LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006061.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.605	253	258	269	rVB	58281	87948	1.85%	0.168%
2	5.487	402	408	422	rBV	519607	792883	16.69%	1.515%
3	7.093	674	681	699	rBV	447434	809783	17.05%	1.548%
4	7.911	811	820	829	rBV	303861	488439	10.28%	0.934%
5	9.081	1011	1019	1034	rBV	263725	500244	10.53%	0.956%
6	10.505	1254	1261	1274	rBV	43697	110454	2.32%	0.211%
7	10.710	1287	1296	1302	rBV	377675	656299	13.81%	1.254%
8	10.763	1302	1305	1313	rVB	75329	119280	2.51%	0.228%
9	12.375	1573	1579	1586	rBV	30590	50451	1.06%	0.096%
10	12.593	1609	1616	1622	rBV	30646	50234	1.06%	0.096%
11	13.163	1704	1713	1727	rBV	722078	1123934	23.66%	2.148%
12	13.863	1826	1832	1837	rBV2	34334	63110	1.33%	0.121%
13	14.263	1891	1900	1912	rVB	81870	133645	2.81%	0.255%
14	14.540	1935	1947	1953	rBV	574161	876161	18.44%	1.675%
15	14.604	1953	1958	1966	rVB	149837	211921	4.46%	0.405%
16	14.940	2010	2015	2023	rBV	82770	122955	2.59%	0.235%
17	15.157	2044	2052	2057	rBV5	20223	48644	1.02%	0.093%
18	15.587	2119	2125	2136	rVB2	116853	195417	4.11%	0.373%
19	15.881	2170	2175	2182	rVB	56295	92356	1.94%	0.177%
20	16.028	2190	2200	2208	rBV	712978	1124302	23.67%	2.149%
21	16.263	2234	2240	2245	rVB5	31719	58427	1.23%	0.112%
22	16.569	2284	2292	2293	rBV3	39503	70810	1.49%	0.135%
23	16.592	2294	2296	2300	rVV3	44135	57178	1.20%	0.109%
24	16.822	2326	2335	2337	rBV3	49373	94789	2.00%	0.181%
25	16.857	2338	2341	2345	rVB3	35849	47705	1.00%	0.091%
26	16.945	2351	2356	2363	rVB	96640	143849	3.03%	0.275%
27	17.034	2363	2371	2376	rBV3	61953	147416	3.10%	0.282%
28	17.104	2378	2383	2395	rVB	102936	172081	3.62%	0.329%
29	17.287	2408	2414	2417	rBV	685450	987782	20.79%	1.888%
30	17.328	2417	2421	2428	rVV	2089804	2983268	62.80%	5.702%
31	17.416	2428	2436	2442	rVV	379677	592968	12.48%	1.133%
32	17.481	2442	2447	2452	rVB3	44061	79806	1.68%	0.153%
33	17.692	2476	2483	2495	rBV2	142479	309979	6.52%	0.592%
34	17.804	2498	2502	2509	rVV2	66678	95528	2.01%	0.183%
35	17.863	2509	2512	2521	rVB6	44413	83504	1.76%	0.160%
36	18.151	2556	2561	2565	rVV	327127	477015	10.04%	0.912%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.198	2565	2569	2576	rVB	439290	582311	12.26%	1.113%
38	18.275	2577	2582	2586	rVV	154063	204765	4.31%	0.391%
39	18.339	2587	2593	2597	rVV2	417456	784253	16.51%	1.499%
40	18.375	2597	2599	2605	rVB	228451	263672	5.55%	0.504%
41	18.445	2608	2611	2615	rVV3	43252	55634	1.17%	0.106%
42	18.634	2638	2643	2647	rBV	239403	319030	6.72%	0.610%
43	18.681	2647	2651	2655	rVB	179533	233936	4.92%	0.447%
44	18.751	2660	2663	2668	rVB2	41974	52558	1.11%	0.100%
45	18.869	2680	2683	2687	rVB2	90201	99270	2.09%	0.190%
46	18.916	2688	2691	2694	rVB	63112	68072	1.43%	0.130%
47	18.957	2694	2698	2702	rVB	69471	87401	1.84%	0.167%
48	19.033	2706	2711	2717	rBV	191161	362004	7.62%	0.692%
49	19.175	2730	2735	2742	rVB2	195037	315638	6.64%	0.603%
50	19.292	2749	2755	2761	rBV	3693506	4750727	100.00%	9.080%
51	19.351	2761	2765	2768	rVV	59582	71878	1.51%	0.137%
52	19.386	2768	2771	2776	rVB	104344	127605	2.69%	0.244%
53	19.433	2776	2779	2783	rBV	54600	67523	1.42%	0.129%
54	19.528	2791	2795	2798	rBV	104346	119352	2.51%	0.228%
55	19.616	2805	2810	2811	rBV2	576055	795195	16.74%	1.520%
56	19.645	2811	2815	2822	rVV	3427932	4596140	96.75%	8.784%
57	19.710	2822	2826	2832	rVB3	190969	286170	6.02%	0.547%
58	19.833	2840	2847	2851	rBV2	1345771	1761166	37.07%	3.366%
59	19.881	2851	2855	2860	rVB	178916	246919	5.20%	0.472%
60	19.951	2862	2867	2868	rBV	224186	287618	6.05%	0.550%
61	20.086	2885	2890	2891	rBV3	193543	257479	5.42%	0.492%
62	20.122	2892	2896	2901	rVB	397534	614130	12.93%	1.174%
63	20.222	2909	2913	2916	rBV	163307	220282	4.64%	0.421%
64	20.275	2916	2922	2926	rVV2	338934	580582	12.22%	1.110%
65	20.310	2926	2928	2932	rVB	72390	85883	1.81%	0.164%
66	20.410	2942	2945	2949	rBV2	214495	279286	5.88%	0.534%
67	20.457	2949	2953	2957	rVV	242153	296627	6.24%	0.567%
68	20.851	3016	3020	3026	rBV	327601	429492	9.04%	0.821%
69	21.016	3043	3048	3051	rBV2	247446	399782	8.42%	0.764%
70	21.051	3051	3054	3057	rVV	331439	425877	8.96%	0.814%
71	21.092	3057	3061	3065	rVV2	290797	424824	8.94%	0.812%
72	21.145	3065	3070	3075	rVB3	310926	458635	9.65%	0.877%
73	21.351	3100	3105	3110	rBV3	2041240	3875093	81.57%	7.406%
74	21.398	3110	3113	3122	rVB	1751970	2258019	47.53%	4.316%
75	21.516	3131	3133	3139	rVB	175870	213351	4.49%	0.408%
76	21.686	3158	3162	3167	rVB2	199524	306004	6.44%	0.585%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.933	3201	3204	3209	rVB	259354	337981	7.11%	0.646%
78	23.033	3385	3391	3396	rBV	1199931	2887642	60.78%	5.519%
79	23.216	3419	3422	3428	rVB	221775	336621	7.09%	0.643%
80	23.557	3474	3480	3490	rVB	812104	1683126	35.43%	3.217%
81	23.663	3491	3498	3506	rVB	1173921	2355868	49.59%	4.503%
82	23.763	3510	3515	3521	rBV2	612940	1238449	26.07%	2.367%
83	26.292	3938	3945	3957	rVB3	570348	1757271	36.99%	3.359%

