LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP021614.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	19	rVB	2978682	3798551	8.31%	0.839%
2	5.399	402	410	419	rBV	3126350	4784078	10.46%	1.057%
3	6.963	668	676	688	rBV	3386506	5317286	11.63%	1.175%
4	7.799	811	818	826	rBV	1206801	1927396	4.22%	0.426%
5	8.946	1005	1013	1024	rBV	1934740	3310792	7.24%	0.732%
6	10.587	1284	1292	1298	rBV	1585421	2835716	6.20%	0.627%
7	13.057	1704	1712	1726	rBV	3769428	5927026	12.97%	1.310%
8	14.451	1940	1949	1955	rBV	2654463	4250996	9.30%	0.939%
9	14.516	1955	1960	1966	rVB	1994260	2926204	6.40%	0.647%
10	14.857	2012	2018	2027	rBV	1209249	1748154	3.82%	0.386%
11	15.516	2122	2130	2141	rVB	2207810	3562481	7.79%	0.787%
12	15.822	2177	2182	2190	rVB	305965	498366	1.09%	0.110%
13	15.963	2200	2206	2215	rBV	5464436	7374746	16.13%	1.630%
14	16.545	2294	2305	2310	rBV2	314232	807485	1.77%	0.178%
15	16.898	2360	2365	2374	rVB	551652	845911	1.85%	0.187%
16	17.010	2376	2384	2389	rVV2	338730	752248	1.65%	0.166%
17	17.075	2389	2395	2404	rVB	1352551	2111682	4.62%	0.467%
18	17.257	2420	2426	2429	rBV	3874334	5524981	12.09%	1.221%
19	17.304	2429	2434	2441	rVV	20315210	34344493	75.13%	7.589%
20	17.404	2441	2451	2457	rVV	5415900	9899808	21.66%	2.188%
21	17.463	2457	2461	2467	rVB	710339	991193	2.17%	0.219%
22	17.645	2486	2492	2493	rBV	571725	696216	1.52%	0.154%
23	17.675	2493	2497	2504	rVB	3135221	4610842	10.09%	1.019%
24	17.798	2511	2518	2526	rBV4	282052	593446	1.30%	0.131%
25	18.175	2574	2582	2586	rBV	1413598	2425171	5.30%	0.536%
26	18.222	2586	2590	2598	rVB	2820087	4330086	9.47%	0.957%
27	18.310	2598	2605	2609	rBV	813805	1251981	2.74%	0.277%
28	18.374	2609	2616	2620	rVV2	3620467	6252061	13.68%	1.382%
29	18.410	2620	2622	2627	rVB	962577	1143467	2.50%	0.253%
30	18.692	2665	2670	2673	rBV	1704890	2275429	4.98%	0.503%
31	18.727	2673	2676	2681	rVB	1689930	2184425	4.78%	0.483%
32	18.945	2707	2713	2717	rBV3	311618	470763	1.03%	0.104%
33	19.127	2738	2744	2749	rBV2	650384	1199350	2.62%	0.265%
34	19.192	2749	2755	2758	rBV2	342947	600396	1.31%	0.133%
35	19.269	2763	2768	2776	rVB	645615	1095002	2.40%	0.242%
36	19.404	2783	2791	2796	rBV	25588201	42807409	93.64%	9.459%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.498	2804	2807	2811	rVB3	471755	655195	1.43%	0.145%
38	19.651	2826	2833	2839	rVB2	835292	1506546	3.30%	0.333%
39	19.780	2844	2855	2863	rBV2	21598015	45715200	100.00%	10.102%
40	19.839	2863	2865	2871	rVB	1011480	1397129	3.06%	0.309%
41	19.957	2881	2885	2888	rBV	1340677	2070168	4.53%	0.457%
42	19.992	2888	2891	2902	rVB2	6009336	10486870	22.94%	2.317%
43	20.104	2905	2910	2912	rBV	1110546	1820072	3.98%	0.402%
44	20.163	2917	2920	2924	rVB	751699	976484	2.14%	0.216%
45	20.251	2926	2935	2937	rVV4	802636	1758381	3.85%	0.389%
46	20.286	2937	2941	2947	rVB	3873375	5694214	12.46%	1.258%
47	20.398	2954	2960	2964	rBV	3339835	4986215	10.91%	1.102%
48	20.451	2964	2969	2973	rVV2	1727477	2735081	5.98%	0.604%
49	20.498	2973	2977	2981	rVB2	500858	803805	1.76%	0.178%
50	20.539	2981	2984	2989	rVB	401772	472062	1.03%	0.104%
51	20.598	2990	2994	2997	rBV2	777890	984576	2.15%	0.218%
52	20.645	2997	3002	3007	rBV2	820953	1208263	2.64%	0.267%
53	21.045	3066	3070	3073	rBV4	326756	609853	1.33%	0.135%
54	21.086	3073	3077	3085	rVB	967322	1905430	4.17%	0.421%
55	21.274	3102	3109	3114	rBV2	2164618	4280079	9.36%	0.946%
56	21.327	3114	3118	3122	rVV	1724915	2828803	6.19%	0.625%
57	21.380	3122	3127	3133	rVV2	2177264	5353268	11.71%	1.183%
58	21.439	3134	3137	3151	rVB	1165038	2232111	4.88%	0.493%
59	21.574	3157	3160	3166	rVB	472464	740518	1.62%	0.164%
60	21.715	3171	3184	3190	rBV3	12729695	31314202	68.50%	6.920%
61	21.786	3190	3196	3205	rVB	10418511	19707721	43.11%	4.355%
62	21.892	3210	3214	3216	rVV3	466496	728004	1.59%	0.161%
63	21.933	3216	3221	3227	rVV	2576276	4290847	9.39%	0.948%
64	21.998	3229	3232	3239	rVV2	662310	1638961	3.59%	0.362%
65	22.086	3243	3247	3252	rVB	1098861	1923709	4.21%	0.425%
66	22.157	3253	3259	3267	rBV3	1511063	3175408	6.95%	0.702%
67	22.433	3301	3306	3309	rBV2	436611	708051	1.55%	0.156%
68	22.504	3316	3318	3325	rVB	1409608	2181296	4.77%	0.482%
69	22.586	3327	3332	3338	rVB	896593	1644667	3.60%	0.363%
70	22.792	3362	3367	3372	rBV2	852060	1552233	3.40%	0.343%
71	22.845	3372	3376	3384	rVB3	1241711	2445795	5.35%	0.540%
72	22.933	3387	3391	3393	rBV3	343474	574339	1.26%	0.127%
73	23.227	3435	3441	3448	rBV5	450901	1196420	2.62%	0.264%
74	23.427	3471	3475	3482	rVB2	417548	838594	1.83%	0.185%
75	24.092	3577	3588	3595	rBV2	6526760	24710859	54.05%	5.461%
76	24.145	3595	3597	3605	rVB	4288261	7393651	16.17%	1.634%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.339	3623	3630	3637	rBV	1343641	3239983	7.09%	0.716%
78	24.851	3708	3717	3732	rVB2	3963311	13405255	29.32%	2.962%
79	25.004	3733	3743	3758	rBV	7210369	18351103	40.14%	4.055%
80	25.156	3761	3769	3775	rVV	2048632	5912134	12.93%	1.306%
81	25.233	3776	3782	3791	rVB	1725899	4603550	10.07%	1.017%
82	29.068	4423	4434	4464	rVB2	2467990	14098767	30.84%	3.116%
83	30.274	4627	4639	4654	rVB	2202347	10203326	22.32%	2.255%

