LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007180.D
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-8

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: BP007180.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	398	404	415	rBV	1648272	2453924	23.05%	2.062%
2	7.063	667	676	693	rBV	1628339	2630871	24.72%	2.211%
3	7.887	810	816	826	rBV	951579	1550205	14.56%	1.303%
4	9.052	1007	1014	1023	rBV	1004236	1643860	15.44%	1.381%
5	10.475	1250	1256	1267	rBV	108071	221446	2.08%	0.186%
6	10.693	1285	1293	1298	rBV	1294617	2189238	20.57%	1.840%
7	10.740	1298	1301	1308	rVB	118443	188688	1.77%	0.159%
8	12.351	1569	1575	1583	rVB	101740	165440	1.55%	0.139%
9	12.569	1606	1612	1622	rVB	93944	149366	1.40%	0.126%
10	13.145	1703	1710	1722	rBV	2853453	4130953	38.81%	3.471%
11	13.698	1796	1804	1811	rBV4	71609	193475	1.82%	0.163%
12	13.845	1823	1829	1834	rBV	133270	229255	2.15%	0.193%
13	13.898	1834	1838	1843	rVV	81444	111158	1.04%	0.093%
14	13.975	1847	1851	1861	rVB	125012	210483	1.98%	0.177%
15	14.081	1861	1869	1873	rBV	69861	122693	1.15%	0.103%
16	14.245	1891	1897	1907	rBV	553067	885349	8.32%	0.744%
17	14.522	1935	1944	1950	rBV	2016634	3015389	28.33%	2.534%
18	14.587	1950	1955	1963	rVB	306094	483186	4.54%	0.406%
19	14.922	2006	2012	2019	rVB	252335	395116	3.71%	0.332%
20	14.998	2020	2025	2030	rVB	96081	132499	1.24%	0.111%
21	15.139	2042	2049	2053	rBV4	92926	206015	1.94%	0.173%
22	15.310	2071	2078	2081	rBV4	61915	136308	1.28%	0.115%
23	15.392	2087	2092	2098	rVB2	80946	136021	1.28%	0.114%
24	15.569	2117	2122	2133	rBV2	492382	774466	7.28%	0.651%
25	15.775	2153	2157	2162	rBV2	75018	129508	1.22%	0.109%
26	15.863	2167	2172	2178	rBV2	97812	174193	1.64%	0.146%
27	16.010	2189	2197	2205	rBV	2333978	3496379	32.85%	2.938%
28	16.245	2233	2237	2245	rVB6	146495	273540	2.57%	0.230%
29	16.575	2286	2293	2298	rBV2	146386	288112	2.71%	0.242%
30	16.628	2298	2302	2307	rVB3	102205	143751	1.35%	0.121%
31	16.728	2315	2319	2323	rVB2	97564	140157	1.32%	0.118%
32	16.928	2349	2353	2360	rVB4	90385	157470	1.48%	0.132%
33	17.092	2376	2381	2389	rVB	275920	463087	4.35%	0.389%
34	17.275	2406	2412	2415	rBV	2407278	3466819	32.57%	2.913%
35	17.316	2415	2419	2426	rVV	3619241	5119913	48.10%	4.302%
36	17.404	2429	2434	2440	rVV	1291517	1835357	17.24%	1.542%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-8

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	17.469	2440	2445	2450	rVV2	164777	296422	2.78%	0.249%
38	17.680	2476	2481	2488	rBV	287784	444600	4.18%	0.374%
39	17.792	2498	2500	2504	rVB	121174	119116	1.12%	0.100%
40	17.851	2507	2510	2517	rVB2	166157	238725	2.24%	0.201%
41	17.998	2530	2535	2540	rBV	101400	191619	1.80%	0.161%
42	18.139	2555	2559	2564	rBV	671381	1217438	11.44%	1.023%
43	18.186	2564	2567	2574	rVB	922528	1209679	11.36%	1.016%
44	18.263	2576	2580	2585	rVV	396398	542599	5.10%	0.456%
45	18.328	2585	2591	2595	rVV2	1455686	2512165	23.60%	2.111%
46	18.363	2595	2597	2603	rVB	489335	579111	5.44%	0.487%
47	18.522	2621	2624	2628	rVB3	109645	140338	1.32%	0.118%
48	18.622	2637	2641	2645	rVV	449808	535966	5.04%	0.450%
49	18.663	2645	2648	2654	rVB2	188579	269580	2.53%	0.227%
50	18.863	2679	2682	2685	rVB	166507	175780	1.65%	0.148%
51	18.910	2687	2690	2693	rVV	251342	298345	2.80%	0.251%
52	18.945	2693	2696	2700	rVB2	194424	241646	2.27%	0.203%
53	19.027	2705	2710	2714	rBV	566118	947753	8.90%	0.796%
54	19.163	2729	2733	2740	rBV3	320044	691507	6.50%	0.581%
55	19.286	2748	2754	2759	rBV	7970711	10643908	100.00%	8.944%
56	19.339	2759	2763	2766	rVV2	663583	857489	8.06%	0.721%
57	19.380	2767	2770	2774	rVV2	206864	298625	2.81%	0.251%
58	19.427	2775	2778	2781	rVB	250252	303198	2.85%	0.255%
59	19.516	2791	2793	2797	rBV	228671	246652	2.32%	0.207%
60	19.604	2804	2808	2809	rBV	1078939	1221359	11.47%	1.026%
61	19.639	2809	2814	2821	rVV	7241662	10352027	97.26%	8.698%
62	19.704	2821	2825	2831	rVB2	379575	596207	5.60%	0.501%
63	19.827	2840	2846	2850	rBV	4376333	5475784	51.45%	4.601%
64	19.869	2850	2853	2858	rVB	322083	451327	4.24%	0.379%
65	19.951	2862	2867	2873	rBV3	489766	1166428	10.96%	0.980%
66	20.116	2891	2895	2900	rVB2	1285192	1799500	16.91%	1.512%
67	20.216	2908	2912	2916	rBV2	940932	1129956	10.62%	0.949%
68	20.269	2918	2921	2925	rVB2	705513	932295	8.76%	0.783%
69	20.410	2942	2945	2948	rBV	505528	547839	5.15%	0.460%
70	20.451	2949	2952	2956	rVB	543743	637801	5.99%	0.536%
71	21.045	3051	3053	3057	rBV	457386	592544	5.57%	0.498%
72	21.345	3100	3104	3110	rBV2	4626434	9513861	89.38%	7.994%
73	21.398	3110	3113	3122	rVB	3595293	4693994	44.10%	3.944%
74	23.039	3387	3392	3398	rBV	2711386	6672846	62.69%	5.607%
75	23.568	3478	3482	3492	rVB	1821285	3668346	34.46%	3.082%
76	23.674	3494	3500	3507	rVB	2726074	5438346	51.09%	4.570%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