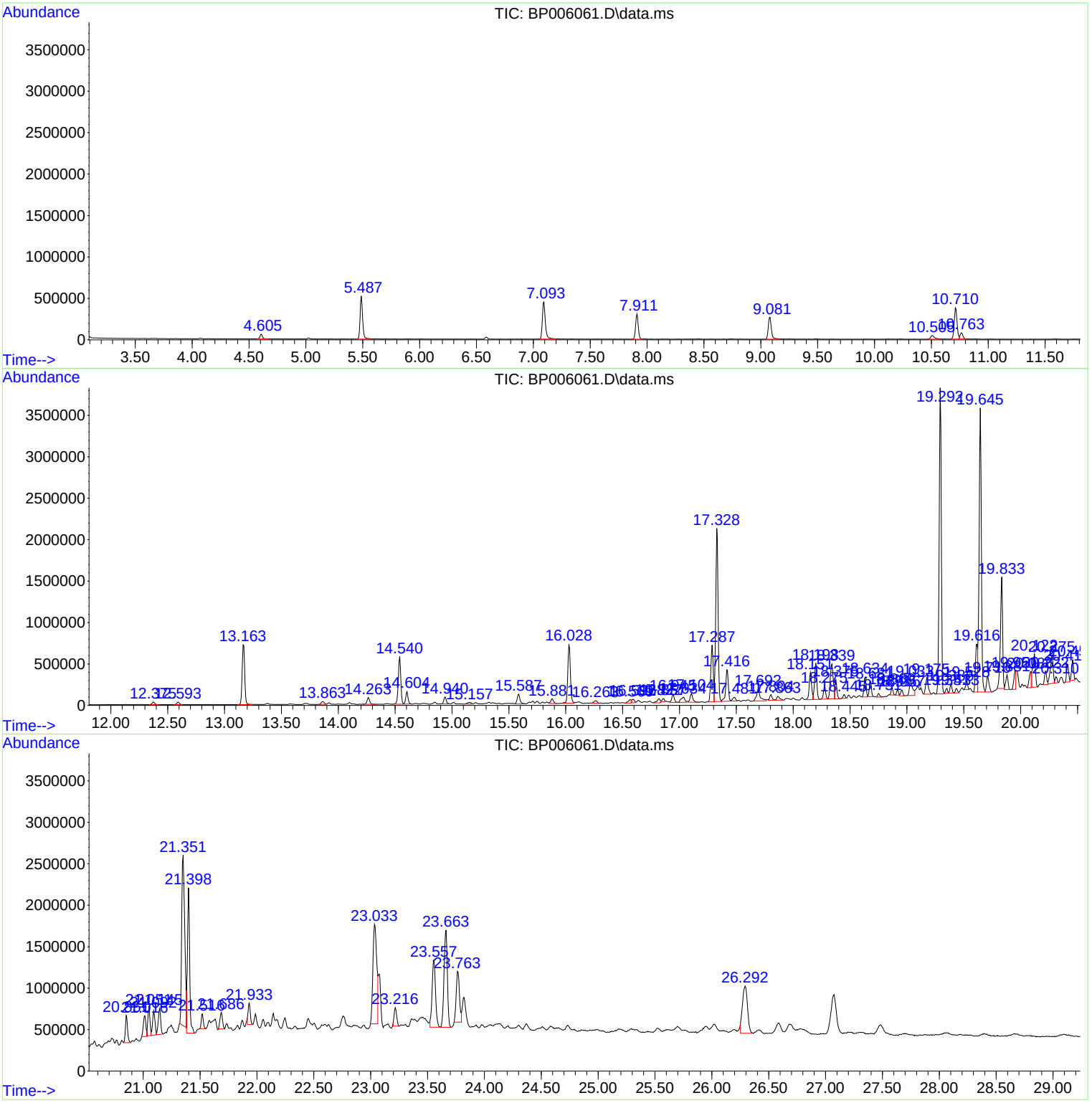
Sum of corrected areas: 52321706

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B1-0-2

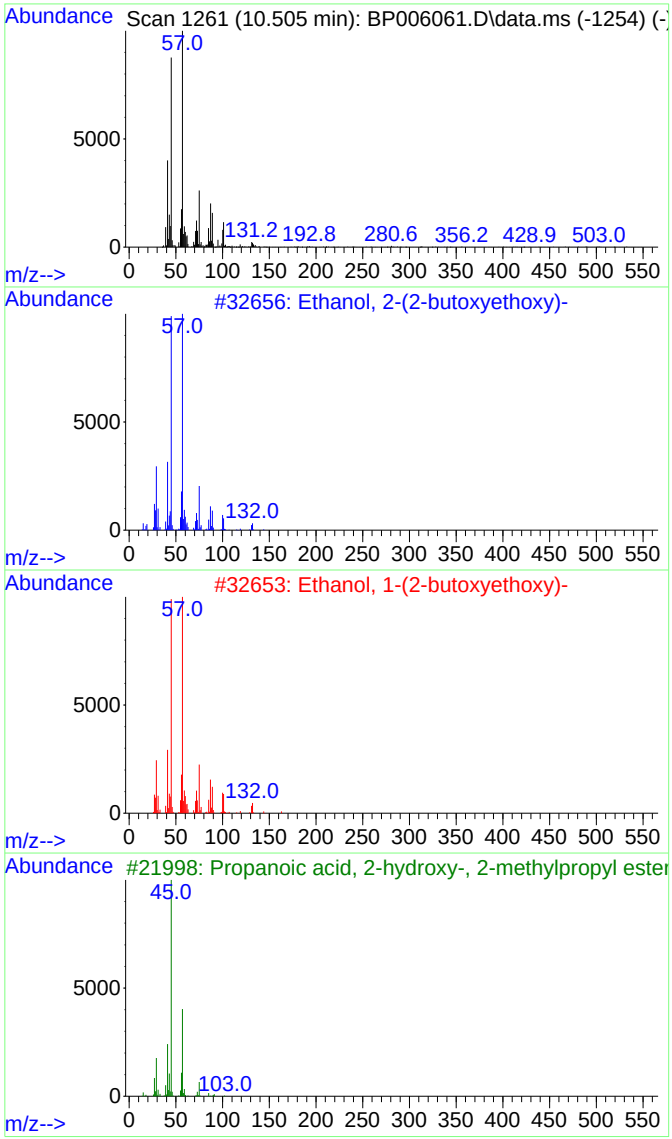
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

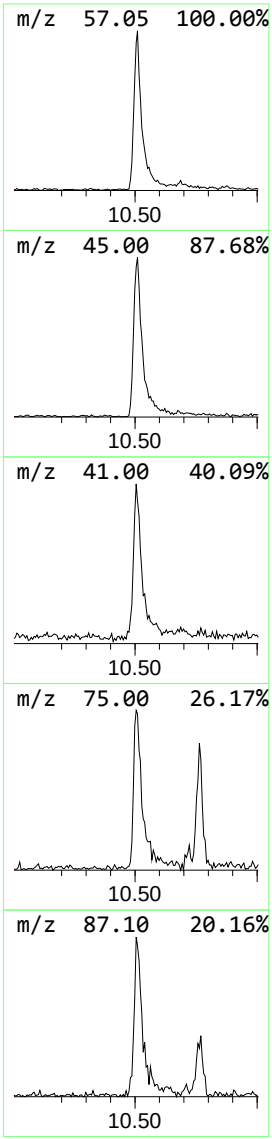
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.505	3.37 ng	110454	Naphthalene-d8	10.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

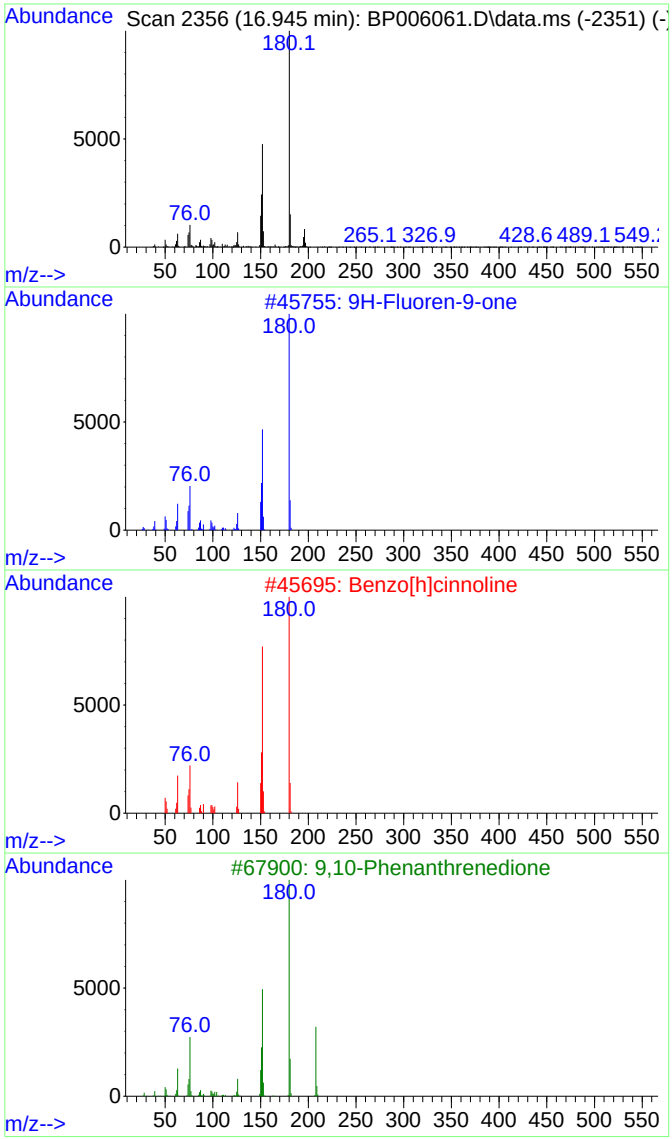
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

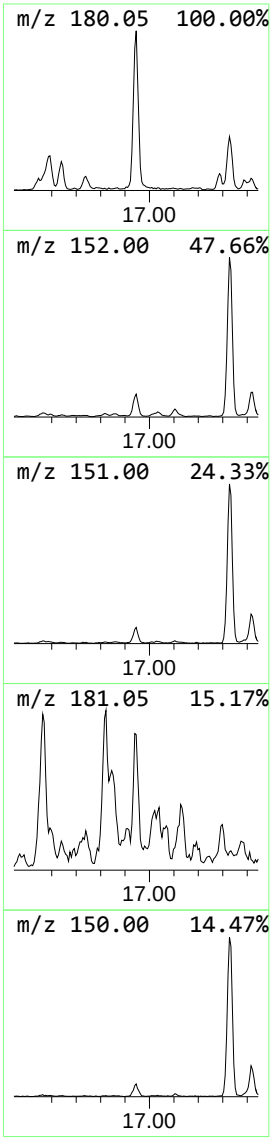
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	2.91 ng	143849	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	80
5	Diphenic anhydride	224	C14H8O3	006050-13-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

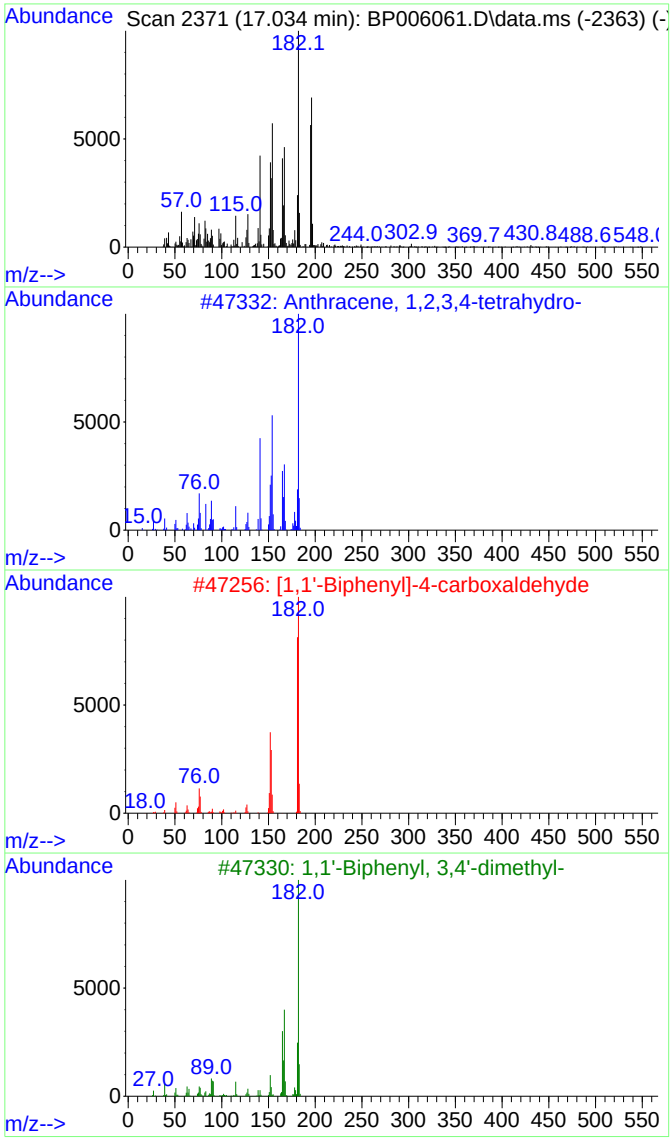
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