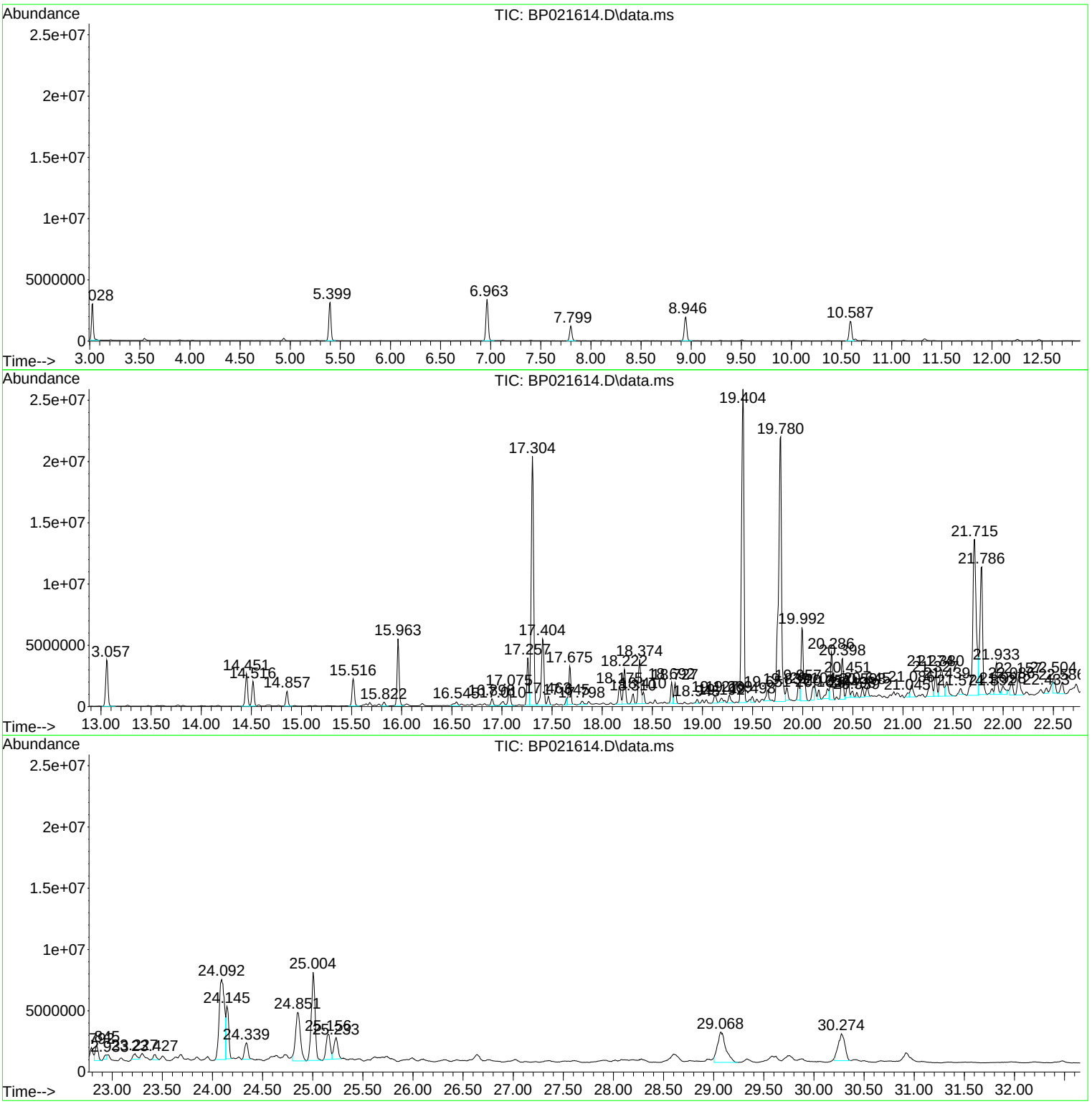
Sum of corrected areas: 452534835

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

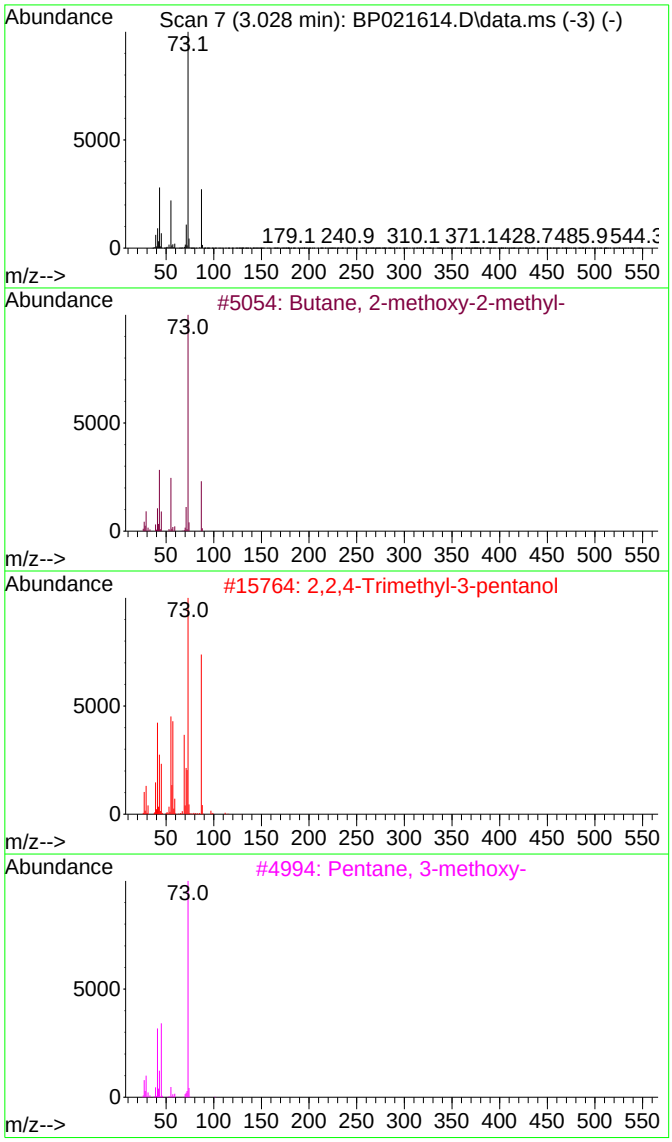
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

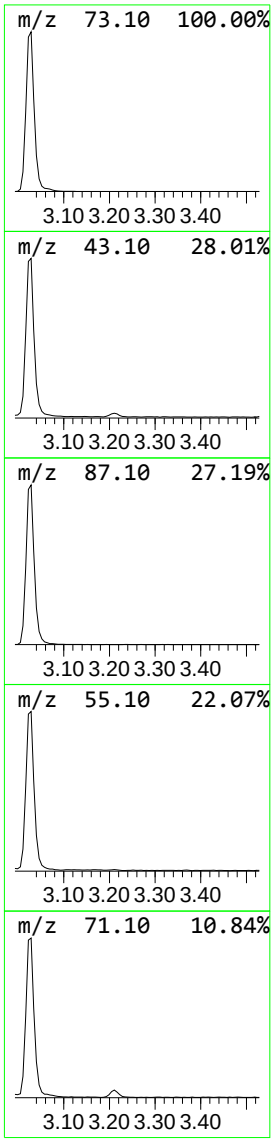
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	39.42 ng	3798550	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

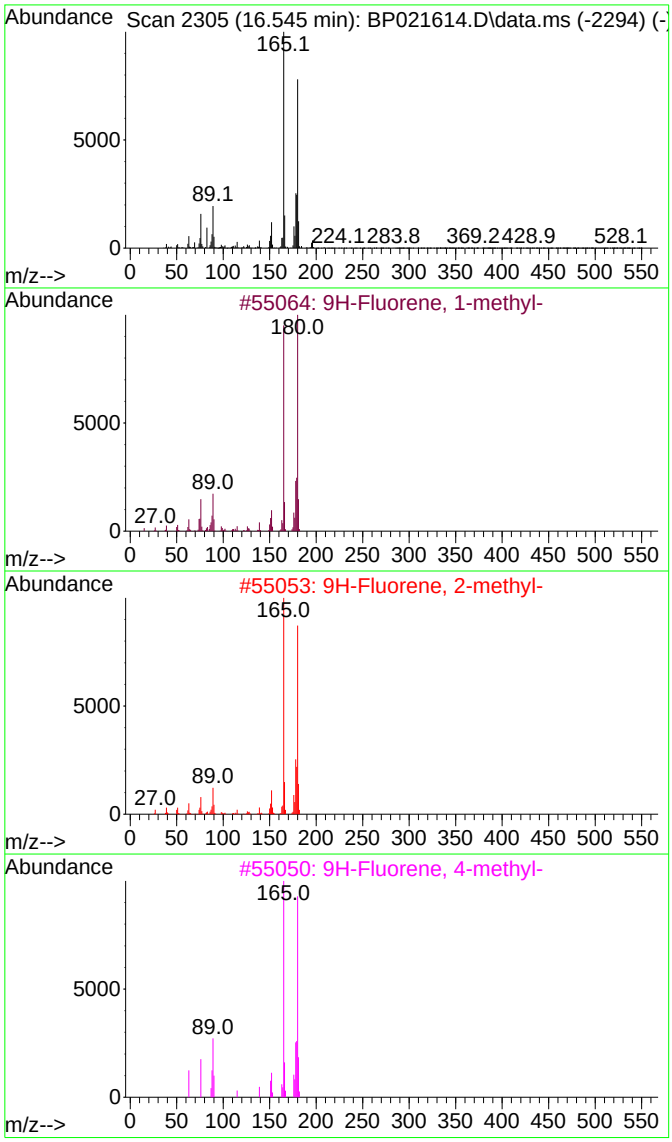
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

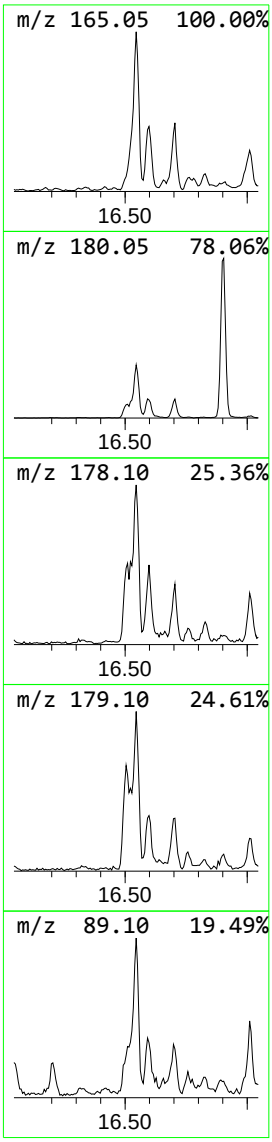
****

Peak Number 2 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	2.92 ng	807485	Phenanthrene-d10	17.257

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, 4-methyl-	180	C14H12	001556-99-6	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

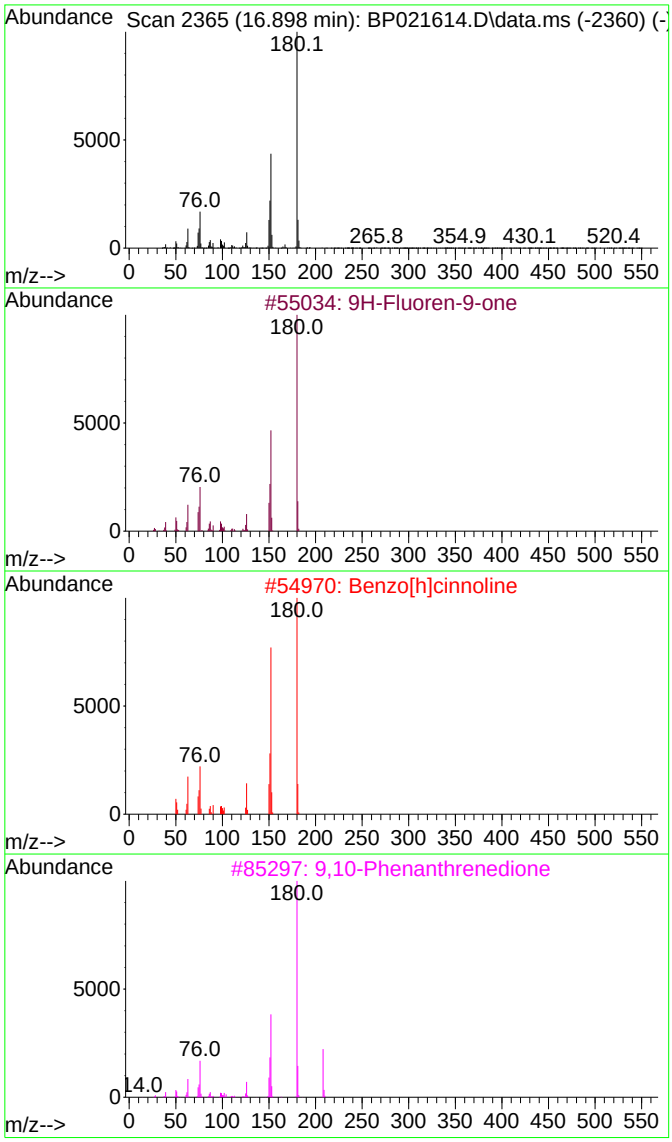
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

