LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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: BP007208.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	397	403	418	rVB	3103666	4631825	29.71%	2.883%
2	7.057	668	675	690	rVB	2892406	4746709	30.45%	2.954%
3	7.881	807	815	822	rBV	1173836	1818881	11.67%	1.132%
4	9.045	1006	1013	1021	rBV	1856997	3079737	19.76%	1.917%
5	10.469	1248	1255	1266	rBV	515661	929555	5.96%	0.579%
6	10.681	1282	1291	1297	rBV	1490020	2568582	16.48%	1.599%
7	10.734	1297	1300	1306	rVB	129022	195105	1.25%	0.121%
8	12.345	1564	1574	1581	rVB	188283	307994	1.98%	0.192%
9	12.563	1604	1611	1622	rVB	170028	282155	1.81%	0.176%
10	13.139	1702	1709	1719	rBV	5238756	7621465	48.89%	4.743%
11	13.345	1739	1744	1751	rBV2	139865	227054	1.46%	0.141%
12	13.839	1822	1828	1833	rBV	193553	345613	2.22%	0.215%
13	13.892	1833	1837	1843	rVB	128865	184785	1.19%	0.115%
14	14.075	1859	1868	1871	rBV2	96894	177559	1.14%	0.111%
15	14.239	1891	1896	1906	rVB	111603	167104	1.07%	0.104%
16	14.516	1933	1943	1949	rVV	2310296	3501614	22.46%	2.179%
17	14.580	1949	1954	1960	rVV	1306684	1929230	12.38%	1.201%
18	14.639	1960	1964	1973	rVV2	97365	202397	1.30%	0.126%
19	14.916	2005	2011	2018	rVB	854654	1260933	8.09%	0.785%
20	15.563	2115	2121	2132	rBV	1572281	2256392	14.47%	1.404%
21	15.686	2139	2142	2145	rVV	134011	171297	1.10%	0.107%
22	15.727	2145	2149	2153	rVB2	188136	247421	1.59%	0.154%
23	15.857	2167	2171	2178	rVB	361548	528162	3.39%	0.329%
24	16.010	2190	2197	2204	rBV	3850605	5839768	37.46%	3.634%
25	16.233	2231	2235	2242	rVB3	127691	298572	1.92%	0.186%
26	16.569	2281	2292	2297	rBV3	284644	694575	4.46%	0.432%
27	16.622	2297	2301	2306	rVB2	139060	231846	1.49%	0.144%
28	16.922	2347	2352	2359	rVB	462794	673988	4.32%	0.419%
29	17.022	2361	2369	2375	rBV3	335808	699722	4.49%	0.435%
30	17.086	2375	2380	2389	rVB	696724	1084207	6.96%	0.675%
31	17.269	2405	2411	2414	rBV	2418431	3528786	22.64%	2.196%
32	17.316	2414	2419	2425	rVV	10416866	15564013	99.84%	9.686%
33	17.404	2425	2434	2439	rVV	2653260	4061557	26.05%	2.528%
34	17.463	2439	2444	2449	rVV	384957	579718	3.72%	0.361%
35	17.674	2471	2480	2493	rBV2	1602277	2802265	17.98%	1.744%
36	17.786	2493	2499	2505	rVV3	192985	392741	2.52%	0.244%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
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Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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	17.851	2506	2510	2517	rVB5	178008	313172	2.01%	0.195%
38	18.133	2553	2558	2562	rBV	1021223	1512203	9.70%	0.941%
39	18.180	2562	2566	2571	rVB	1595071	2151097	13.80%	1.339%
40	18.263	2574	2580	2584	rBV	555535	859839	5.52%	0.535%
41	18.327	2585	2591	2594	rBV2	1841524	2897877	18.59%	1.804%
42	18.357	2594	2596	2601	rVB	592335	779721	5.00%	0.485%
43	18.433	2606	2609	2612	rVV3	167233	225853	1.45%	0.141%
44	18.469	2612	2615	2619	rVV2	188662	231263	1.48%	0.144%
45	18.616	2636	2640	2644	rBV	827004	1076421	6.91%	0.670%
46	18.663	2644	2648	2653	rVB	807327	1095774	7.03%	0.682%
47	18.857	2678	2681	2684	rVB3	197421	233018	1.49%	0.145%
48	18.904	2687	2689	2692	rVB	188437	183641	1.18%	0.114%
49	19.021	2705	2709	2715	rBV2	357980	700612	4.49%	0.436%
50	19.163	2729	2733	2740	rBV2	351043	578597	3.71%	0.360%
51	19.286	2747	2754	2759	rBV	11168903	15588592	100.00%	9.702%
52	19.374	2766	2769	2773	rVB	291341	323679	2.08%	0.201%
53	19.604	2803	2808	2809	rBV	2182485	2752821	17.66%	1.713%
54	19.633	2809	2813	2820	rVV	8406493	12266437	78.69%	7.634%
55	19.698	2821	2824	2829	rVB2	497667	671937	4.31%	0.418%
56	19.827	2839	2846	2850	rBV	6105734	8178141	52.46%	5.090%
57	19.863	2850	2852	2858	rVB	599570	769697	4.94%	0.479%
58	19.939	2862	2865	2866	rBV	383344	447064	2.87%	0.278%
59	20.110	2891	2894	2899	rVB	1380375	1867088	11.98%	1.162%
60	20.210	2907	2911	2915	rBV	1052946	1377767	8.84%	0.857%
61	20.845	3016	3019	3024	rVB	707273	903146	5.79%	0.562%
62	21.345	3099	3104	3109	rBV3	4983287	9046831	58.03%	5.630%
63	21.392	3109	3112	3122	rVB	3825642	5210218	33.42%	3.243%
64	21.515	3130	3133	3137	rVB	672296	780689	5.01%	0.486%
65	23.039	3386	3392	3397	rBV	2344382	5909012	37.91%	3.678%
66	23.556	3477	3480	3490	rVB	1540433	2962377	19.00%	1.844%
67	23.662	3493	3498	3507	rVB	2400874	4950563	31.76%	3.081%

Sum of corrected areas: 160678474

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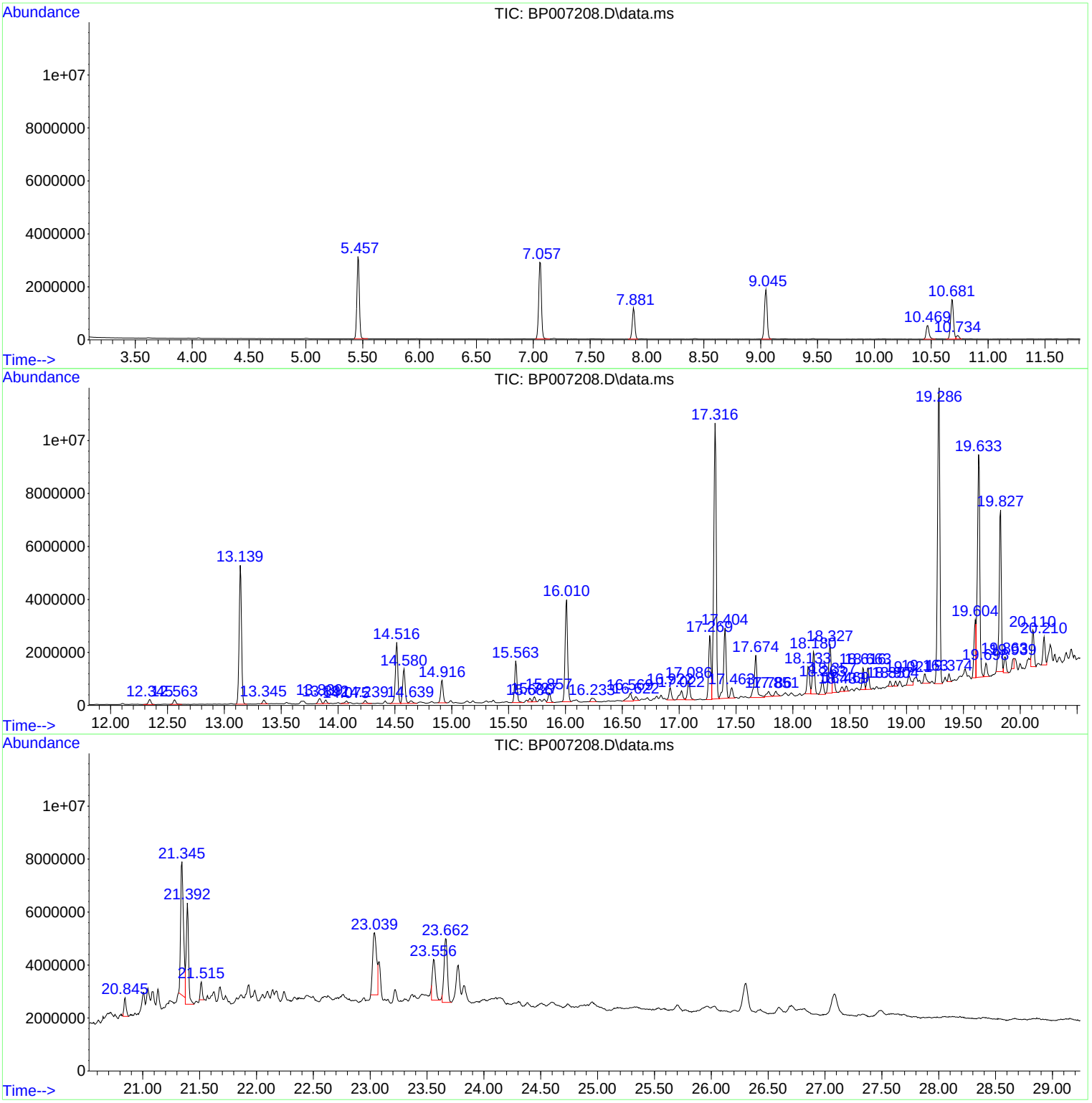
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-S

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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Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

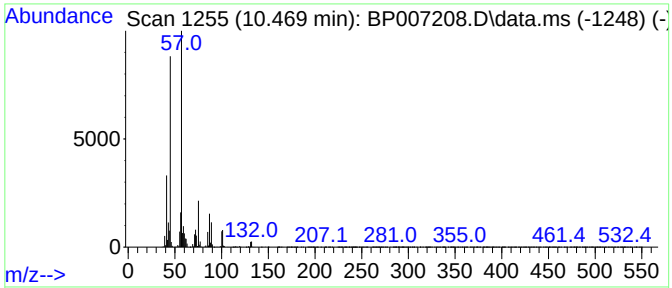
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

