LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007156.D
Acq On : 24 Sep 2021 13:25
Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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: BP007156.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.999	320	325	338	rVB	276798	410694	4.19%	0.321%
2	5.463	397	404	414	rBV	2864277	4153988	42.43%	3.245%
3	7.057	668	675	693	rBV	2739781	4374666	44.68%	3.417%
4	7.887	809	816	825	rBV	781589	1248597	12.75%	0.975%
5	9.052	1003	1014	1032	rBV	1703590	2838074	28.99%	2.217%
6	10.481	1249	1257	1269	rBV	94852	207052	2.11%	0.162%
7	10.687	1283	1292	1297	rBV	1002870	1745458	17.83%	1.363%
8	10.740	1297	1301	1308	rVB	523271	835355	8.53%	0.653%
9	12.351	1567	1575	1582	rBV	233793	367022	3.75%	0.287%
10	12.569	1604	1612	1621	rVB	137958	222767	2.28%	0.174%
11	13.145	1703	1710	1721	rBV	4441570	6478436	66.17%	5.060%
12	13.357	1741	1746	1753	rBV	64898	100277	1.02%	0.078%
13	13.845	1822	1829	1834	rBV	89304	162546	1.66%	0.127%
14	14.522	1935	1944	1949	rBV	1587033	2347622	23.98%	1.834%
15	14.587	1949	1955	1962	rVB	775828	1174715	12.00%	0.918%
16	14.922	2005	2012	2020	rBV	464571	710997	7.26%	0.555%
17	15.569	2115	2122	2132	rVB	897966	1284740	13.12%	1.004%
18	15.734	2146	2150	2154	rVB	130322	177093	1.81%	0.138%
19	15.863	2168	2172	2181	rVB	152053	224709	2.30%	0.176%
20	16.010	2191	2197	2205	rBV	4023549	5772155	58.96%	4.509%
21	16.245	2232	2237	2243	rVB2	61702	101667	1.04%	0.079%
22	16.575	2282	2293	2298	rBV3	156148	345050	3.52%	0.270%
23	16.922	2347	2352	2360	rVB	139486	232708	2.38%	0.182%
24	16.998	2361	2365	2372	rBV	76883	152740	1.56%	0.119%
25	17.086	2376	2380	2390	rVB	353653	532207	5.44%	0.416%
26	17.269	2406	2411	2415	rBV	1897273	2875343	29.37%	2.246%
27	17.316	2415	2419	2425	rVV	5901652	8222315	83.98%	6.423%
28	17.404	2425	2434	2440	rVV	1935538	2867851	29.29%	2.240%
29	17.463	2440	2444	2451	rVB	189259	293763	3.00%	0.229%
30	17.675	2470	2480	2485	rBV2	814610	1302076	13.30%	1.017%
31	17.792	2495	2500	2505	rBV4	75753	119886	1.22%	0.094%
32	17.851	2506	2510	2517	rVB5	83567	161003	1.64%	0.126%
33	17.992	2529	2534	2542	rVB	51548	98431	1.01%	0.077%
34	18.139	2549	2559	2561	rBV	651914	978281	9.99%	0.764%
35	18.186	2564	2567	2573	rVV	1015552	1392386	14.22%	1.088%
36	18.263	2575	2580	2585	rVV	459016	669309	6.84%	0.523%

LSC Area Percent Report

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Acq On : 24 Sep 2021 13:25
Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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	18.327	2585	2591	2595	rVV2	1097771	1808155	18.47%	1.412%
38	18.363	2595	2597	2603	rVB	389096	437504	4.47%	0.342%
39	18.433	2603	2609	2612	rBV2	89742	146539	1.50%	0.114%
40	18.475	2612	2616	2620	rVB2	101988	133180	1.36%	0.104%
41	18.622	2636	2641	2645	rBV	483902	590059	6.03%	0.461%
42	18.663	2645	2648	2652	rVB	222636	268506	2.74%	0.210%
43	18.857	2677	2681	2685	rBV3	139050	186626	1.91%	0.146%
44	18.910	2686	2690	2693	rBV	105741	124592	1.27%	0.097%
45	18.945	2693	2696	2700	rVB2	123848	145844	1.49%	0.114%
46	19.022	2704	2709	2715	rBV2	247929	468130	4.78%	0.366%
47	19.092	2716	2721	2723	rBV3	134431	192536	1.97%	0.150%
48	19.163	2729	2733	2741	rVB3	168350	309758	3.16%	0.242%
49	19.280	2747	2753	2759	rBV	6744125	8901926	90.92%	6.953%
50	19.380	2766	2770	2775	rBV3	168493	314007	3.21%	0.245%
51	19.469	2781	2785	2787	rBV4	64262	98860	1.01%	0.077%
52	19.516	2790	2793	2797	rVB	159760	215210	2.20%	0.168%
53	19.610	2803	2809	2810	rBV2	1446453	2198289	22.45%	1.717%
54	19.633	2810	2813	2821	rVV	5156964	7098150	72.50%	5.545%
55	19.704	2821	2825	2832	rVB2	317333	474945	4.85%	0.371%
56	19.827	2838	2846	2851	rBV	7501606	9790518	100.00%	7.648%
57	19.869	2851	2853	2858	rVB	344326	401333	4.10%	0.313%
58	19.945	2861	2866	2868	rBV	363383	646435	6.60%	0.505%
59	20.004	2873	2876	2879	rVB	139066	148225	1.51%	0.116%
60	20.080	2883	2889	2891	rBV5	259886	479712	4.90%	0.375%
61	20.116	2891	2895	2900	rVB	1400604	1797207	18.36%	1.404%
62	20.163	2900	2903	2906	rBV	79290	99638	1.02%	0.078%
63	20.216	2907	2912	2915	rBV	1168525	1498521	15.31%	1.171%
64	20.269	2915	2921	2925	rVV2	552161	942964	9.63%	0.737%
65	20.310	2925	2928	2931	rVB	168994	174454	1.78%	0.136%
66	20.351	2931	2935	2939	rVB2	166310	213988	2.19%	0.167%
67	20.410	2941	2945	2948	rBV	215145	276382	2.82%	0.216%
68	20.451	2948	2952	2956	rBV2	251793	355322	3.63%	0.278%
69	20.692	2990	2993	2996	rBV3	174251	233164	2.38%	0.182%
70	20.804	3009	3012	3016	rBV	178059	299335	3.06%	0.234%
71	20.845	3016	3019	3026	rVB	297001	481844	4.92%	0.376%
72	21.010	3043	3047	3050	rBV	496305	610077	6.23%	0.477%
73	21.045	3050	3053	3056	rBV	439255	650418	6.64%	0.508%
74	21.133	3065	3068	3075	rVB2	414652	589685	6.02%	0.461%
75	21.345	3099	3104	3109	rBV3	4449295	8412426	85.92%	6.571%
76	21.392	3109	3112	3122	rVB	2849872	4052497	41.39%	3.165%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3775-08
Misc :
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Instrument : BNA_P
ClientSampleId : PE-7

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
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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

77	21.516	3129	3133	3138	rBV	622476	884536	9.03%	0.691%
78	21.680	3157	3161	3167	rBV2	431494	739529	7.55%	0.578%
79	21.933	3201	3204	3208	rVB	473636	655540	6.70%	0.512%
80	22.098	3229	3232	3236	rVB2	242069	310094	3.17%	0.242%
81	23.039	3385	3392	3397	rBV	1755613	4623519	47.22%	3.612%
82	23.221	3420	3423	3430	rVB	441762	662975	6.77%	0.518%
83	23.557	3475	3480	3490	rVB	1003057	2162061	22.08%	1.689%
84	23.662	3492	3498	3506	rVB	1732065	3401756	34.75%	2.657%
85	23.768	3511	3516	3522	rBV2	1567079	3131898	31.99%	2.446%

