LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024878.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.778	306	313	325	rBV	488763	726027	2.96%	0.231%
2	5.237	385	391	412	rBV	4725474	7217920	29.41%	2.293%
3	6.813	652	659	682	rBV	4978906	8122575	33.10%	2.580%
4	7.607	785	794	803	rBV	1634571	2510304	10.23%	0.797%
5	8.760	982	990	1005	rBV	2980351	5290157	21.56%	1.681%
6	10.372	1255	1264	1270	rBV	2265581	3643799	14.85%	1.158%
7	12.854	1676	1686	1698	rBV	8916665	12565753	51.20%	3.992%
8	13.960	1867	1874	1888	rBV	751260	1193057	4.86%	0.379%
9	14.242	1911	1922	1928	rBV	3444264	5018692	20.45%	1.594%
10	14.307	1928	1933	1942	rVB	200256	310243	1.26%	0.099%
11	14.654	1986	1992	1997	rBV	255947	383377	1.56%	0.122%
12	14.872	2021	2029	2034	rBV3	127619	274649	1.12%	0.087%
13	15.054	2050	2060	2068	rBV2	184061	469462	1.91%	0.149%
14	15.301	2097	2102	2116	rVB2	253893	570997	2.33%	0.181%
15	15.624	2149	2157	2166	rBV	1601439	2580085	10.51%	0.820%
16	15.760	2171	2180	2188	rBV	6784512	9517776	38.78%	3.024%
17	15.995	2213	2220	2232	rBV5	244015	591089	2.41%	0.188%
18	16.330	2270	2277	2282	rBV3	176215	411273	1.68%	0.131%
19	16.607	2321	2324	2334	rVB4	182476	339020	1.38%	0.108%
20	16.689	2334	2338	2346	rVB	757069	1088696	4.44%	0.346%
21	16.854	2362	2366	2374	rVB	369504	605456	2.47%	0.192%
22	17.042	2392	2398	2401	rBV2	4024300	5951628	24.25%	1.891%
23	17.083	2401	2405	2412	rVV	8160351	11441084	46.62%	3.635%
24	17.171	2413	2420	2426	rVB	1445333	2077486	8.47%	0.660%
25	17.242	2426	2432	2438	rBV3	181804	410424	1.67%	0.130%
26	17.466	2462	2470	2479	rBV2	489854	1236927	5.04%	0.393%
27	17.577	2485	2489	2494	rVB2	309245	442392	1.80%	0.141%
28	17.642	2496	2500	2508	rVB3	382099	703587	2.87%	0.224%
29	17.783	2521	2524	2532	rVB2	223874	425500	1.73%	0.135%
30	17.866	2533	2538	2543	rBV	202359	342704	1.40%	0.109%
31	17.942	2546	2551	2555	rVV	1691130	2526336	10.29%	0.803%
32	17.989	2555	2559	2566	rVV2	2895945	4813602	19.61%	1.529%
33	18.077	2567	2574	2578	rVV2	654132	1061557	4.33%	0.337%
34	18.136	2579	2584	2589	rVV2	2393746	4280990	17.44%	1.360%
35	18.177	2589	2591	2603	rVB	1466571	1973916	8.04%	0.627%
36	18.277	2603	2608	2612	rBV4	238506	436594	1.78%	0.139%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-11934