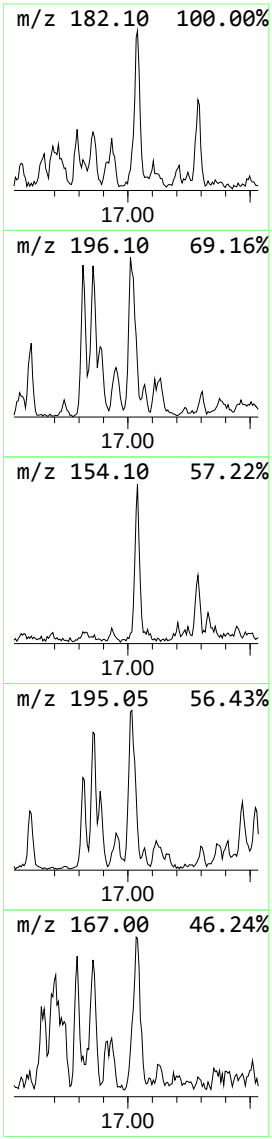
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	2.98 ng	147416	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	83
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	60
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	50
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	45
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

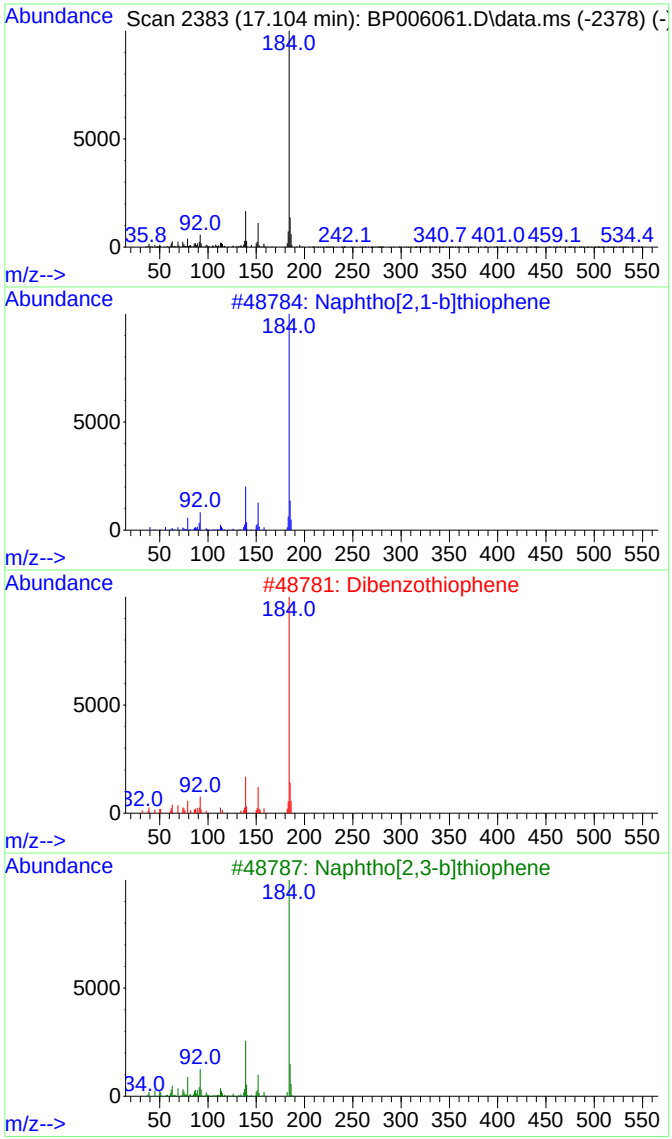
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

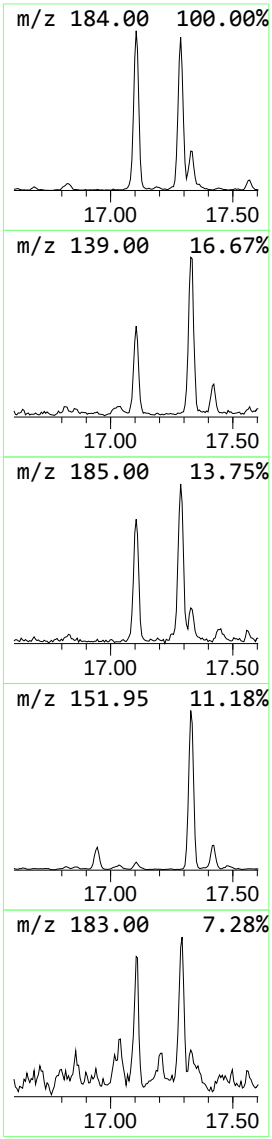
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	3.48 ng	172081	Phenanthrene-d10	17.287

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	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

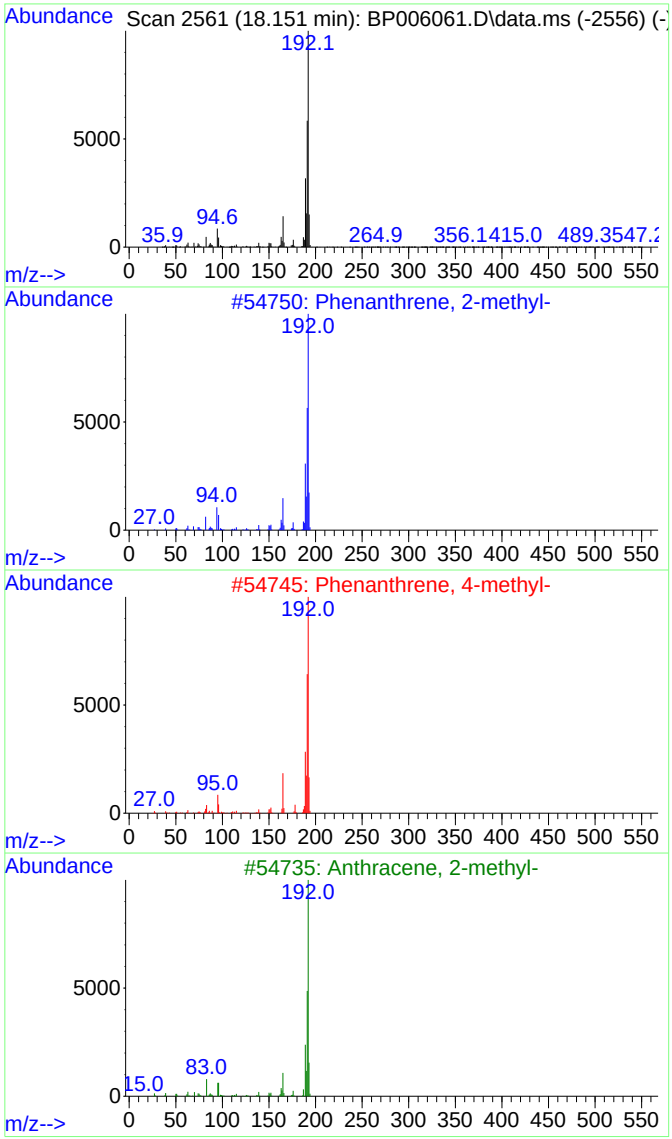
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

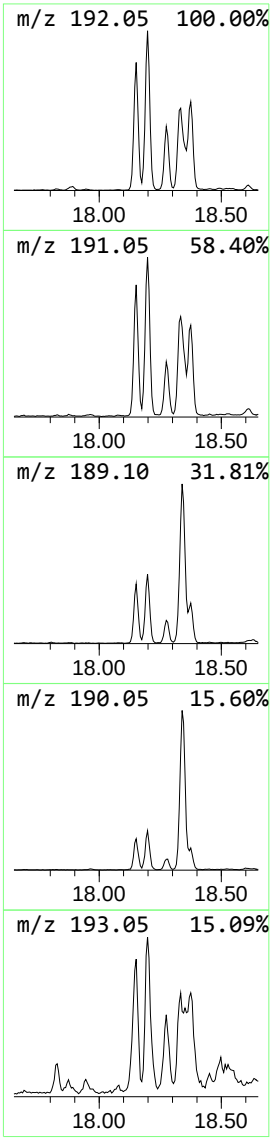
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	9.66 ng	477015	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