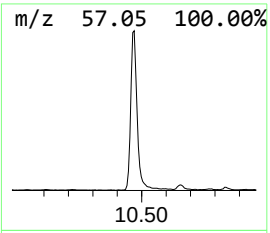
****

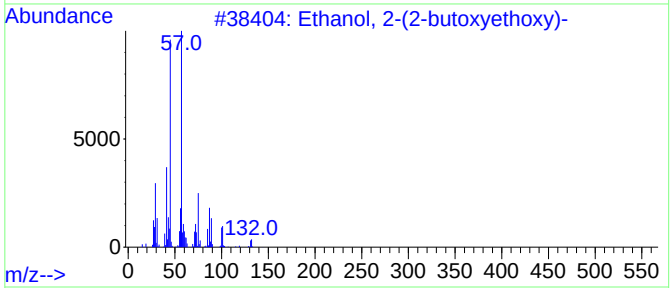
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

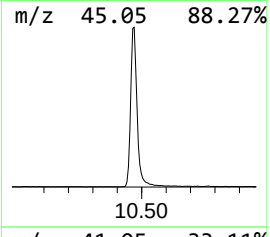
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	7.24 ng	929555	Naphthalene-d8	10.681

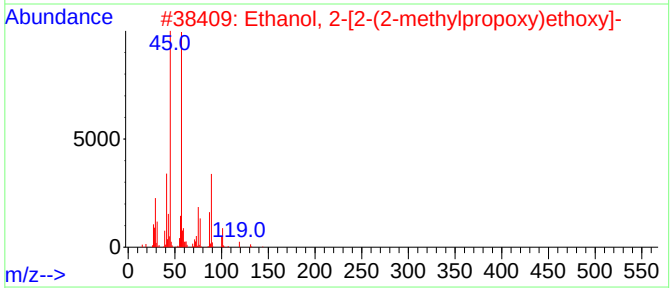
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50

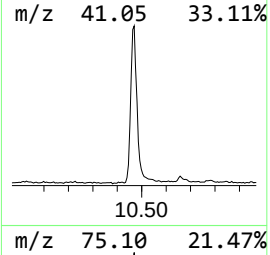


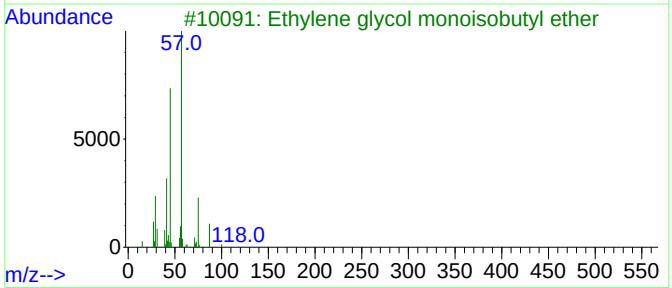


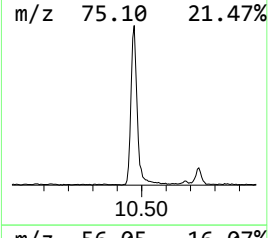


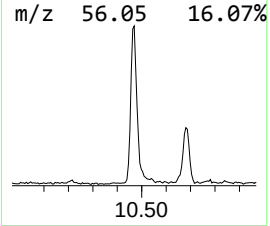












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

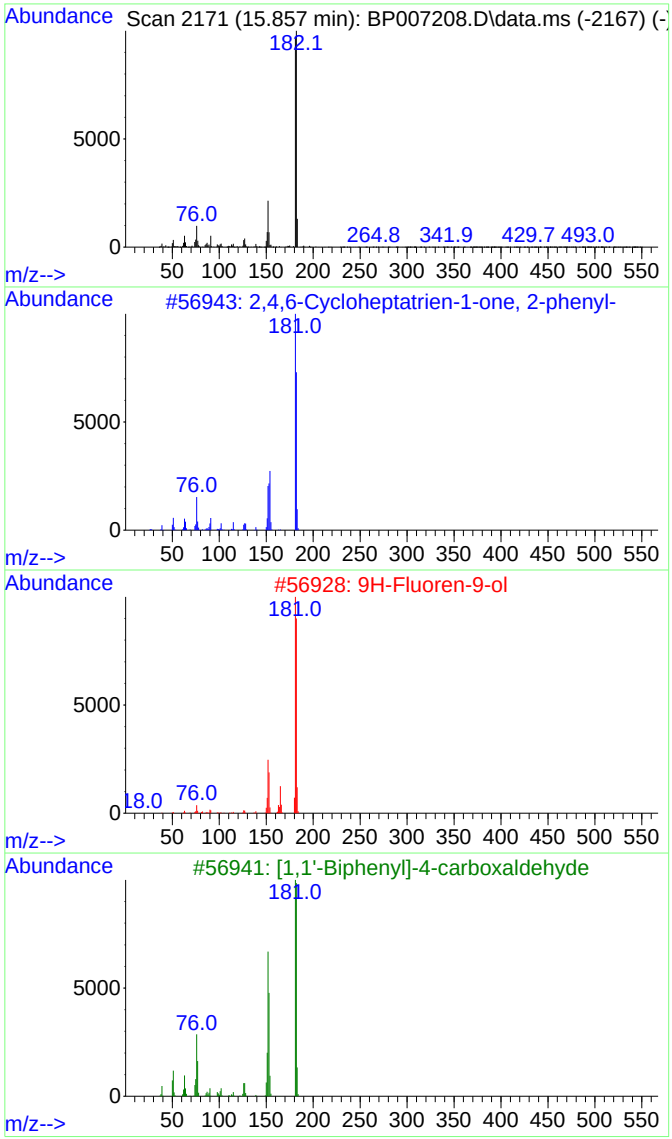
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

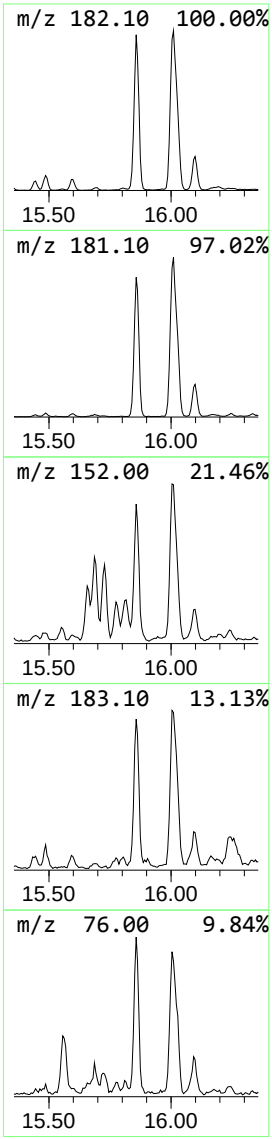
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,6-Cycloheptatrien-1-one... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.857	3.02 ng	528162	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64





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Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-S

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

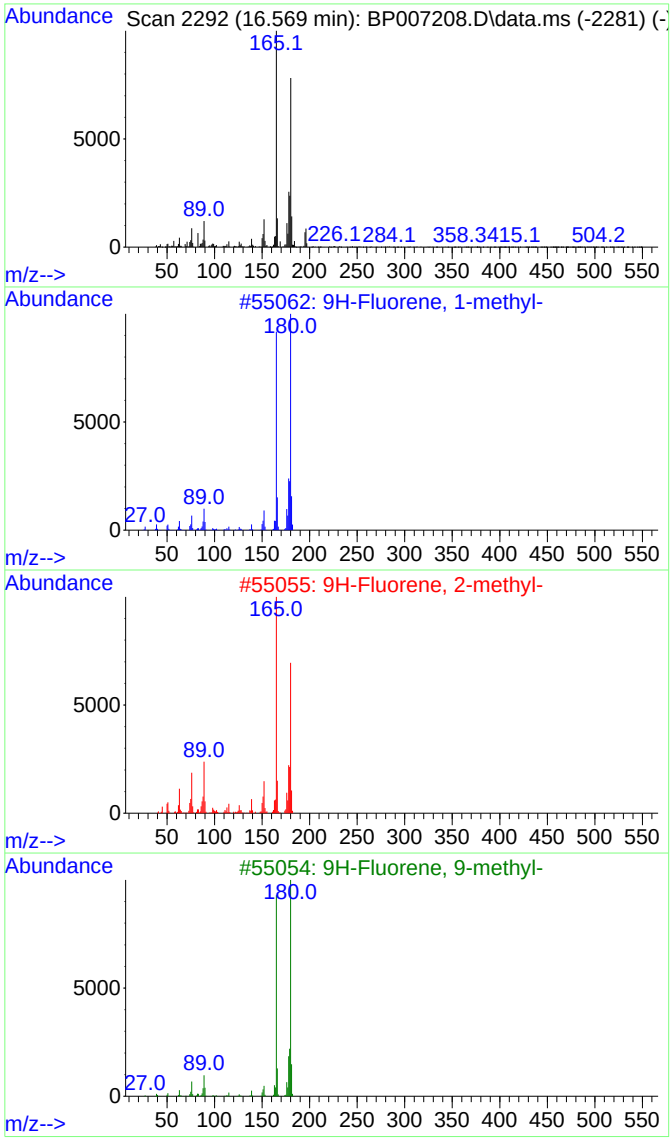
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

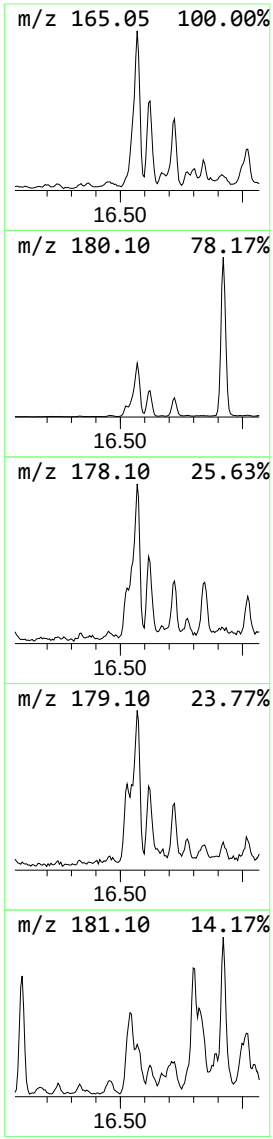
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.569	3.94 ng	694575	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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