Sum of corrected areas: 128020848

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
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Acq On : 24 Sep 2021 13:25
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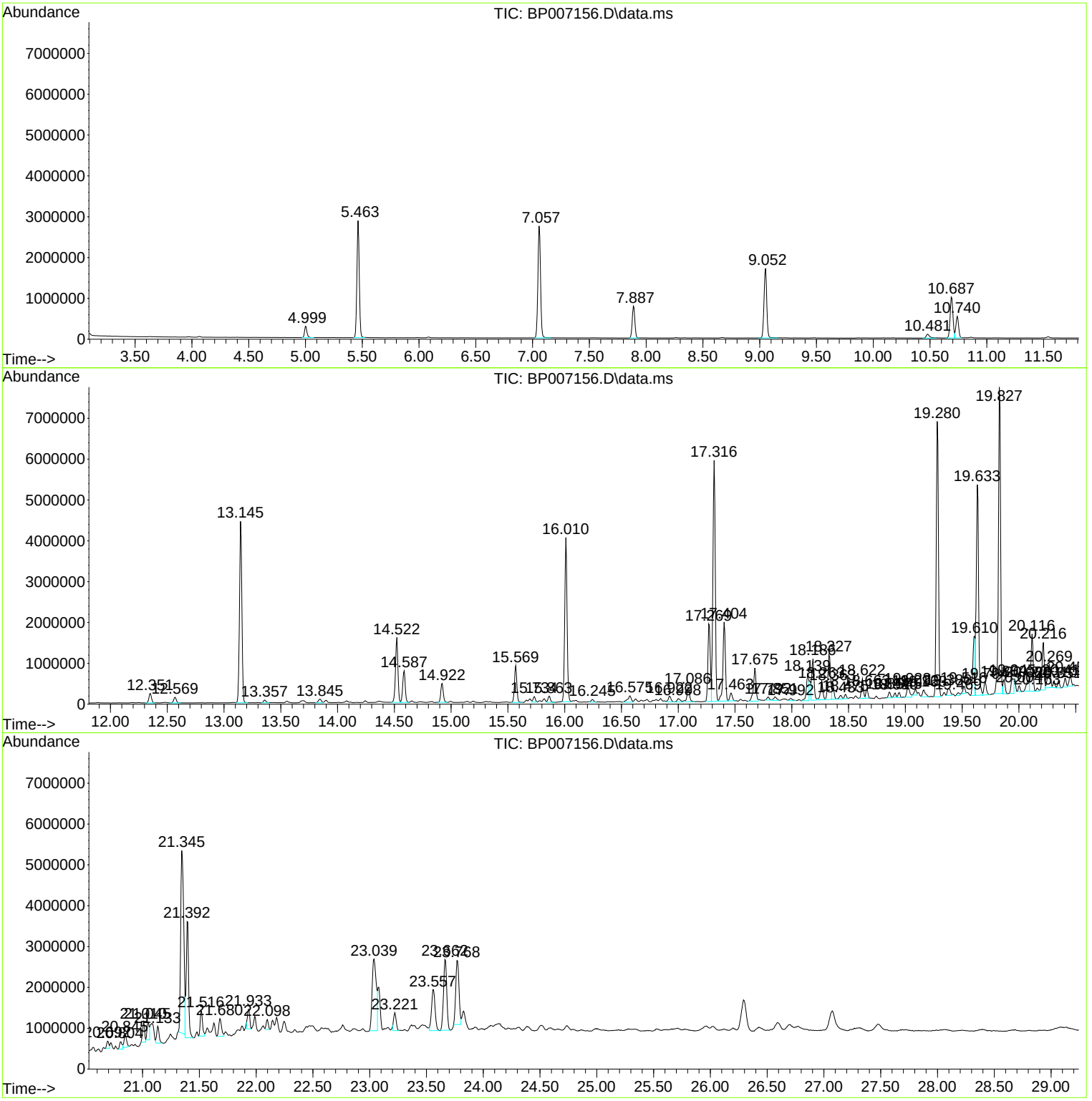
Instrument :
BNA_P
ClientSampleId :
PE-7

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\BP092421\
Data File : BP007156.D
Acq On : 24 Sep 2021 13:25
Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-7

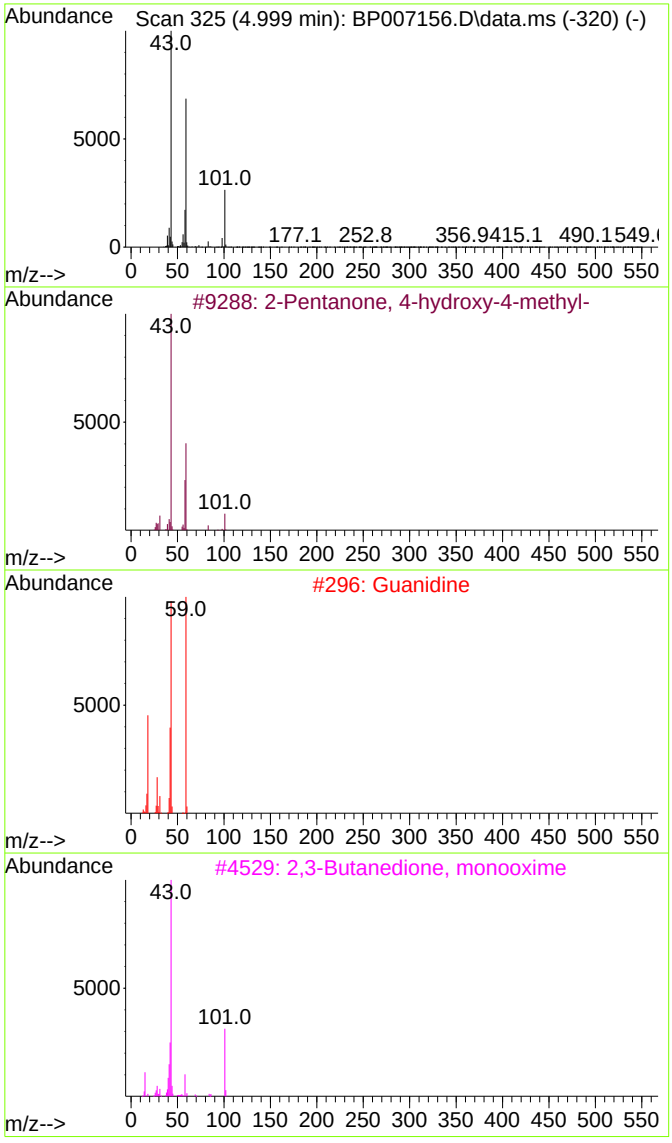
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

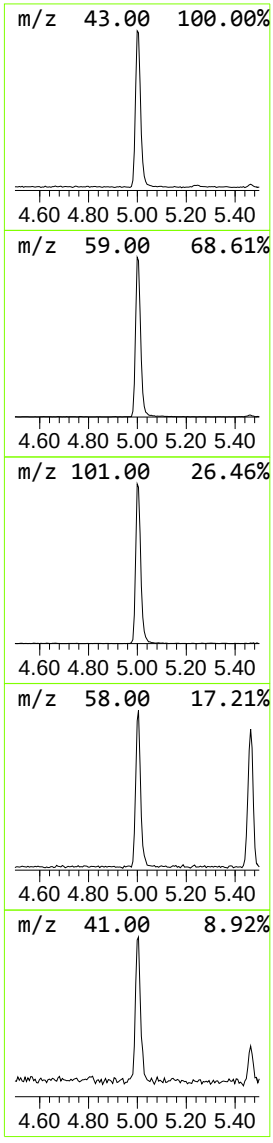
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.999	6.58 ng	410694	1,4-Dichlorobenzene-d4	7.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17





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Acq On : 24 Sep 2021 13:25
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Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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

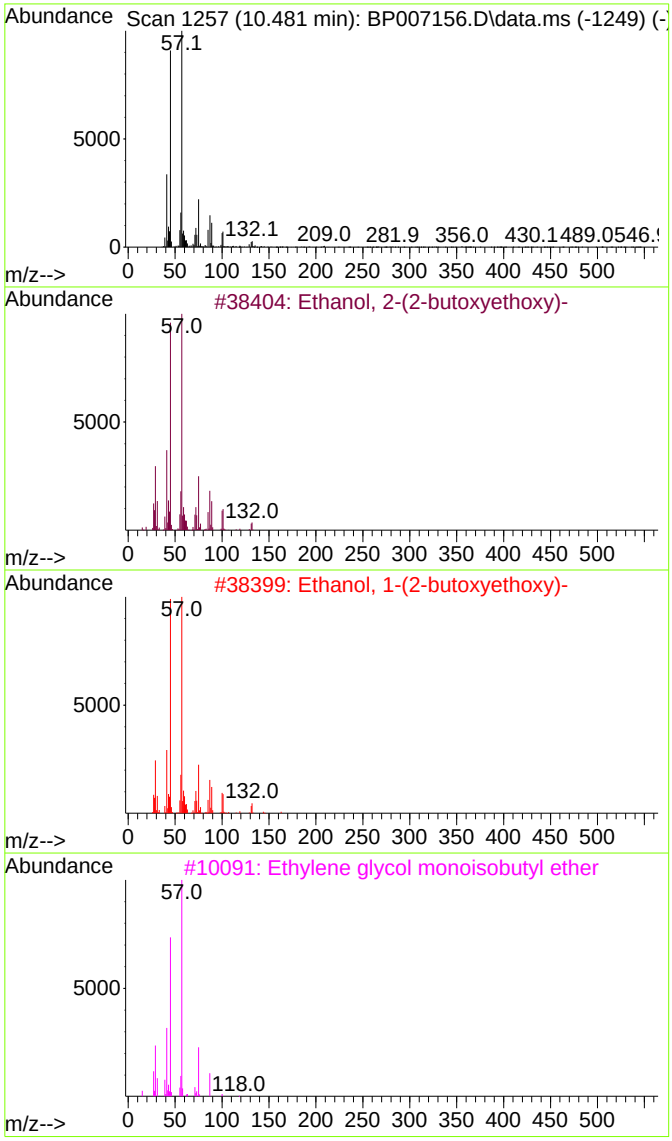
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

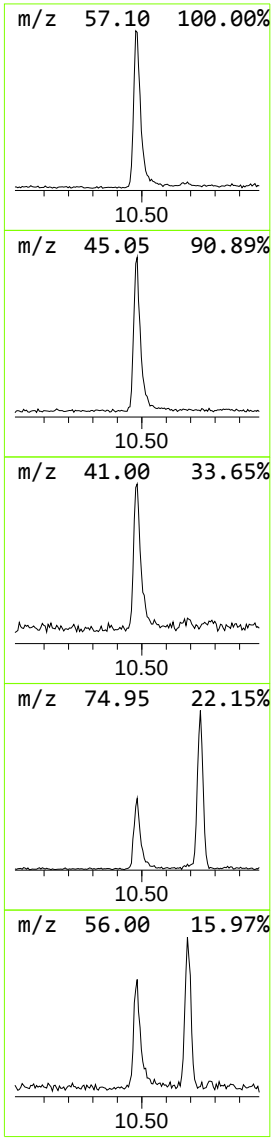
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.481	2.37 ng	207052	Naphthalene-d8	10.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





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Data File : BP007156.D
Acq On : 24 Sep 2021 13:25
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Sample : M3775-08
Misc :
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