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

77	23.780	3513	3518	3523	rBV2	1679550	3075160	28.89%	2.584%

Sum of corrected areas: 119011571

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
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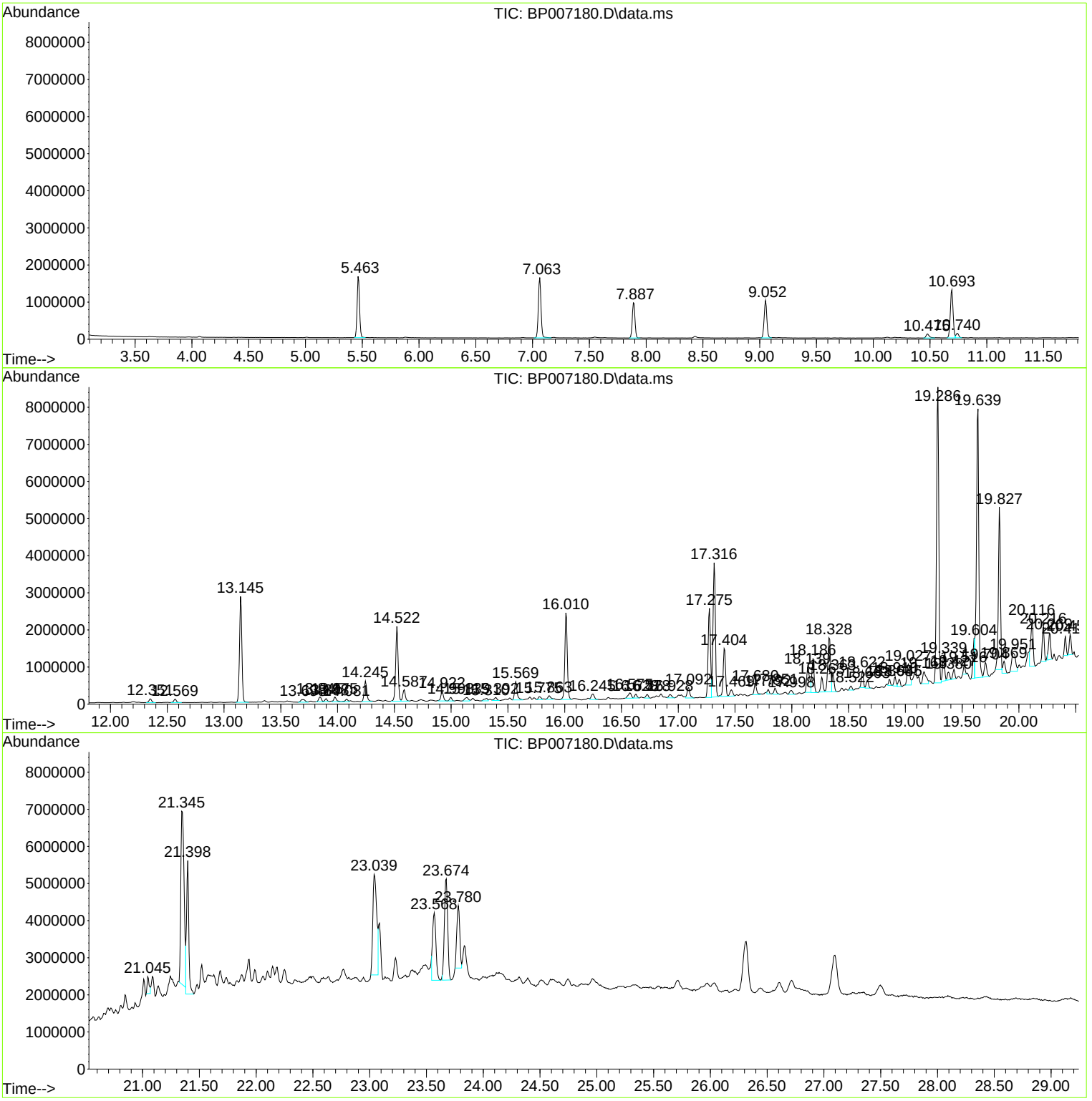
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

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 : BP007180.D
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
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Instrument :
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TP-8

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

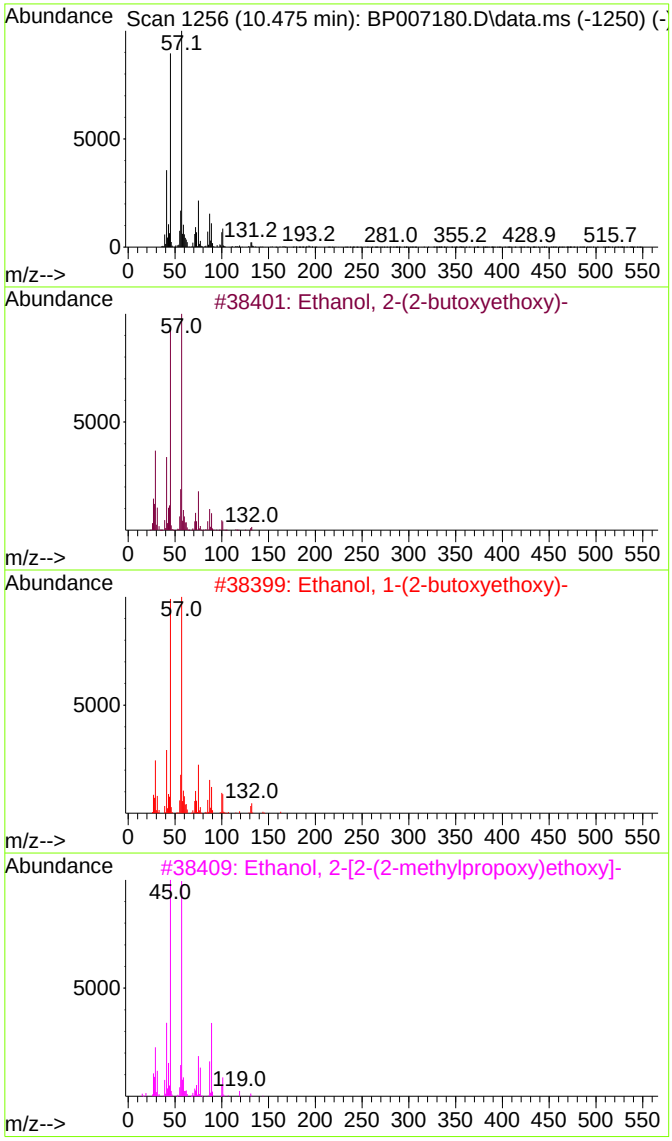
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

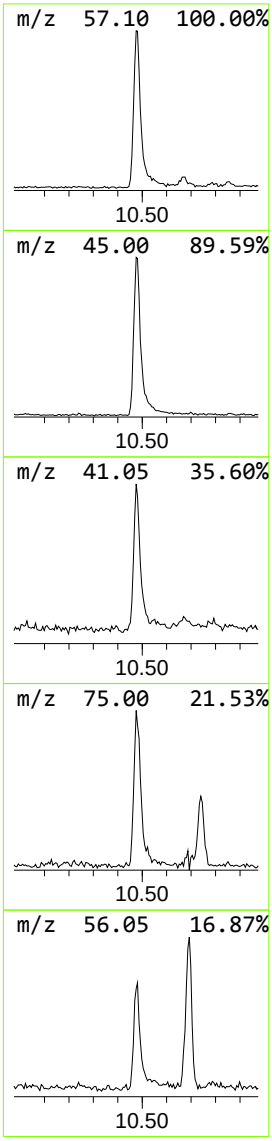
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	2.02 ng	221446	Naphthalene-d8	10.693

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	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007180.D
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

