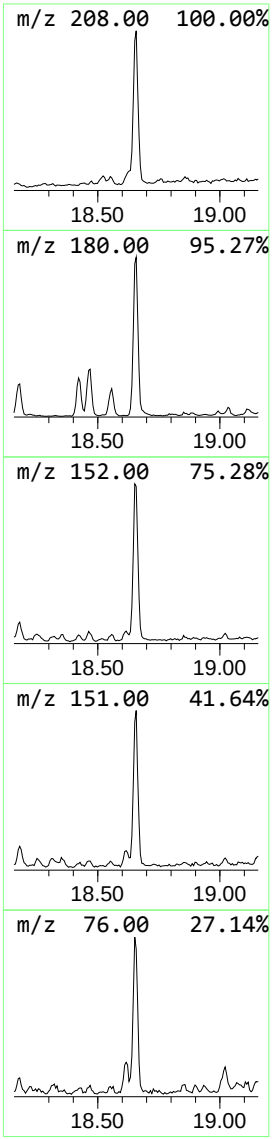
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	2.21 ng	413756	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

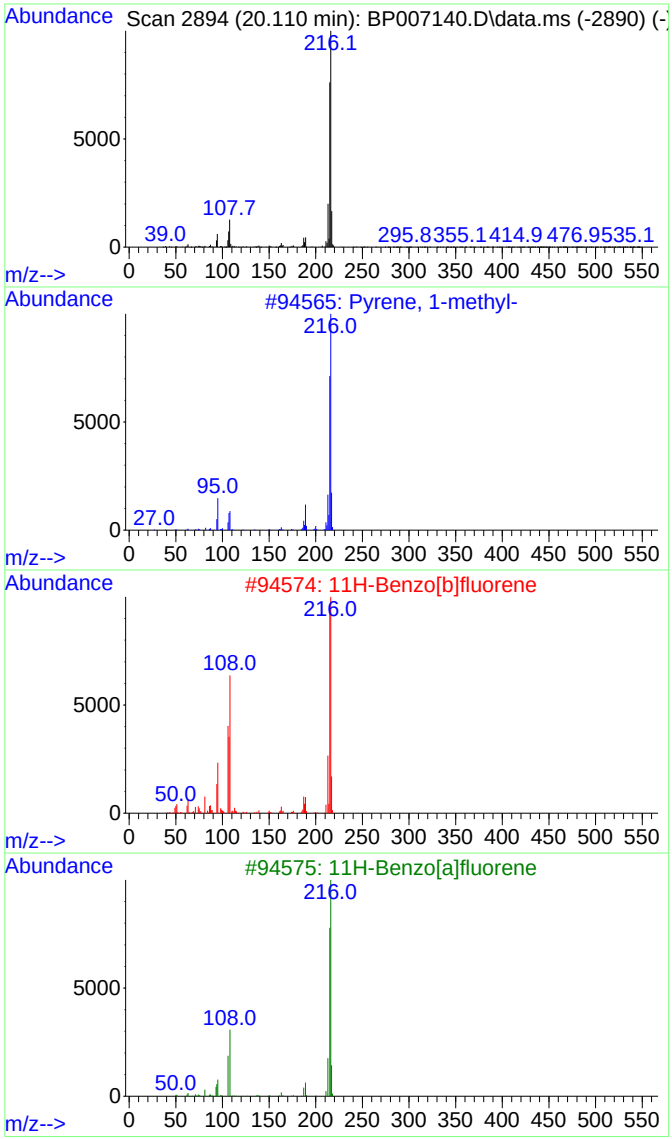
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