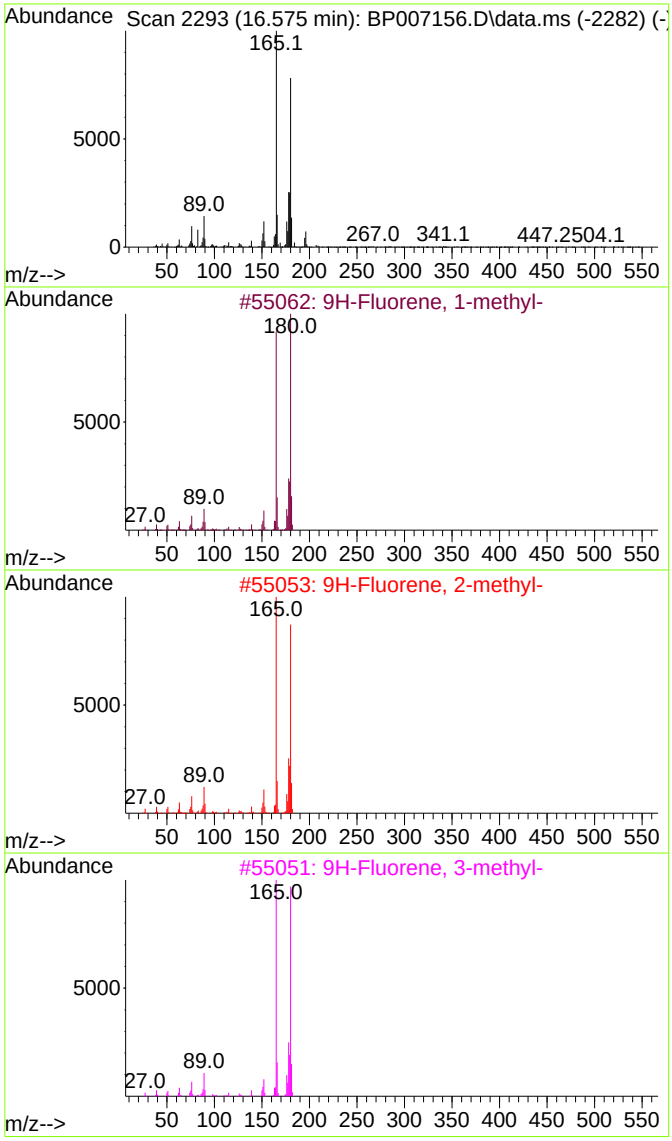
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

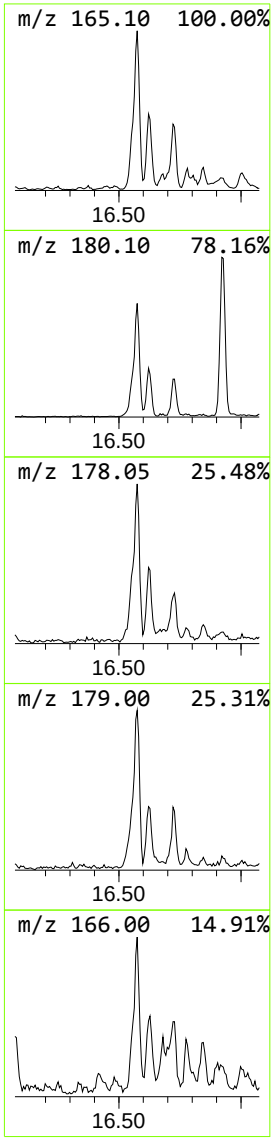
****

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.575	2.40 ng	345050	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-7

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

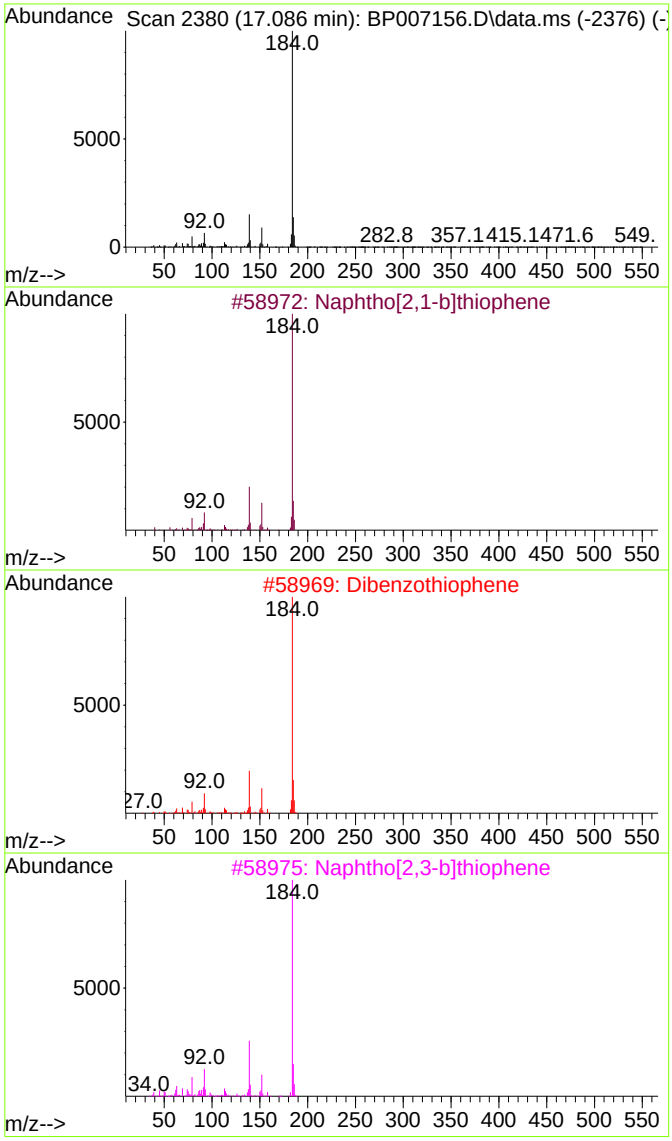
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

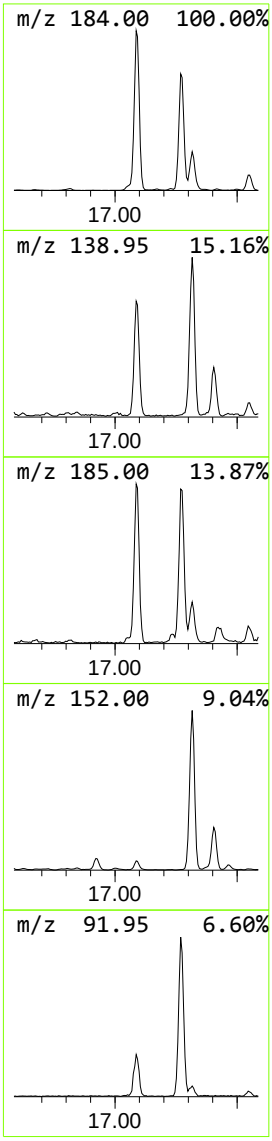
****

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	3.70 ng	532207	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Data File : BP007156.D
Acq On : 24 Sep 2021 13:25
Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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

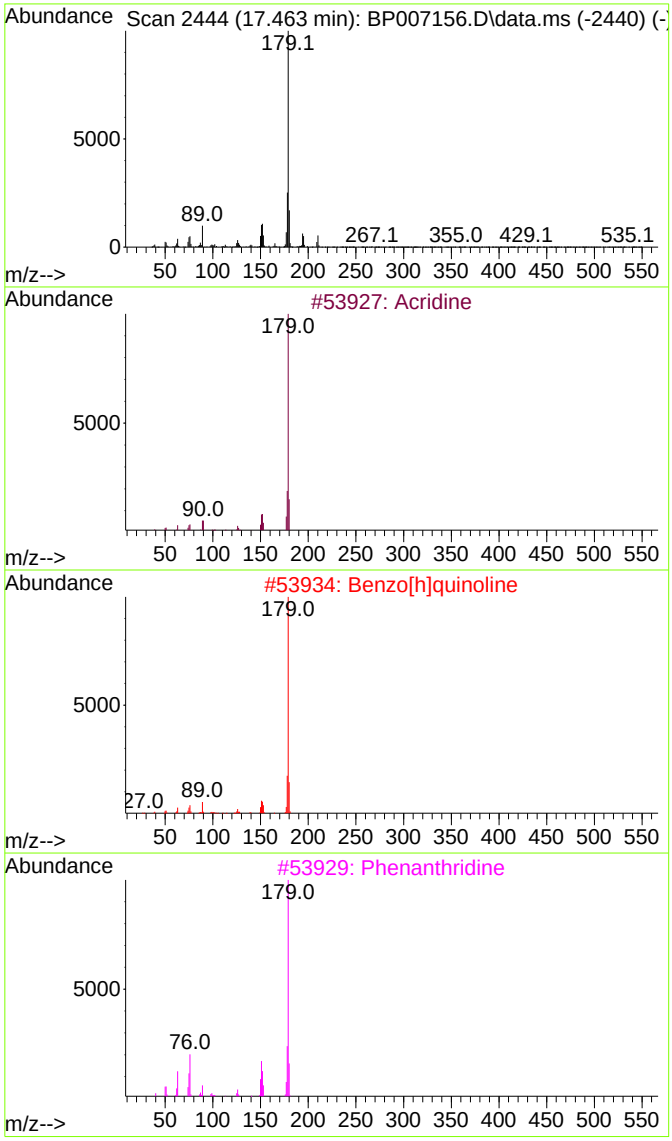
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