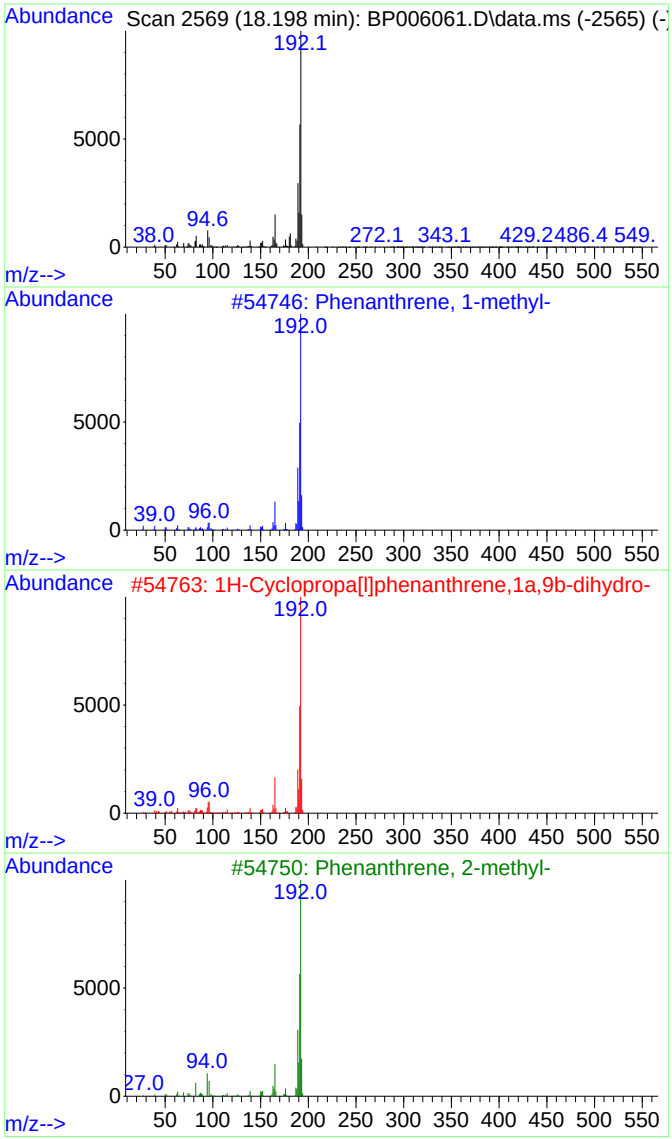
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

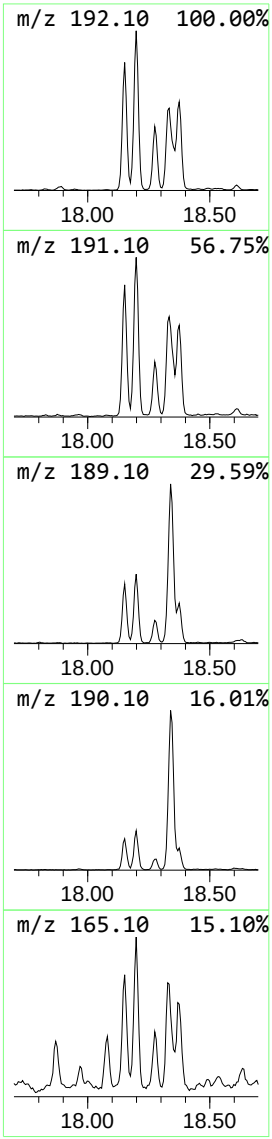
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	11.79 ng	582311	Phenanthrene-d10	17.287

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





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Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

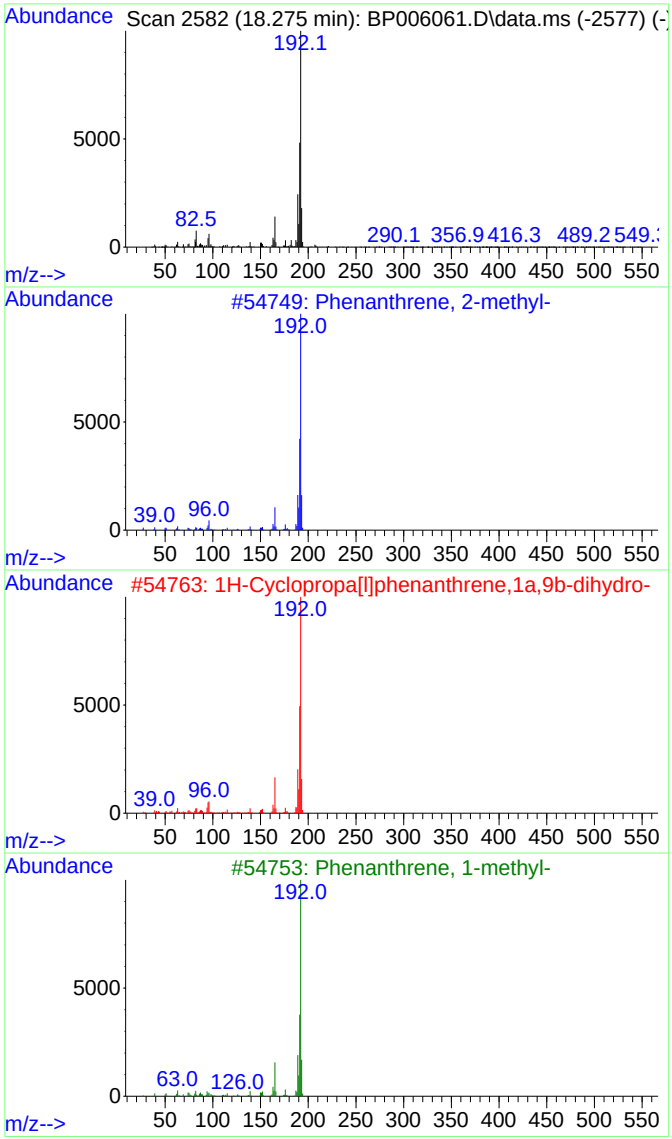
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

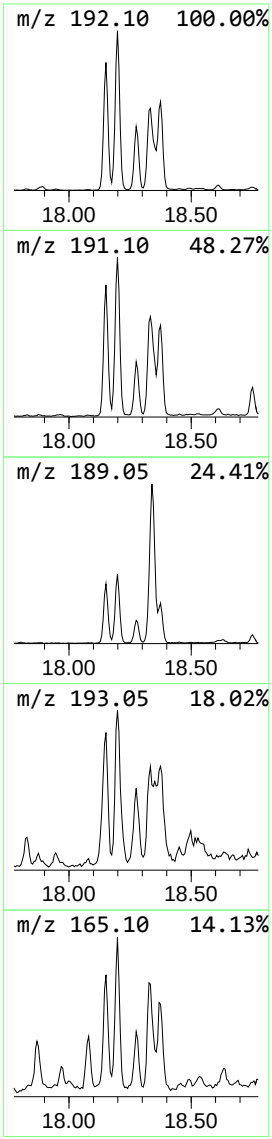
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	4.15 ng	204765	Phenanthrene-d10	17.287

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

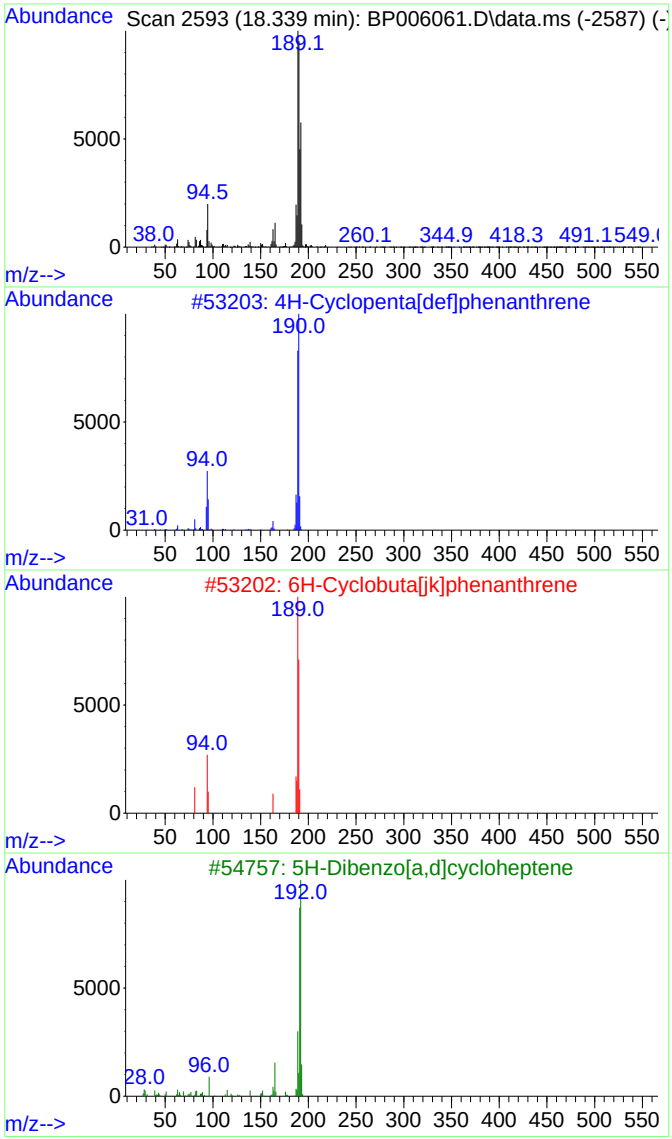
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

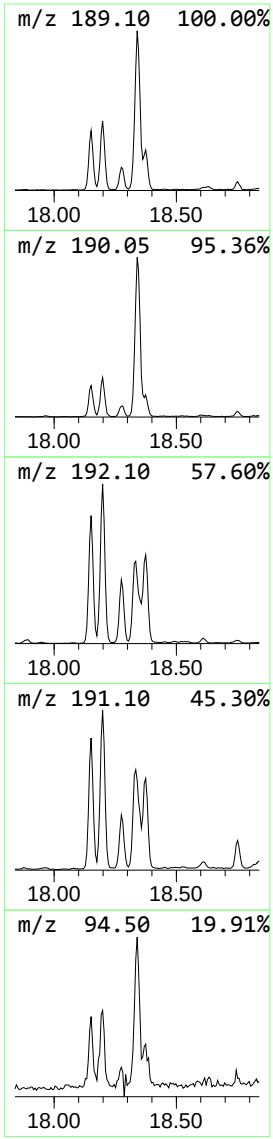
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	15.88 ng	784253	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