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.360	2618	2622	2626	rBV2	253986	312272	1.27%	0.099%
38	18.424	2628	2633	2635	rVV4	179243	314104	1.28%	0.100%
39	18.465	2635	2640	2643	rVV	1779379	2351860	9.58%	0.747%
40	18.513	2643	2648	2658	rVB	3189017	4635010	18.89%	1.472%
41	18.724	2680	2684	2688	rVV	488449	717876	2.93%	0.228%
42	18.771	2688	2692	2696	rVV	528269	781416	3.18%	0.248%
43	18.813	2696	2699	2703	rVB	398247	500471	2.04%	0.159%
44	18.895	2708	2713	2717	rBV	1250224	2055655	8.38%	0.653%
45	18.948	2717	2722	2723	rBV2	460455	630070	2.57%	0.200%
46	18.995	2728	2730	2734	rVB	469031	564464	2.30%	0.179%
47	19.048	2734	2739	2747	rBV2	1574988	2655162	10.82%	0.843%
48	19.177	2754	2761	2767	rVB	17932640	23749429	96.77%	7.545%
49	19.242	2769	2772	2775	rBV	370466	361119	1.47%	0.115%
50	19.277	2775	2778	2781	rBV2	414061	488877	1.99%	0.155%
51	19.324	2782	2786	2791	rVB	742338	1241221	5.06%	0.394%
52	19.395	2794	2798	2800	rBV2	240340	352987	1.44%	0.112%
53	19.430	2800	2804	2814	rVB3	563041	1280595	5.22%	0.407%
54	19.554	2815	2825	2834	rBV	14989802	24541025	100.00%	7.796%
55	19.630	2834	2838	2844	rVB2	766090	1357028	5.53%	0.431%
56	19.683	2844	2847	2850	rBV3	189366	253087	1.03%	0.080%
57	19.736	2852	2856	2857	rBV2	707082	806967	3.29%	0.256%
58	19.771	2857	2862	2866	rVB	13823541	16891875	68.83%	5.366%
59	19.895	2877	2883	2884	rBV2	1182938	1853416	7.55%	0.589%
60	20.036	2902	2907	2908	rBV2	1024215	1512032	6.16%	0.480%
61	20.071	2910	2913	2917	rVB	1856653	2308124	9.41%	0.733%
62	20.171	2927	2930	2934	rBV	899547	1022730	4.17%	0.325%
63	20.230	2935	2940	2945	rBV2	1818435	2738214	11.16%	0.870%
64	20.318	2952	2955	2960	rBV3	290729	396197	1.61%	0.126%
65	20.377	2962	2965	2969	rVV	1020917	1323908	5.39%	0.421%
66	20.424	2969	2973	2978	rVV	1131717	1509263	6.15%	0.479%
67	20.583	2997	3000	3004	rVB	918913	1024714	4.18%	0.326%
68	20.859	3043	3047	3054	rVB	1796796	2747150	11.19%	0.873%
69	21.036	3071	3077	3081	rBV2	1498530	2609035	10.63%	0.829%
70	21.083	3081	3085	3089	rVV	1248209	1978954	8.06%	0.629%
71	21.136	3089	3094	3102	rVV4	1464081	3938461	16.05%	1.251%
72	21.201	3102	3105	3118	rVB	1634746	2759579	11.24%	0.877%
73	21.383	3133	3136	3140	rBV	833949	1022542	4.17%	0.325%
74	21.454	3142	3148	3155	rVV2	6675299	18074795	73.65%	5.742%
75	21.518	3155	3159	3172	rVB	7000398	11476749	46.77%	3.646%
76	21.665	3180	3184	3188	rBV	610860	936824	3.82%	0.298%

LSC Area Percent Report

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Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.742	3192	3197	3201	rBV	793078	1270474	5.18%	0.404%
78	22.136	3260	3264	3267	rBV2	367087	614587	2.50%	0.195%
79	22.206	3273	3276	3283	rVB	1152902	1786975	7.28%	0.568%
80	22.483	3318	3323	3326	rBV	838932	1308585	5.33%	0.416%
81	22.701	3355	3360	3367	rVB2	1158595	2348975	9.57%	0.746%
82	23.106	3423	3429	3444	rVB	4054807	9449849	38.51%	3.002%
83	23.348	3467	3470	3481	rVB2	807092	1659355	6.76%	0.527%
84	23.695	3520	3529	3535	rBV	4253145	13095519	53.36%	4.160%
85	23.959	3568	3574	3581	rVB	975044	2046997	8.34%	0.650%
86	24.406	3643	3650	3665	rVB	2624750	7289757	29.70%	2.316%
87	24.565	3669	3677	3690	rVB	3435047	9751462	39.74%	3.098%
88	24.724	3695	3704	3711	rBV	1731484	4870780	19.85%	1.547%
89	24.795	3711	3716	3725	rVB	844018	2156491	8.79%	0.685%
90	28.394	4319	4328	4329	rBV	1428539	2876807	11.72%	0.914%
91	29.530	4510	4521	4539	rVB	1584701	6633588	27.03%	2.107%