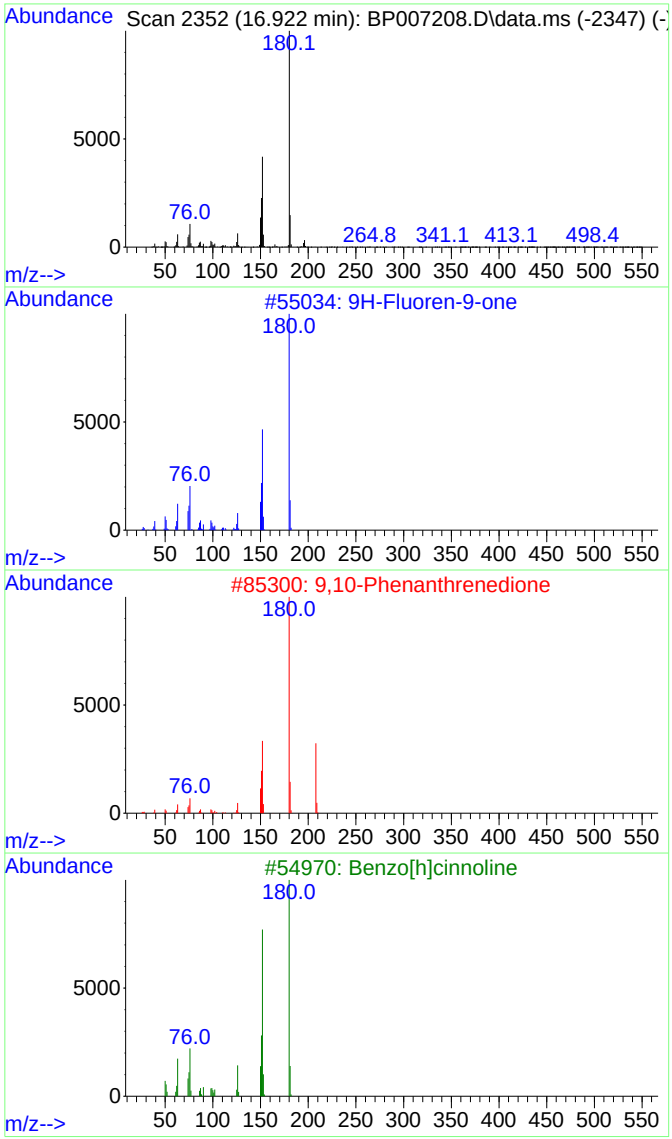
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

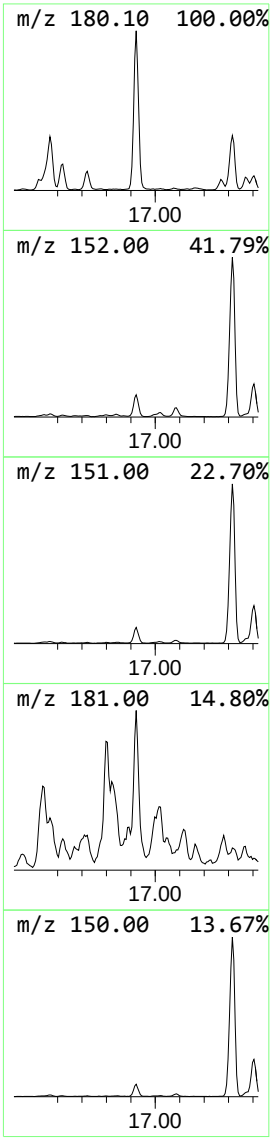
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.922	3.82 ng	673988	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
4	Diphenic anhydride	224	C14H8O3	006050-13-1	83
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-S

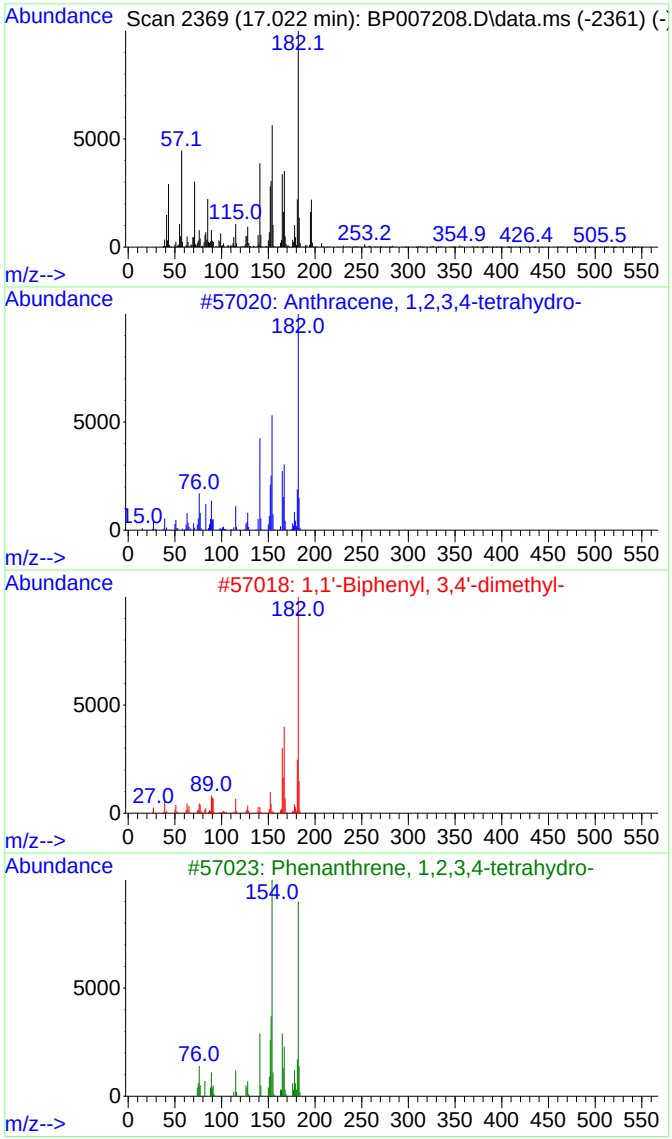
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

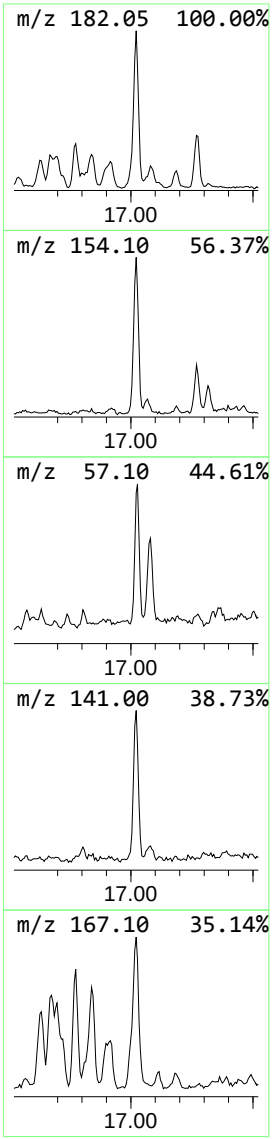
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	3.97 ng	699722	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	64
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	60
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	50
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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

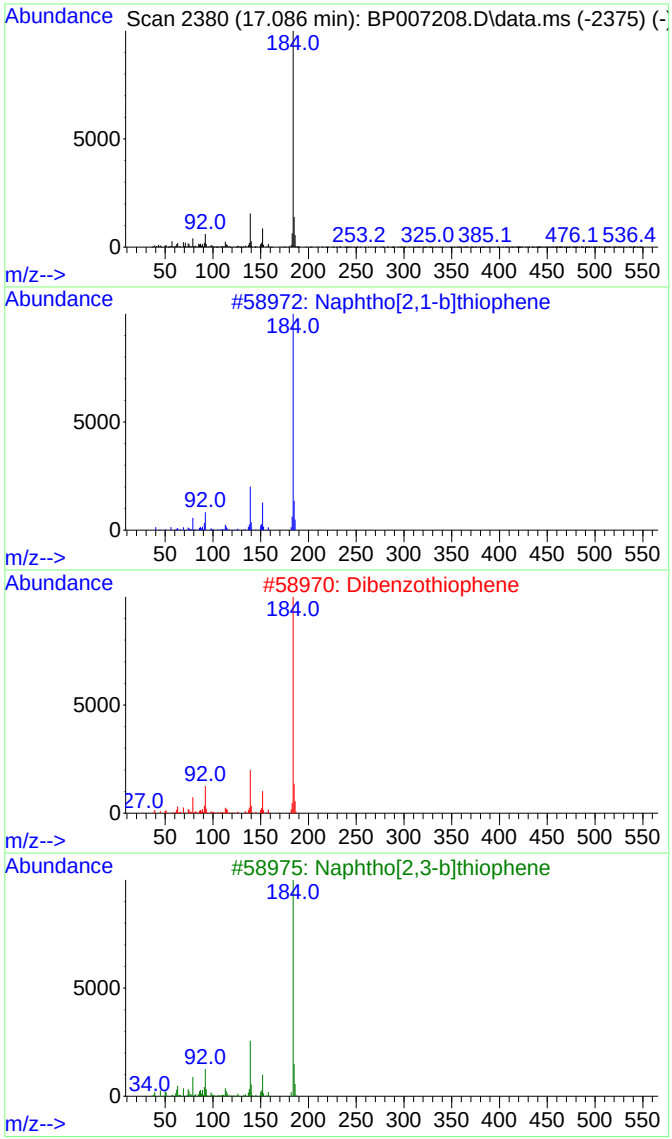
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