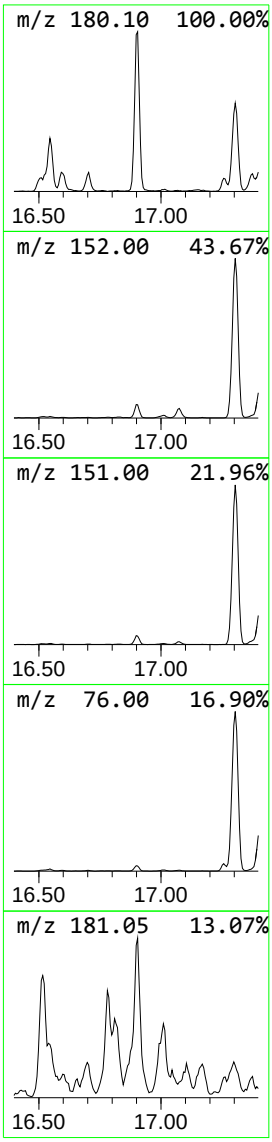
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	3.06 ng	845911	Phenanthrene-d10	17.257

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	91
4	Diphenic anhydride	224	C14H8O3	006050-13-1	68
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

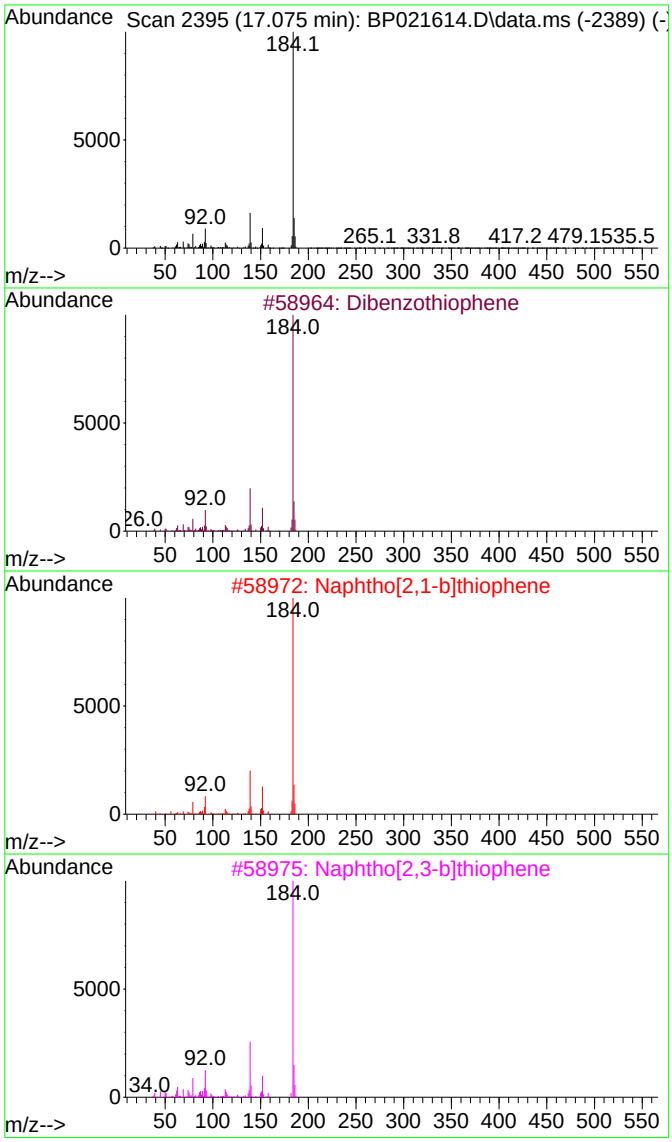
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

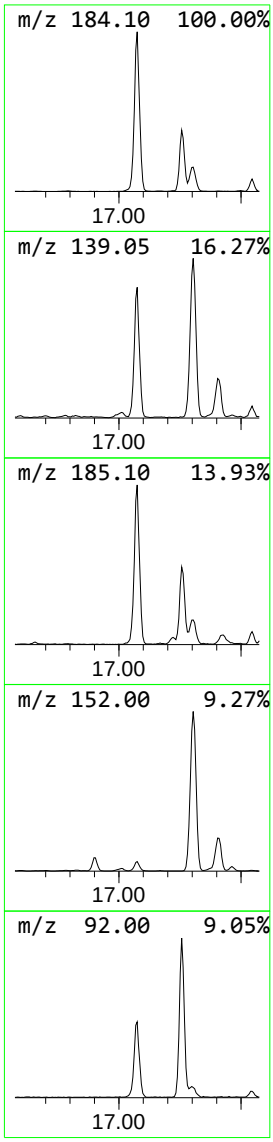
****

Peak Number 4 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.075	7.64 ng	2111680	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

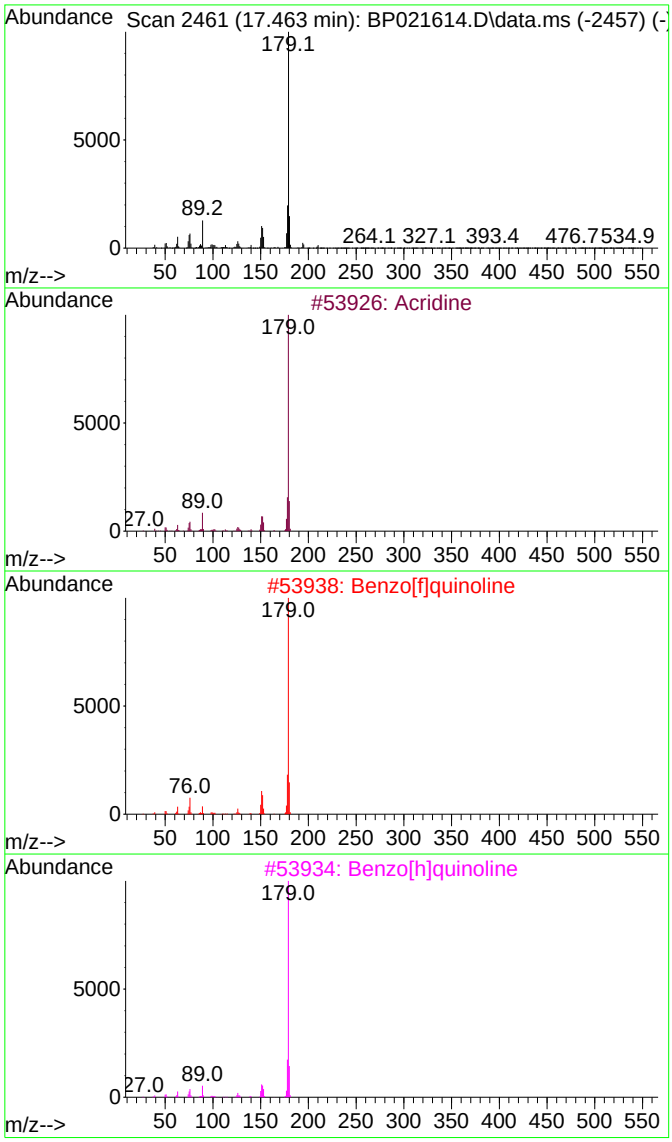
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

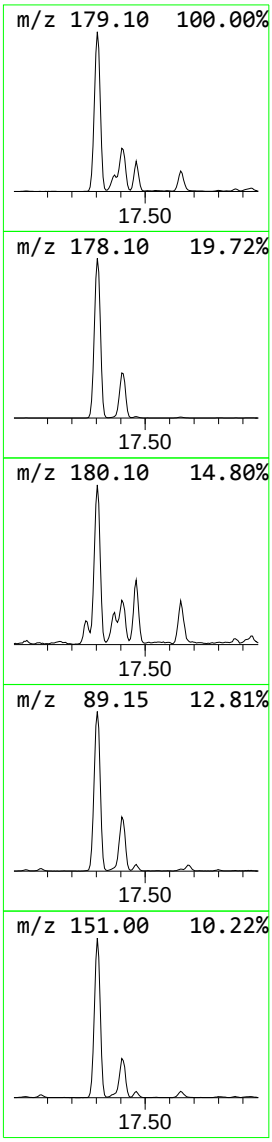
****

Peak Number 5 Acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	3.59 ng	991193	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	96
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	94
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
4	Phenanthridine	179	C13H9N	000229-87-8	93
5	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

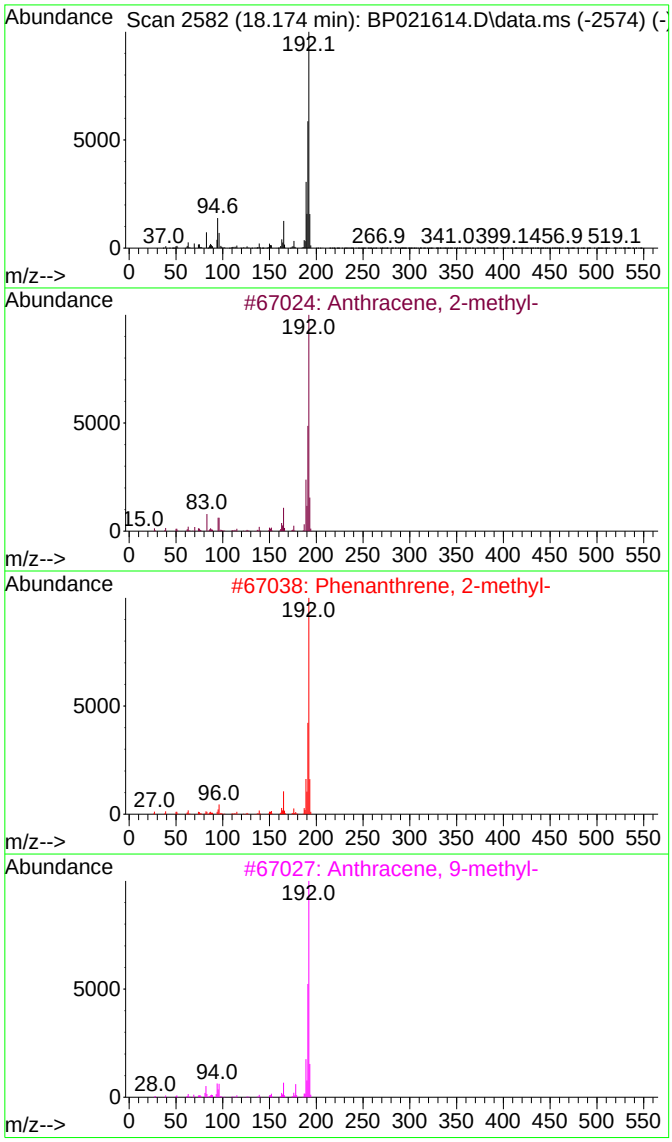
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