Sum of corrected areas: 314790592

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
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Acq On : 09 Jun 2025 15:33
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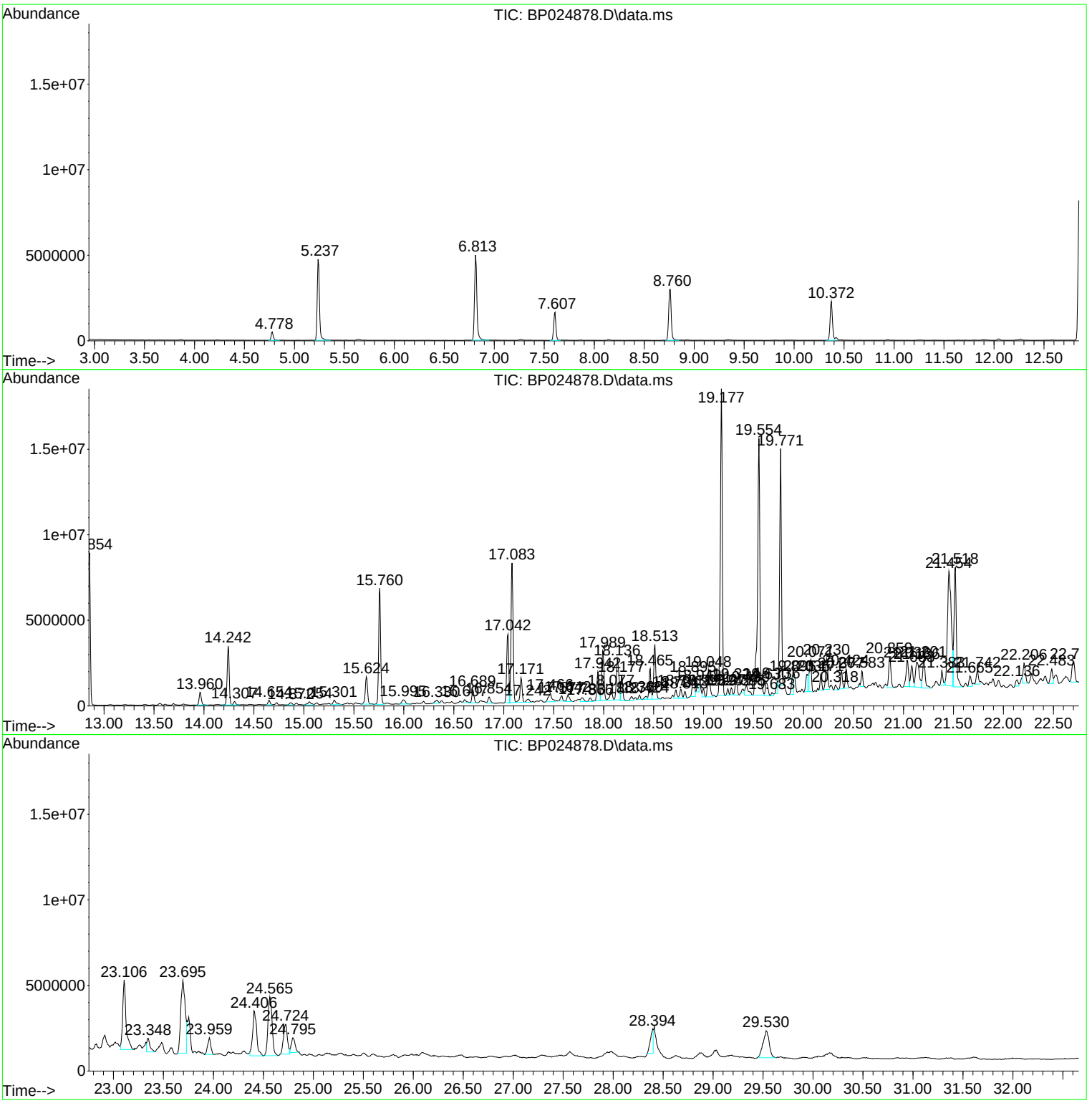
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

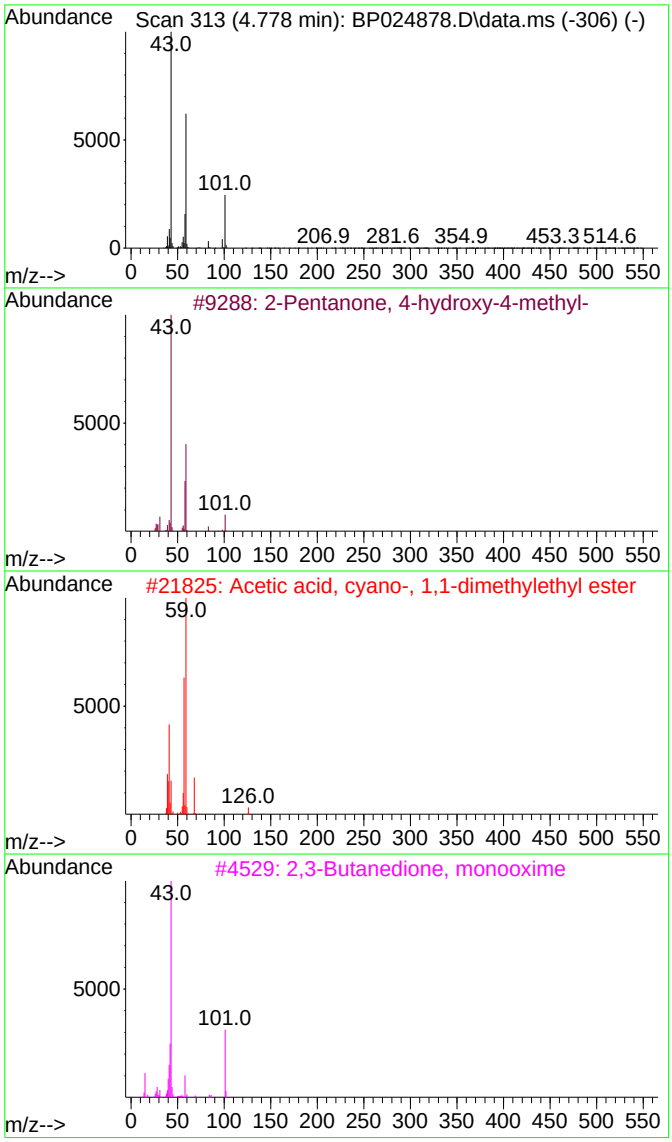
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