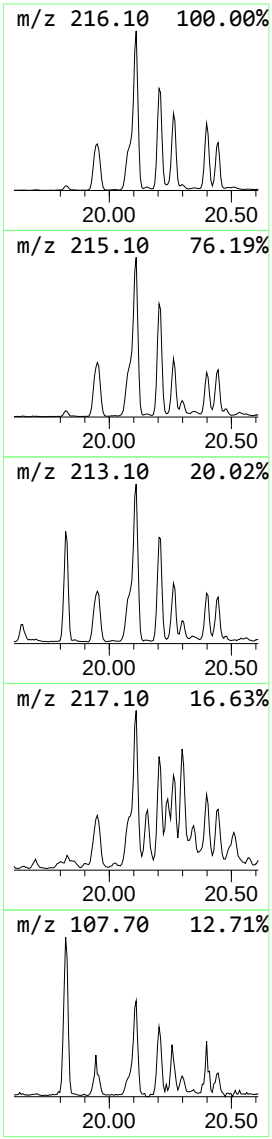
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	2.31 ng	1373310	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

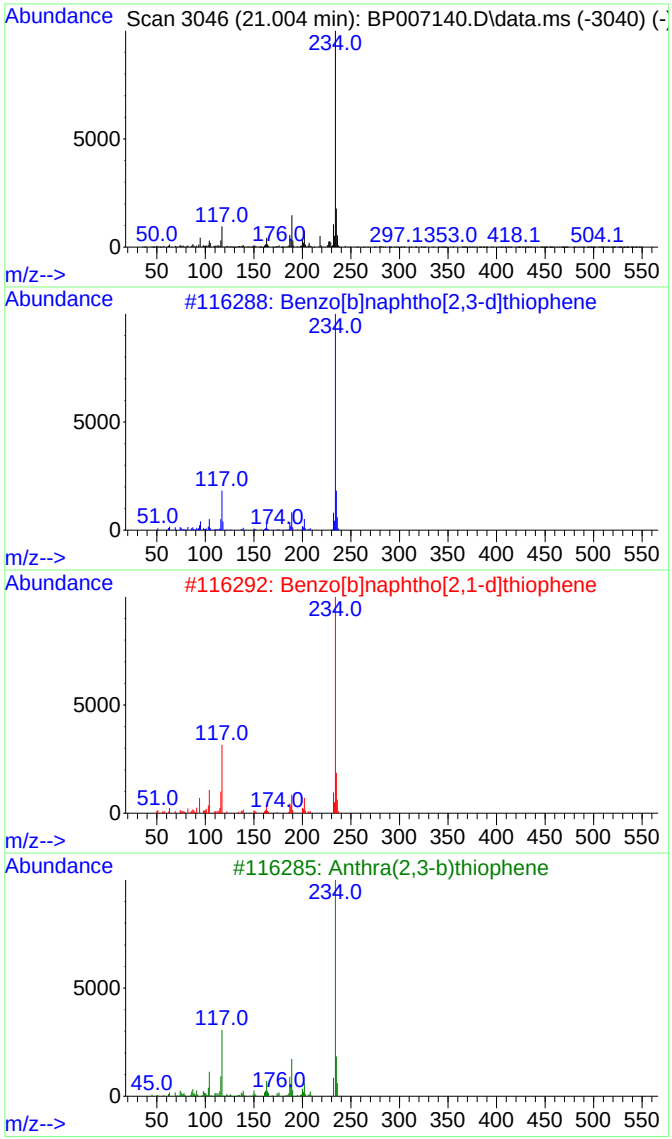
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

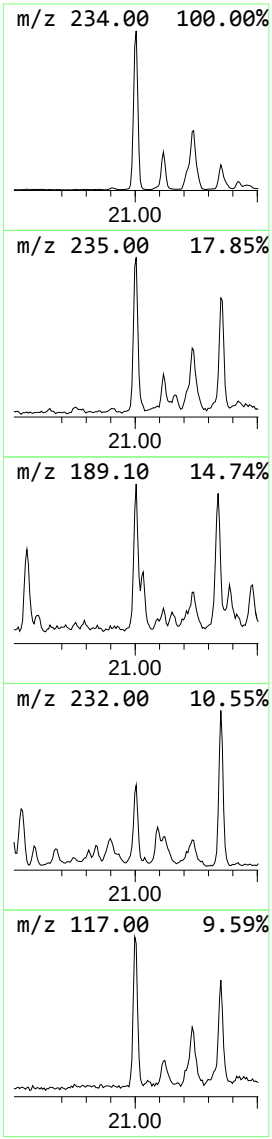
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.004	2.01 ng	1195830	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
5	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	59