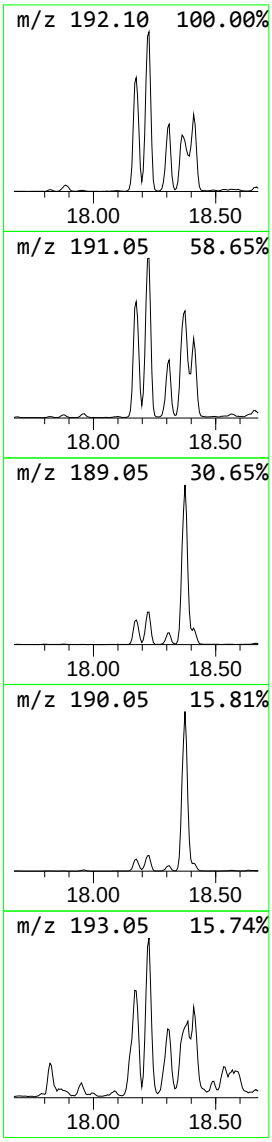
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	8.78 ng	2425170	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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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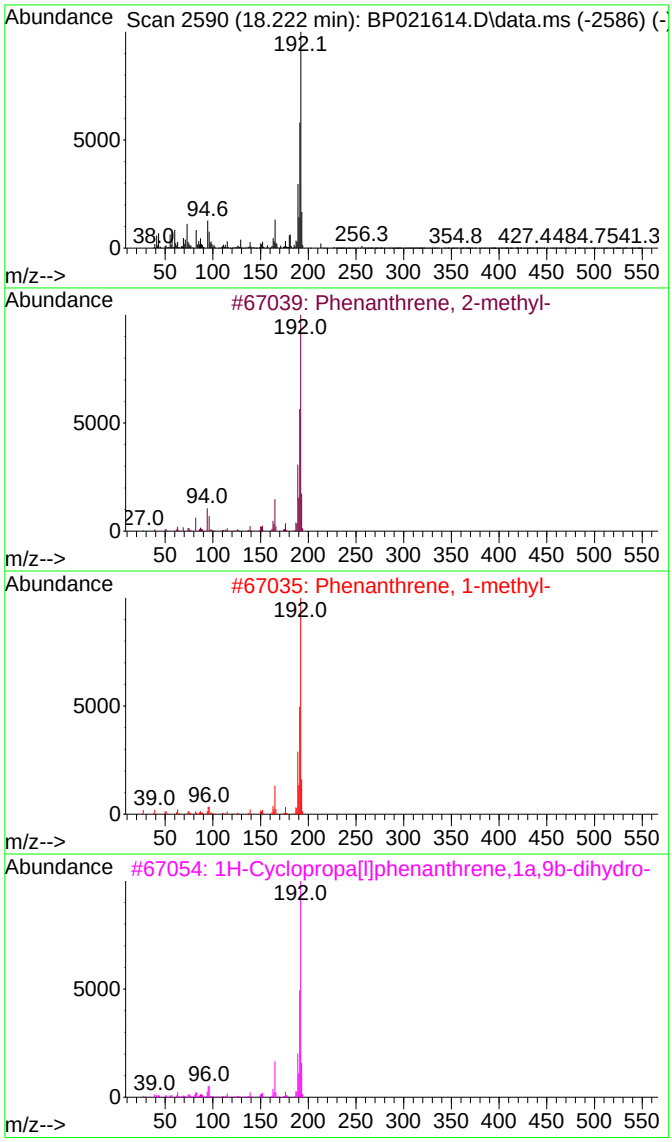
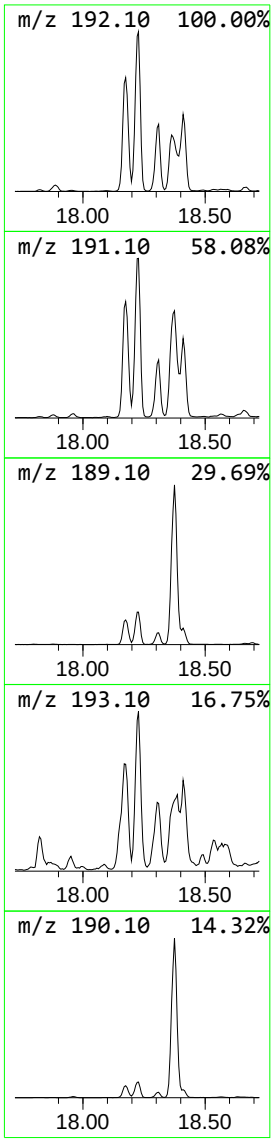
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	15.67 ng	4330090	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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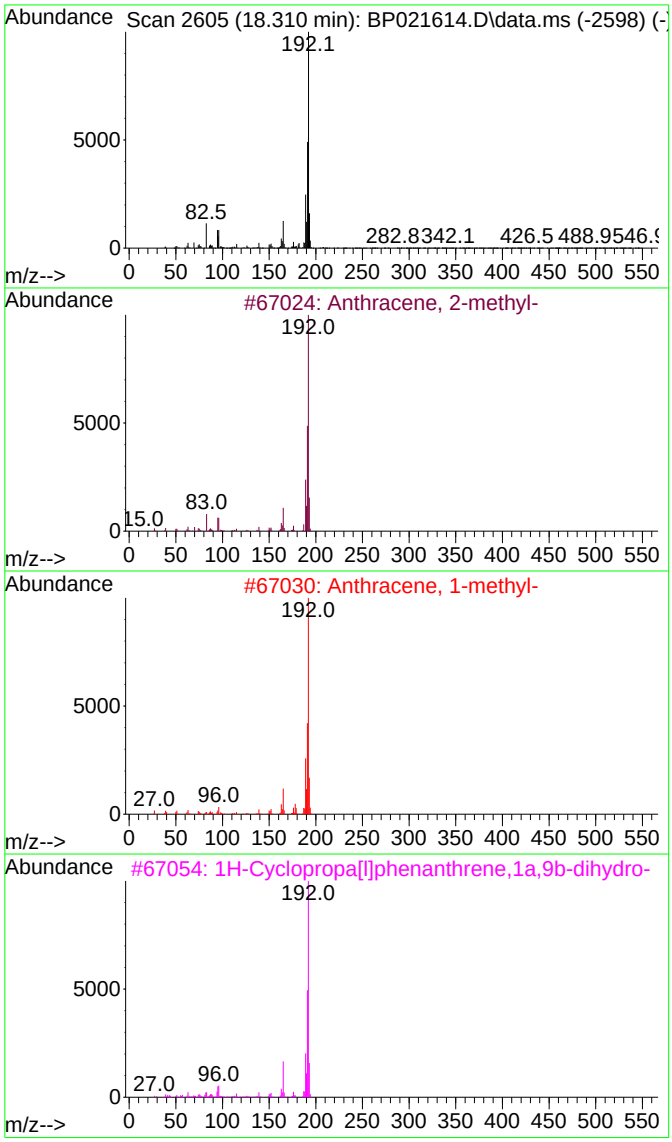
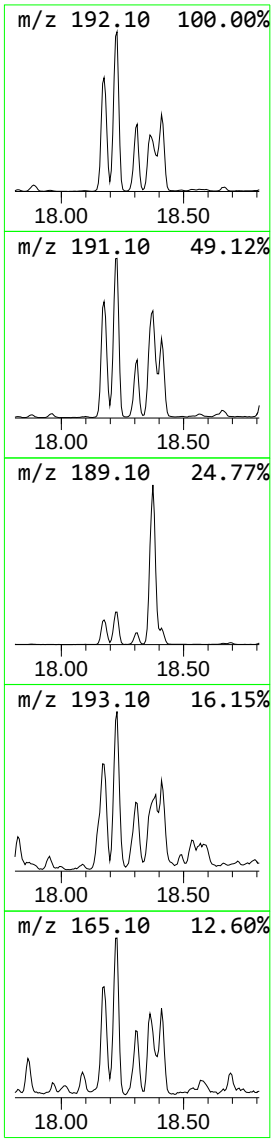
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	4.53 ng	1251980	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





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Misc :
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ClientSampleId :
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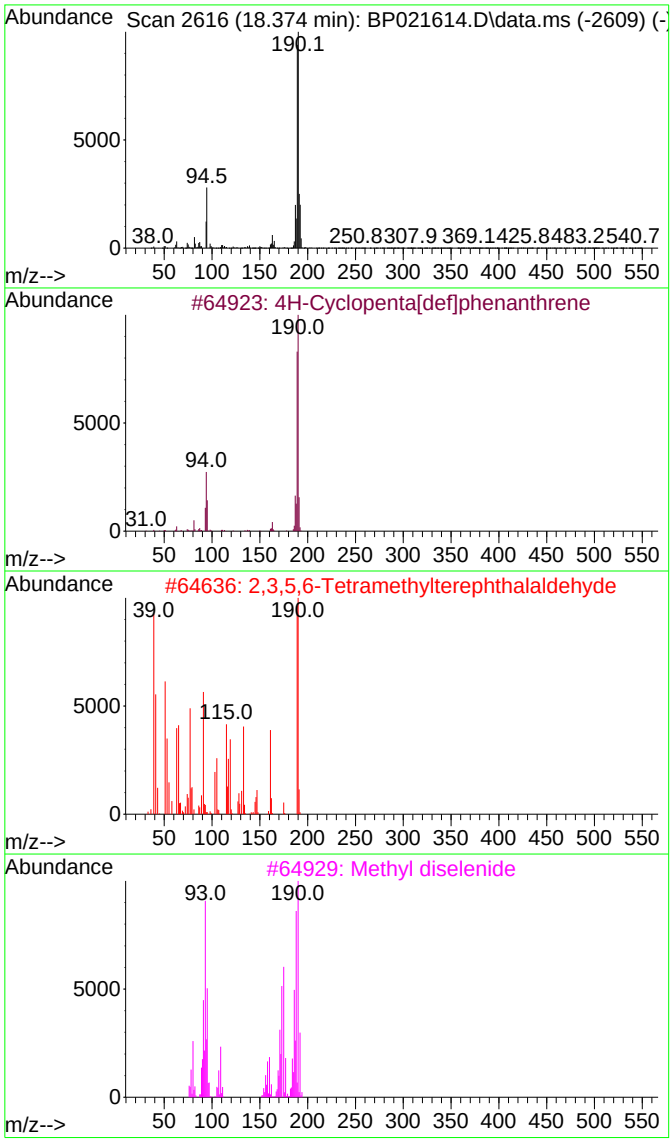
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