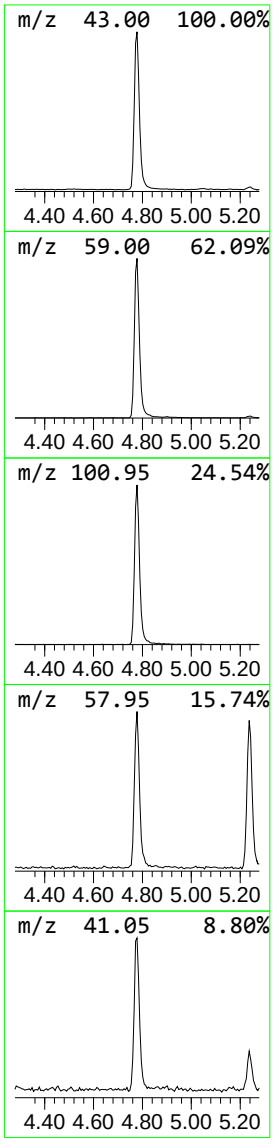
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.778	5.78 ng	726027	1,4-Dichlorobenzene-d4	7.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

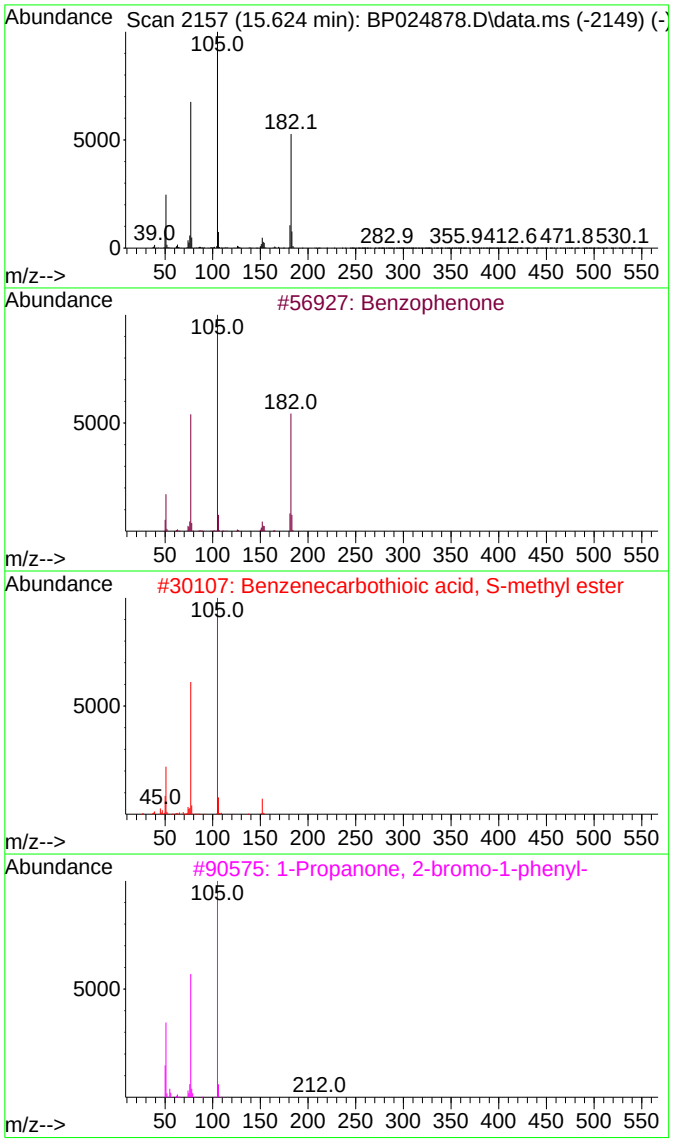
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