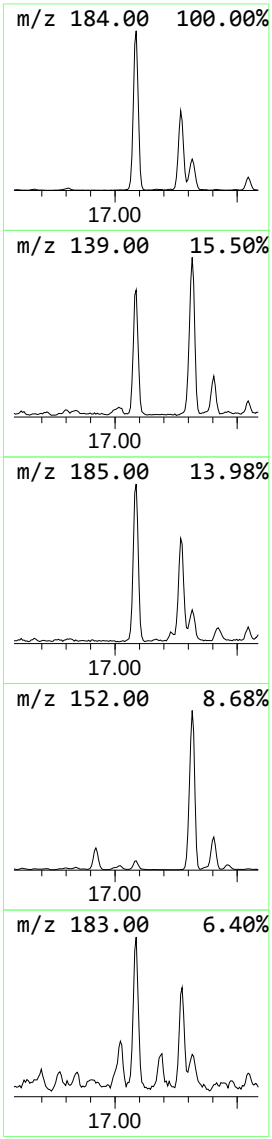
****

Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	6.14 ng	1084210	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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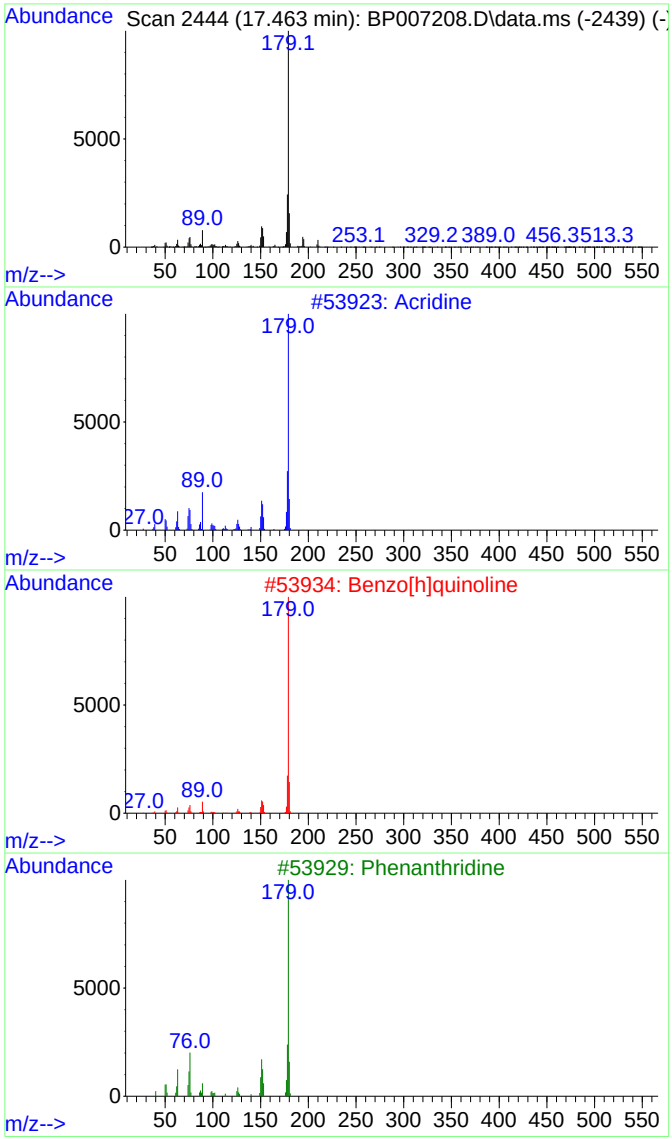
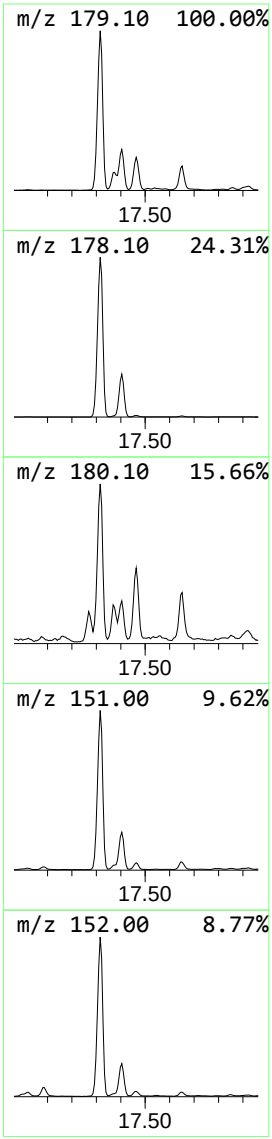
Peak Number 7 Acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	3.29 ng	579718	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	p-Phenylbenzonitrile	179	C13H9N	002920-38-9	93
5	Benzo[f]isoquinoline	179	C13H9N	000229-67-4	90





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Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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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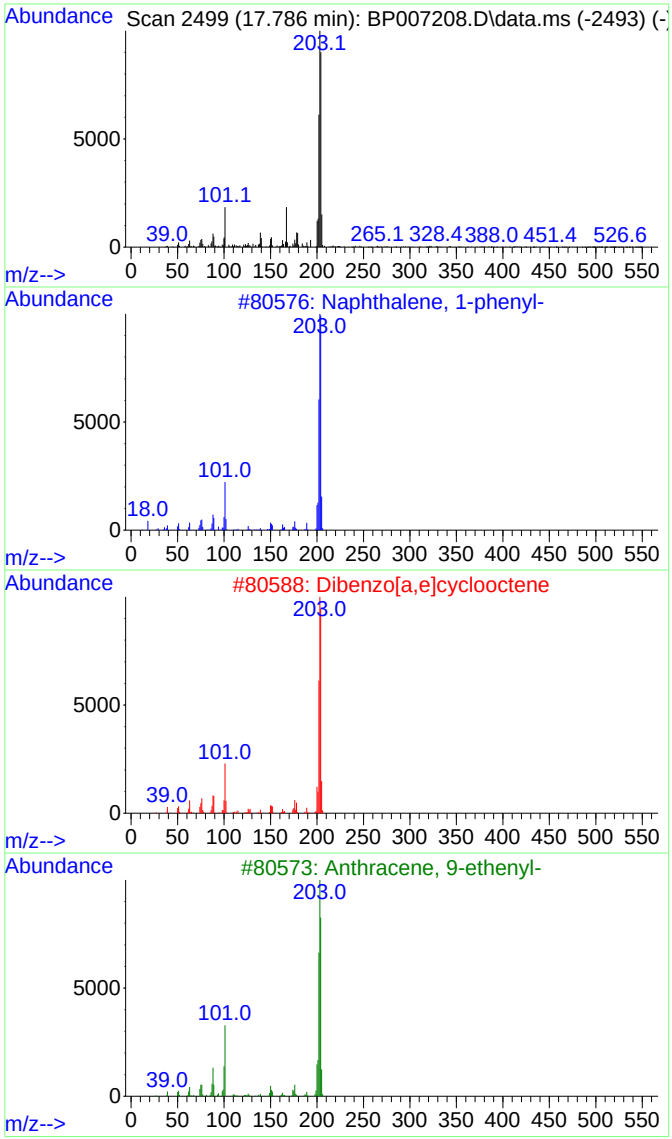
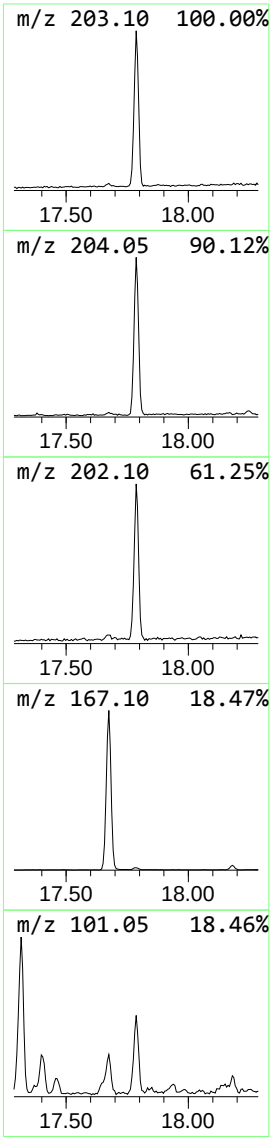
Peak Number 8 Naphthalene, 1-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	2.23 ng	392741	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	76
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-S