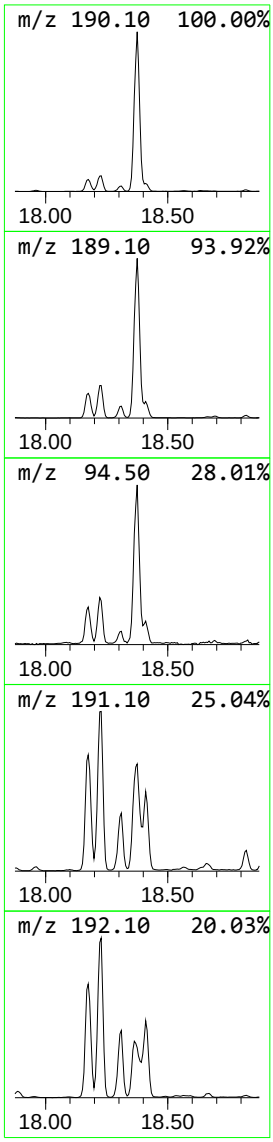
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	22.63 ng	6252060	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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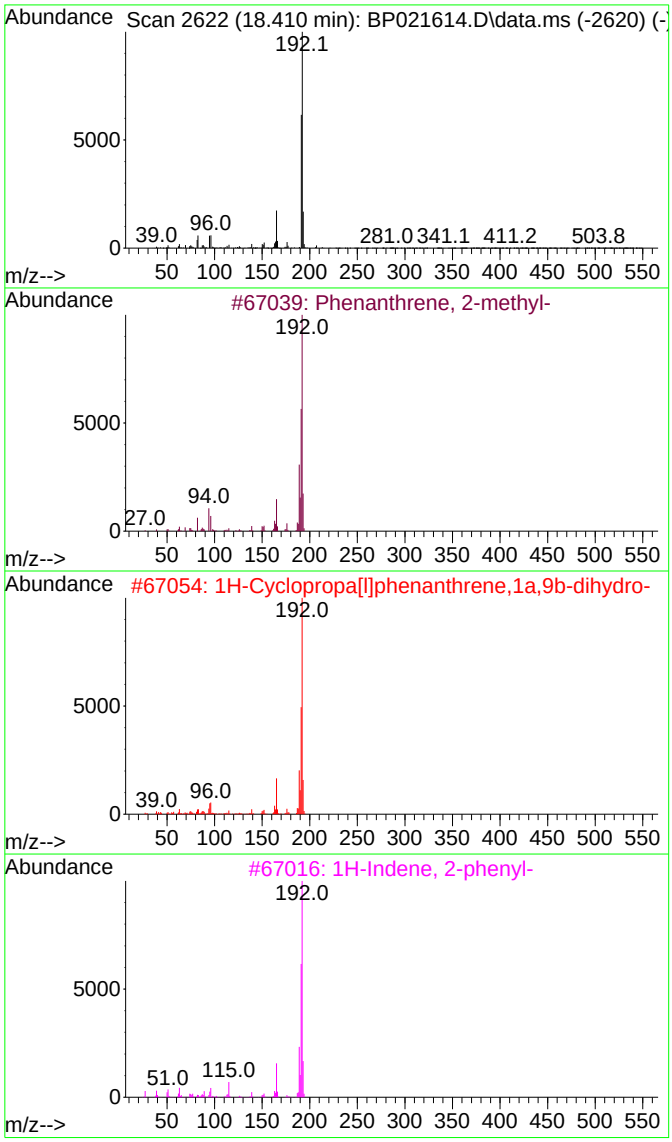
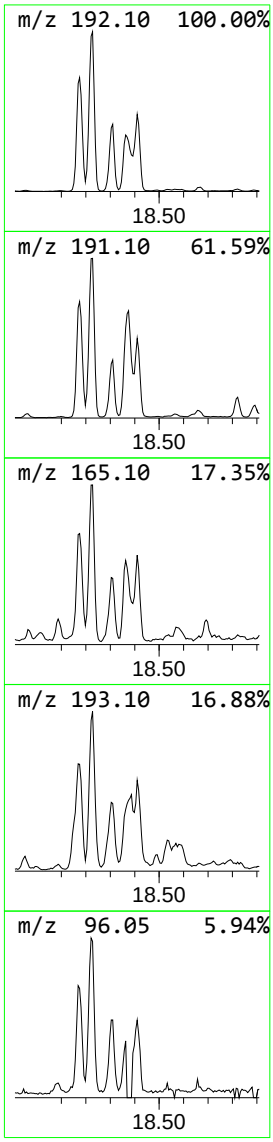
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	4.14 ng	1143470	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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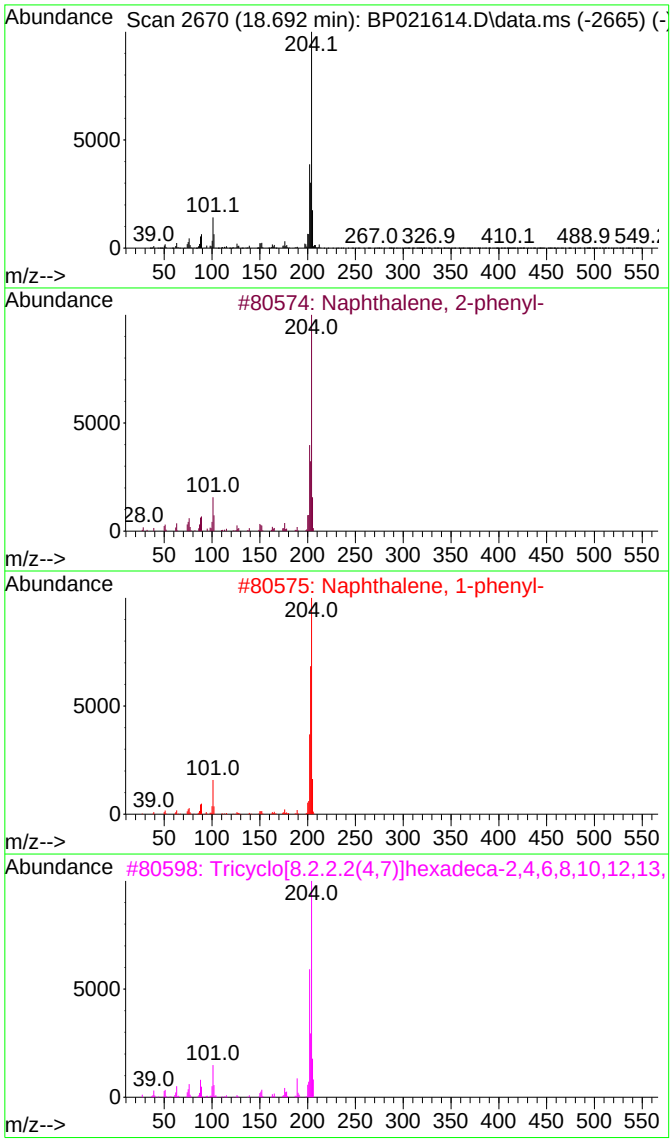
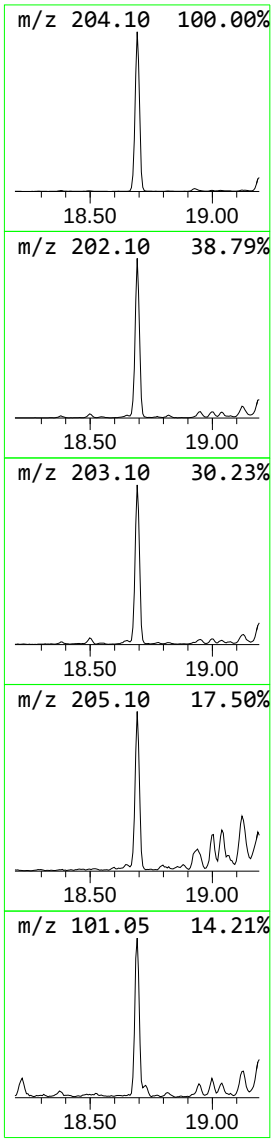
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	8.24 ng	2275430	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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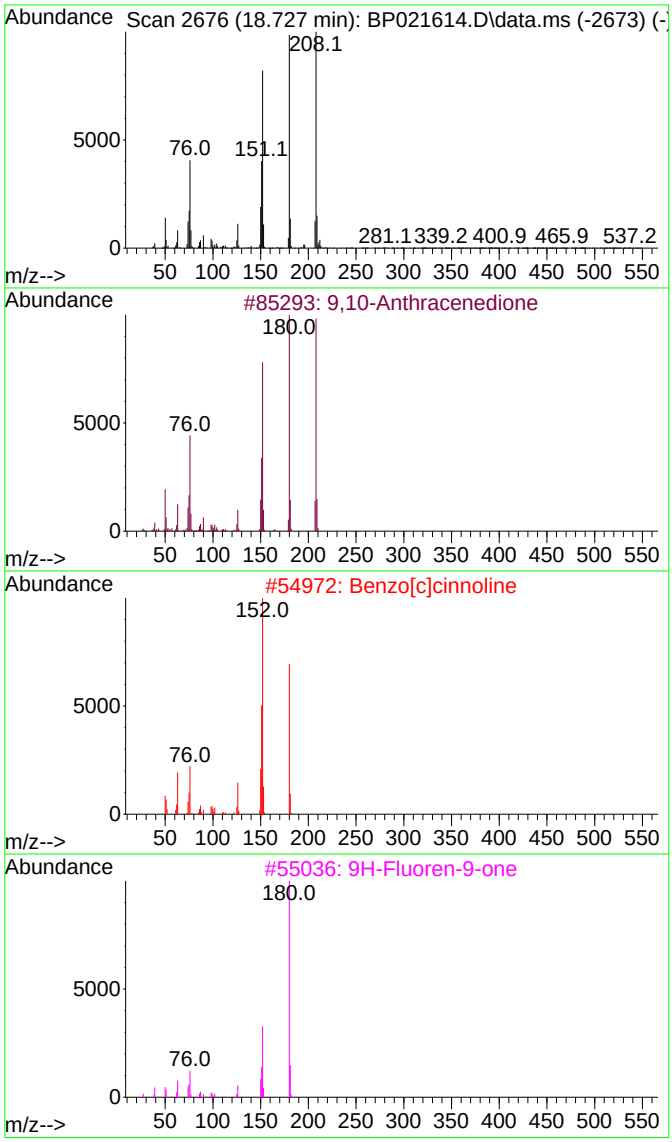
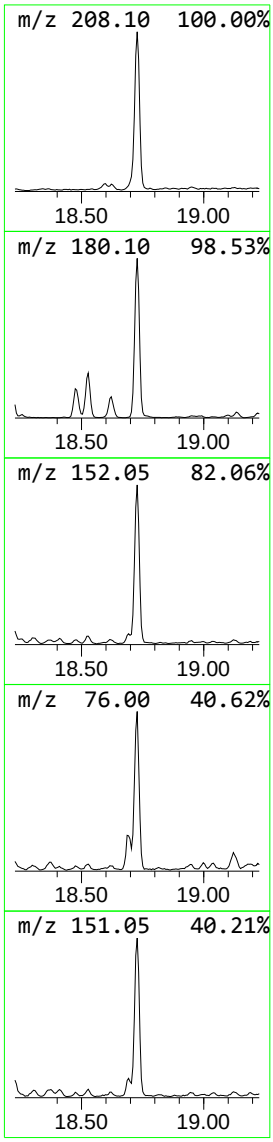
Peak Number 12 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	7.91 ng	2184430	Phenanthrene-d10	17.257