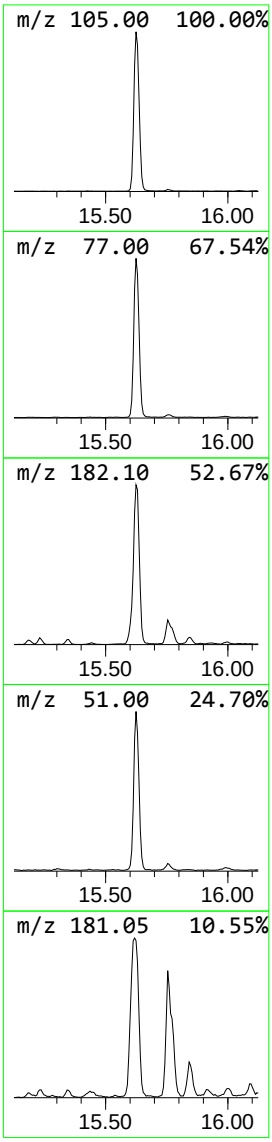
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.624	10.28 ng	2580090	Acenaphthene-d10	14.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
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Sample : Q2218-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

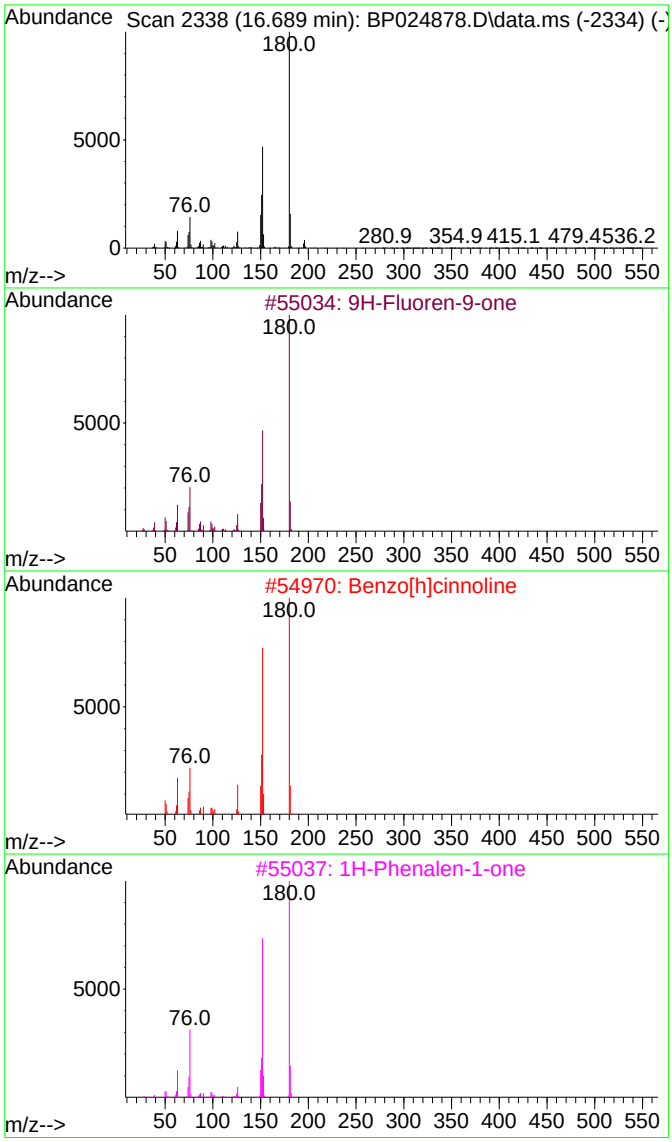
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

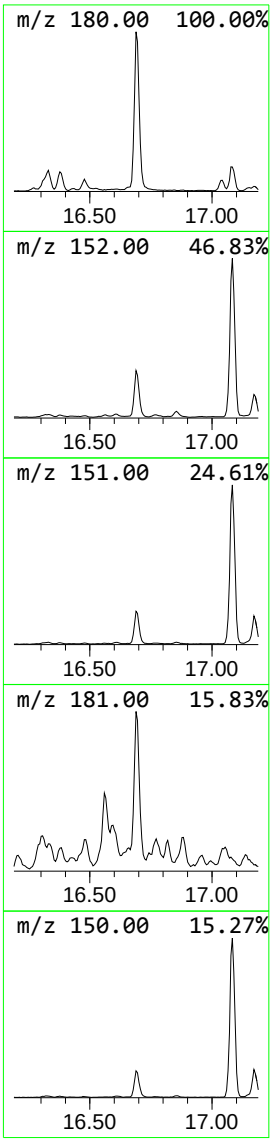
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.689	3.66 ng	1088700	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50
5	2,4-Diazaphenanthrene	180	C12H8N2	000230-28-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
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Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