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

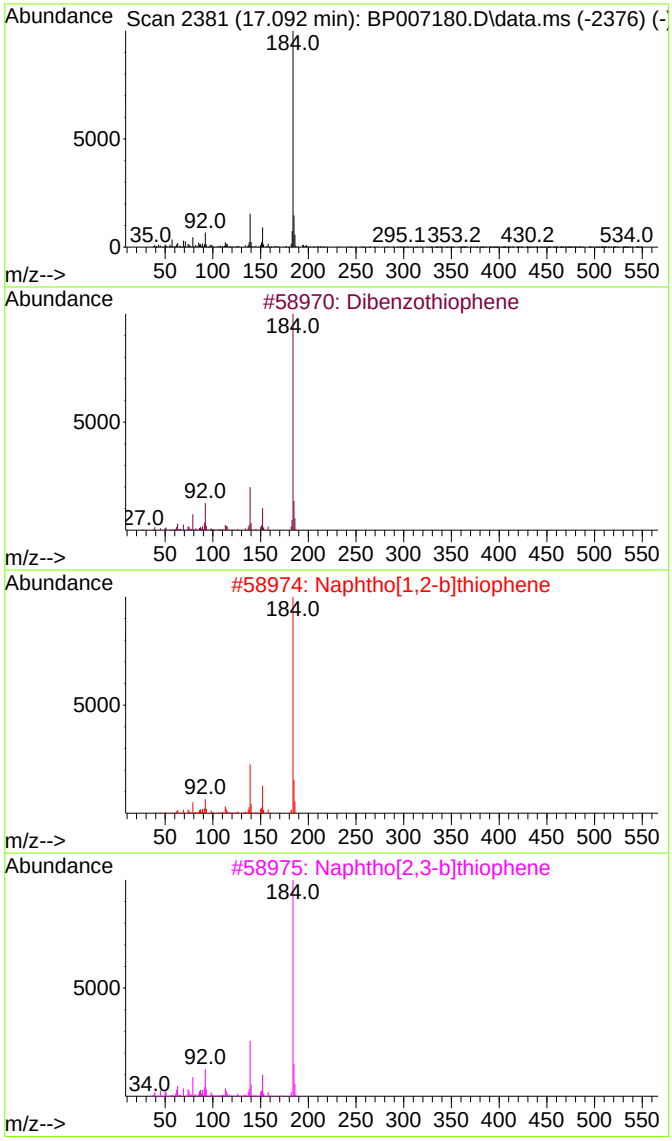
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

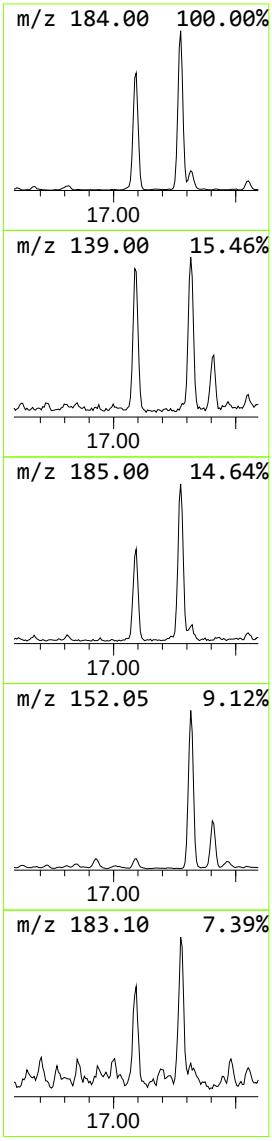
****

Peak Number 3 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	2.67 ng	463087	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007180.D
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

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

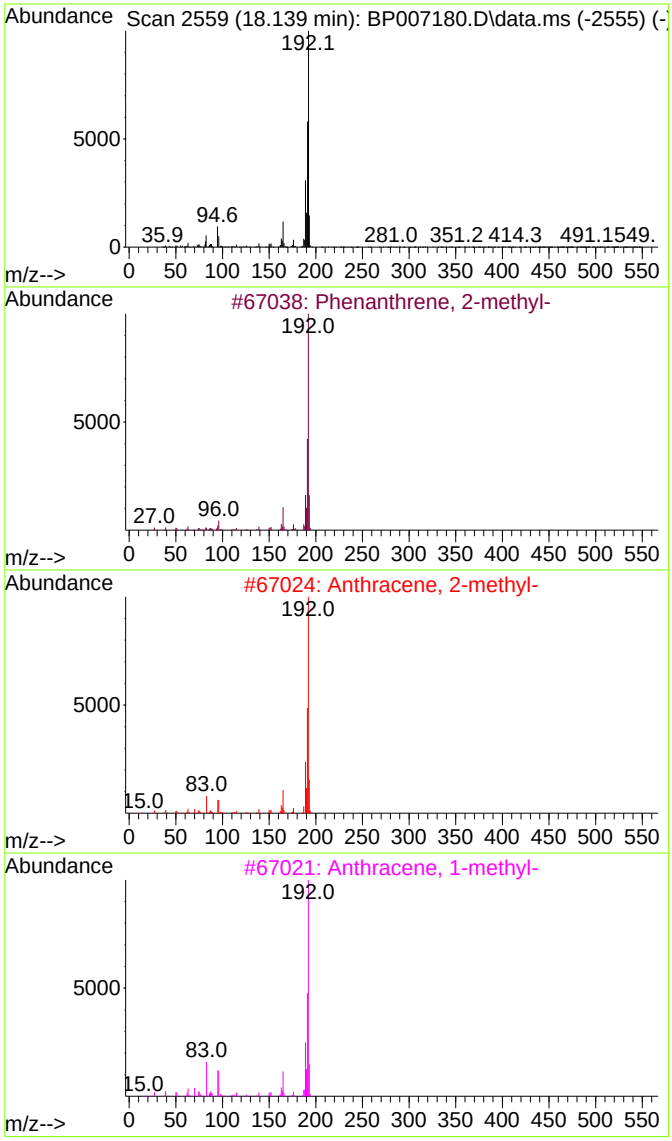
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

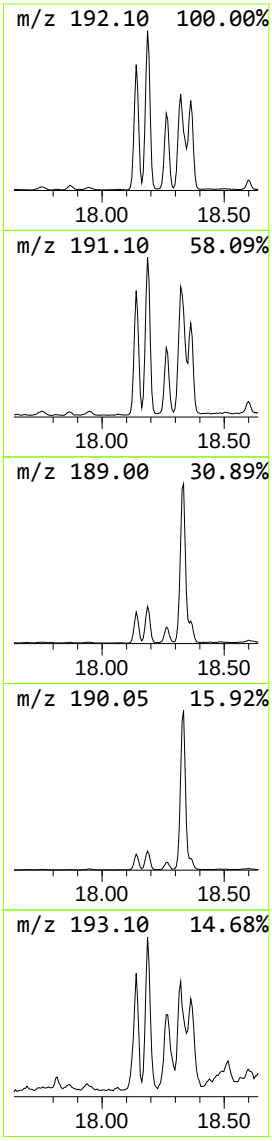
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	7.02 ng	1217440	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





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Misc :
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Instrument :
BNA_P
ClientSampleId :
TP-8

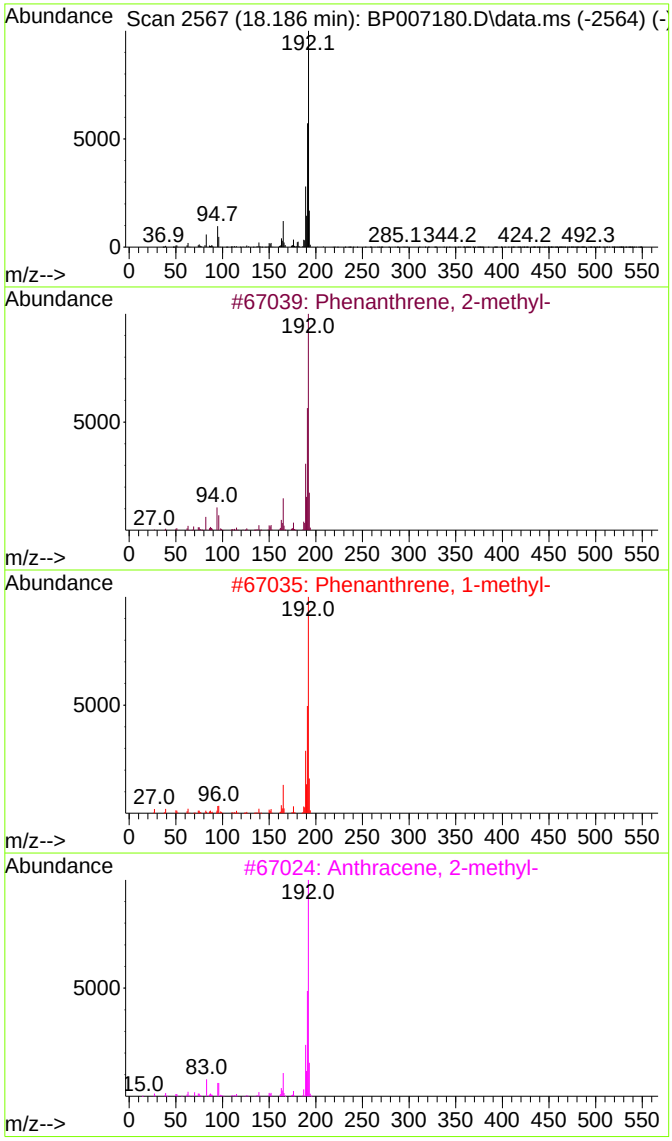
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