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	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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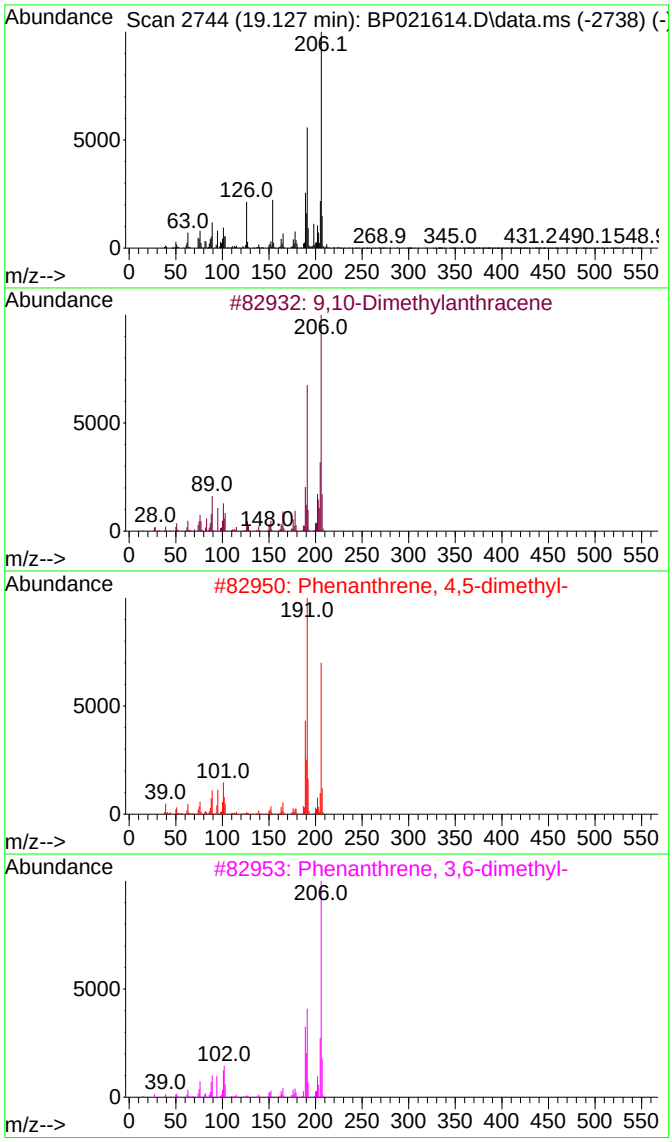
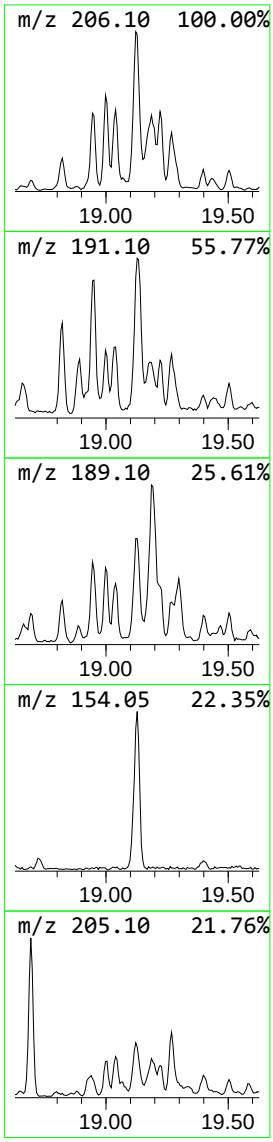
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	4.34 ng	1199350	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89





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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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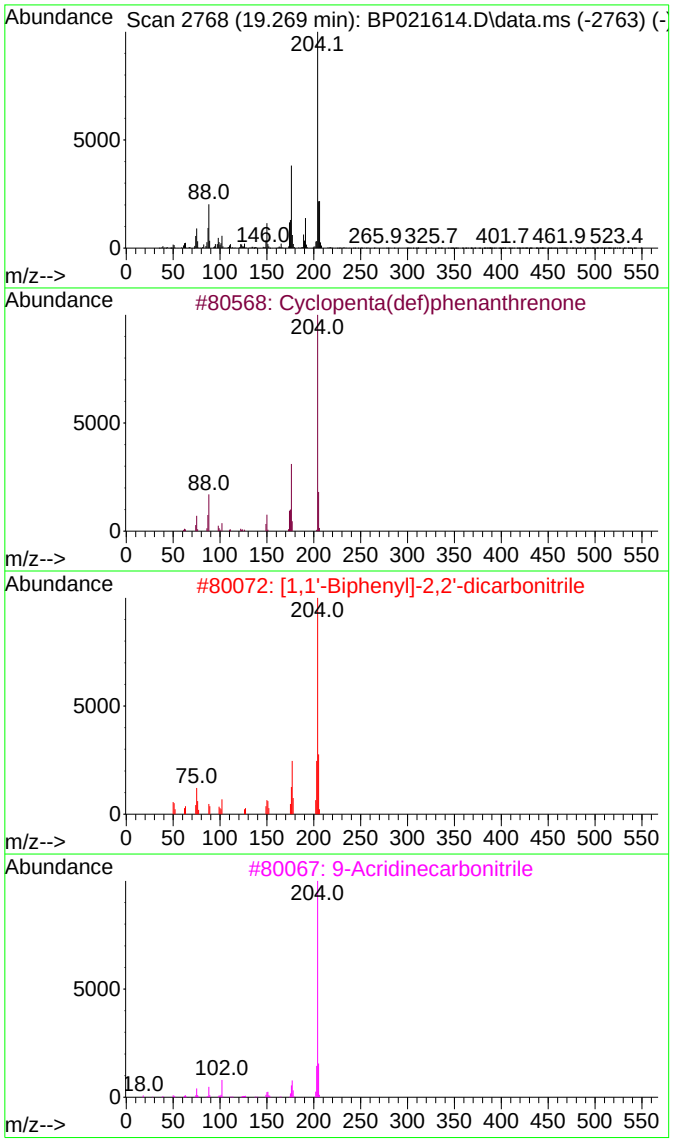
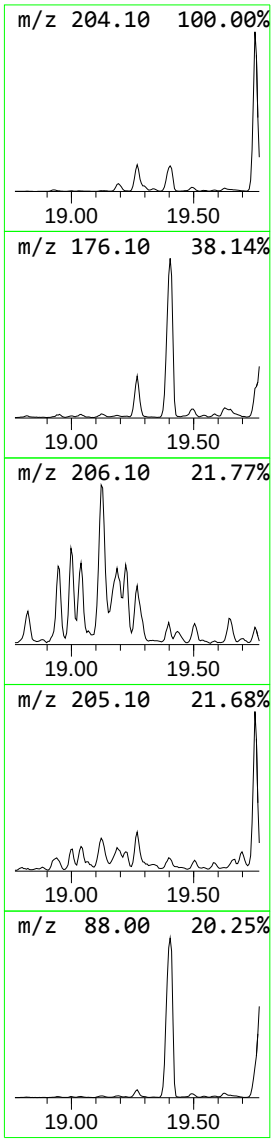
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	3.96 ng	1095000	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	35





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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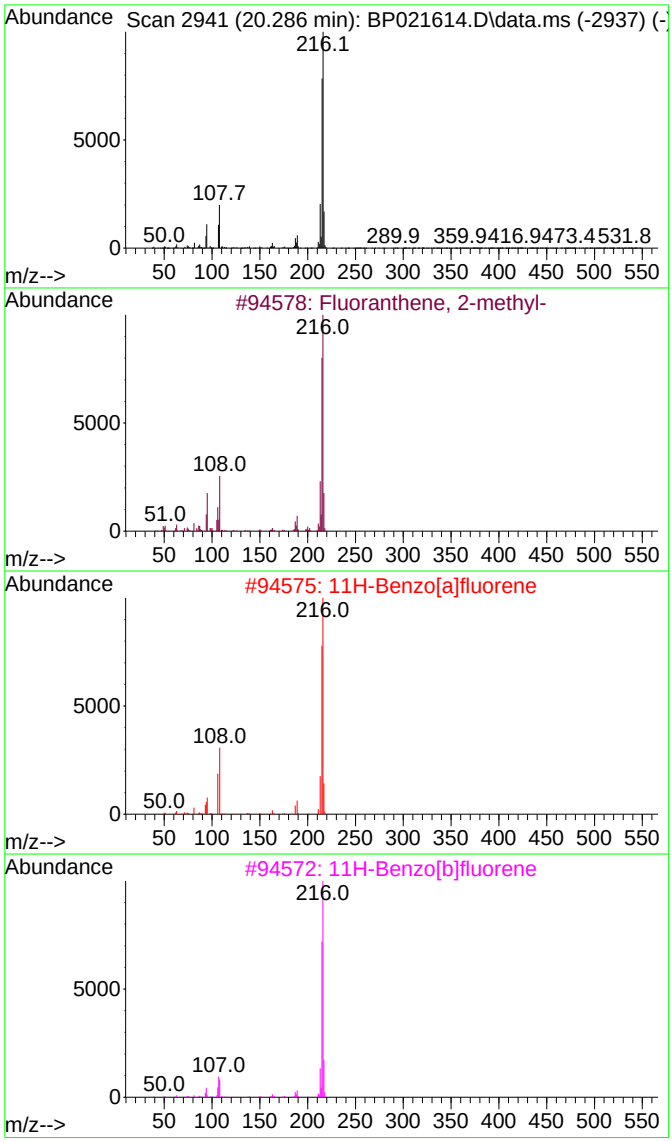
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