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Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

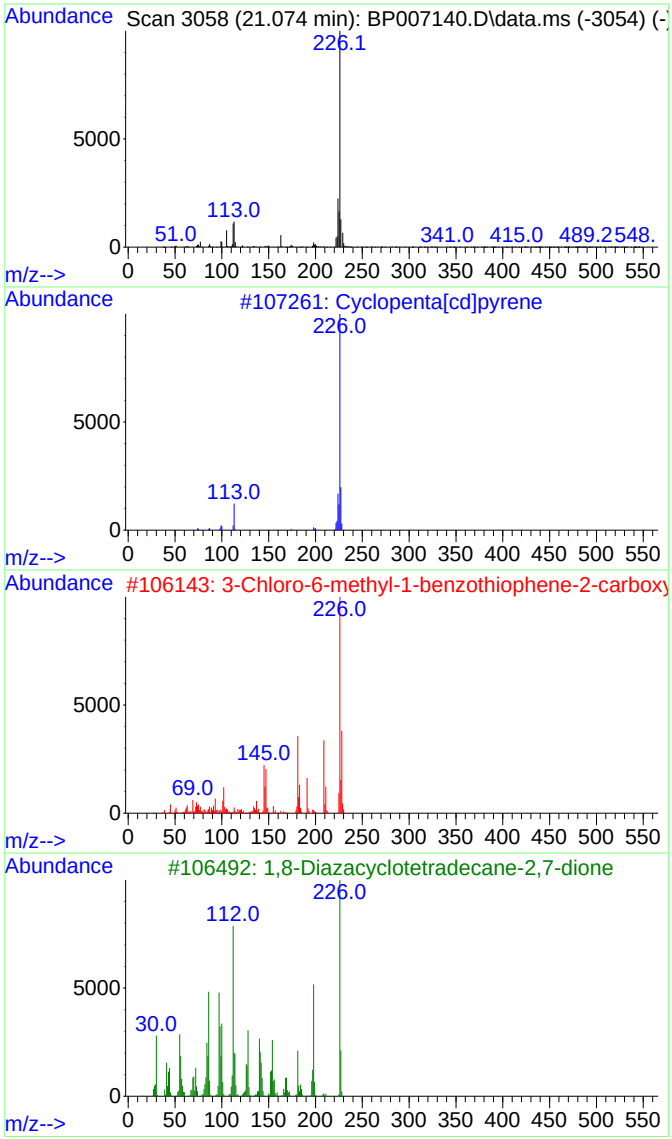
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

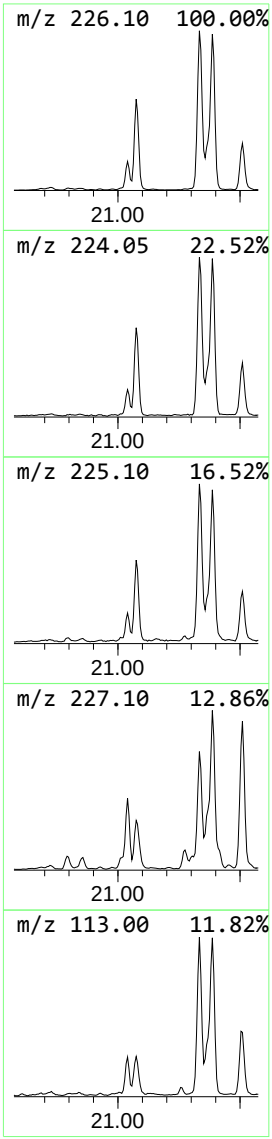
****

Peak Number 10 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.075	3.40 ng	2016600	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	50
3	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	47
4	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38





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Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