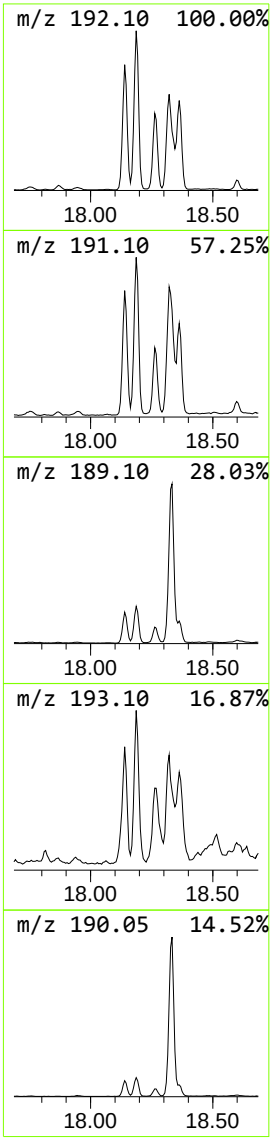
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	6.98 ng	1209680	Phenanthrene-d10	17.275

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Misc :
ALS Vial : 21 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

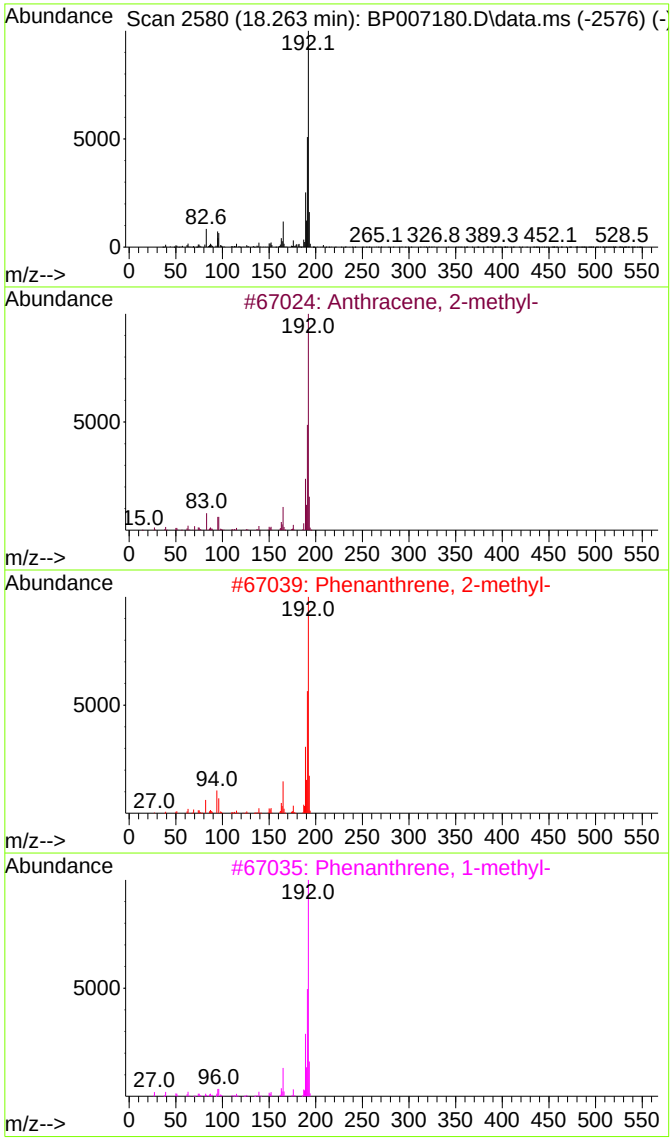
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

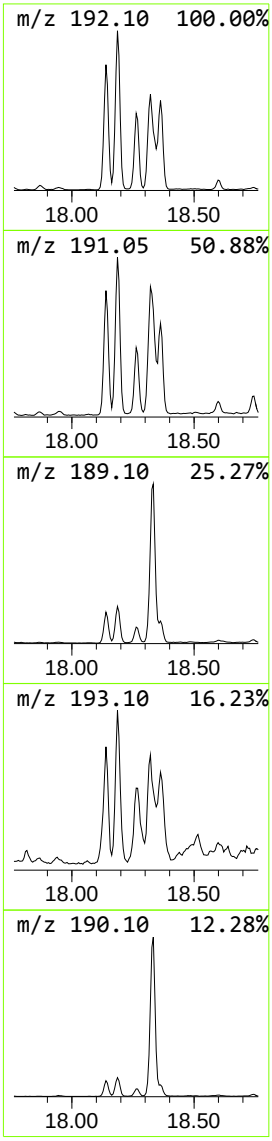
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	3.13 ng	542599	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007180.D
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

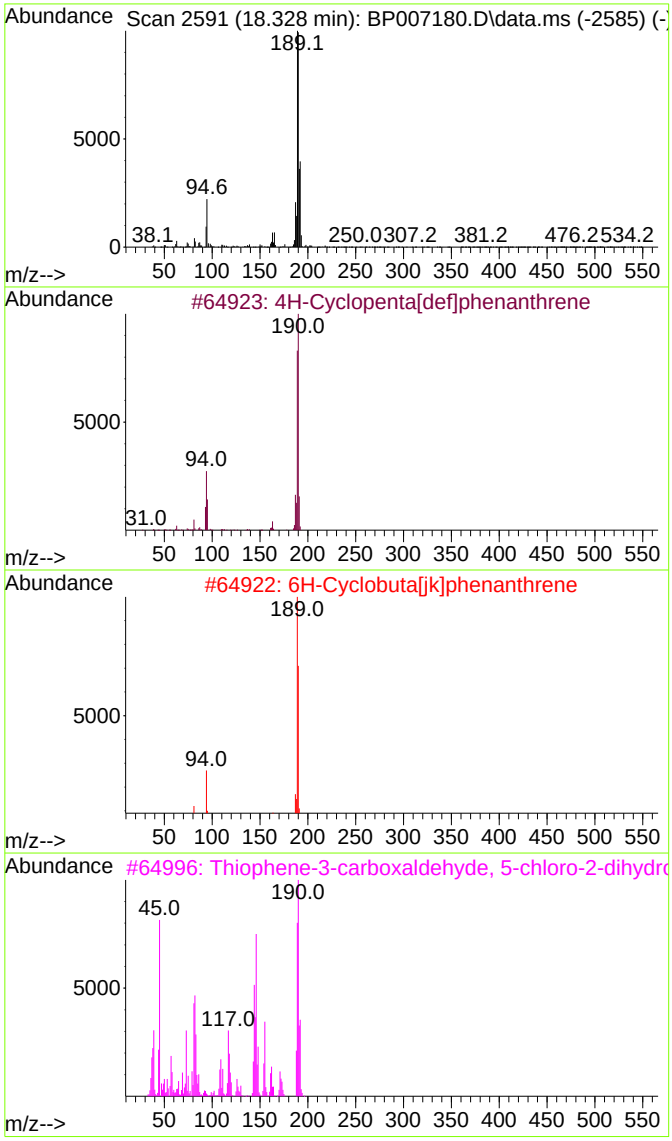
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