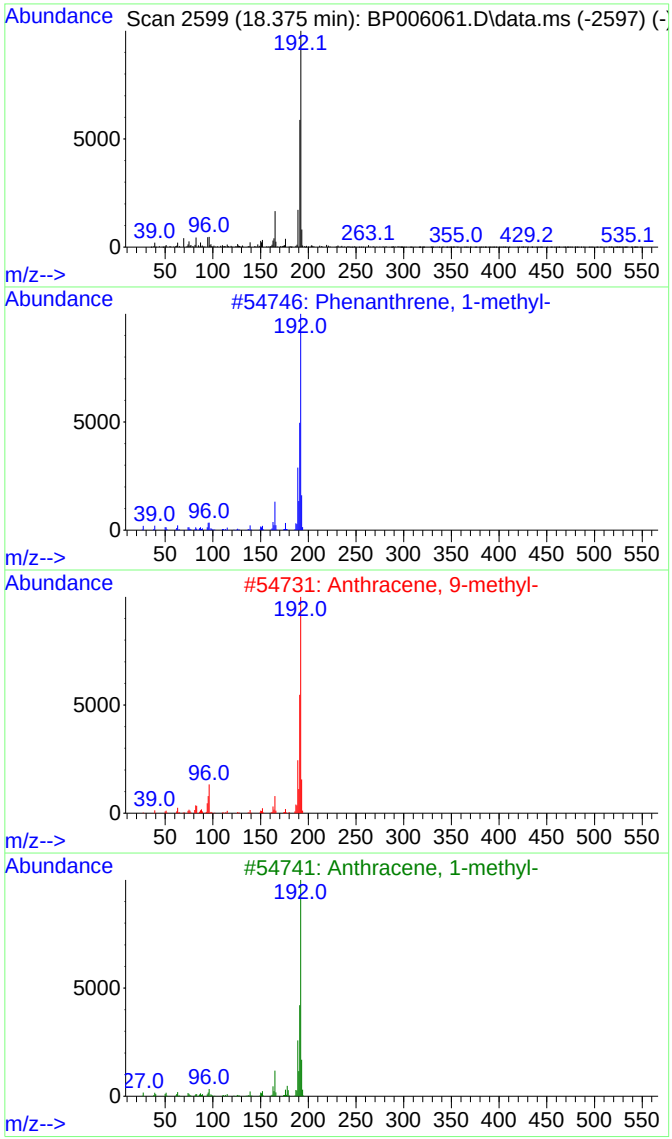
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

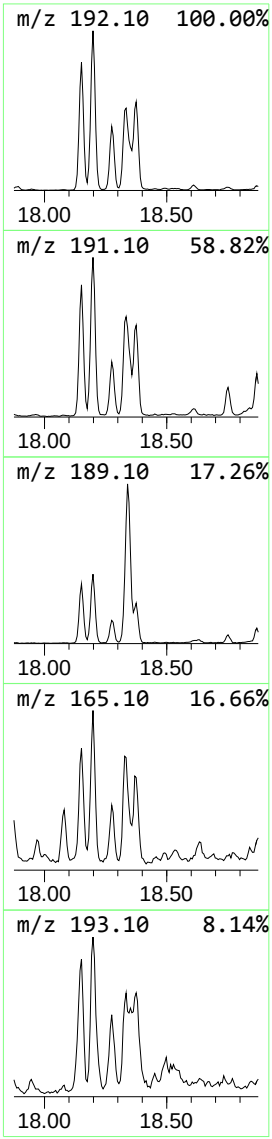
****

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	5.34 ng	263672	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	72
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72





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Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

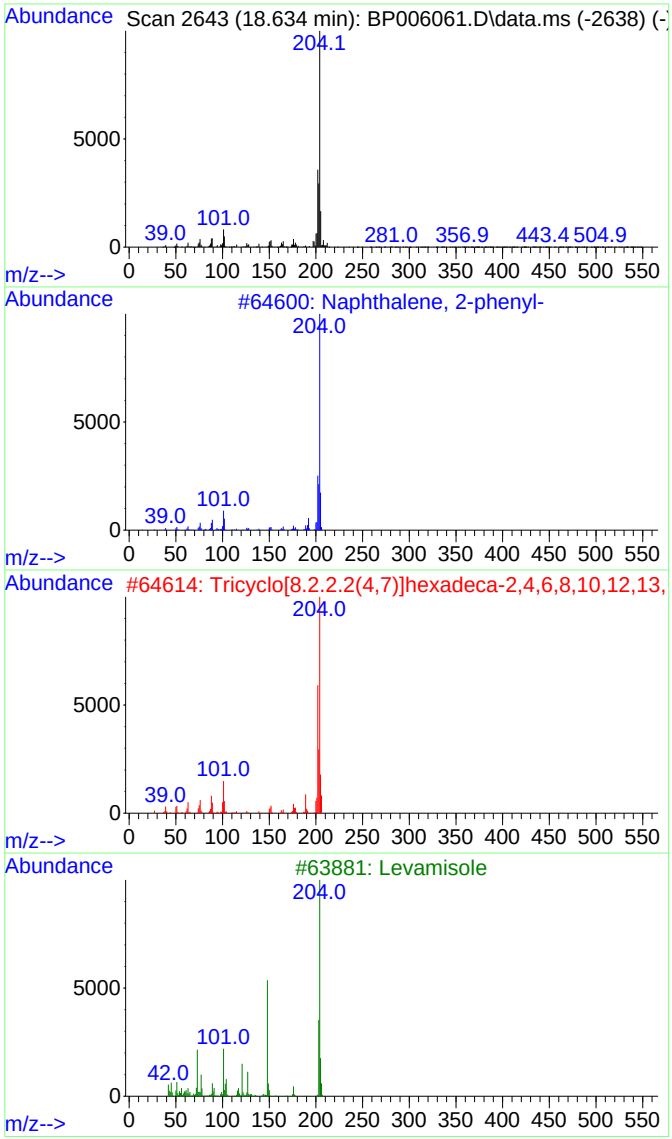
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

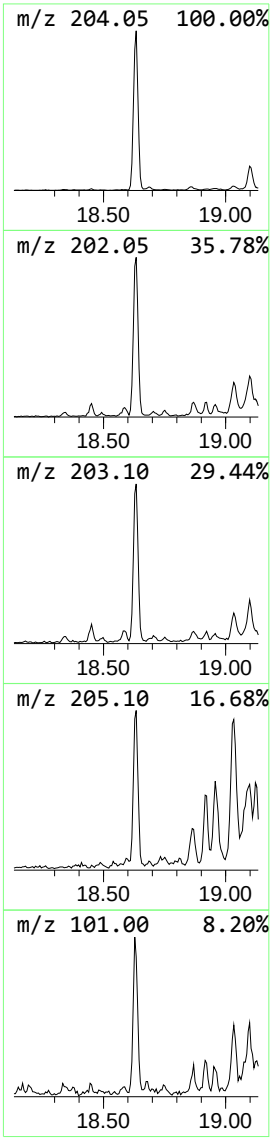
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	6.46 ng	319030	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
3	Levamisole	204	C11H12N2S	014769-73-4	59
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53





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Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

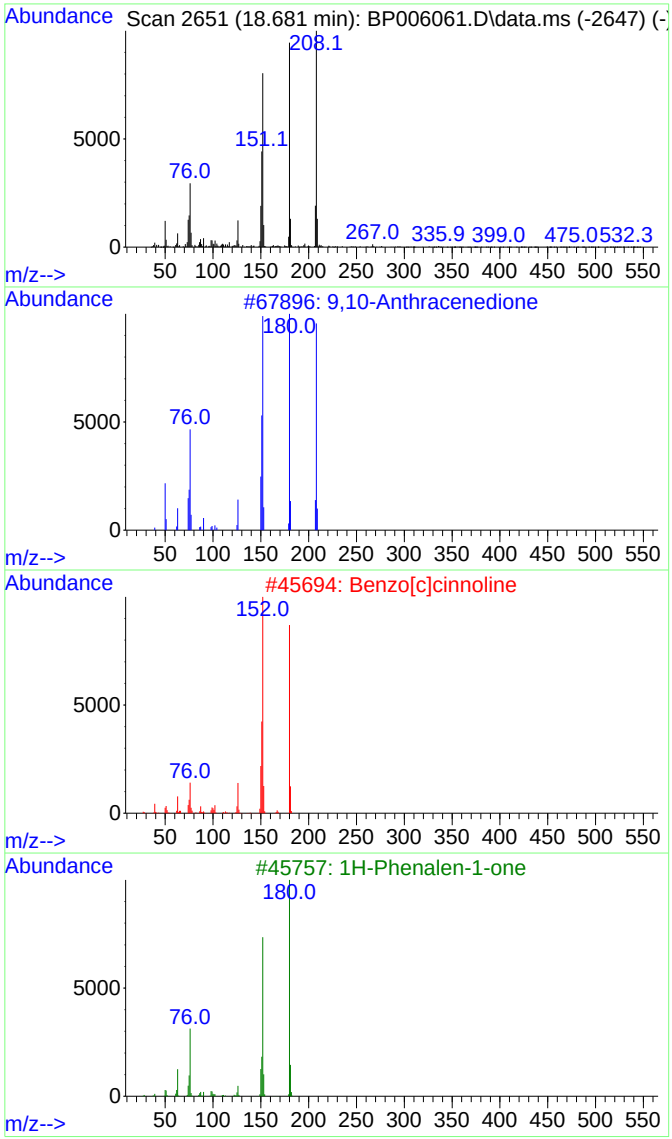
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

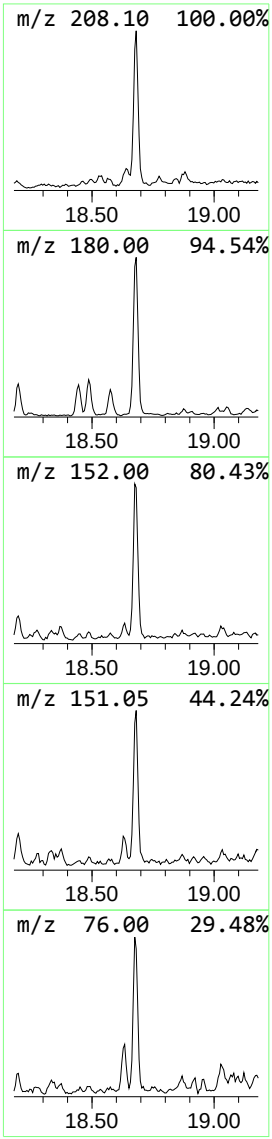
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	4.74 ng	233936	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46