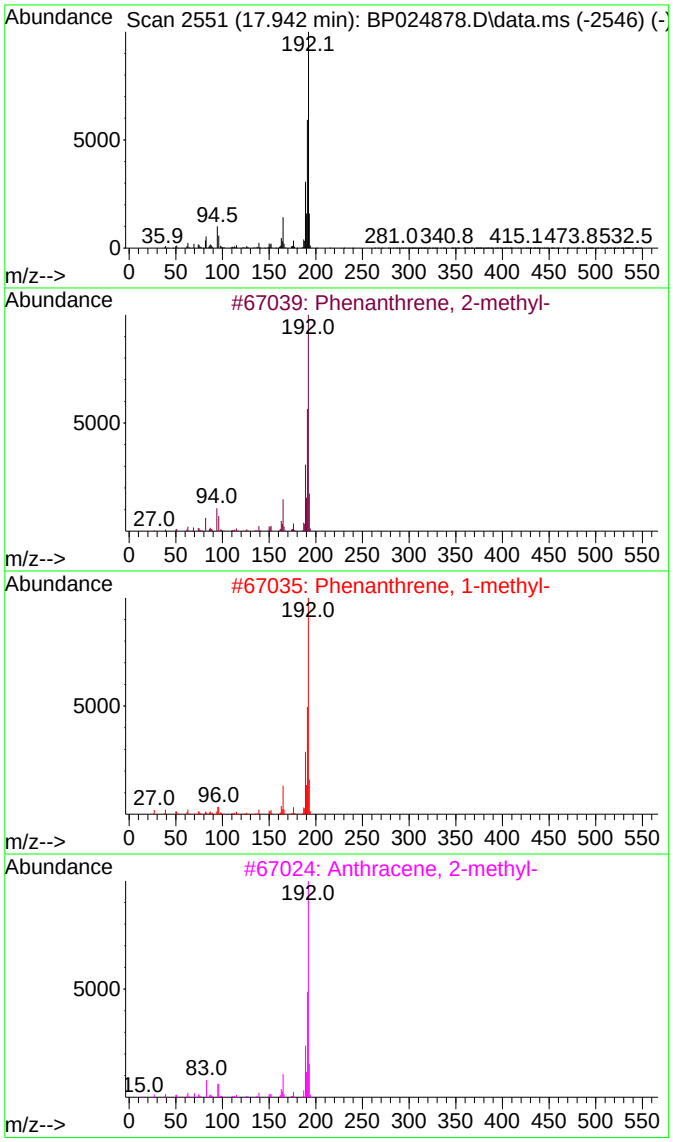
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

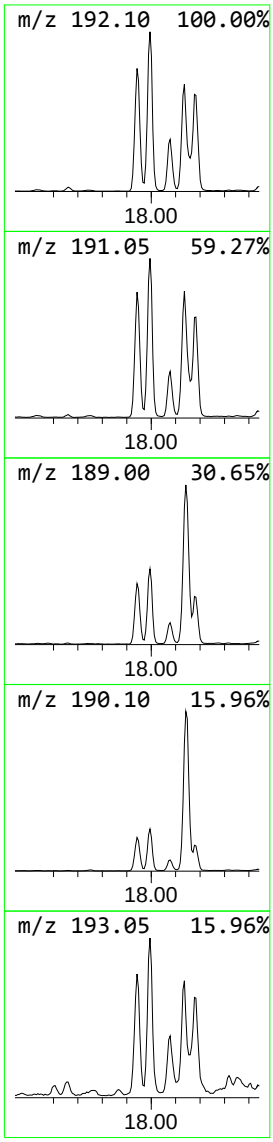
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.942	8.49 ng	2526340	Phenanthrene-d10	17.042

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

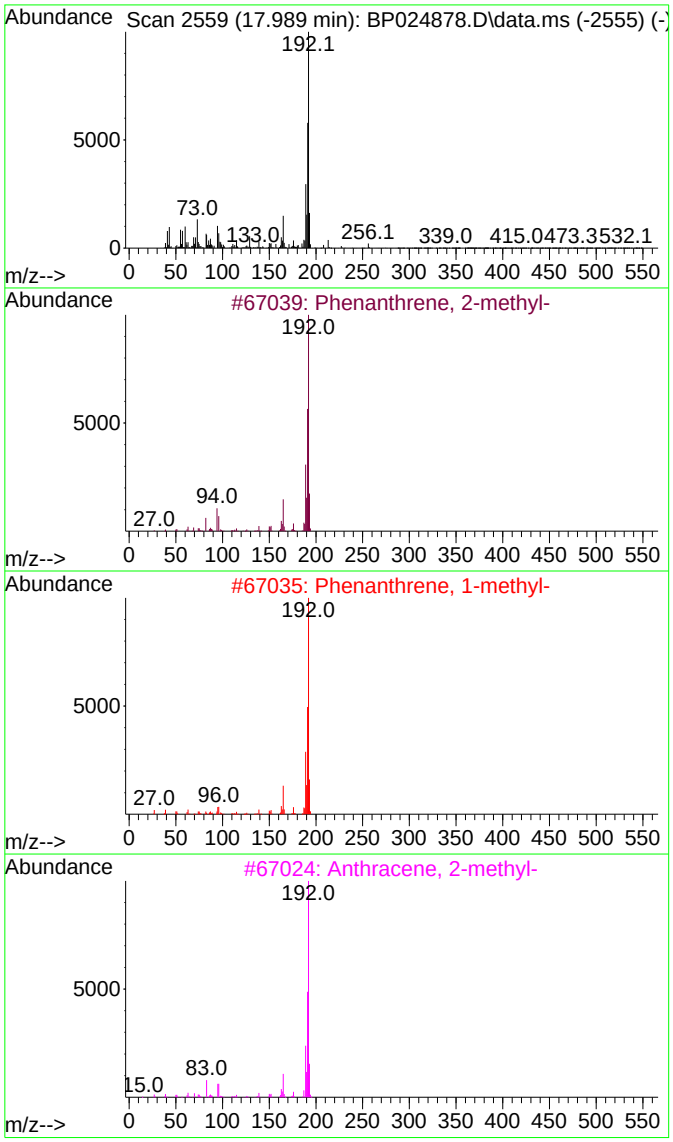
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