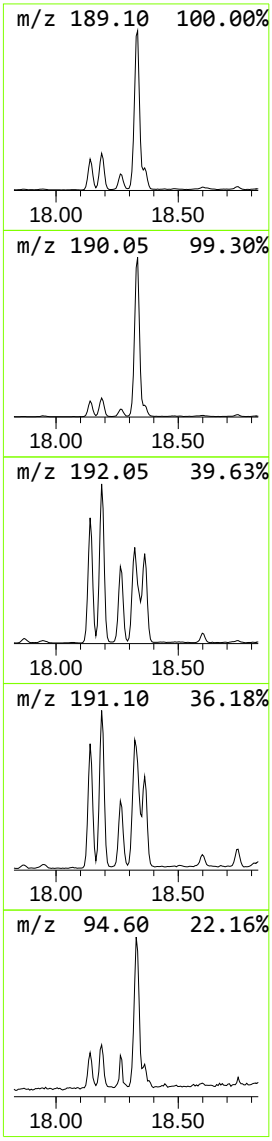
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	14.49 ng	2512170	Phenanthrene-d10	17.275

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	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46





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Data File : BP007180.D
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-8

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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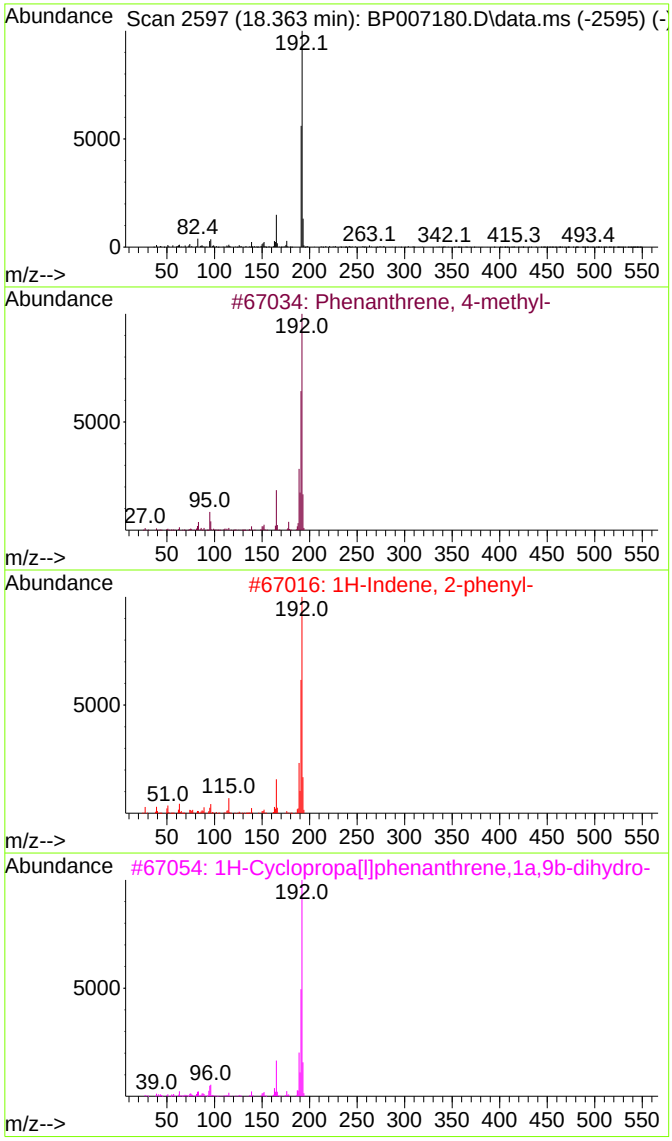
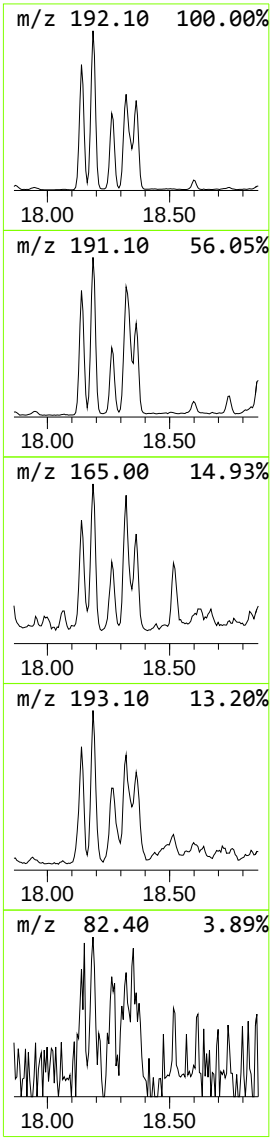
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	3.34 ng	579111	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

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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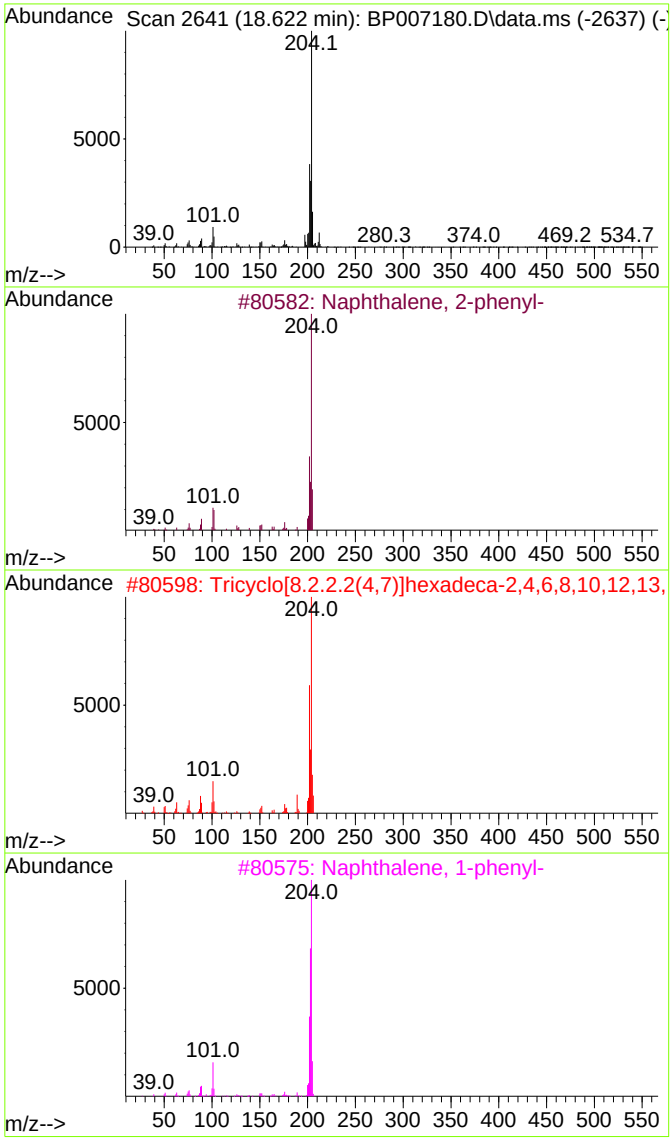
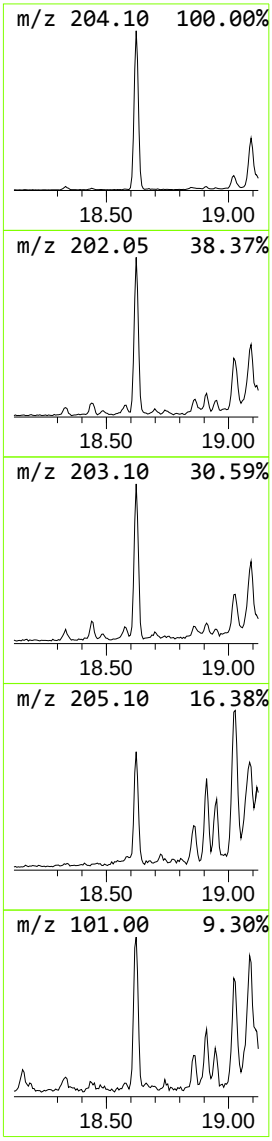
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	3.09 ng	535966	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	47