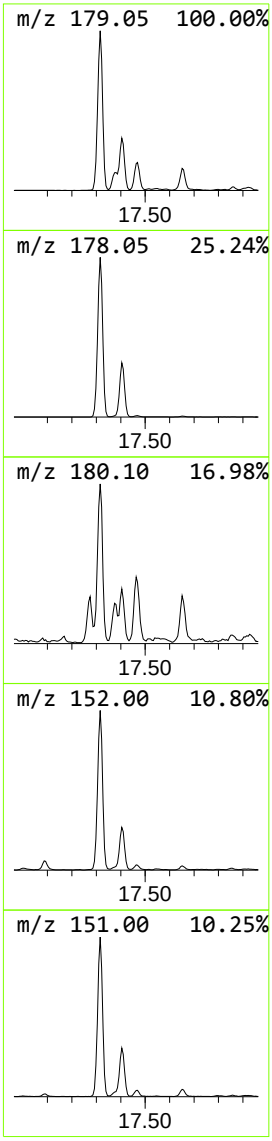
****

Peak Number 5 Acridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	2.04 ng	293763	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
3	Phenanthridine	179	C13H9N	000229-87-8	93
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	91
5	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007156.D
Acq On : 24 Sep 2021 13:25
Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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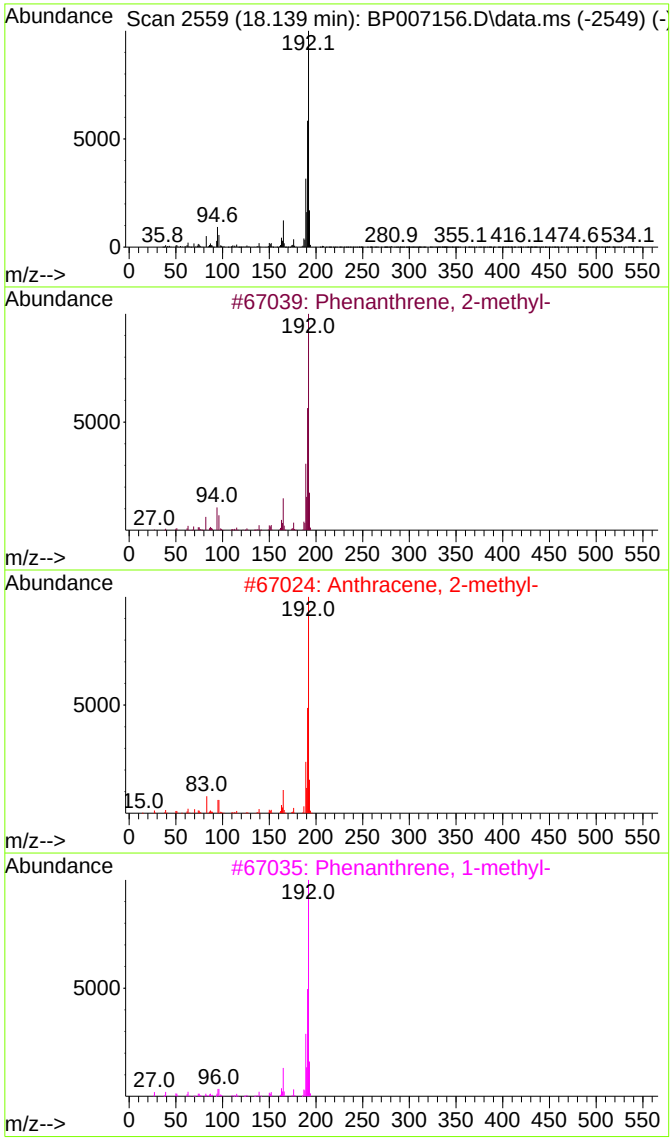
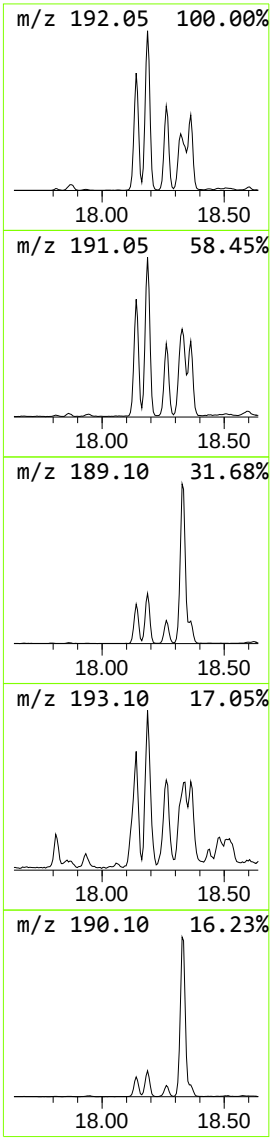
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	6.80 ng	978281	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 24 Sep 2021 13:25
Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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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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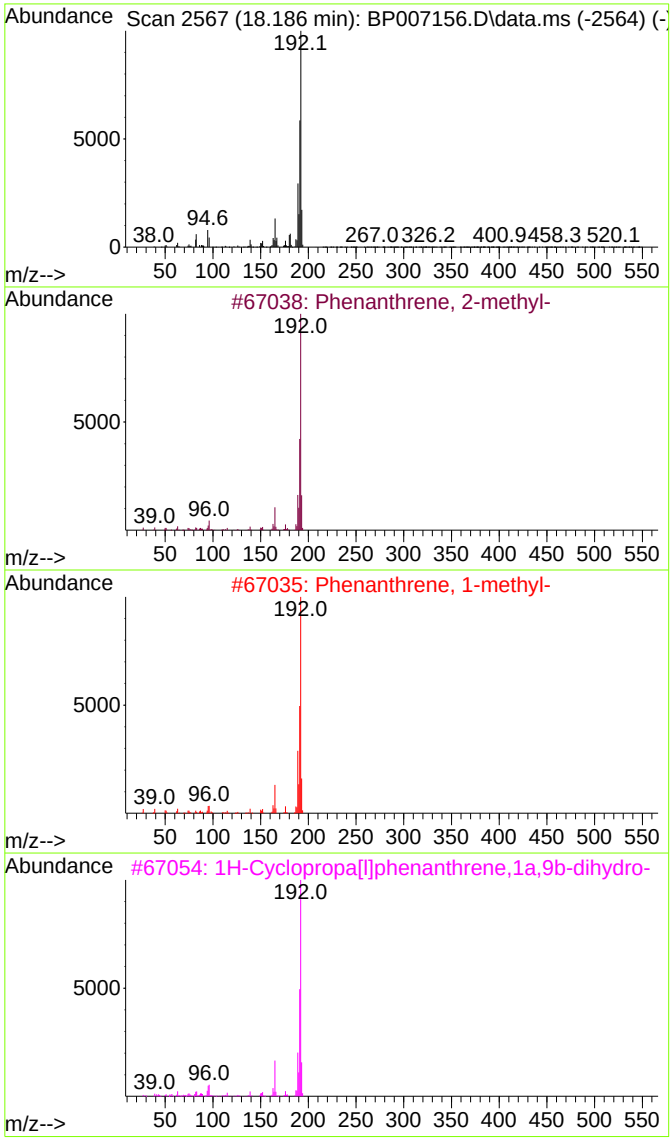
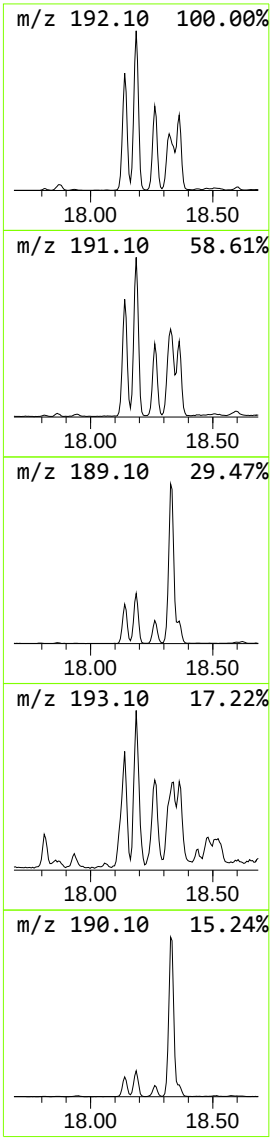
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	9.69 ng	1392390	Phenanthrene-d10	17.269

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





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Sample : M3775-08
Misc :
ALS Vial : 8 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

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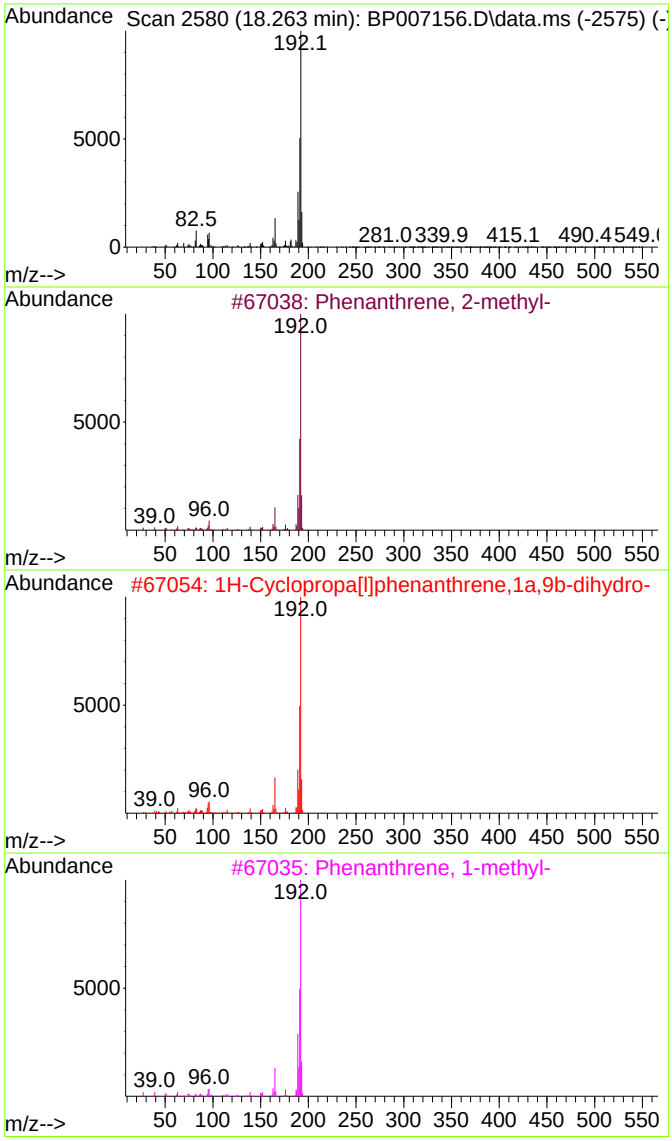
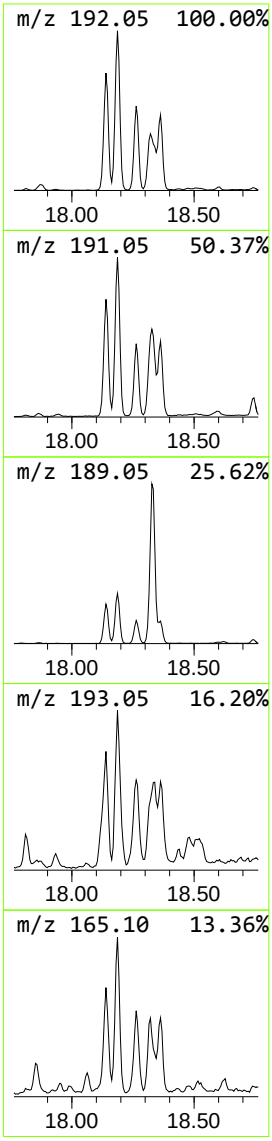
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	4.66 ng	669309	Phenanthrene-d10	17.269