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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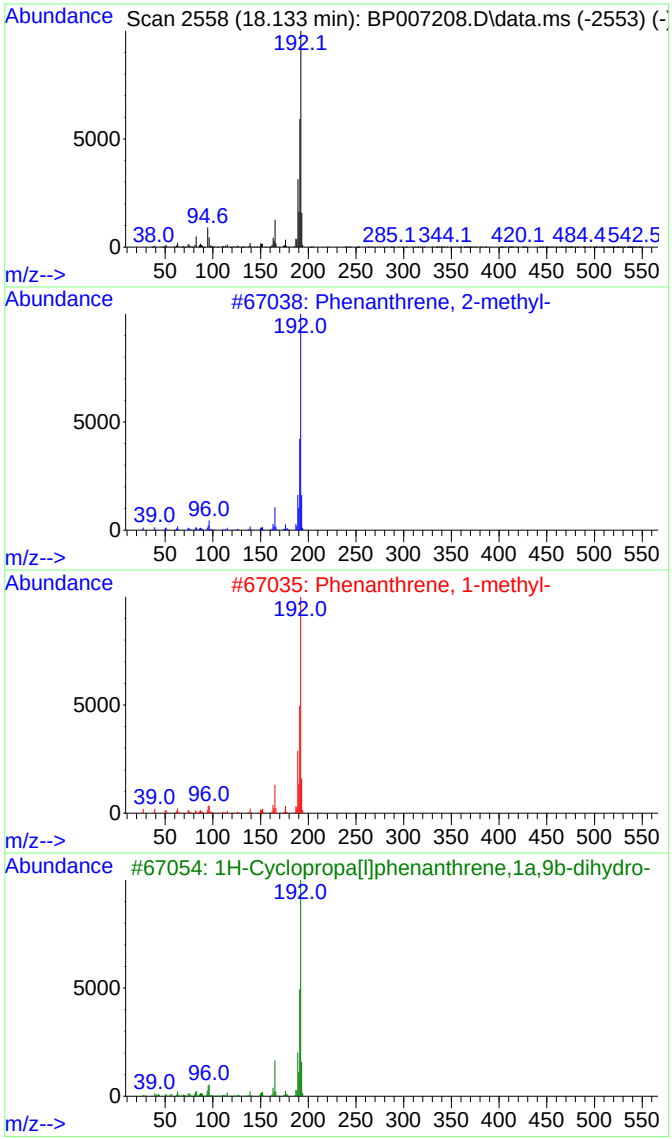
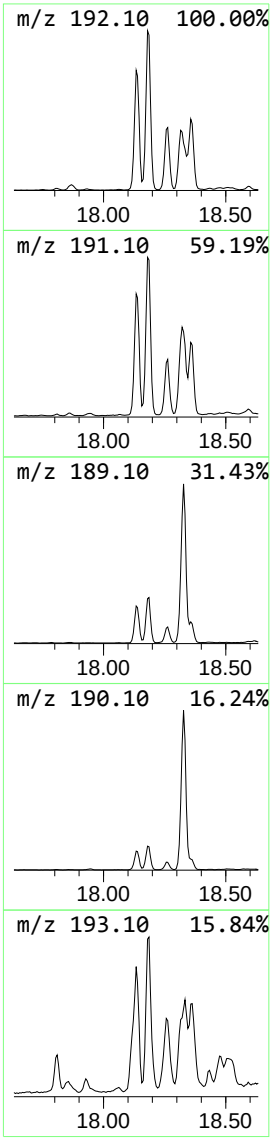
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	8.57 ng	1512200	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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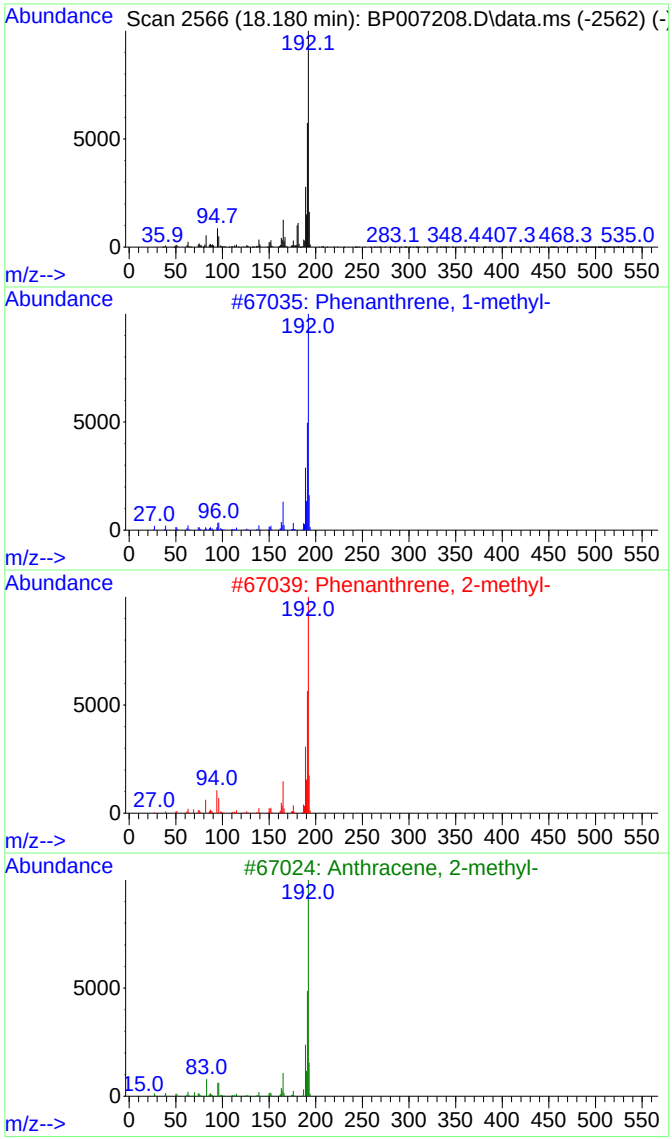
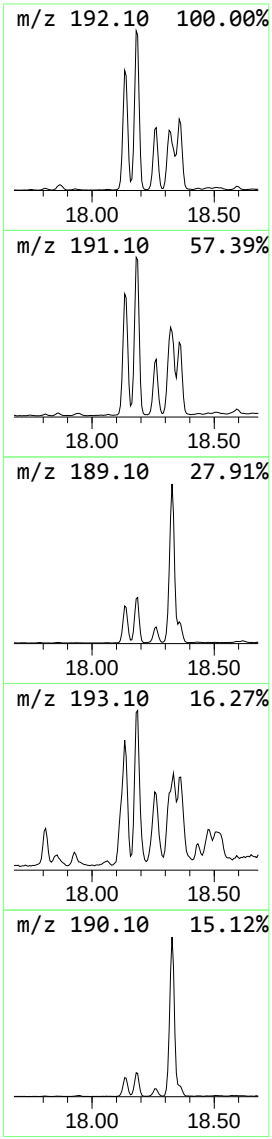
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	12.19 ng	2151100	Phenanthrene-d10	17.269

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





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Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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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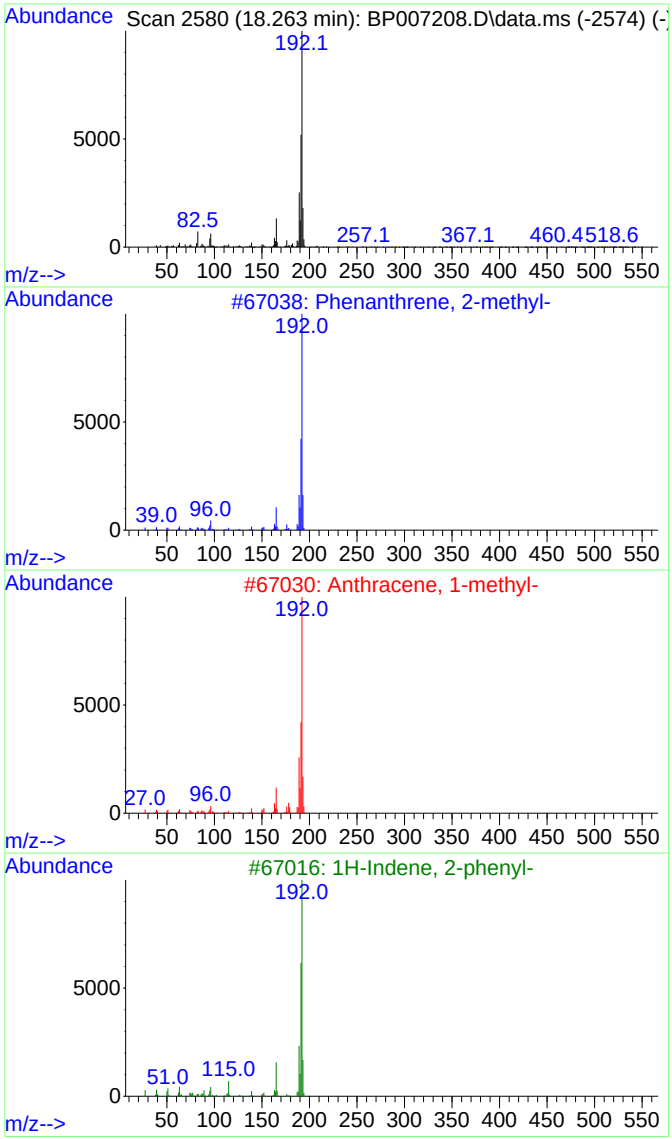
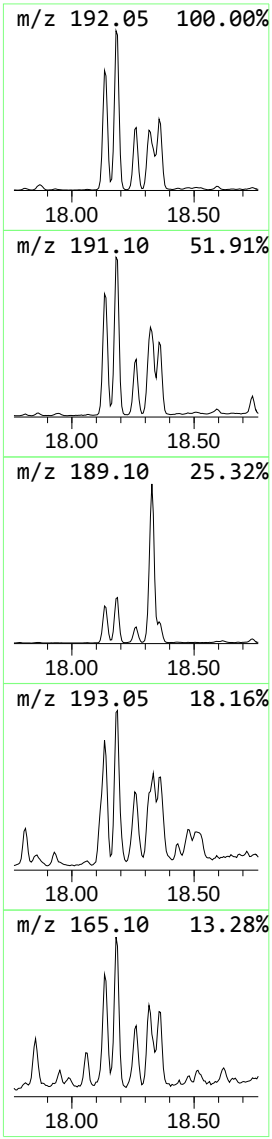
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	4.87 ng	859839	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

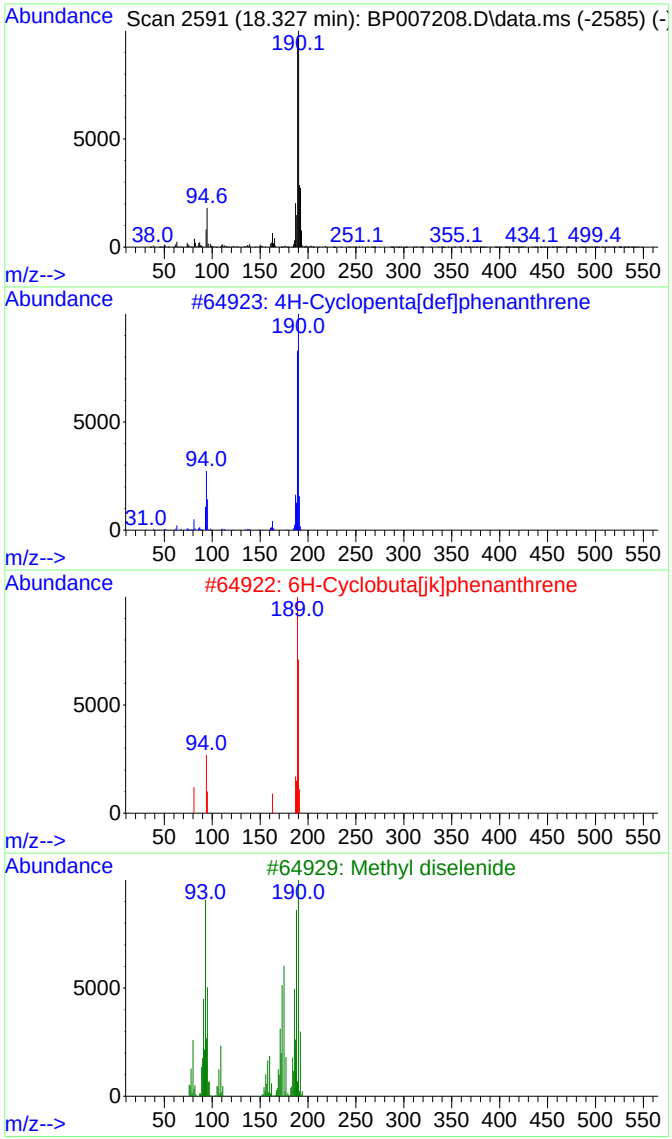
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