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Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

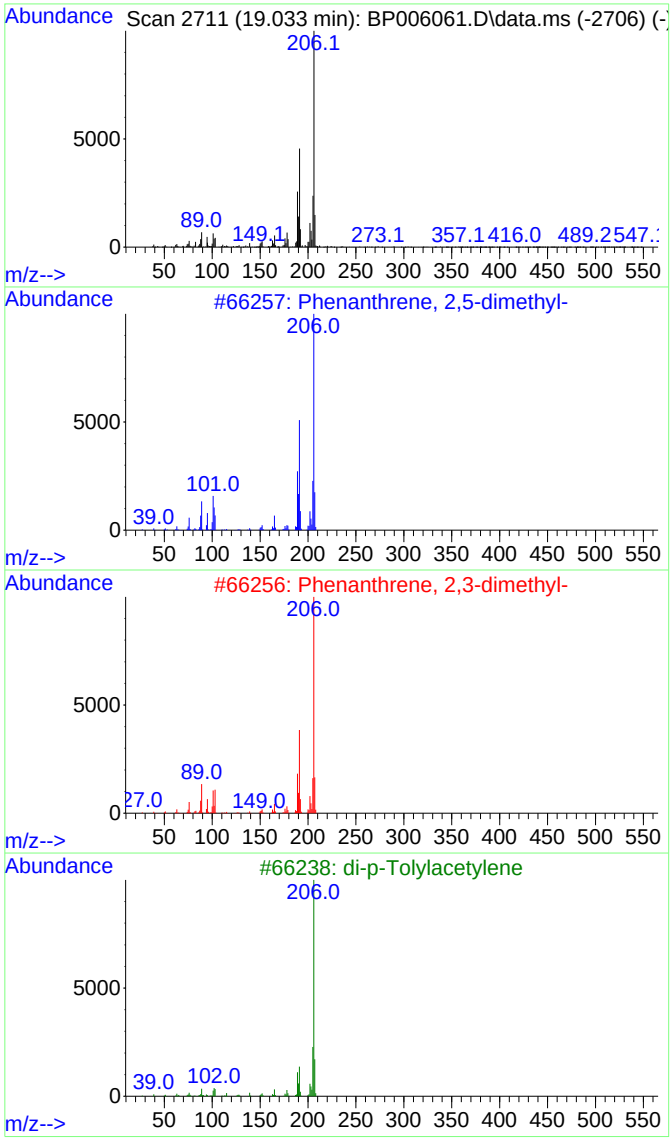
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

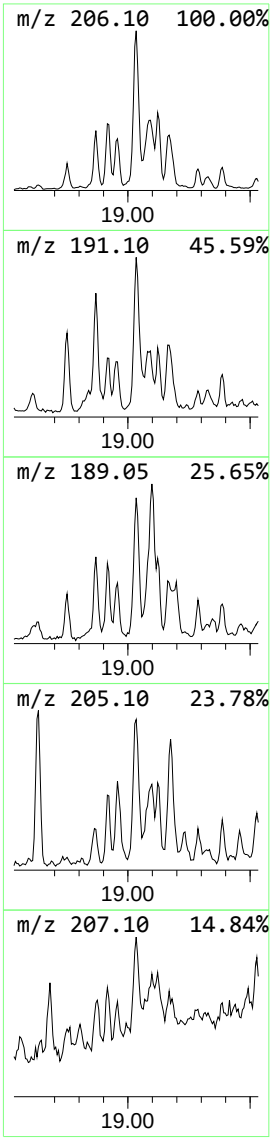
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.034	7.33 ng	362004	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81





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Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

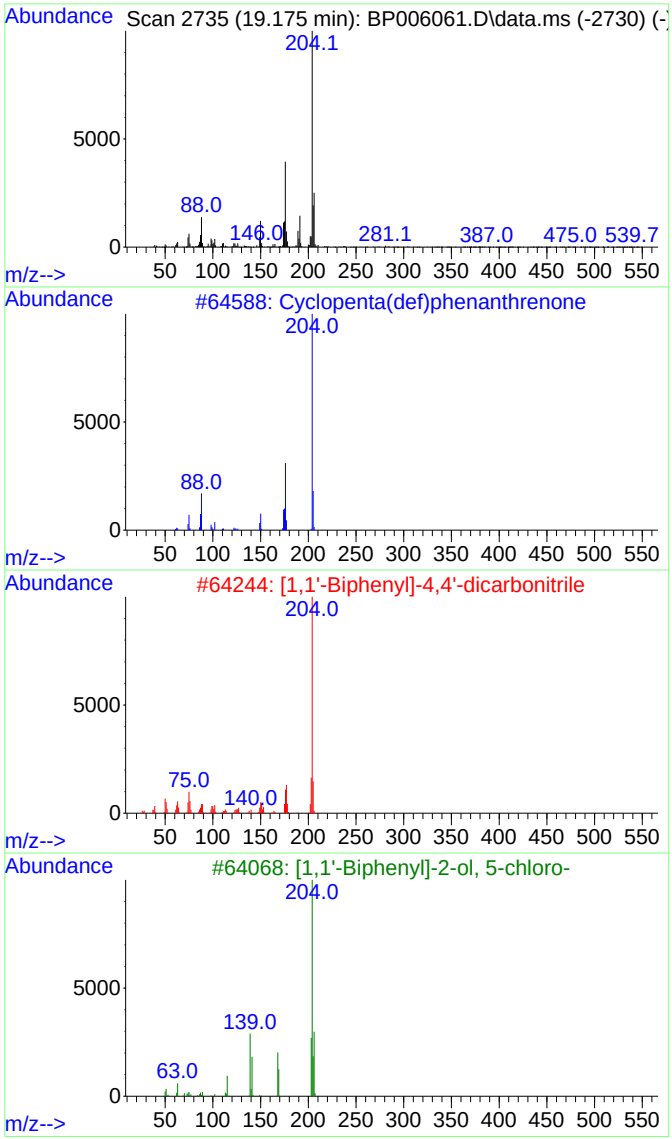
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

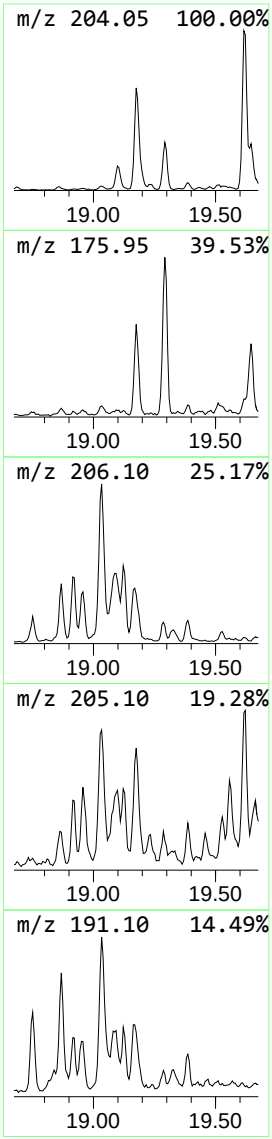
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	6.39 ng	315638	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	40





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Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

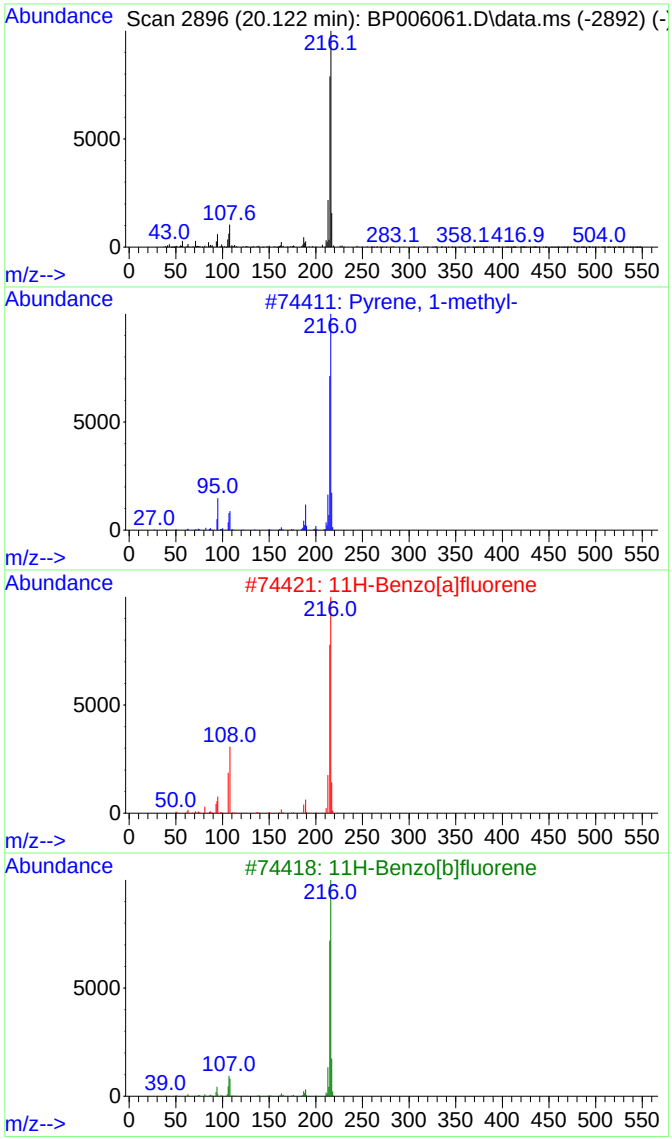
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