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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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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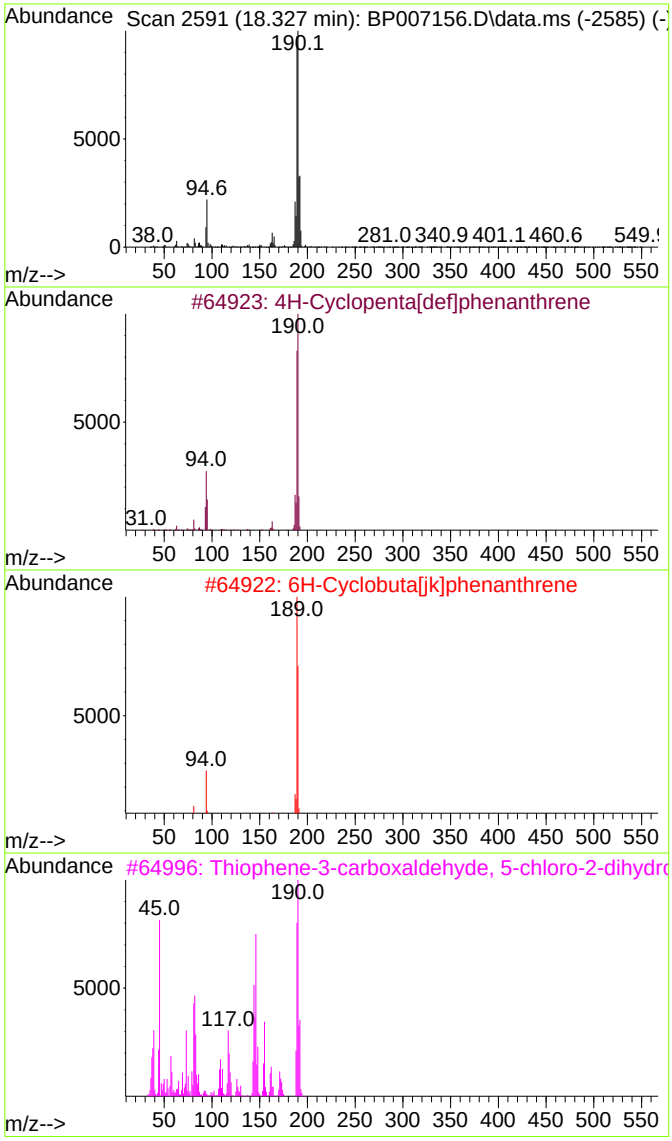
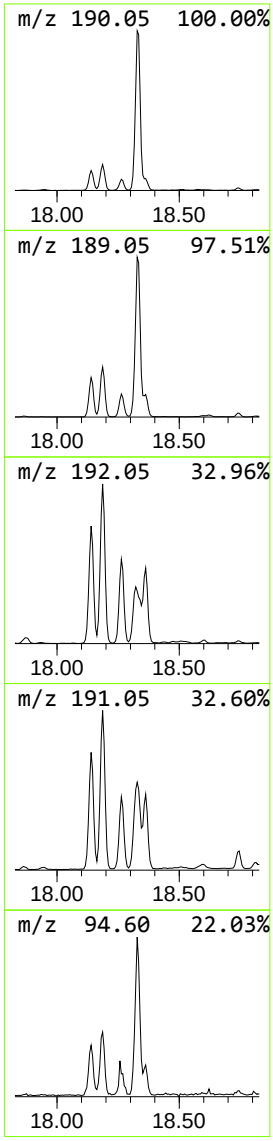
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	12.58 ng	1808160	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PE-7

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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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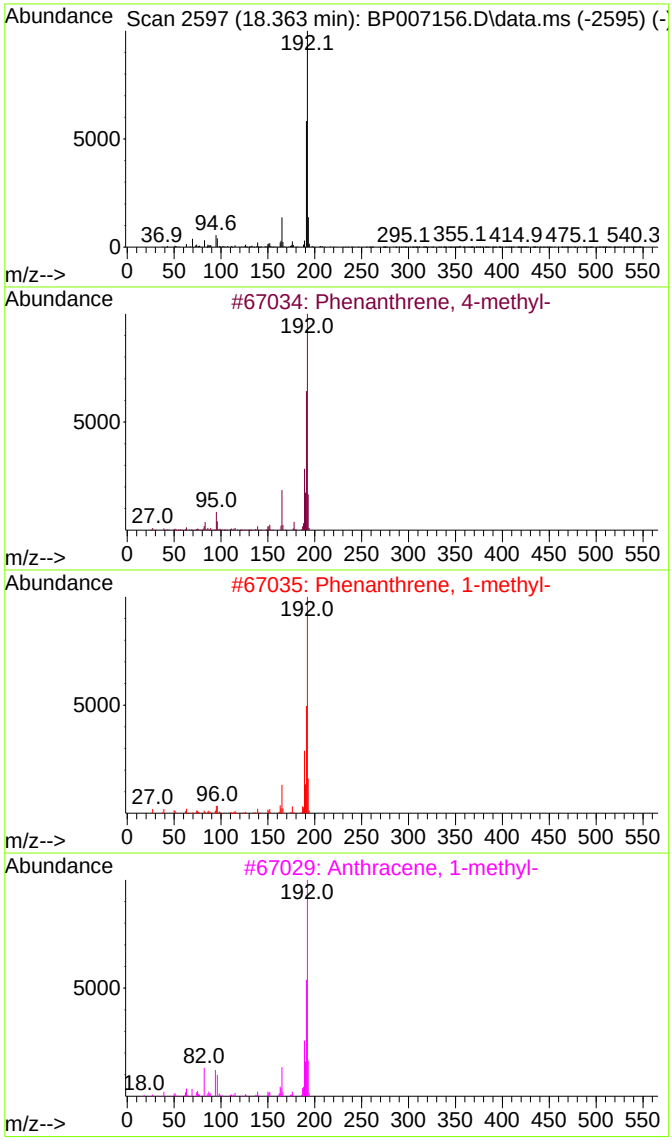
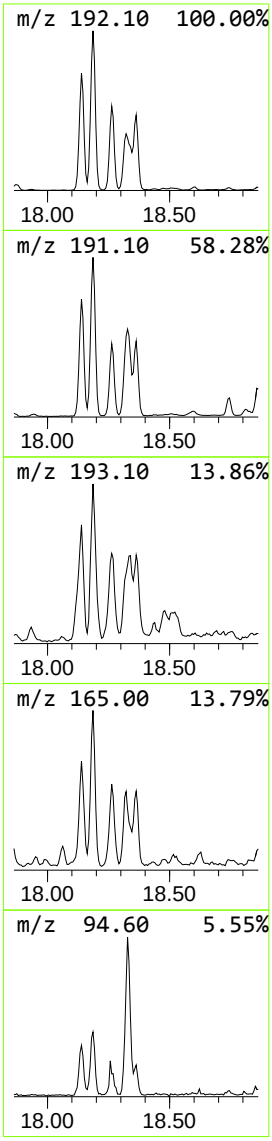
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	3.04 ng	437504	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Instrument : BNA_P
ClientSampleId : PE-7