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Sample : M3917-13 2X
Misc :
ALS Vial : 21 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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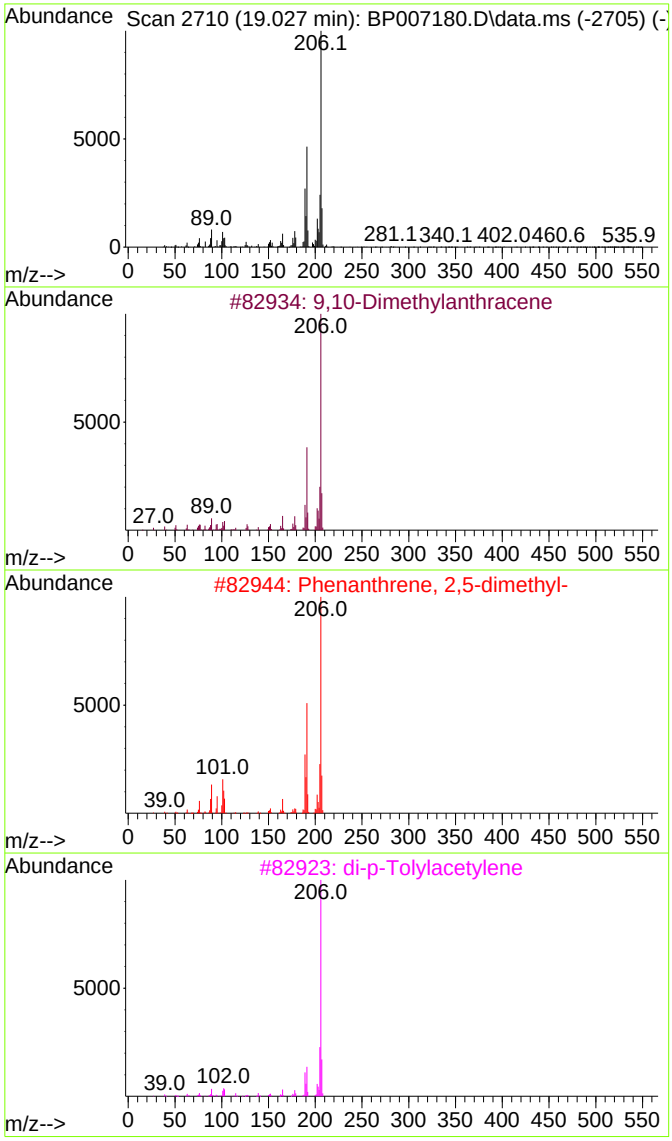
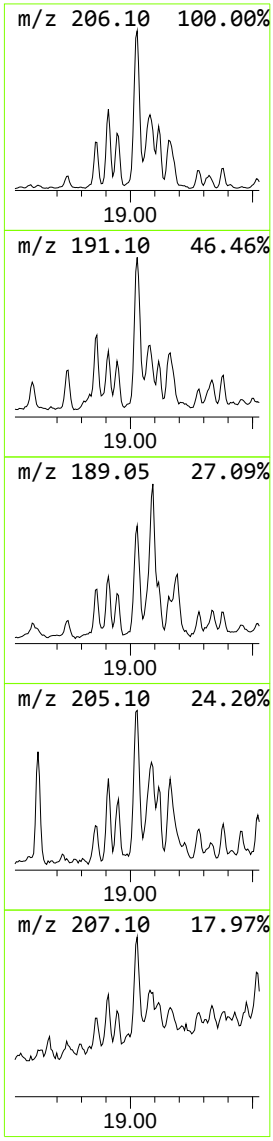
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	5.47 ng	947753	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

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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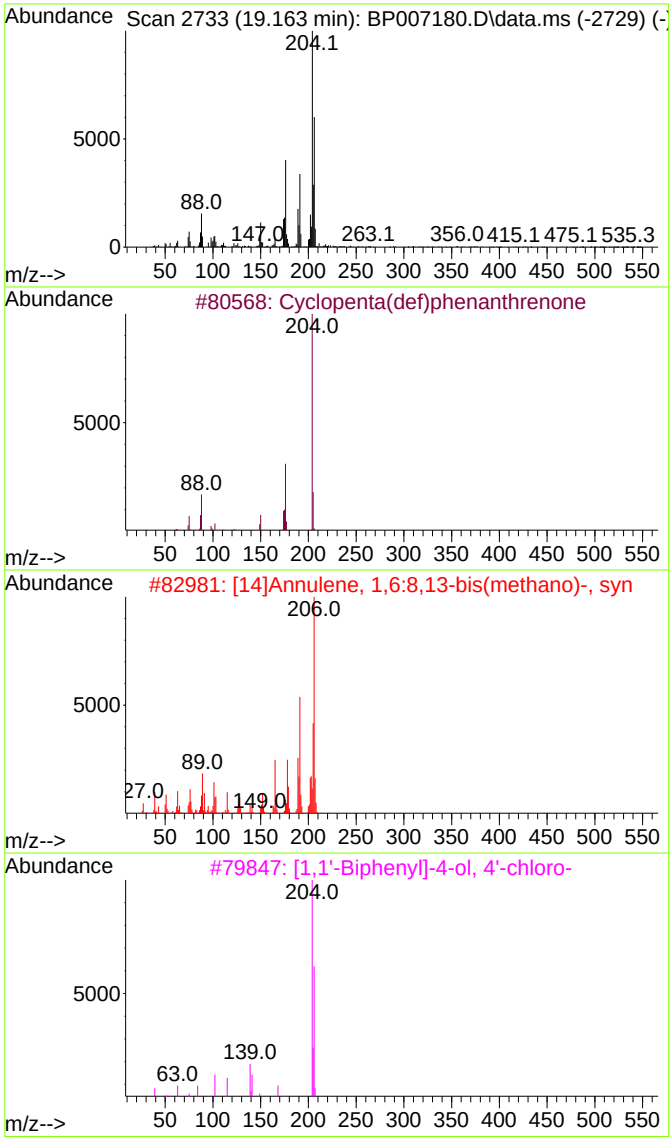
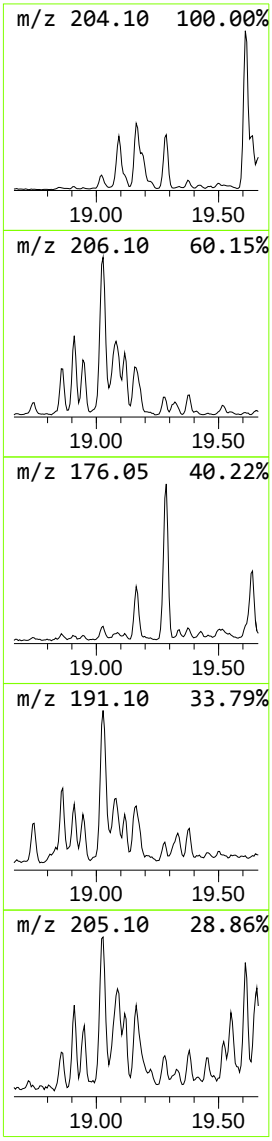
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	3.99 ng	691507	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	38





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Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-8