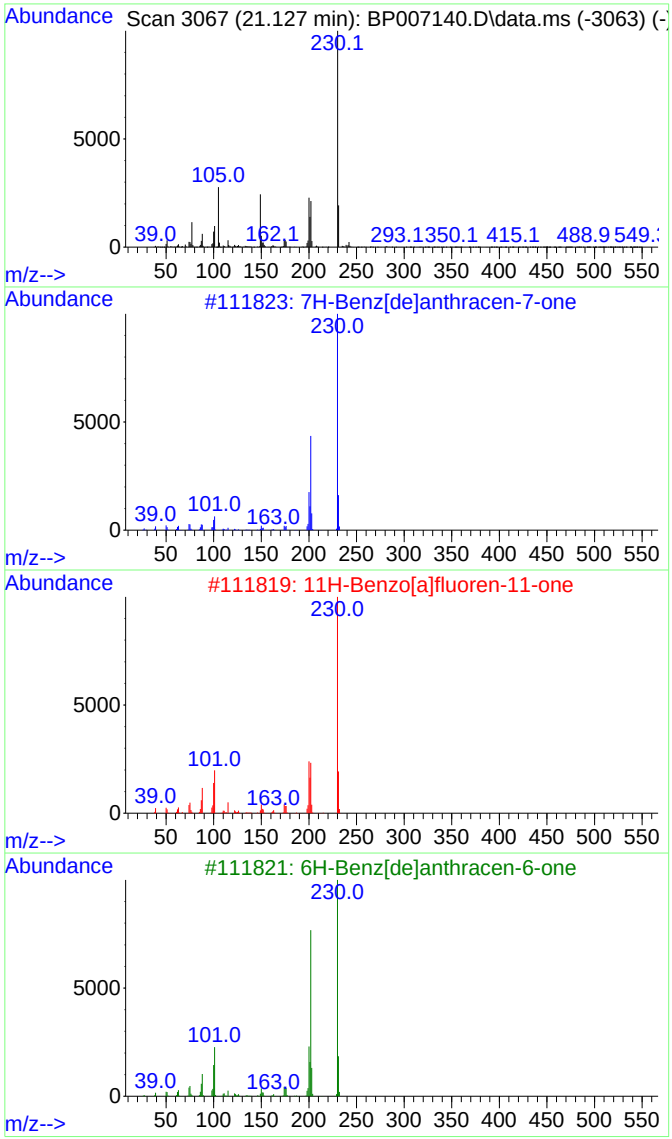
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

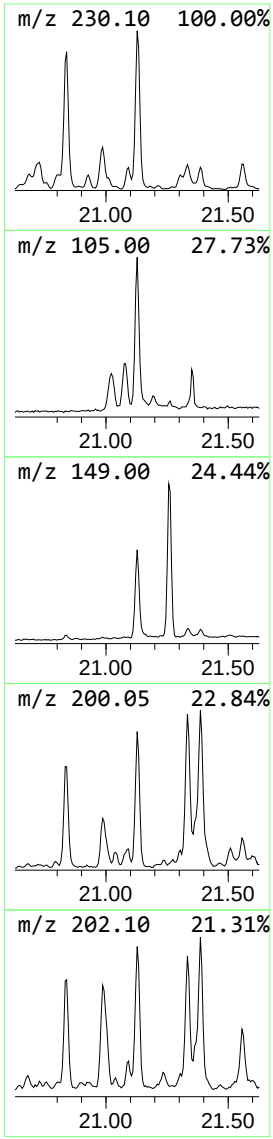
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	2.21 ng	1314410	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	68
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	52
4	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	47
5	m-Terphenyl	230	C18H14	000092-06-8	43





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Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