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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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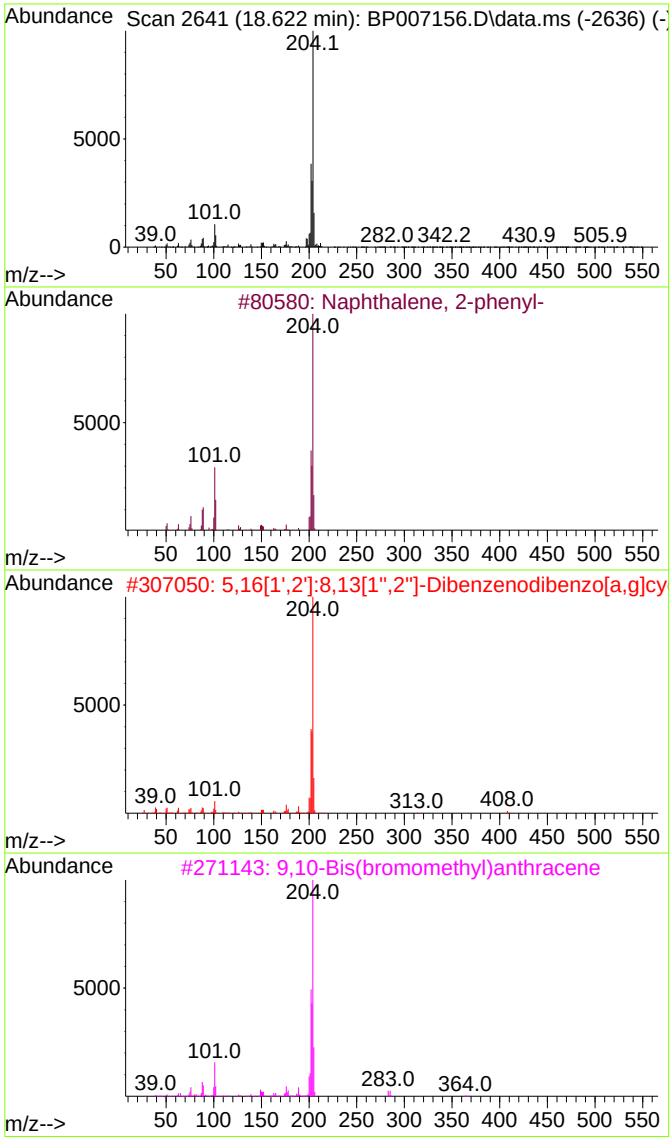
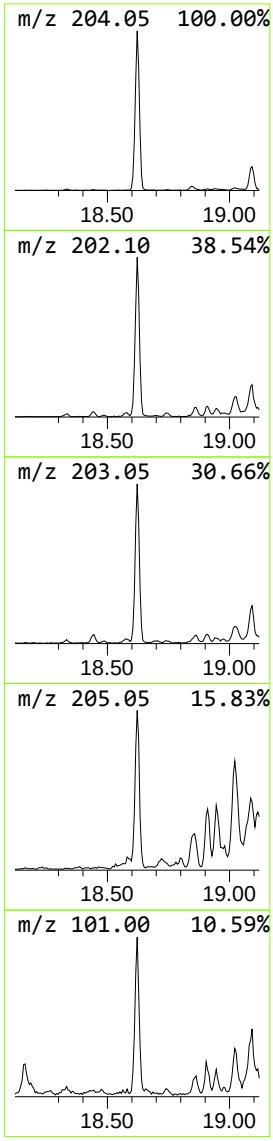
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	4.10 ng	590059	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43





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Instrument : BNA_P
ClientSampleId : PE-7

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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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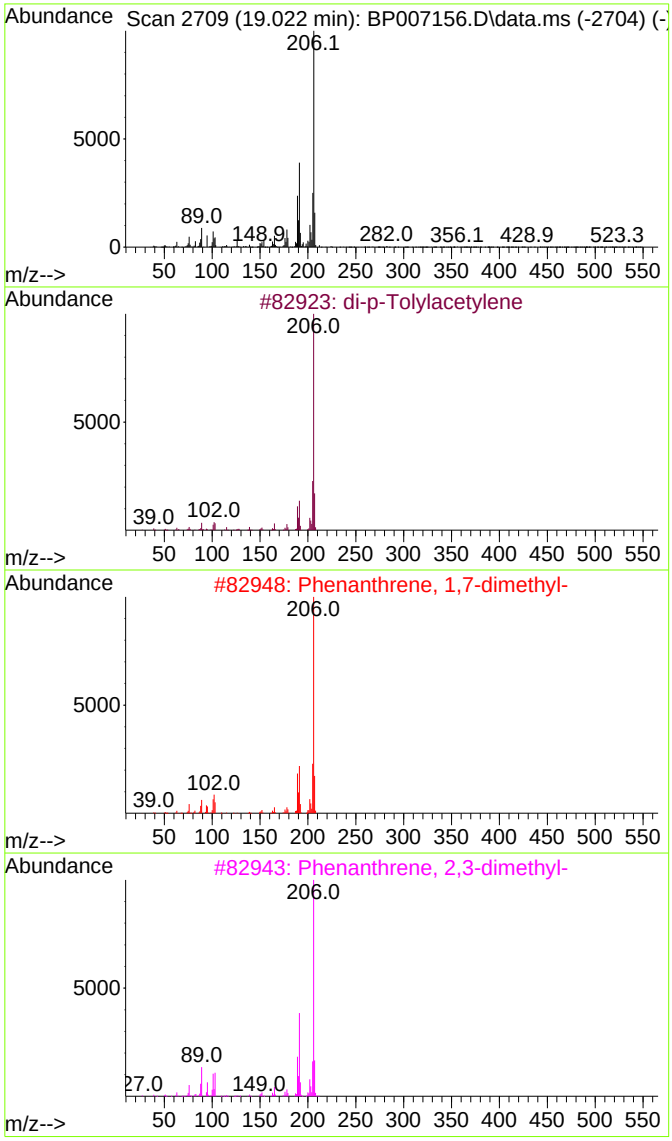
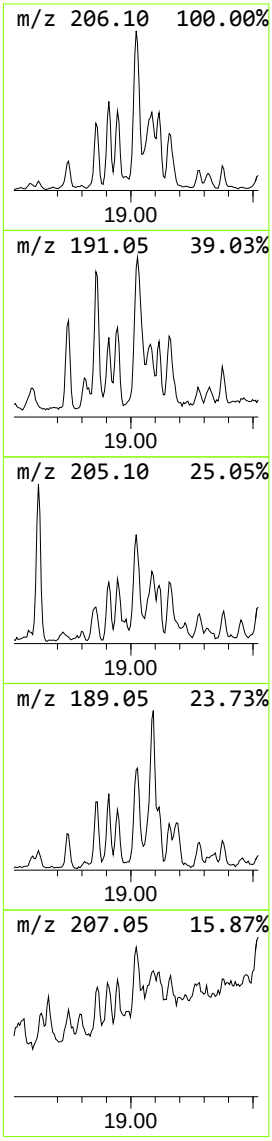
Peak Number 12 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	3.26 ng	468130	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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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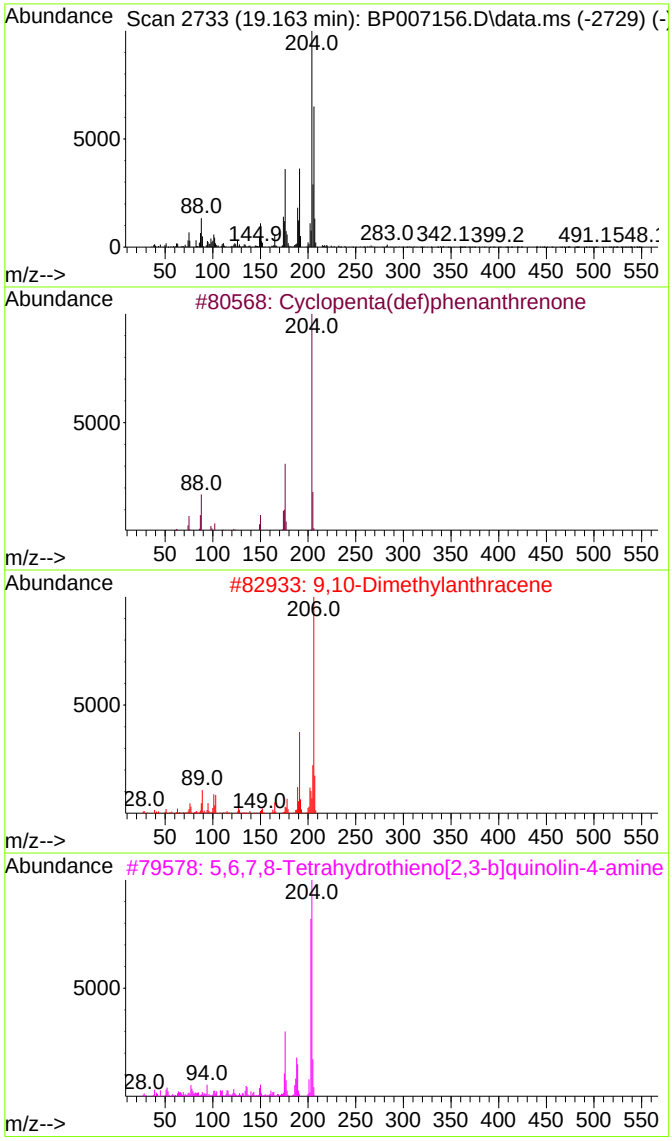
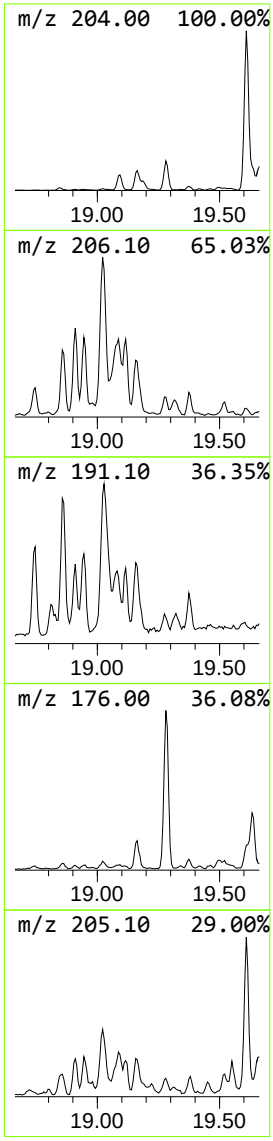
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	2.15 ng	309758	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	46
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	43
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	42