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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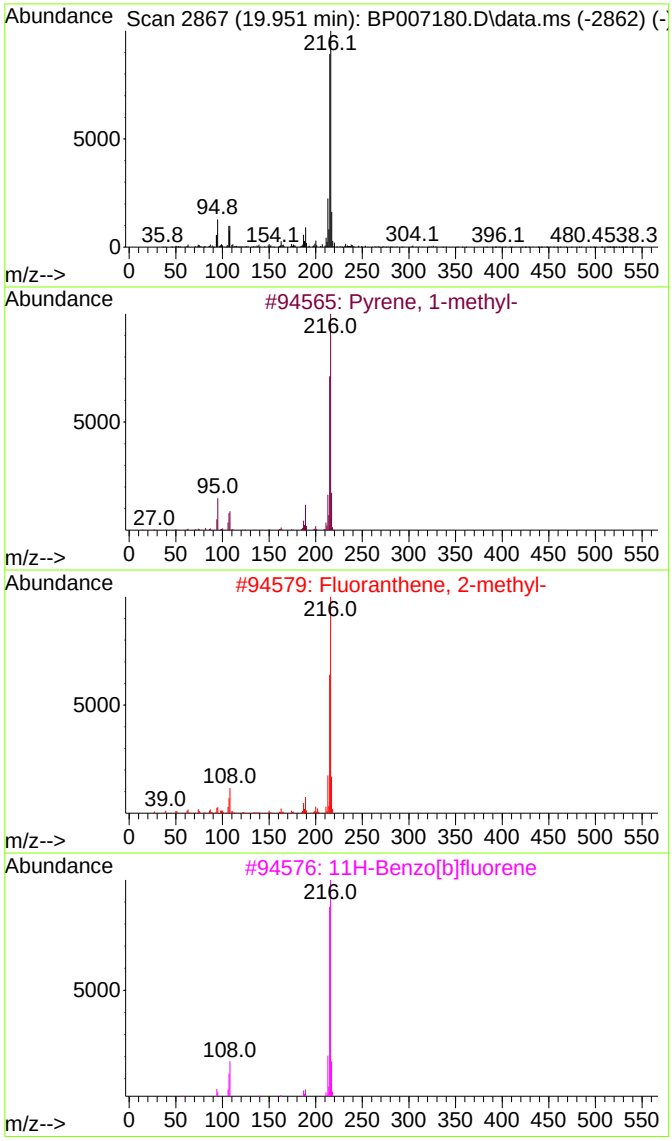
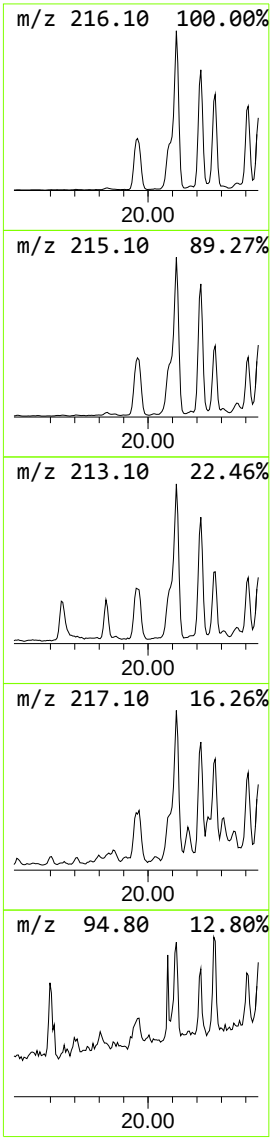
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.951	2.45 ng	1166430	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

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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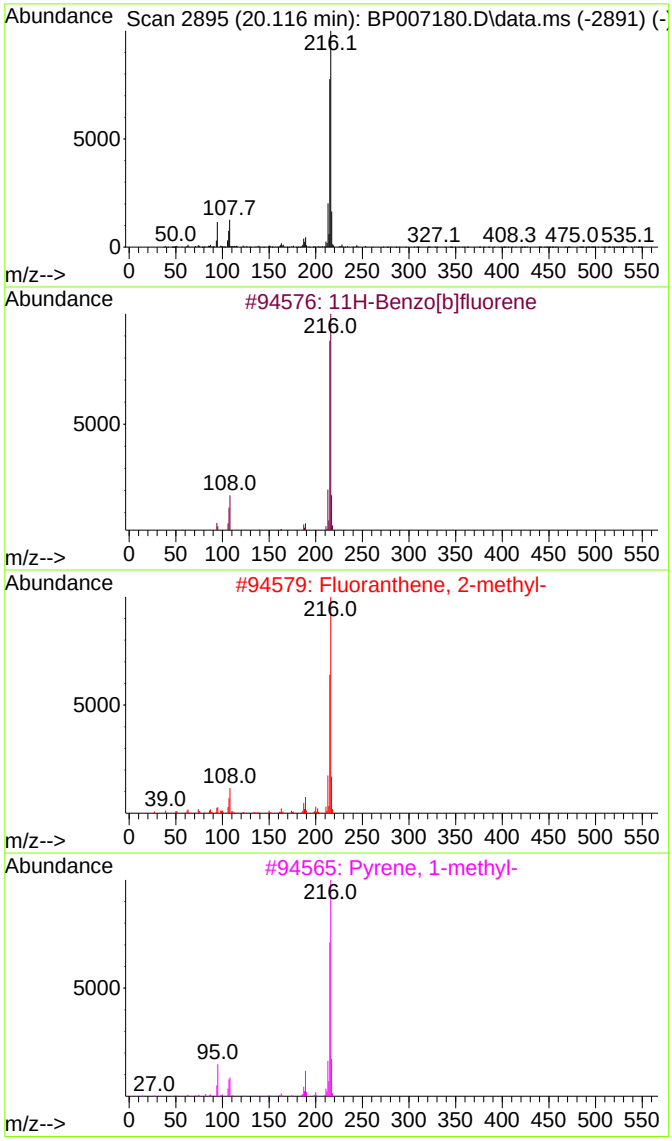
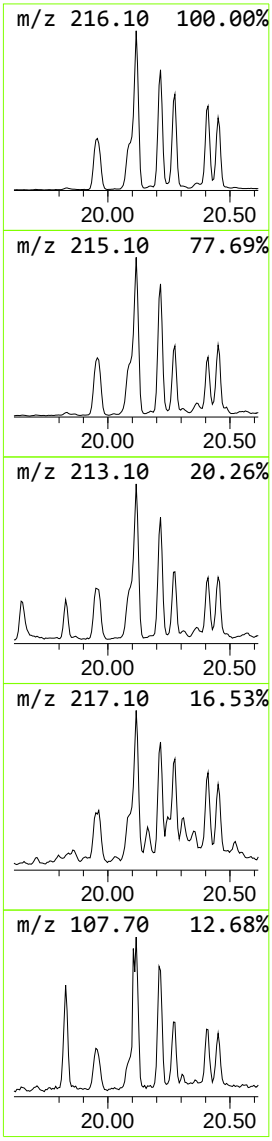
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	3.78 ng	1799500	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Data File : BP007180.D
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-8