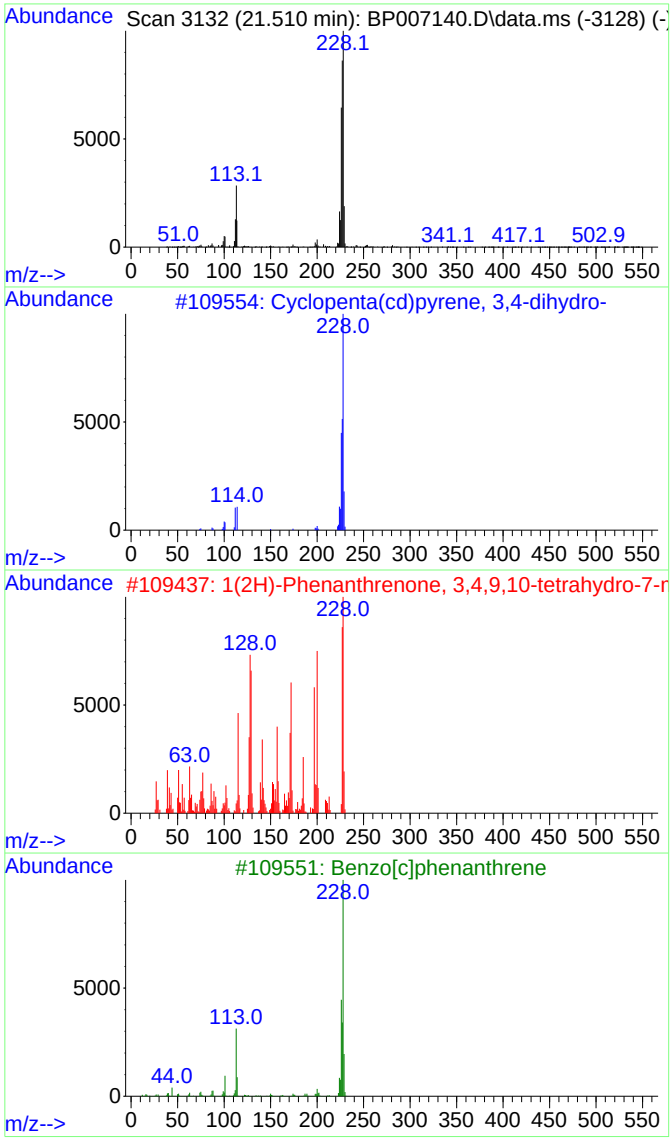
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

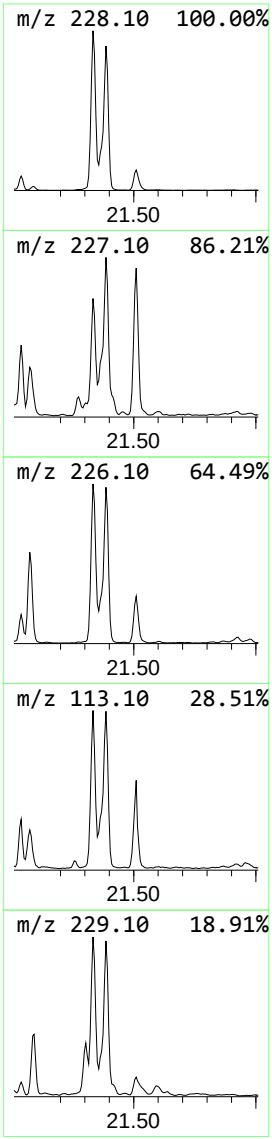
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.510	2.04 ng	1211420	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	55
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	52
5	Chrysene	228	C18H12	000218-01-9	50