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ClientSampleId :
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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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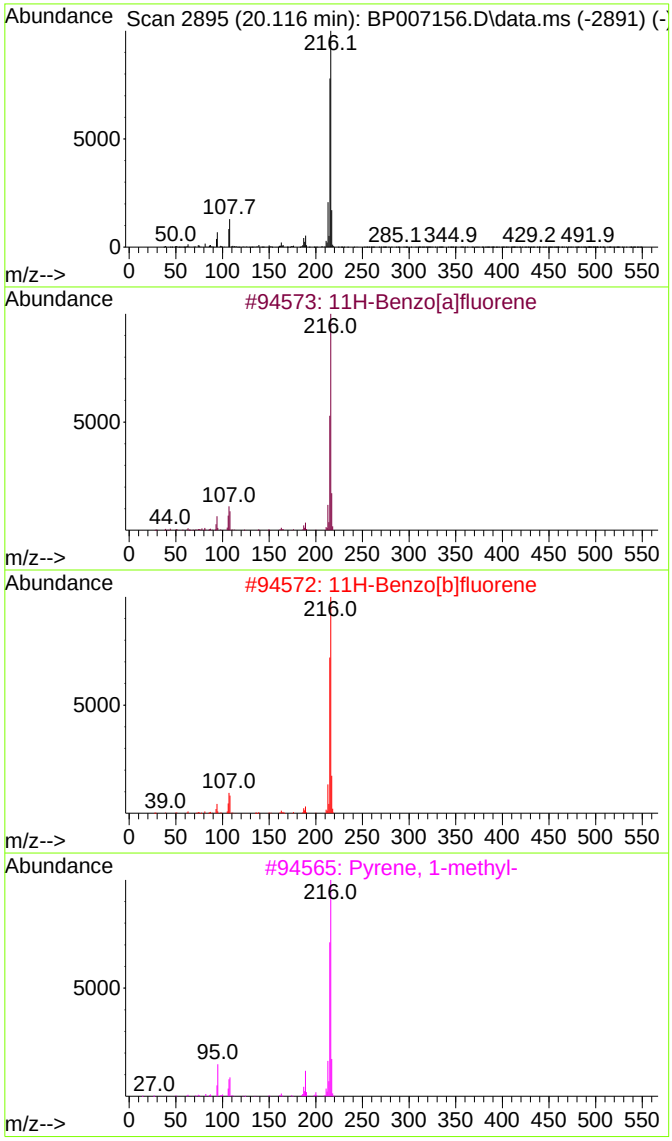
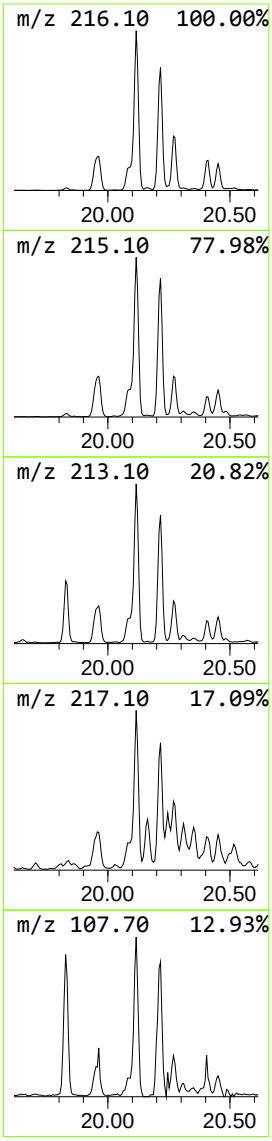
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	4.27 ng	1797210	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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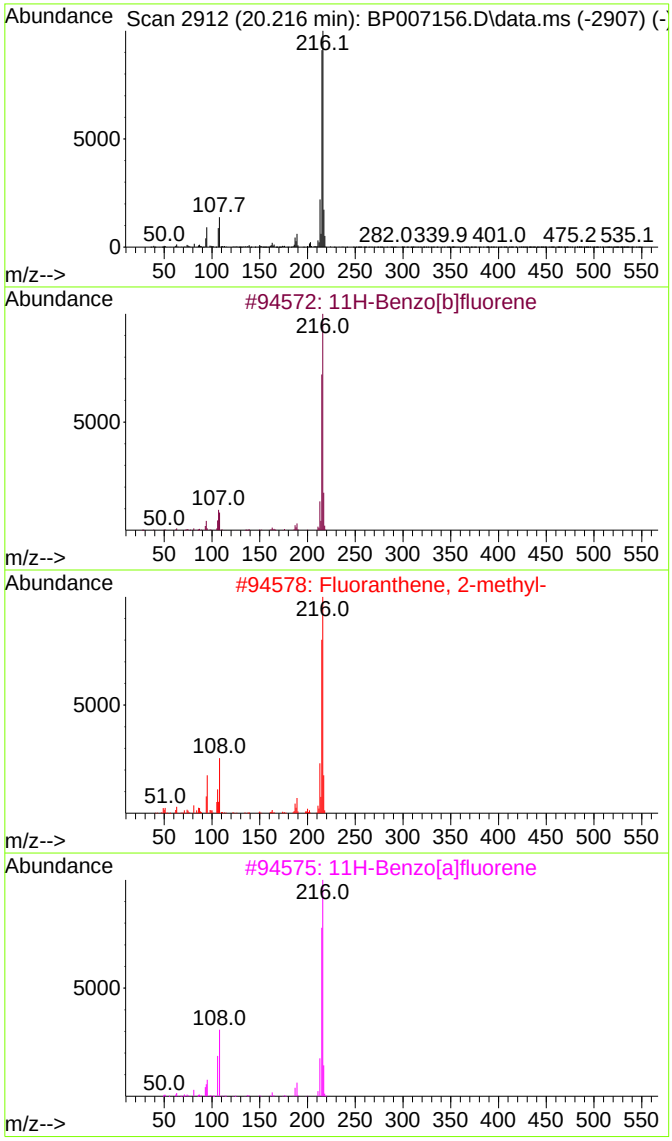
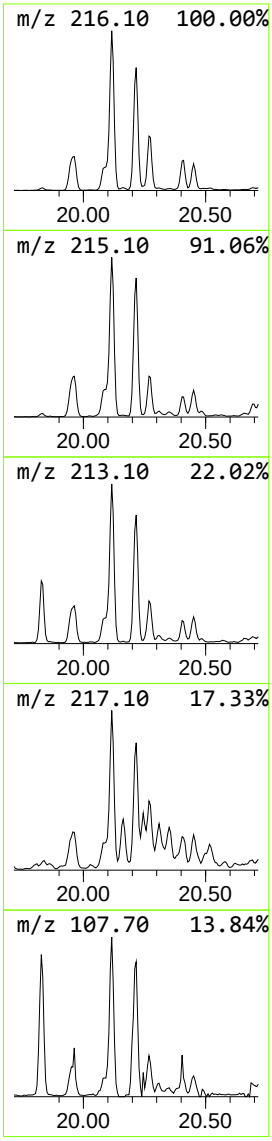
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	3.56 ng	1498520	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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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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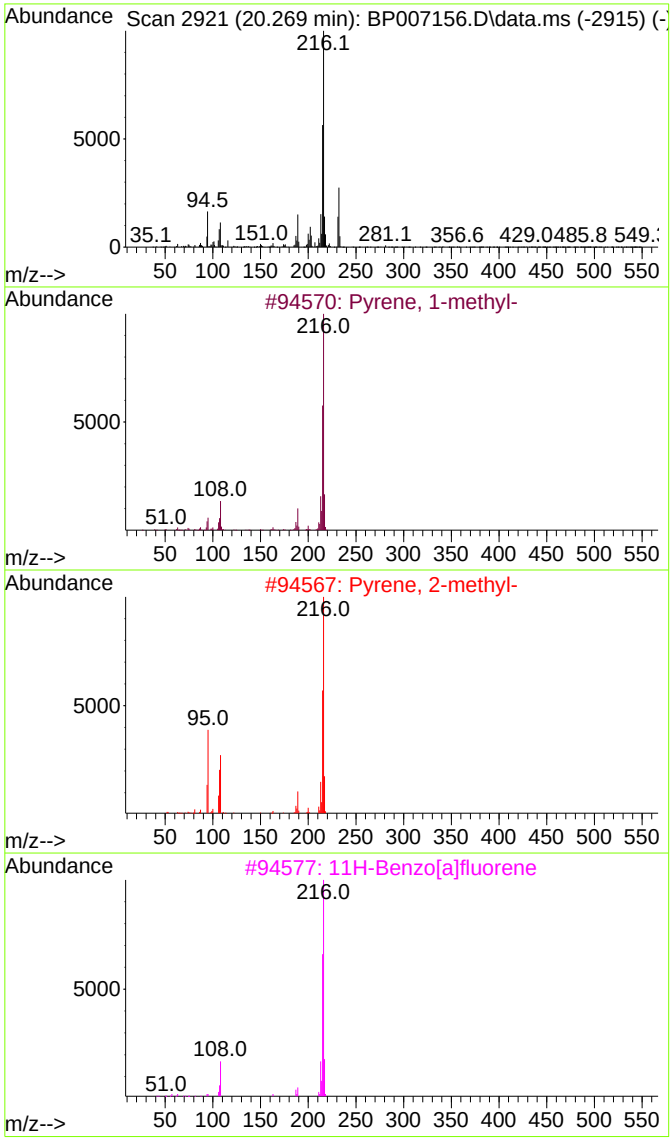
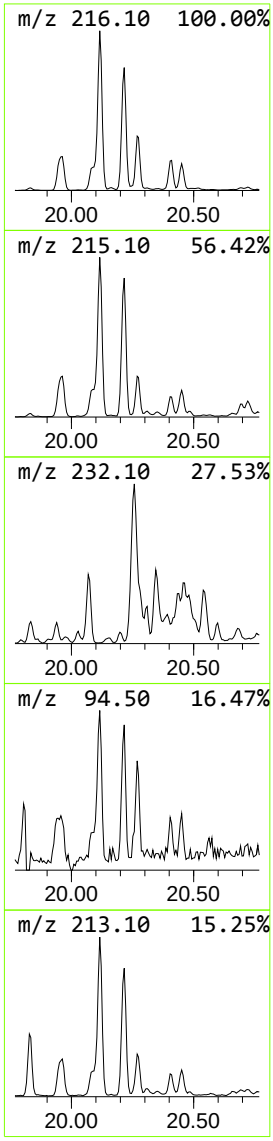
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.269	2.24 ng	942964	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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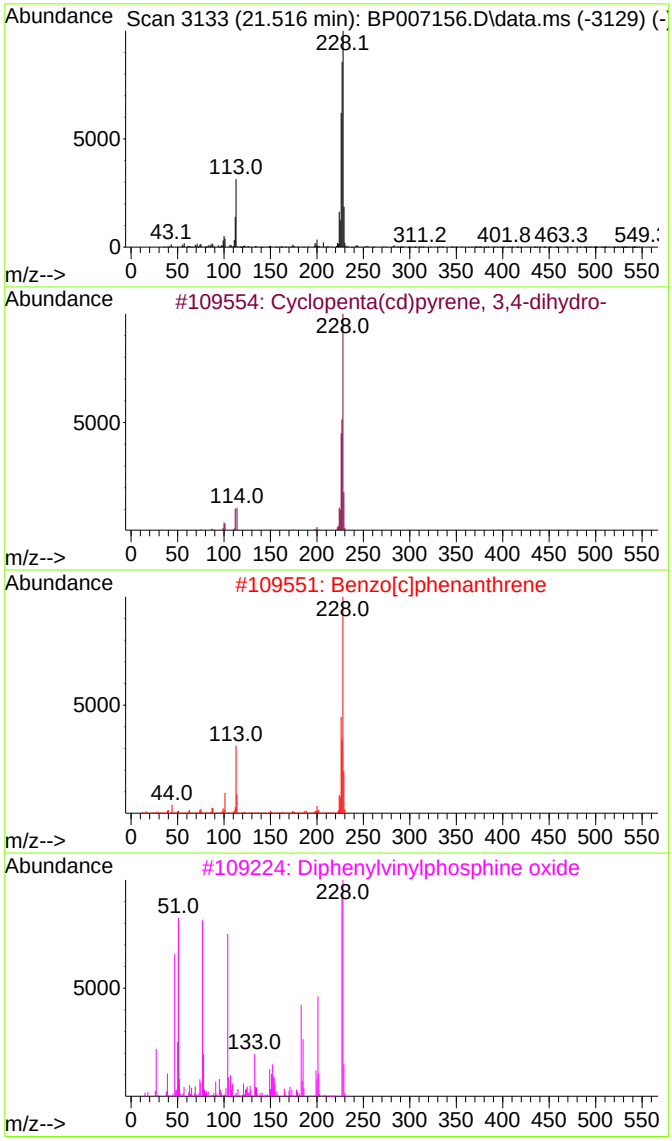
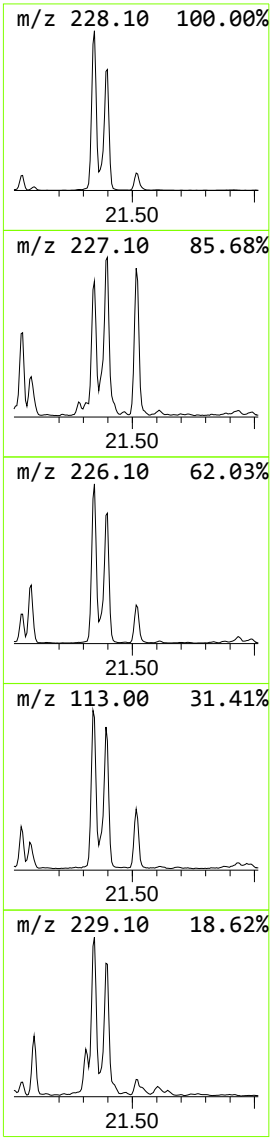
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.516	2.10 ng	884536	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
4	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
5	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50