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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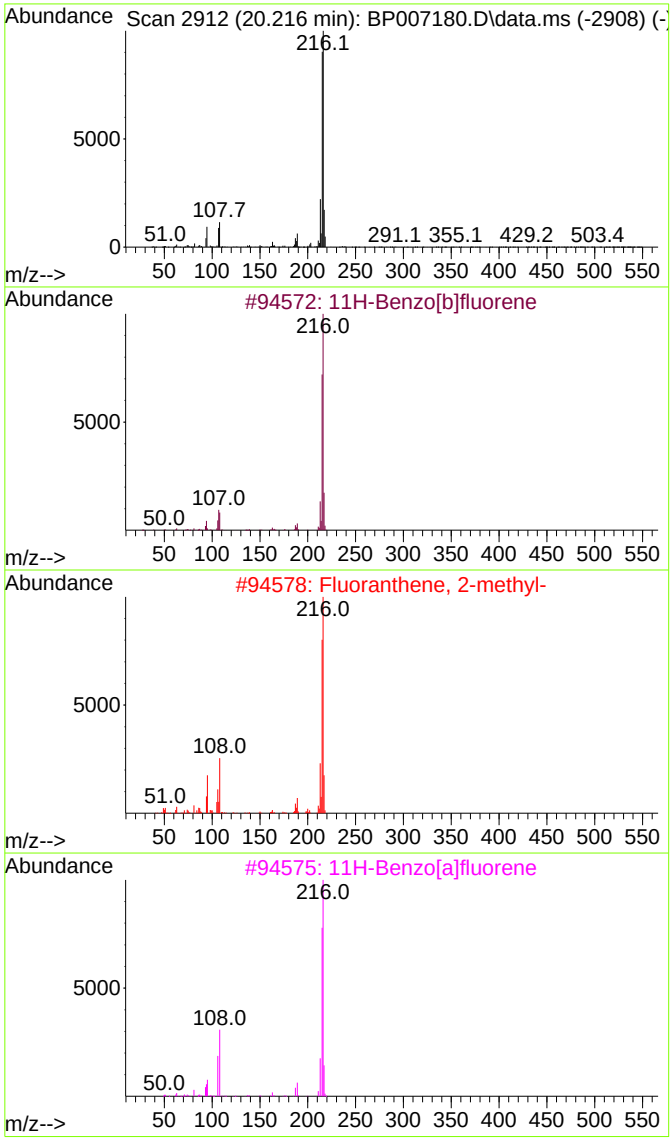
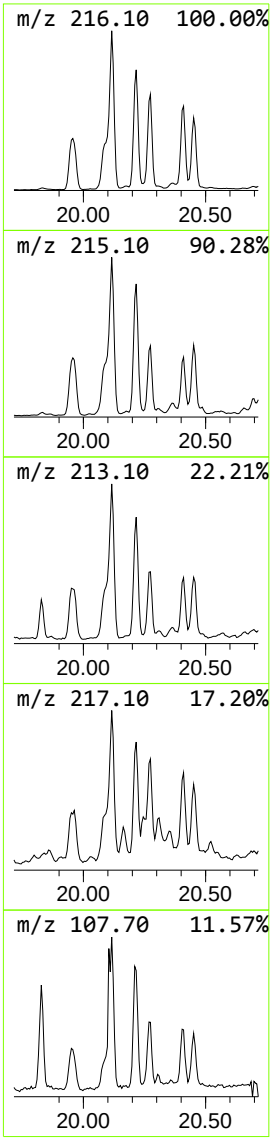
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.38 ng	1129960	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	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Sample : M3917-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-8

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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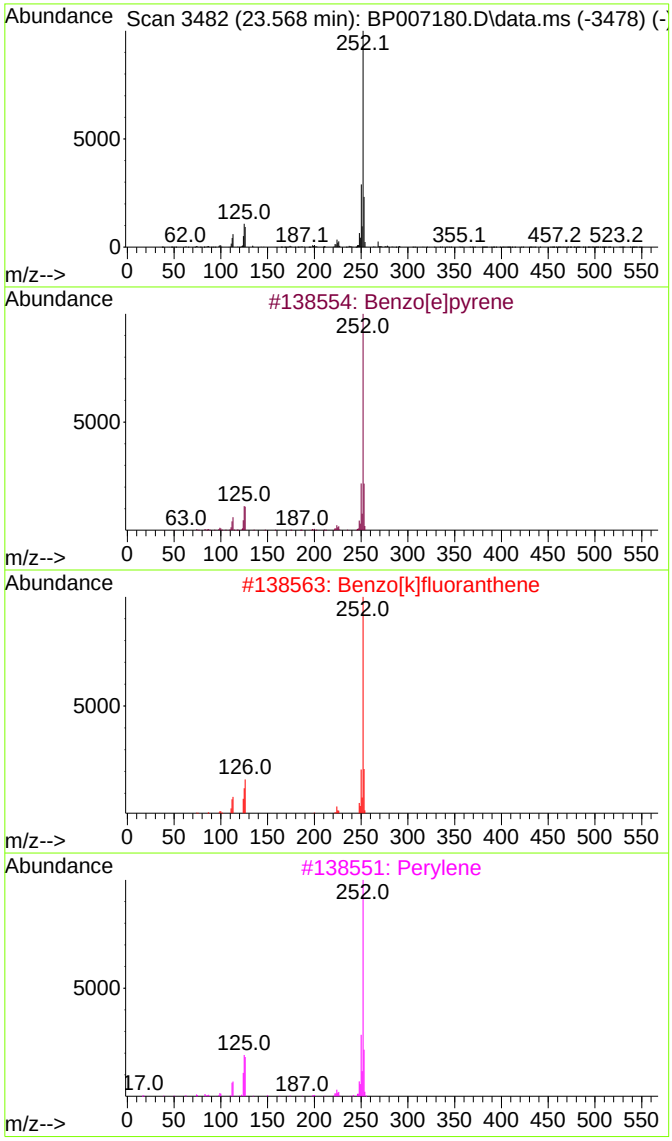
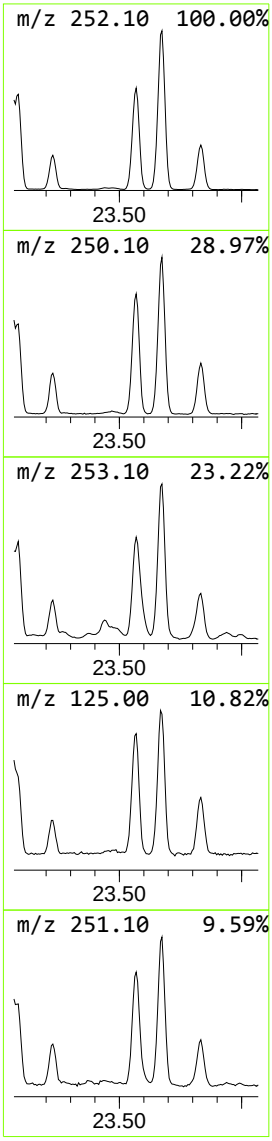
Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.568	23.86 ng	3668350	Perylene-d12	23.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007180.D
Acq On : 25 Sep 2021 03:18
Operator : CG/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-8

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...	10.475	2.0	ng	221446	2	10.693	2189240	20.0
Dibenzothiophene	17.092	2.7	ng	463087	4	17.275	3466820	20.0
Phenanthrene, 2...	18.139	7.0	ng	1217440	4	17.275	3466820	20.0
Phenanthrene, 1...	18.186	7.0	ng	1209680	4	17.275	3466820	20.0
Anthracene, 2-m...	18.263	3.1	ng	542599	4	17.275	3466820	20.0
4H-Cyclopenta[d...	18.328	14.5	ng	2512170	4	17.275	3466820	20.0
Phenanthrene, 4...	18.363	3.3	ng	579111	4	17.275	3466820	20.0
Naphthalene, 2-...	18.622	3.1	ng	535966	4	17.275	3466820	20.0
9,10-Dimethylan...	19.028	5.5	ng	947753	4	17.275	3466820	20.0
Cyclopenta(def)...	19.163	4.0	ng	691507	4	17.275	3466820	20.0
Pyrene, 1-methyl-	19.951	2.5	ng	1166430	5	21.357	9513860	20.0
11H-Benzo[b]flu...	20.116	3.8	ng	1799500	5	21.357	9513860	20.0
Fluoranthene, 2...	20.216	2.4	ng	1129960	5	21.357	9513860	20.0
Benzo[e]pyrene	23.568	23.9	ng	3668350	6	23.780	3075160	20.0