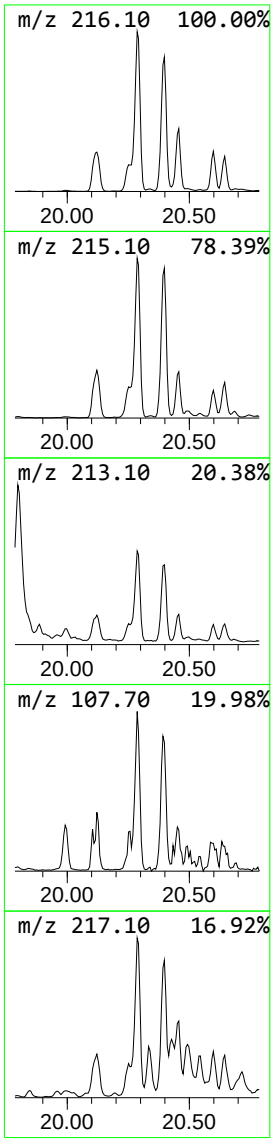
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.286	3.64 ng	5694210	Chrysene-d12	21.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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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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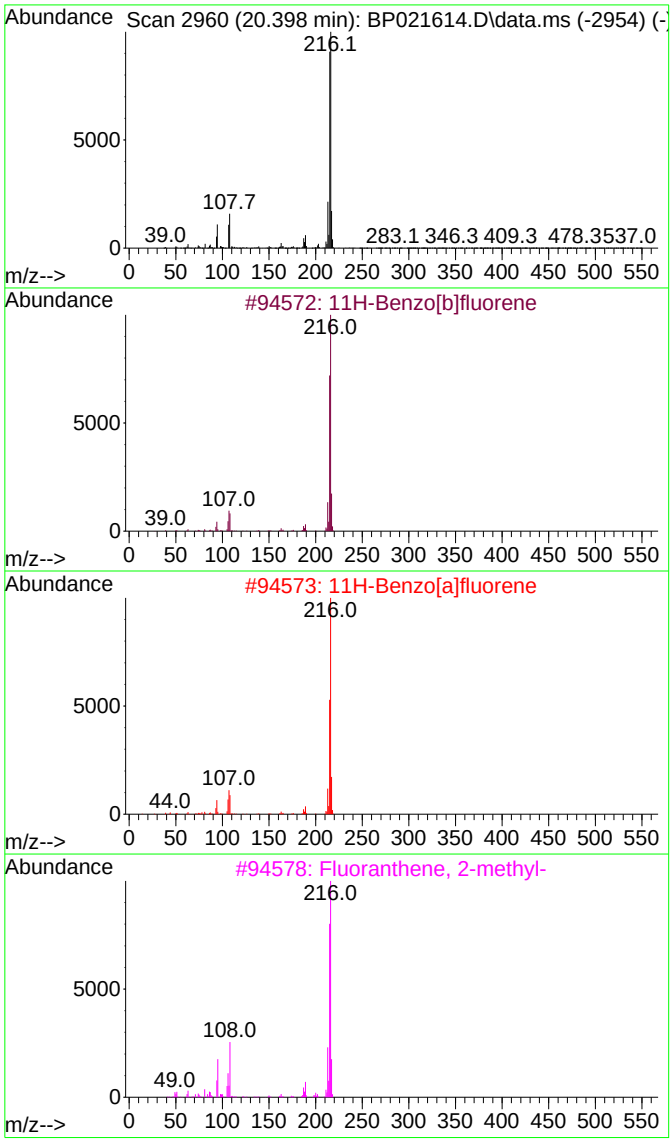
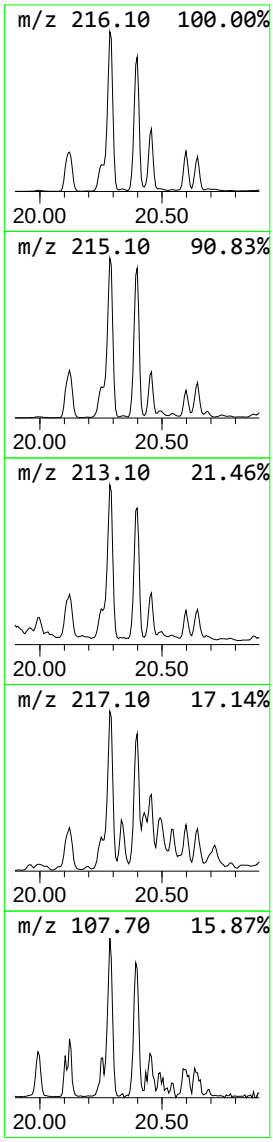
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.398	3.18 ng	4986220	Chrysene-d12	21.733

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	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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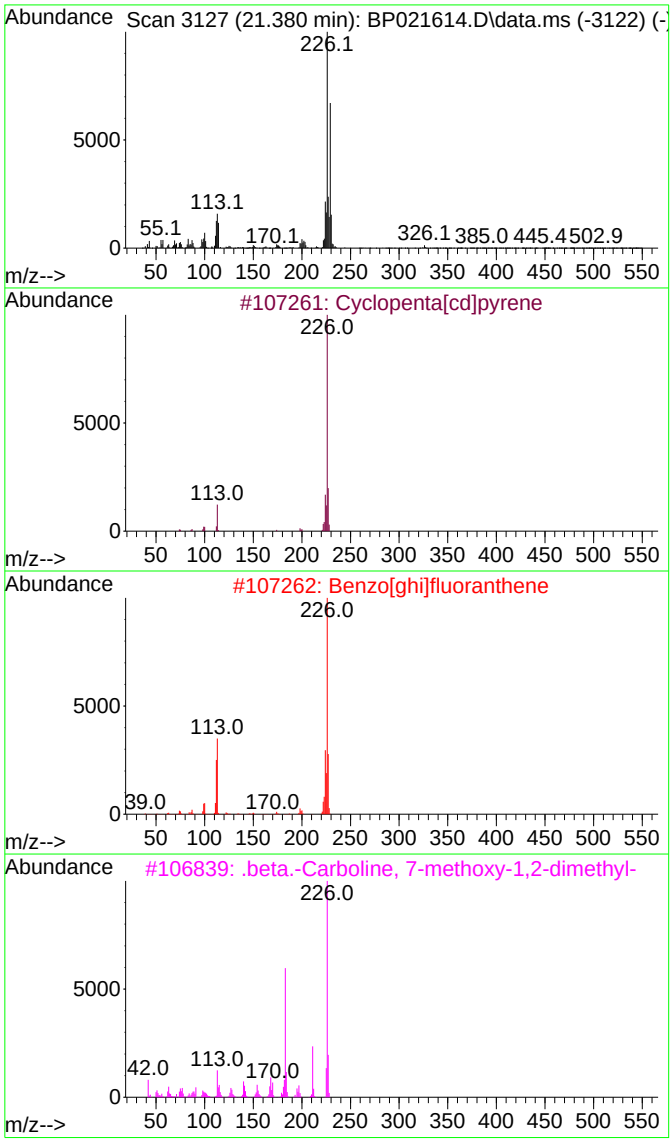
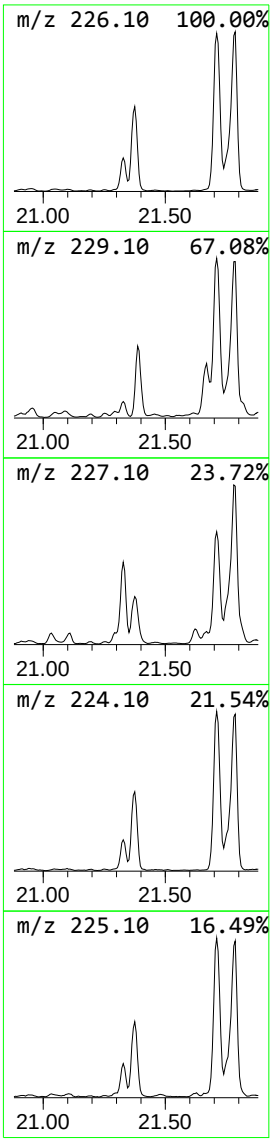
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	3.42 ng	5353270	Chrysene-d12	21.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	45
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
4	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	35
5	Benzo(a)acridine	229	C17H11N	000225-11-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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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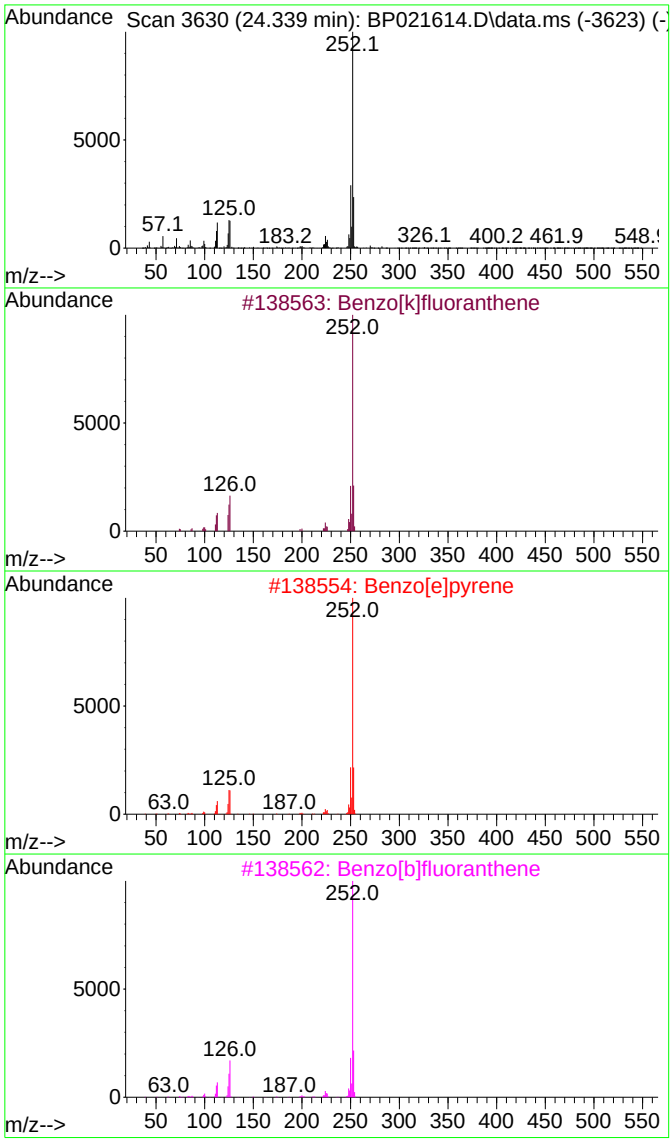
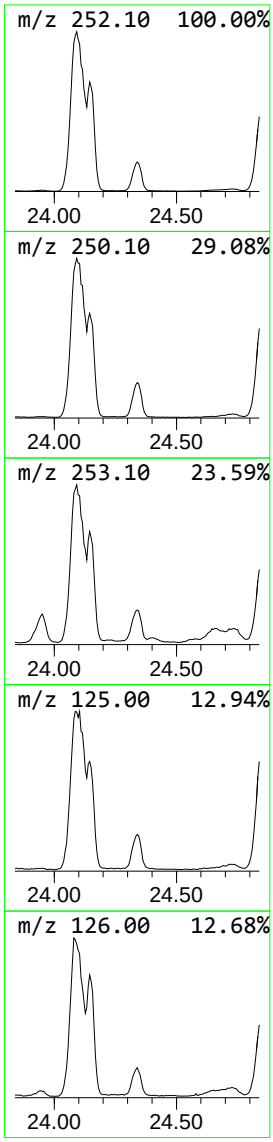
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.339	10.96 ng	3239980	Perylene-d12	25.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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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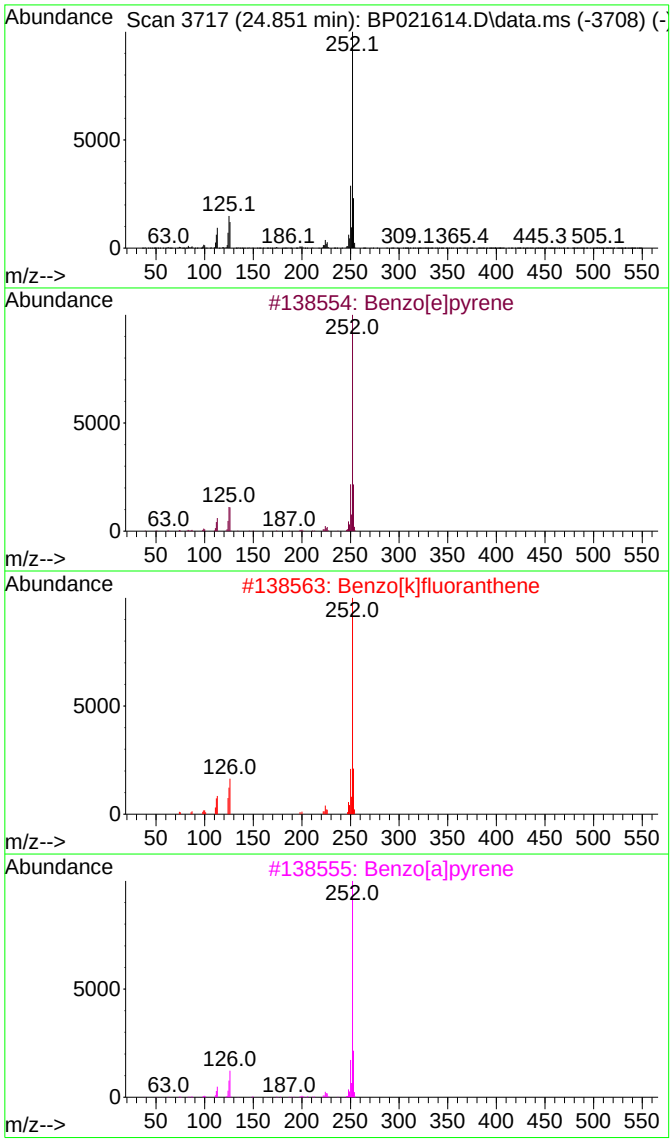
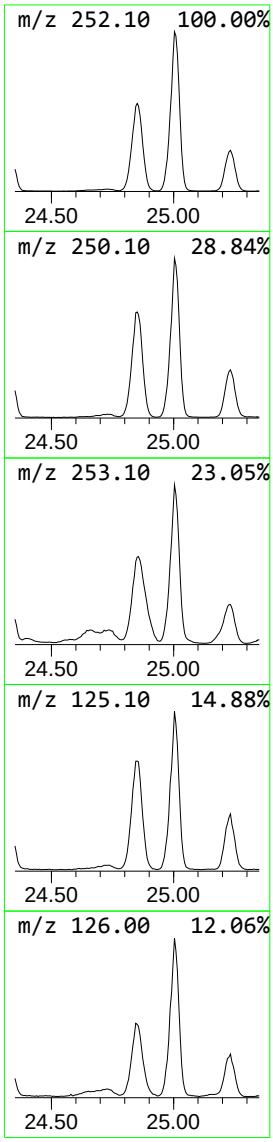
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.851	45.35 ng	13405300	Perylene-d12	25.157