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Acq On : 24 Sep 2021 13:25
Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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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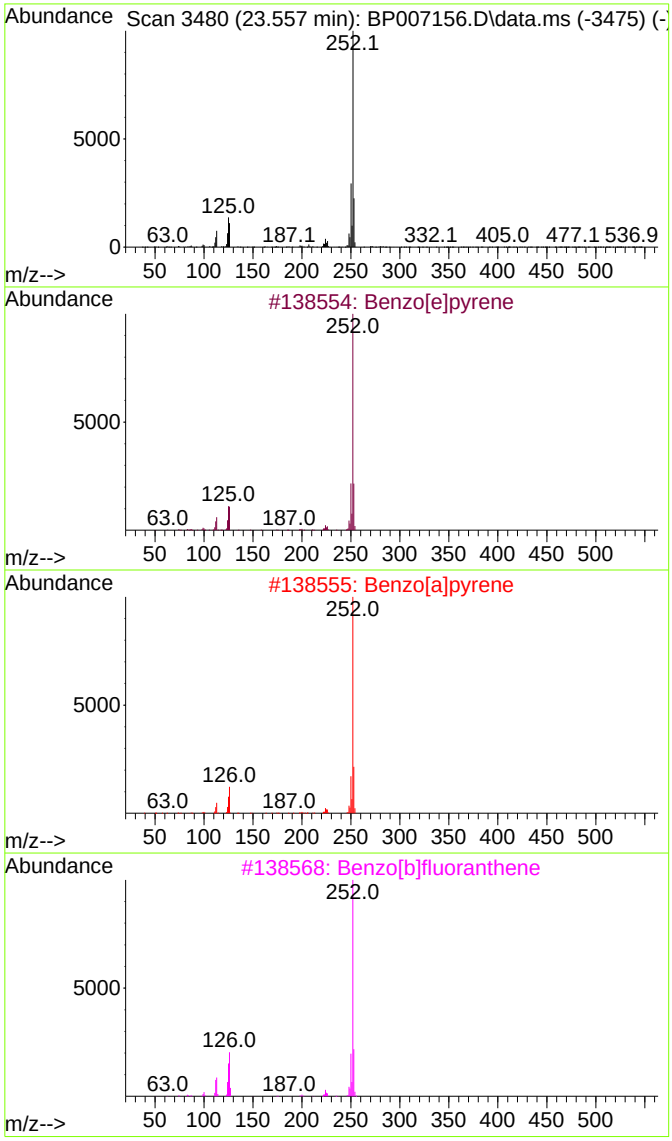
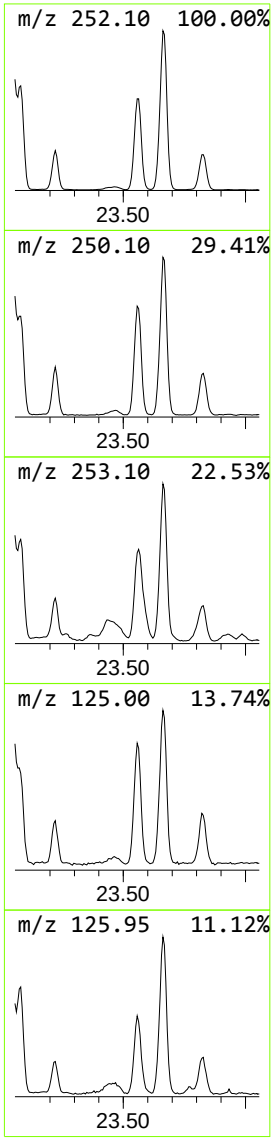
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.557	13.81 ng	2162060	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[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007156.D
Acq On : 24 Sep 2021 13:25
Operator : CG/JU
Sample : M3775-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PE-7

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
2-Pentanone, 4-...	4.999	6.6	ng	410694	1	7.887	1248600	20.0
Ethanol, 2-(2-b...	10.481	2.4	ng	207052	2	10.687	1745460	20.0
9H-Fluorene, 1-...	16.575	2.4	ng	345050	4	17.269	2875340	20.0
Naphtho[2,1-b]t...	17.086	3.7	ng	532207	4	17.269	2875340	20.0
Acridine	17.463	2.0	ng	293763	4	17.269	2875340	20.0
Phenanthrene, 2...	18.139	6.8	ng	978281	4	17.269	2875340	20.0
Phenanthrene, 1...	18.186	9.7	ng	1392390	4	17.269	2875340	20.0
1H-Cyclopropa[l...	18.263	4.7	ng	669309	4	17.269	2875340	20.0
4H-Cyclopenta[d...	18.328	12.6	ng	1808160	4	17.269	2875340	20.0
Phenanthrene, 4...	18.363	3.0	ng	437504	4	17.269	2875340	20.0
Naphthalene, 2-...	18.622	4.1	ng	590059	4	17.269	2875340	20.0
di-p-Tolylacety...	19.022	3.3	ng	468130	4	17.269	2875340	20.0
Cyclopenta(def)...	19.163	2.1	ng	309758	4	17.269	2875340	20.0
11H-Benzo[a]flu...	20.116	4.3	ng	1797210	5	21.357	8412430	20.0
11H-Benzo[b]flu...	20.216	3.6	ng	1498520	5	21.357	8412430	20.0
Pyrene, 1-methyl-	20.269	2.2	ng	942964	5	21.357	8412430	20.0
Cyclopenta(cd)p...	21.516	2.1	ng	884536	5	21.357	8412430	20.0
Benzo[e]pyrene	23.557	13.8	ng	2162060	6	23.774	3131900	20.0