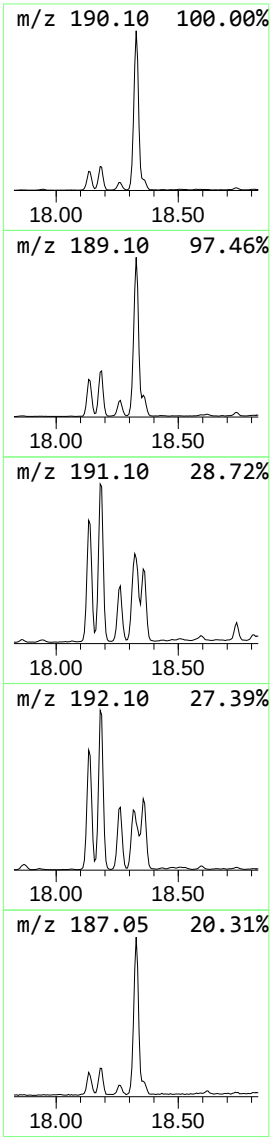
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	16.42 ng	2897880	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	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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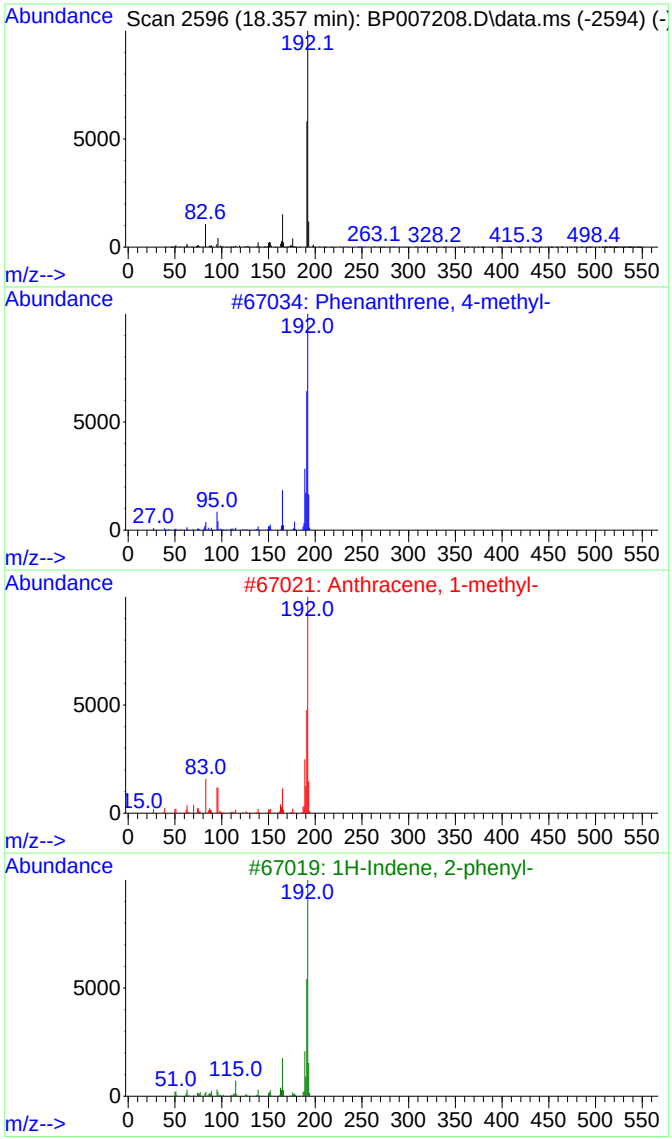
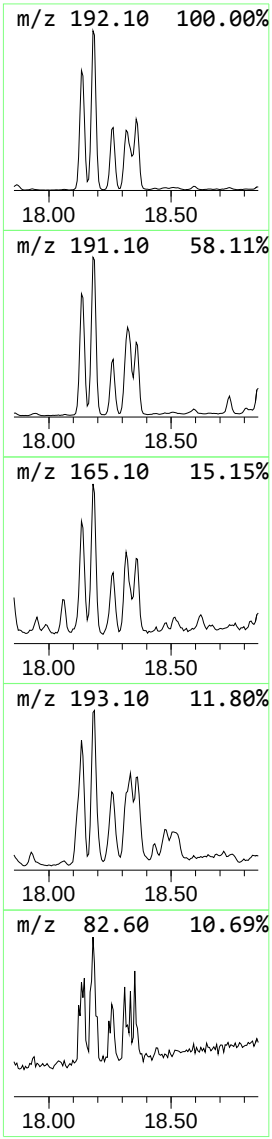
Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	4.42 ng	779721	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74





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Sample : M3935-04
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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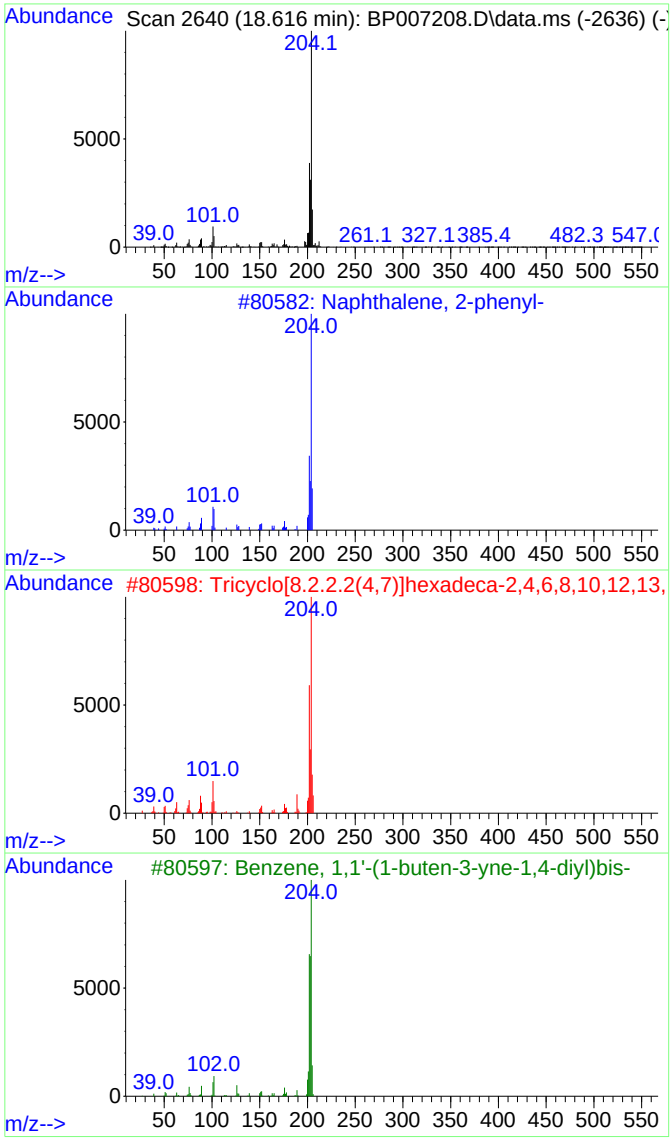
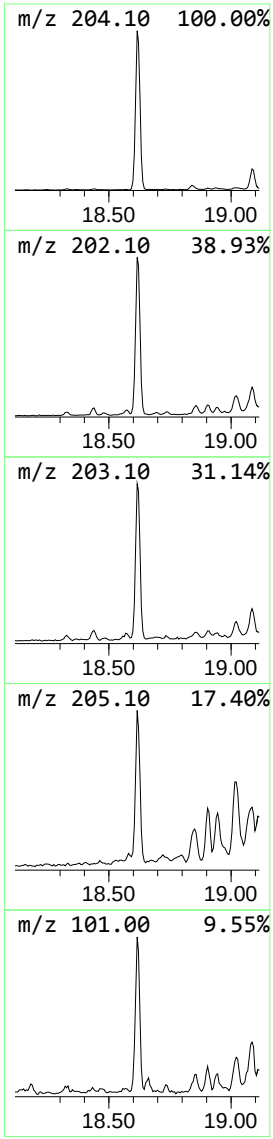
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	6.10 ng	1076420	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	47