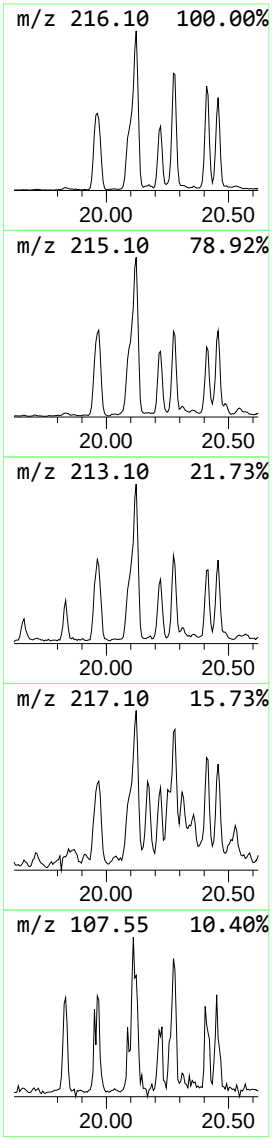
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	3.17 ng	614130	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	50





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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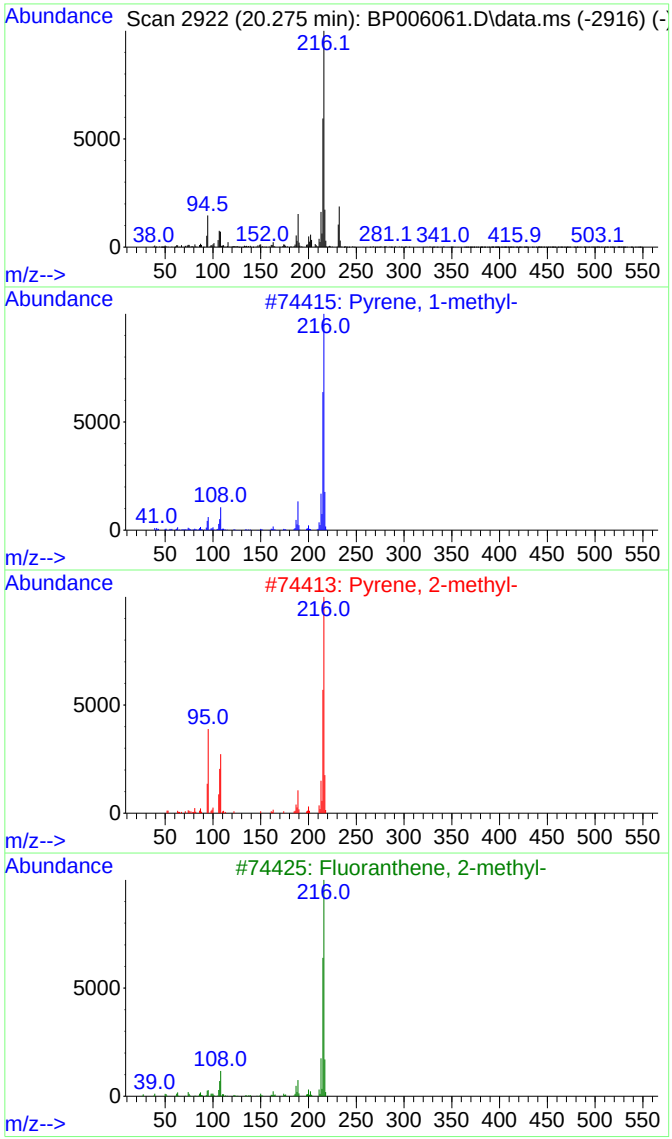
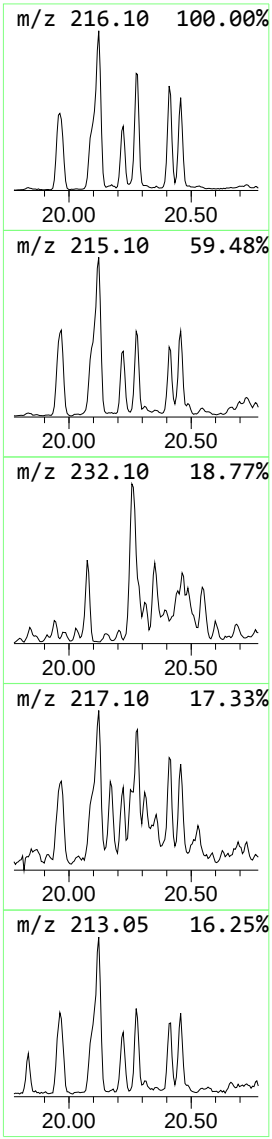
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	3.00 ng	580582	Chrysene-d12	21.363