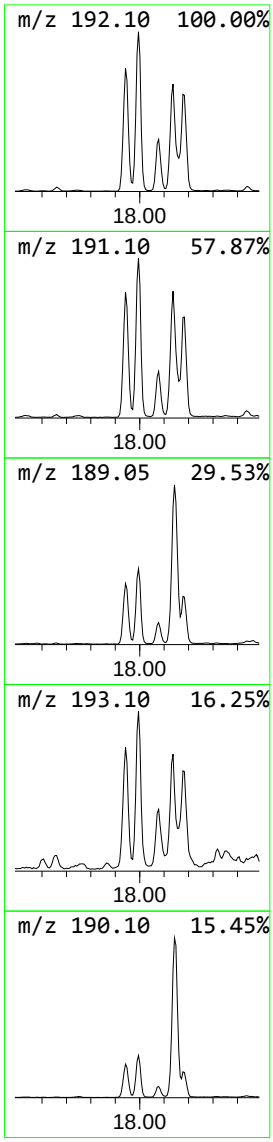
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.989	16.18 ng	4813600	Phenanthrene-d10	17.042

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

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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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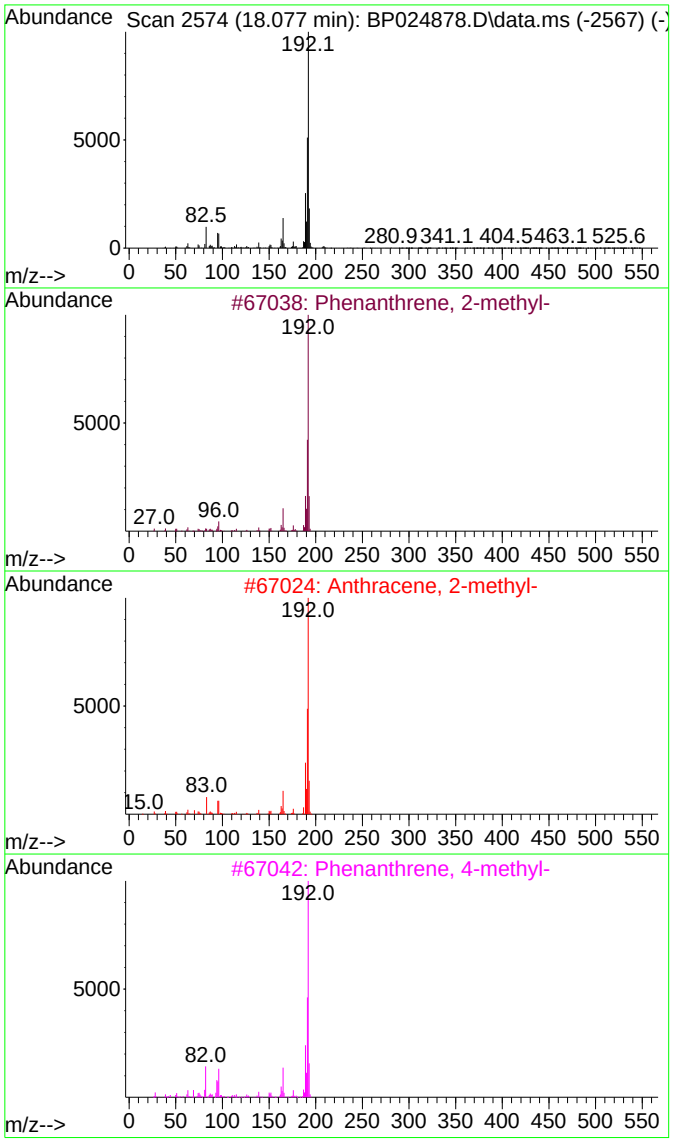
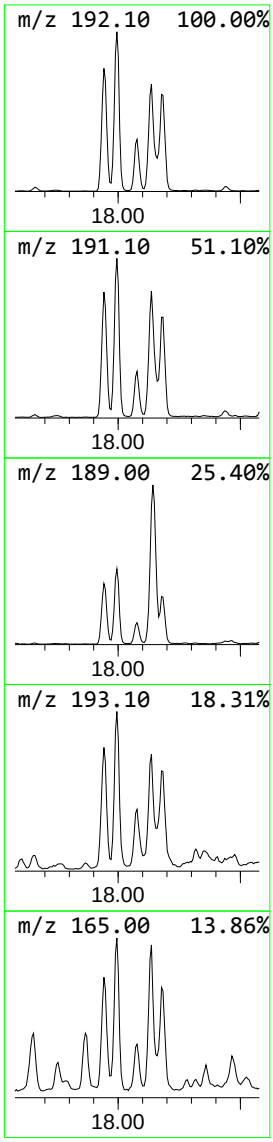
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.077	3.57 ng	1061560	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Sample : Q2218-01
Misc :
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