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Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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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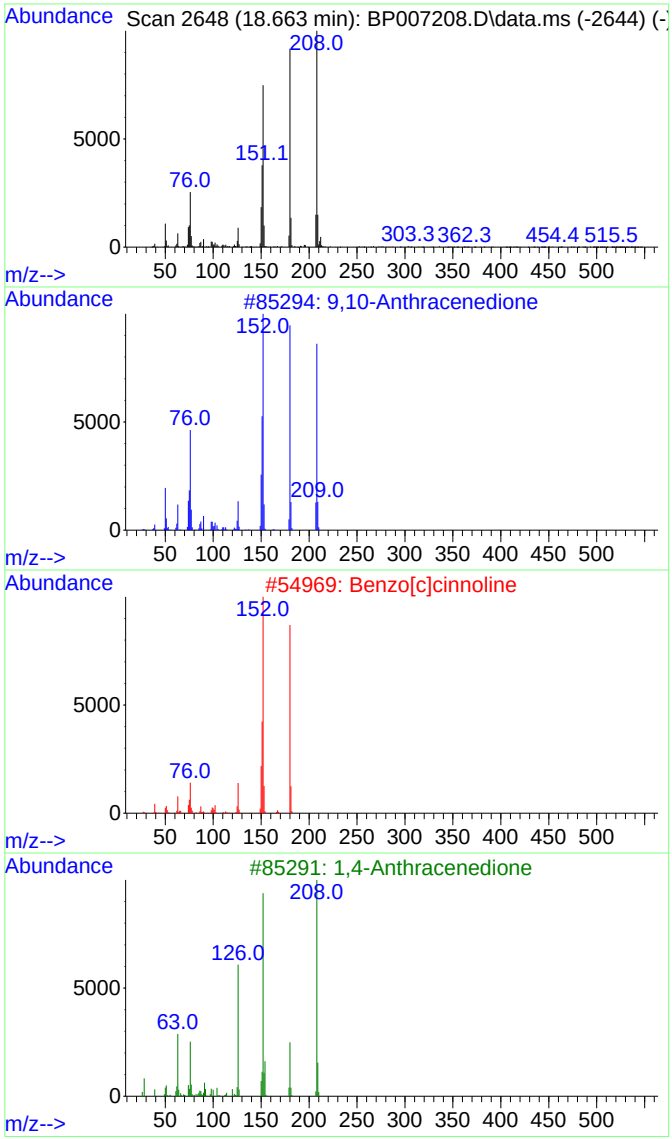
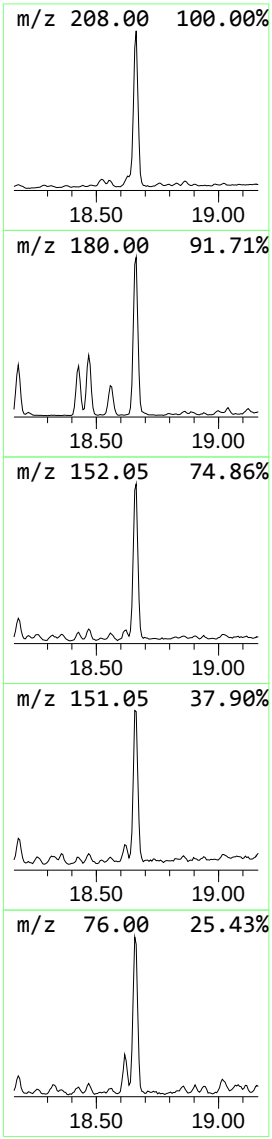
Peak Number 15 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	6.21 ng	1095770	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	91
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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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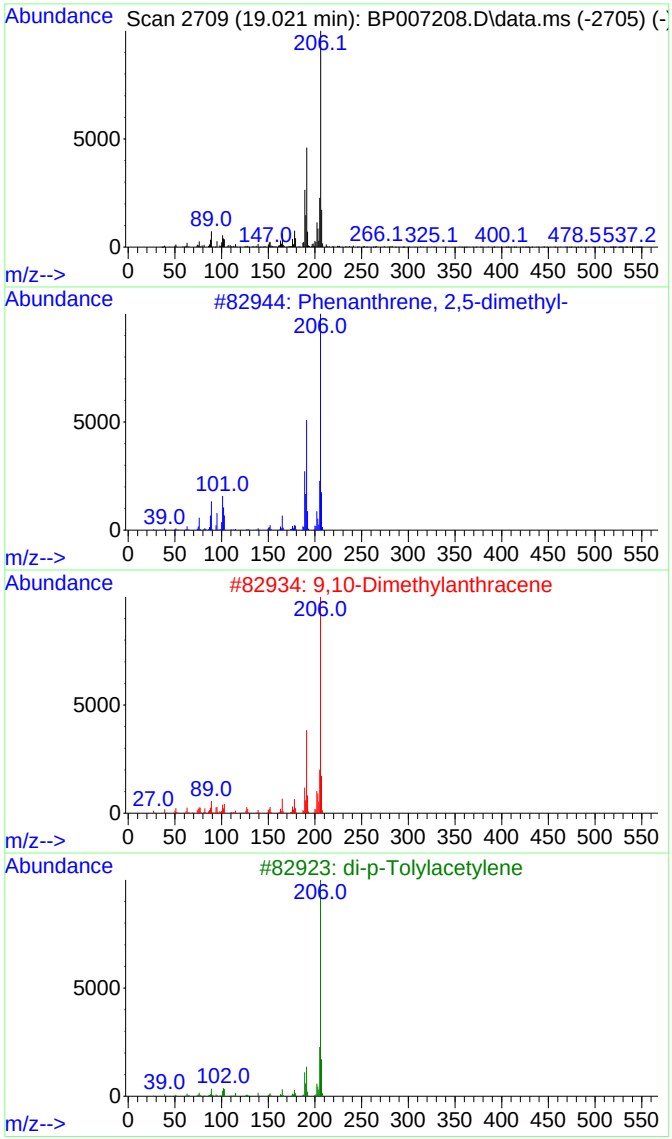
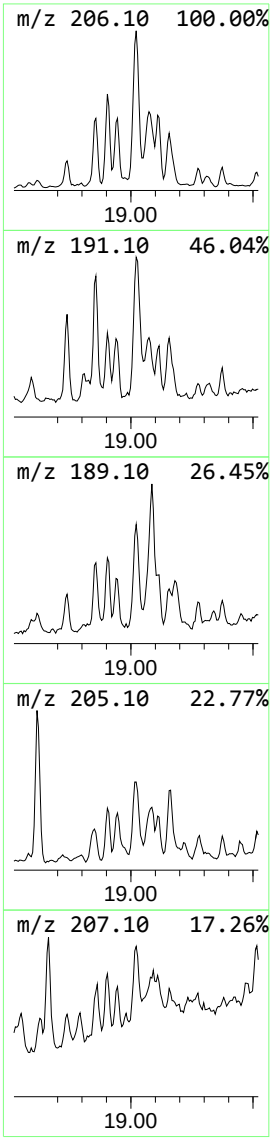
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	3.97 ng	700612	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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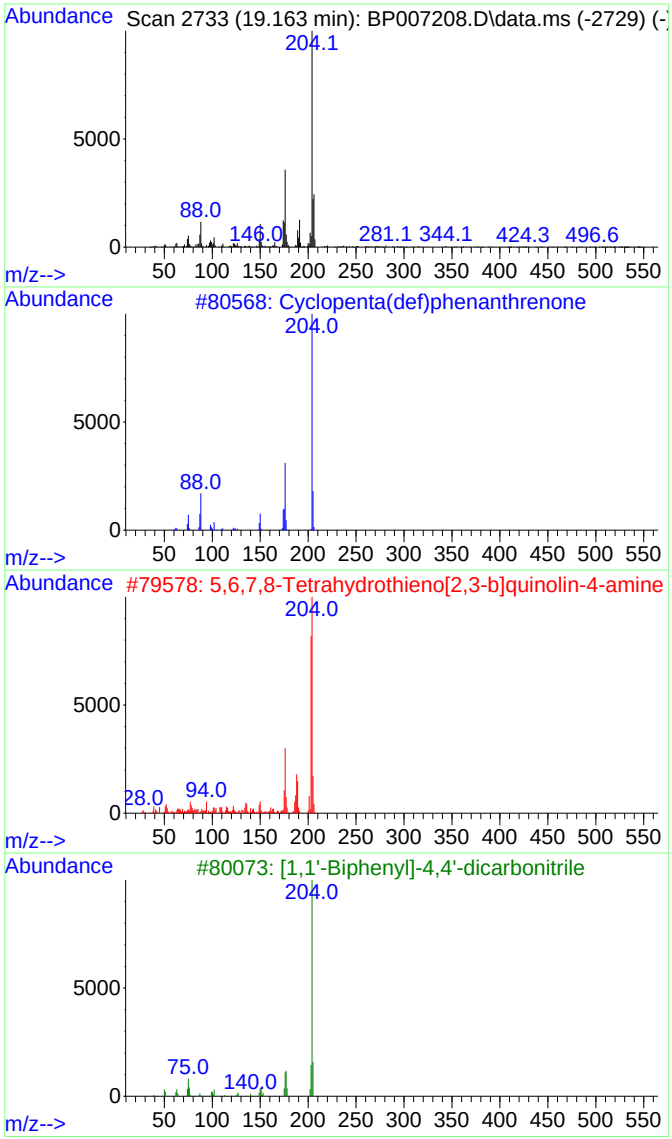
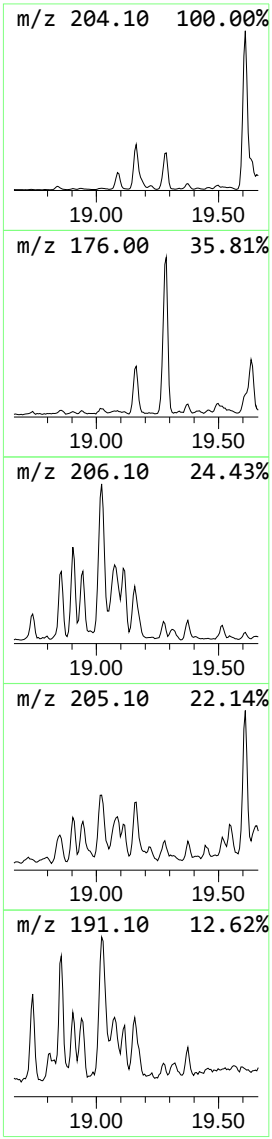
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	3.28 ng	578597	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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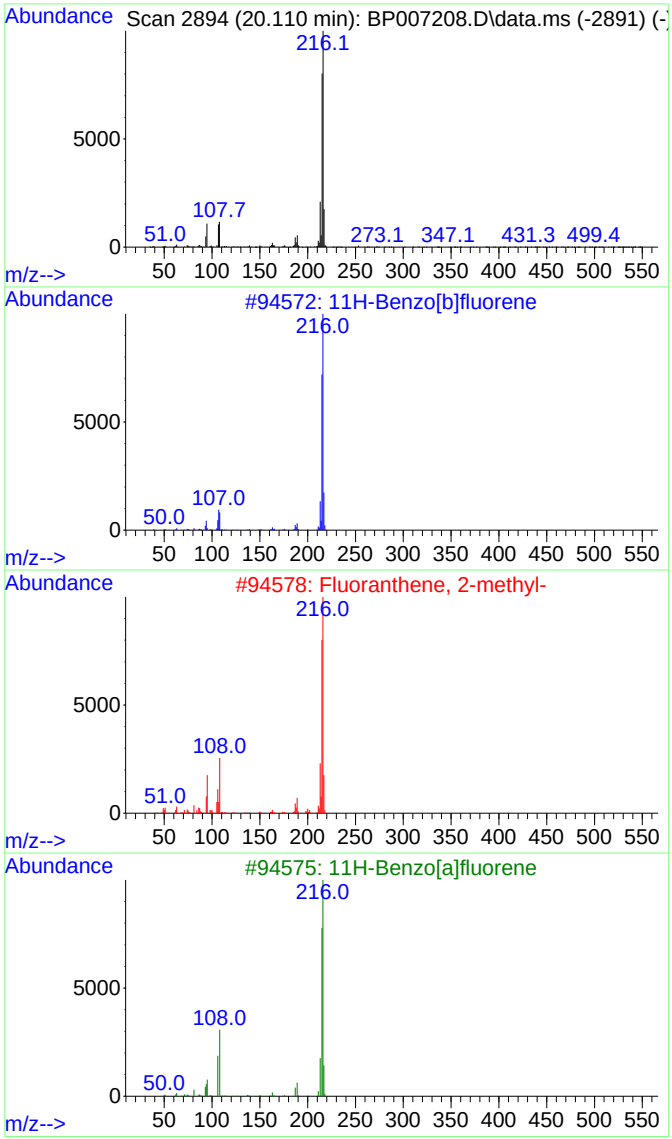
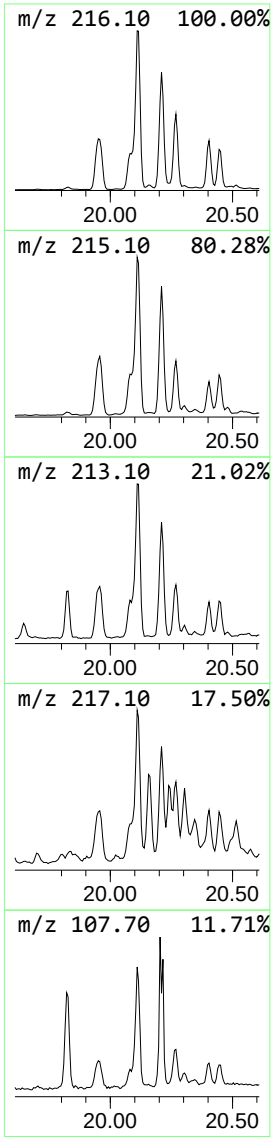
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	4.13 ng	1867090	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-S