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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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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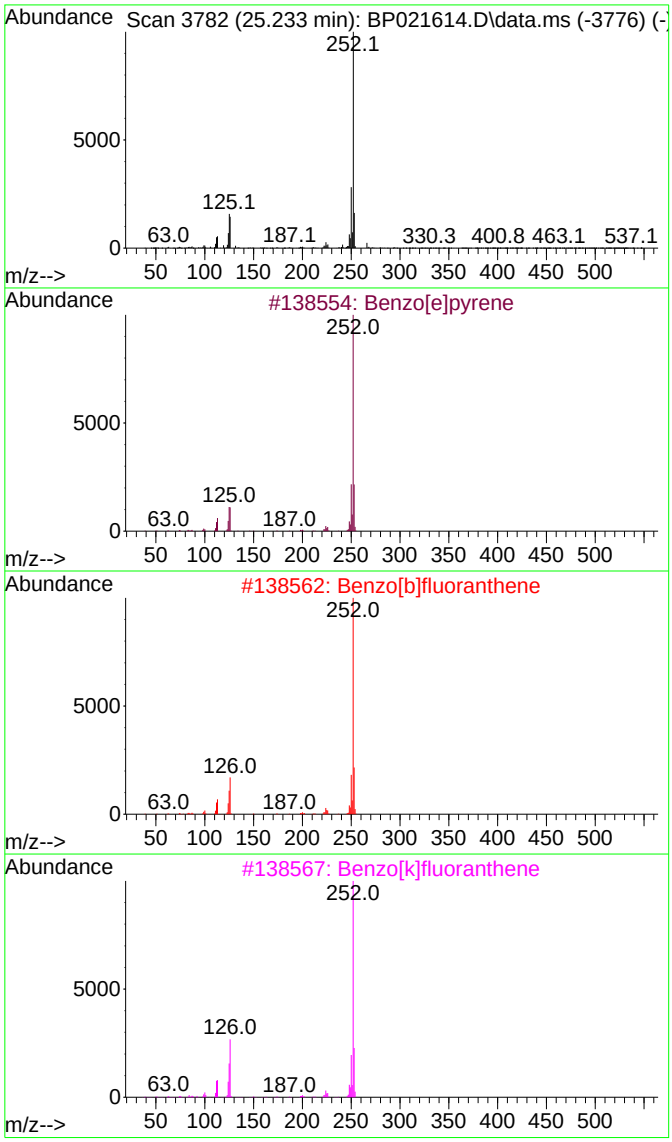
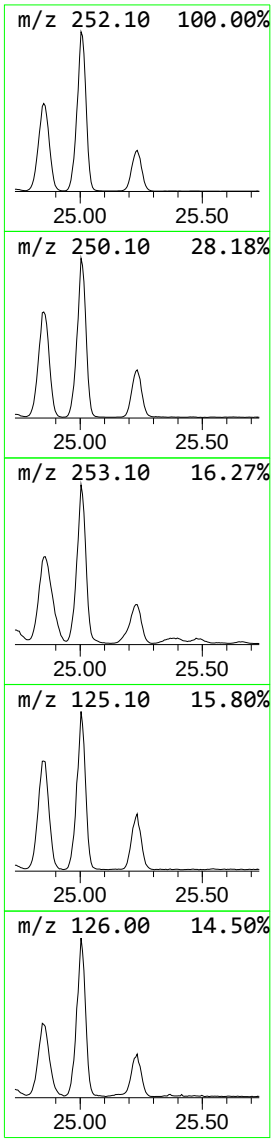
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.233	15.57 ng	4603550	Perylene-d12	25.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021614.D
Acq On : 22 Aug 2024 15:04
Operator : RC/JU
Sample : P3671-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0-0.5-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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
Butane, 2-metho...	3.028	39.4	ng	3798550	1	7.799	1927400	20.0
9H-Fluorene, 1-...	16.545	2.9	ng	807485	4	17.257	5524980	20.0
9H-Fluoren-9-one	16.898	3.1	ng	845911	4	17.257	5524980	20.0
Dibenzothiophene	17.075	7.6	ng	2111680	4	17.257	5524980	20.0
Acridine	17.463	3.6	ng	991193	4	17.257	5524980	20.0
Anthracene, 2-m...	18.174	8.8	ng	2425170	4	17.257	5524980	20.0
Phenanthrene, 2...	18.222	15.7	ng	4330090	4	17.257	5524980	20.0
Anthracene, 1-m...	18.310	4.5	ng	1251980	4	17.257	5524980	20.0
4H-Cyclopenta[d...	18.375	22.6	ng	6252060	4	17.257	5524980	20.0
1H-Cyclopropa[l...	18.410	4.1	ng	1143470	4	17.257	5524980	20.0
Naphthalene, 2-...	18.692	8.2	ng	2275430	4	17.257	5524980	20.0
9,10-Anthracene...	18.727	7.9	ng	2184430	4	17.257	5524980	20.0
9,10-Dimethylan...	19.127	4.3	ng	1199350	4	17.257	5524980	20.0
Cyclopenta(def)...	19.269	4.0	ng	1095000	4	17.257	5524980	20.0
Fluoranthene, 2...	20.286	3.6	ng	5694210	5	21.733	31314200	20.0
11H-Benzo[b]flu...	20.398	3.2	ng	4986220	5	21.733	31314200	20.0
Cyclopenta[cd]p...	21.380	3.4	ng	5353270	5	21.733	31314200	20.0
Benzo[e]pyrene	24.339	11.0	ng	3239980	6	25.157	5912130	20.0
Perylene	24.851	45.4	ng	13405300	6	25.157	5912130	20.0
Benzo[j]fluoran...	25.233	15.6	ng	4603550	6	25.157	5912130	20.0