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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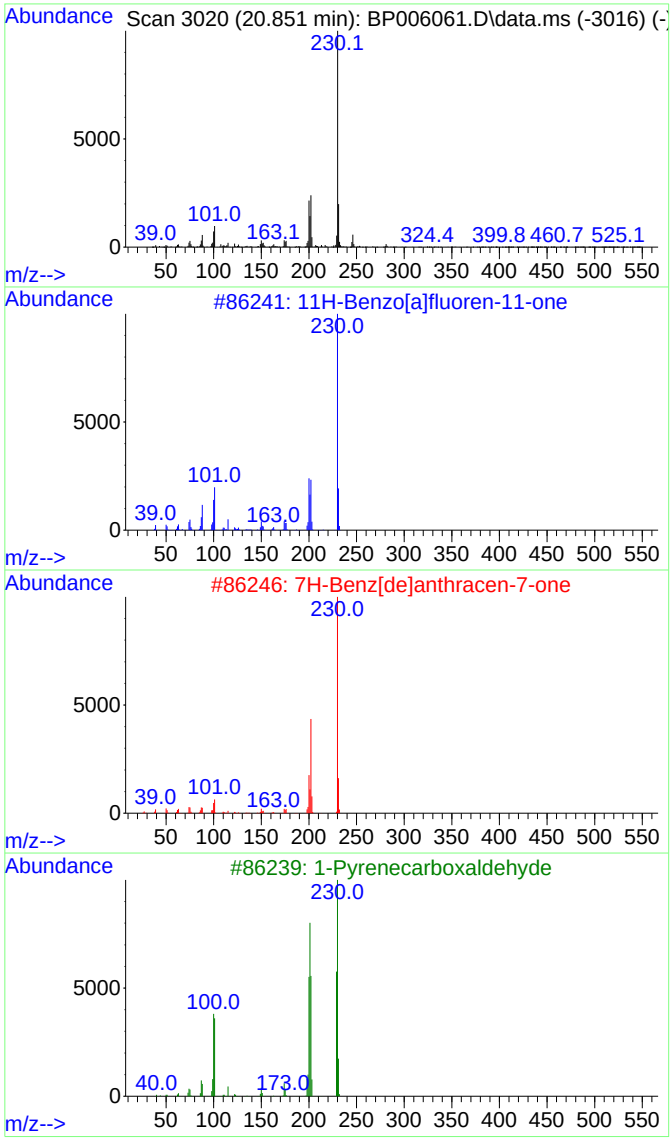
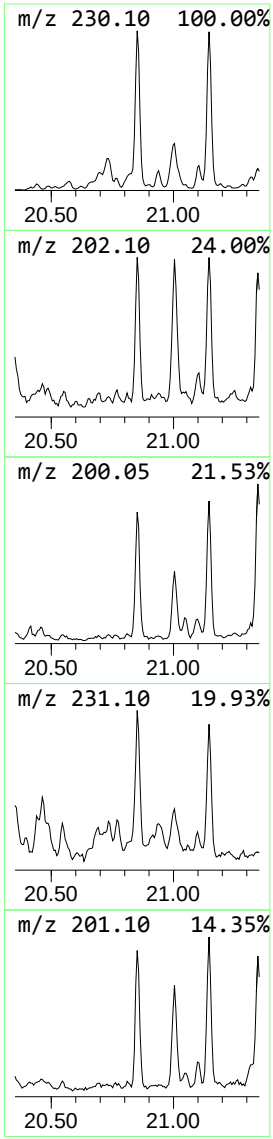
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.851	2.22 ng	429492	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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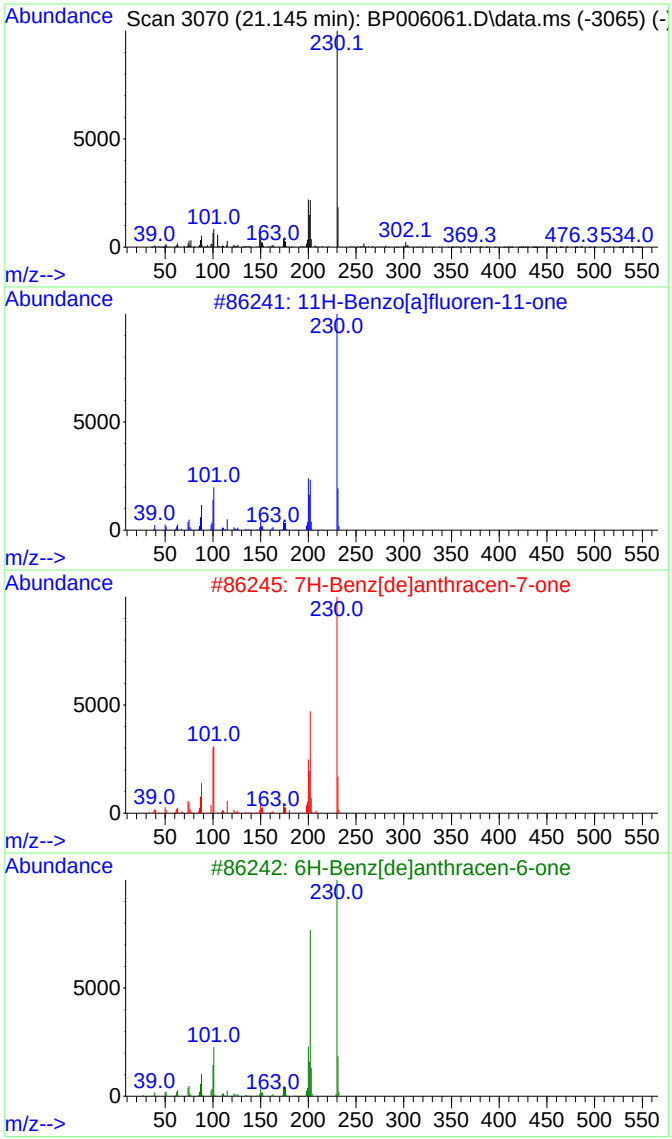
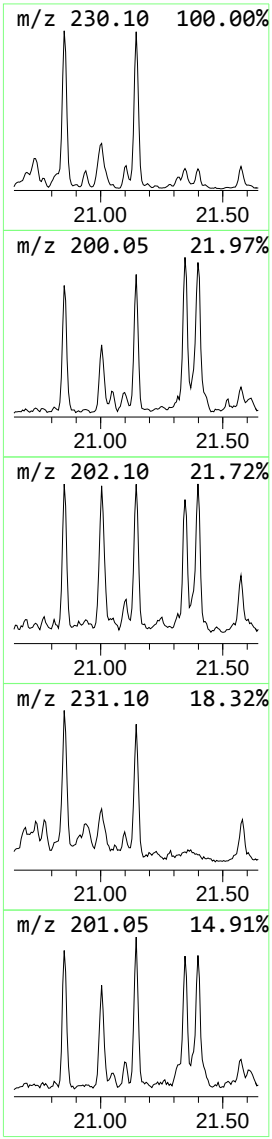
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	2.37 ng	458635	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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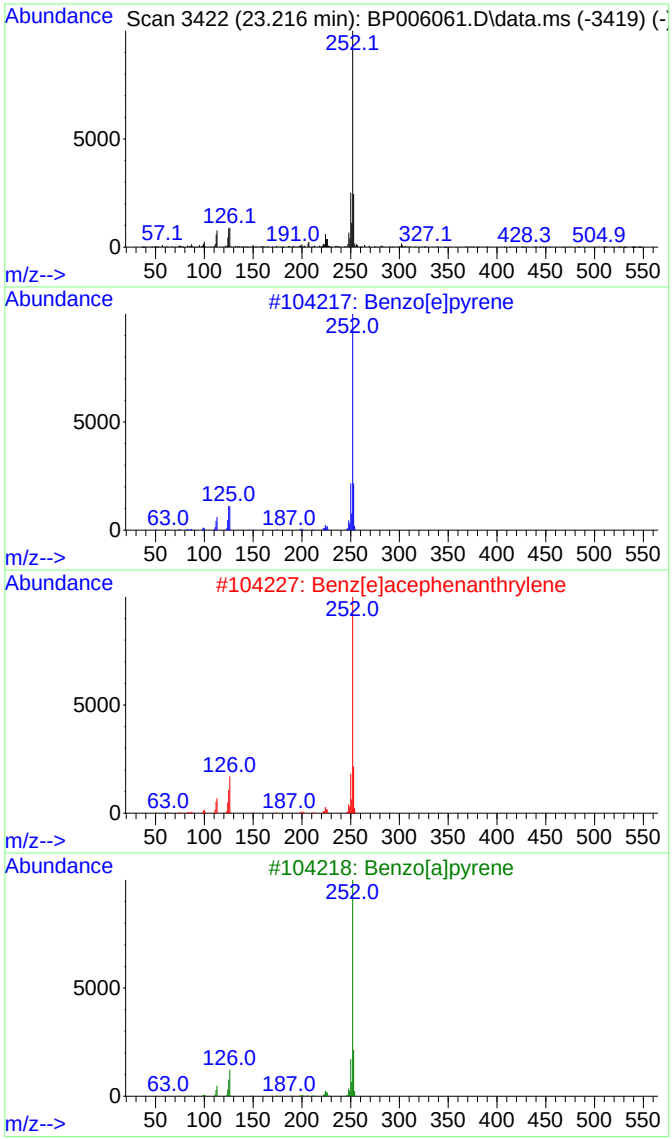
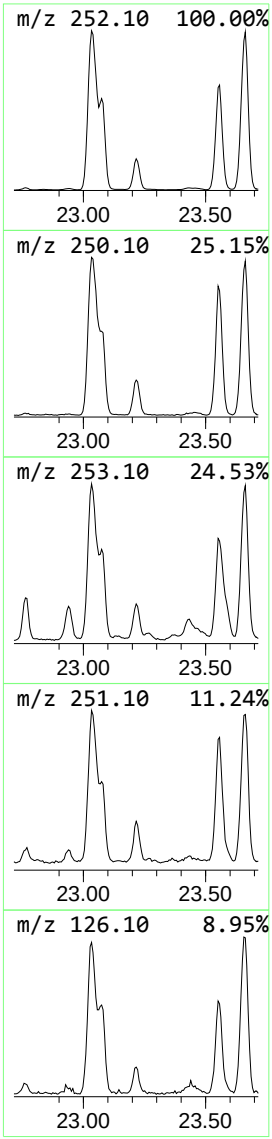
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.216	5.44 ng	336621	Perylene-d12	23.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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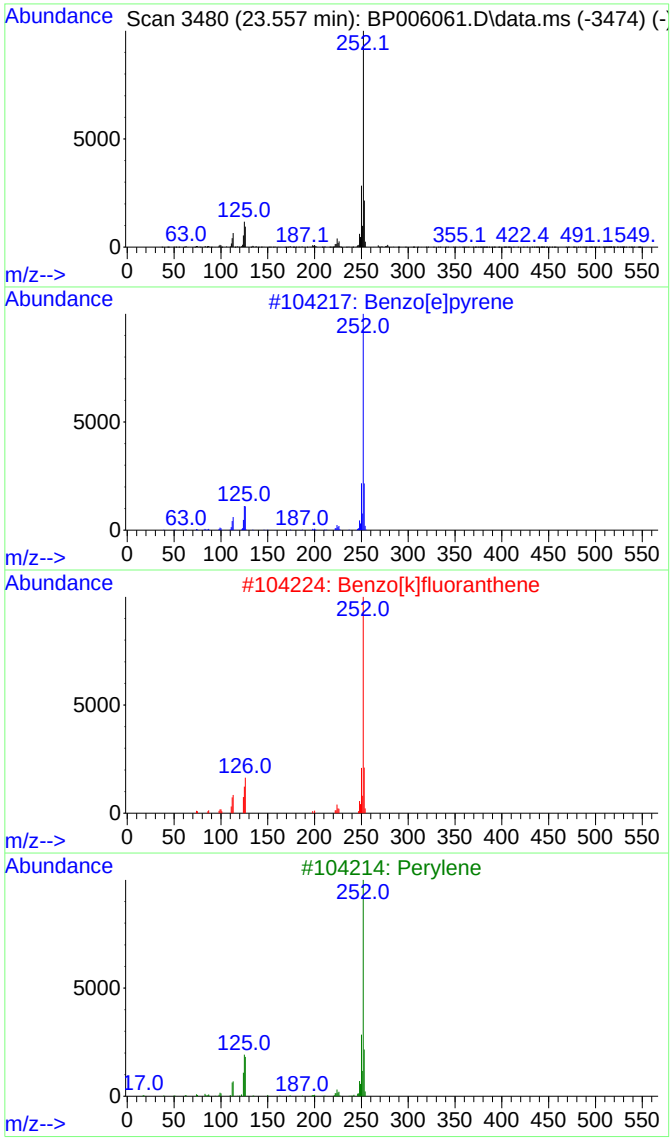
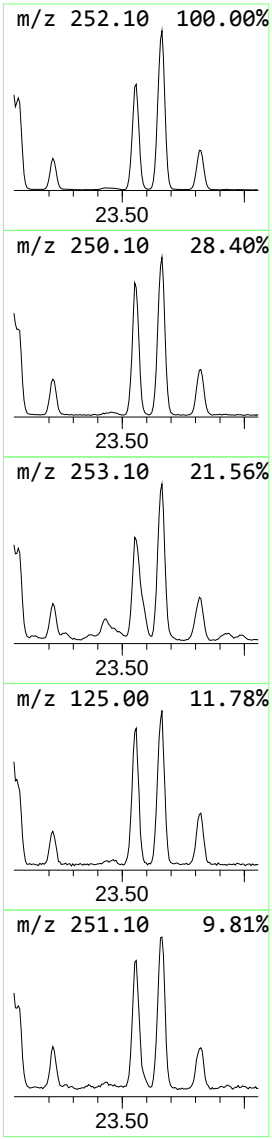
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.557	27.18 ng	1683130	Perylene-d12	23.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B1-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.505	3.4	ng	110454	2	10.710	656299	20.0
9H-Fluoren-9-one	16.945	2.9	ng	143849	4	17.287	987782	20.0
Anthracene, 1,2...	17.034	3.0	ng	147416	4	17.287	987782	20.0
Naphtho[2,1-b]t...	17.104	3.5	ng	172081	4	17.287	987782	20.0
Phenanthrene, 2...	18.151	9.7	ng	477015	4	17.287	987782	20.0
Phenanthrene, 1...	18.198	11.8	ng	582311	4	17.287	987782	20.0
1H-Cyclopropa[l...	18.275	4.2	ng	204765	4	17.287	987782	20.0
4H-Cyclopenta[d...	18.339	15.9	ng	784253	4	17.287	987782	20.0
Anthracene, 9-m...	18.375	5.3	ng	263672	4	17.287	987782	20.0
Naphthalene, 2-...	18.634	6.5	ng	319030	4	17.287	987782	20.0
9,10-Anthracene...	18.681	4.7	ng	233936	4	17.287	987782	20.0
Phenanthrene, 2...	19.034	7.3	ng	362004	4	17.287	987782	20.0
Cyclopenta(def)...	19.175	6.4	ng	315638	4	17.287	987782	20.0
Pyrene, 1-methyl-	20.122	3.2	ng	614130	5	21.363	3875090	20.0
Pyrene, 2-methyl-	20.275	3.0	ng	580582	5	21.363	3875090	20.0
11H-Benzo[a]flu...	20.851	2.2	ng	429492	5	21.363	3875090	20.0
7H-Benz[de]anth...	21.145	2.4	ng	458635	5	21.363	3875090	20.0
Benzo[e]pyrene	23.216	5.4	ng	336621	6	23.763	1238450	20.0
Perylene	23.557	27.2	ng	1683130	6	23.763	1238450	20.0