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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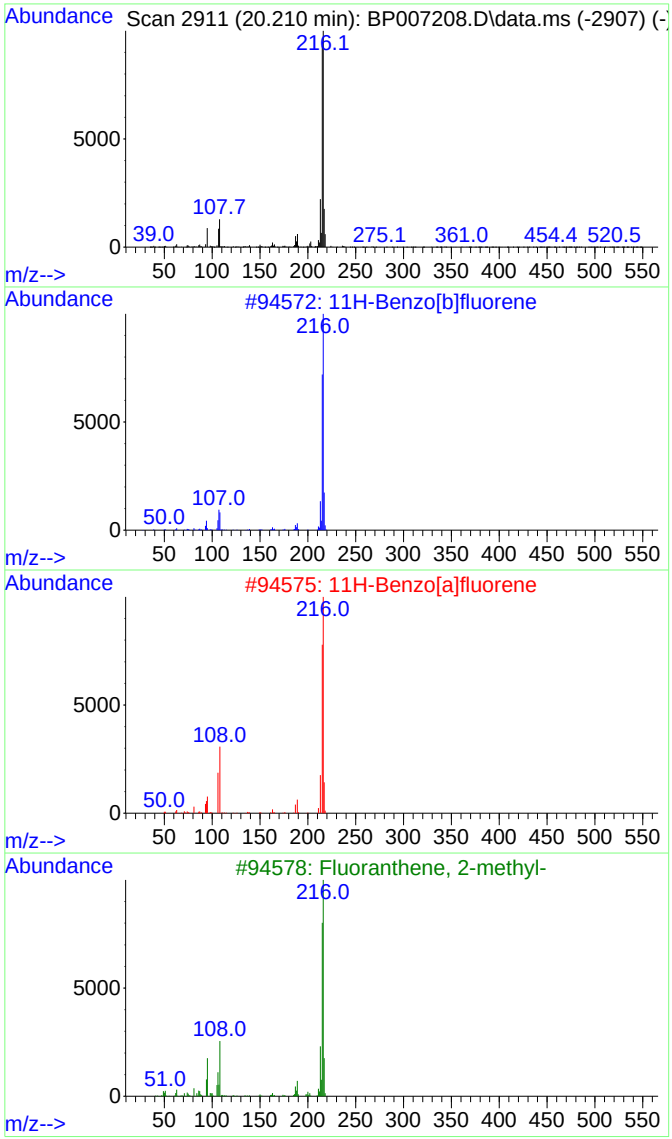
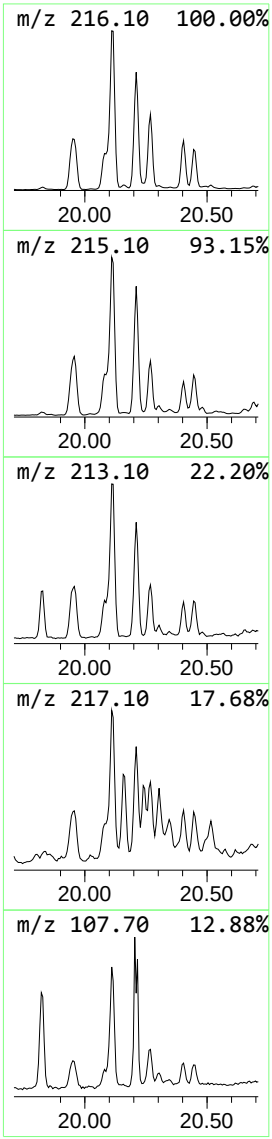
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.210	3.05 ng	1377770	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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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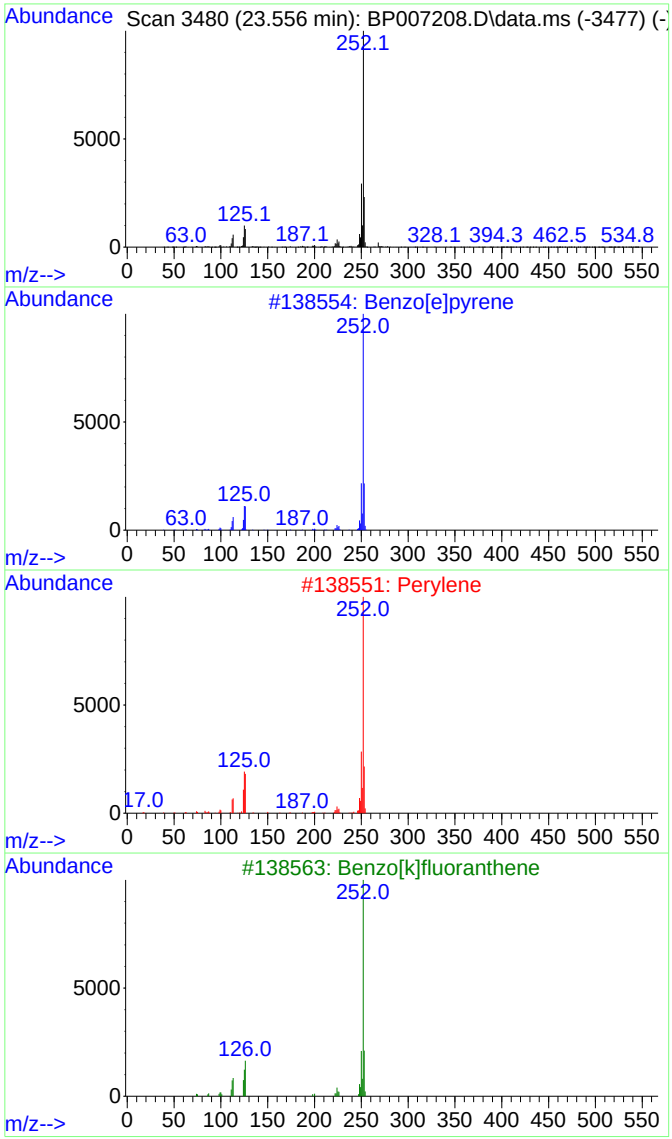
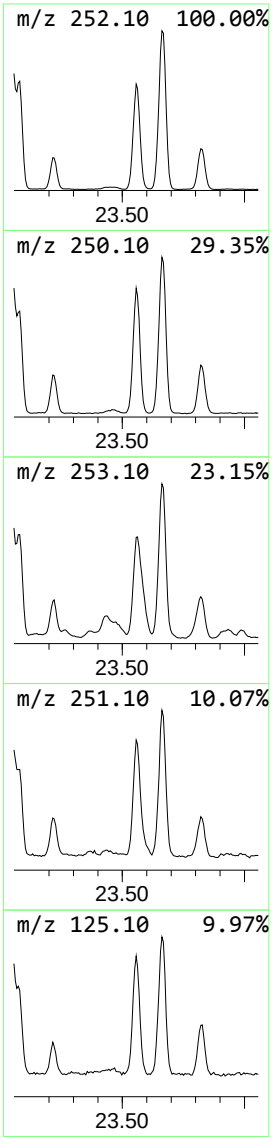
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.557	11.97 ng	2962380	Perylene-d12	23.774

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007208.D
Acq On : 27 Sep 2021 16:41
Operator : CG/JU
Sample : M3935-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-S

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	7.2	ng	929555	2	10.681	2568580	20.0
2,4,6-Cyclohept...	15.857	3.0	ng	528162	3	14.516	3501610	20.0
9H-Fluorene, 1-...	16.569	3.9	ng	694575	4	17.269	3528790	20.0
9H-Fluoren-9-one	16.922	3.8	ng	673988	4	17.269	3528790	20.0
Anthracene, 1,2...	17.022	4.0	ng	699722	4	17.269	3528790	20.0
Naphtho[2,1-b]t...	17.086	6.1	ng	1084210	4	17.269	3528790	20.0
Acridine	17.463	3.3	ng	579718	4	17.269	3528790	20.0
Naphthalene, 1-...	17.786	2.2	ng	392741	4	17.269	3528790	20.0
Phenanthrene, 2...	18.133	8.6	ng	1512200	4	17.269	3528790	20.0
Phenanthrene, 1...	18.180	12.2	ng	2151100	4	17.269	3528790	20.0
Anthracene, 1-m...	18.263	4.9	ng	859839	4	17.269	3528790	20.0
4H-Cyclopenta[d...	18.327	16.4	ng	2897880	4	17.269	3528790	20.0
Phenanthrene, 4...	18.357	4.4	ng	779721	4	17.269	3528790	20.0
Naphthalene, 2-...	18.616	6.1	ng	1076420	4	17.269	3528790	20.0
9,10-Anthracene...	18.663	6.2	ng	1095770	4	17.269	3528790	20.0
Phenanthrene, 2...	19.021	4.0	ng	700612	4	17.269	3528790	20.0
Cyclopenta(def)...	19.163	3.3	ng	578597	4	17.269	3528790	20.0
Fluoranthene, 2...	20.110	4.1	ng	1867090	5	21.357	9046830	20.0
11H-Benzo[b]flu...	20.210	3.0	ng	1377770	5	21.357	9046830	20.0
Benzo[e]pyrene	23.557	12.0	ng	2962380	6	23.774	4950560	20.0