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Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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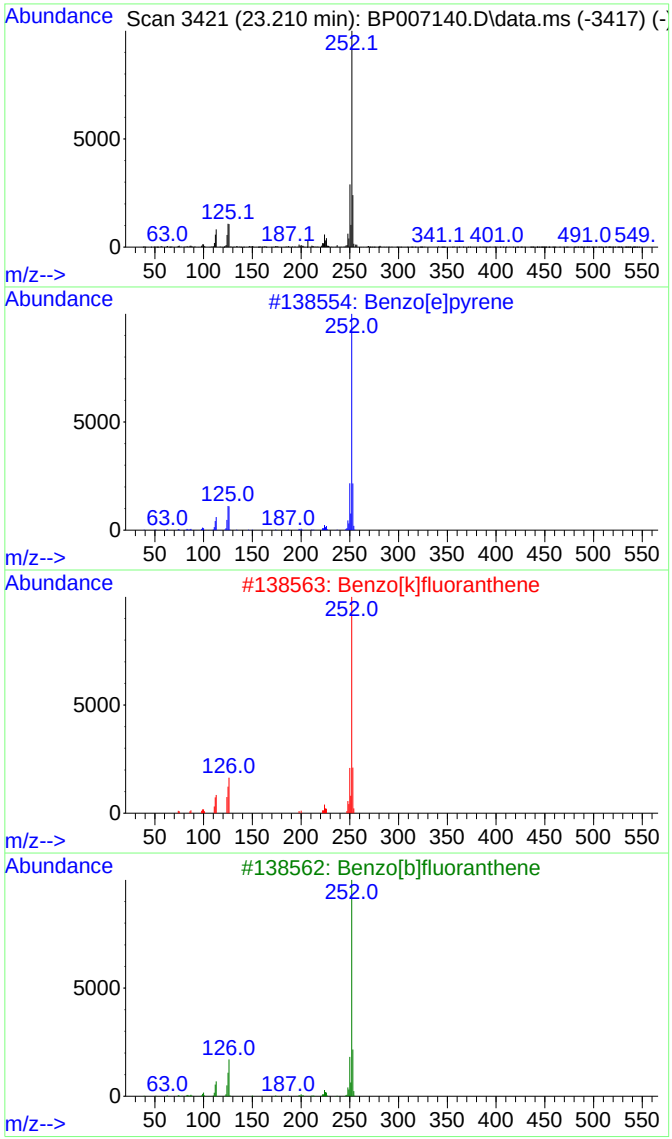
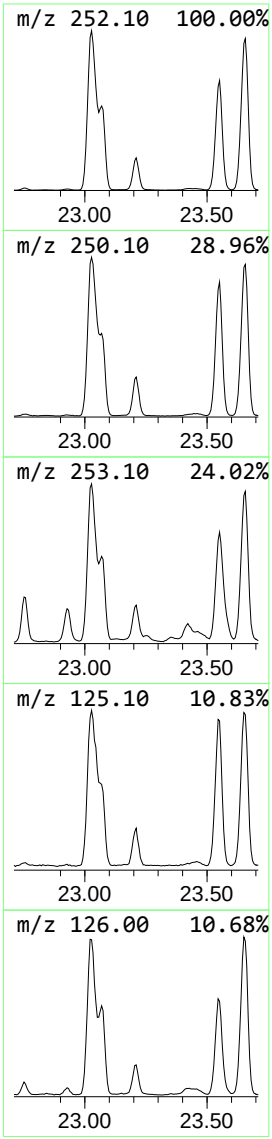
Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.210	5.74 ng	1288640	Perylene-d12	23.763

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	Perylene	252	C20H12	000198-55-0	74





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Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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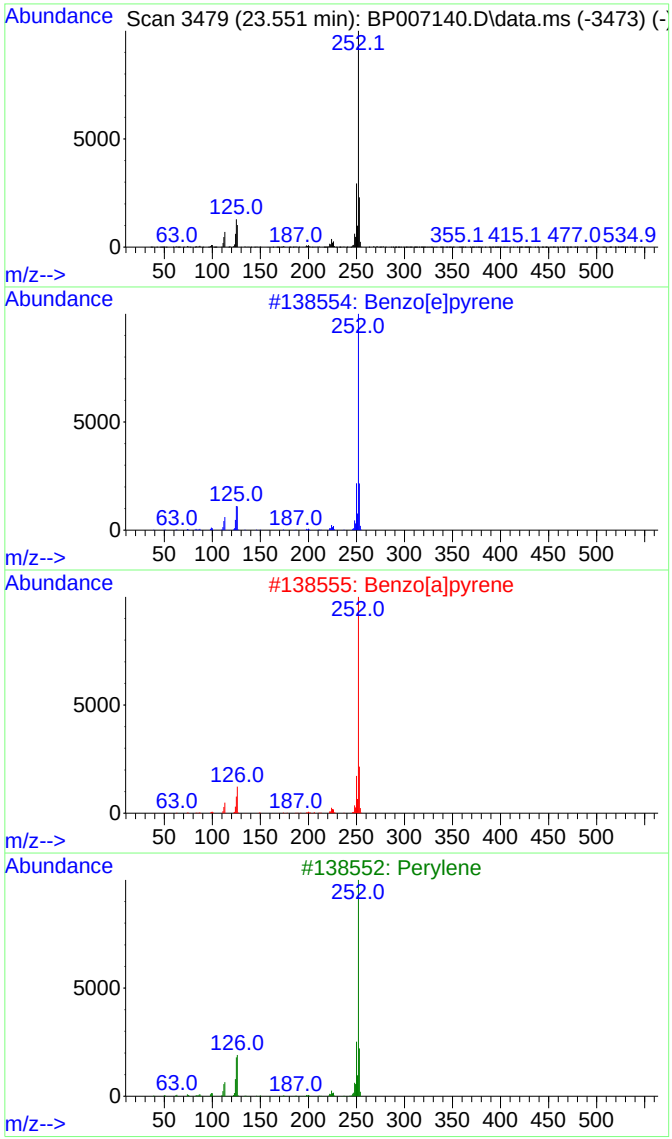
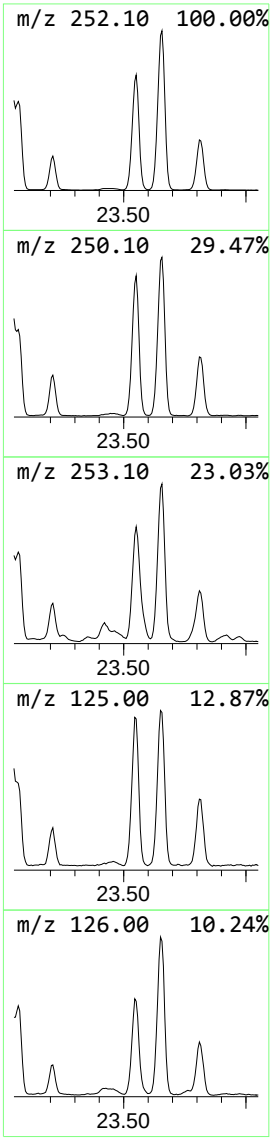
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	24.46 ng	5494520	Perylene-d12	23.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007140.D
Acq On : 23 Sep 2021 23:53
Operator : CG/JU
Sample : M3886-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
Ethanol, 2-(2-b...	10.469	8.3	ng	1031200	2	10.687	2477250	20.0
Phenanthrene, 1...	18.134	2.1	ng	391157	4	17.269	3752700	20.0
n-Hexadecanoic ...	18.157	4.0	ng	741017	4	17.269	3752700	20.0
Anthracene, 9-m...	18.180	3.6	ng	678812	4	17.269	3752700	20.0
4H-Cyclopenta[d...	18.322	6.4	ng	1196780	4	17.269	3752700	20.0
Naphthalene, 2-...	18.616	2.0	ng	378927	4	17.269	3752700	20.0
9,10-Anthracene...	18.657	2.2	ng	413756	4	17.269	3752700	20.0
Pyrene, 1-methyl-	20.110	2.3	ng	1373310	5	21.351	11878600	20.0
Benzo[b]naphtho...	21.004	2.0	ng	1195830	5	21.351	11878600	20.0
Cyclopenta[cd]p...	21.075	3.4	ng	2016600	5	21.351	11878600	20.0
7H-Benz[de]anth...	21.127	2.2	ng	1314410	5	21.351	11878600	20.0
Cyclopenta(cd)p...	21.510	2.0	ng	1211420	5	21.351	11878600	20.0
Benzo[e]pyrene	23.210	5.7	ng	1288640	6	23.763	4491970	20.0
Perylene	23.551	24.5	ng	5494520	6	23.763	4491970	20.0