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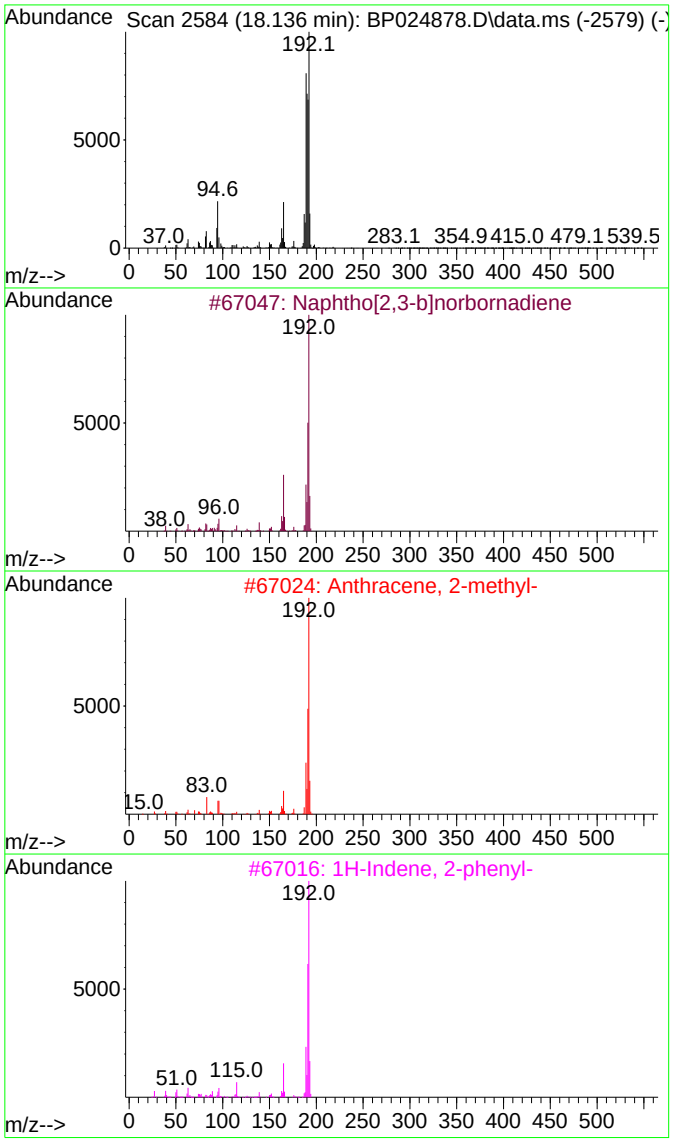
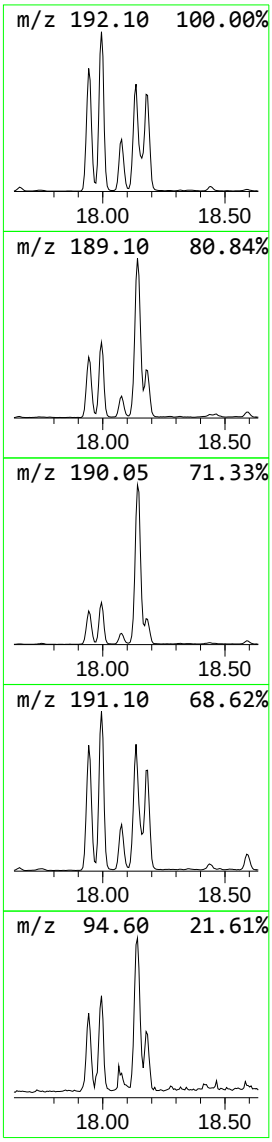
Peak Number 7 Naphtho[2,3-b]norbornadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	14.39 ng	4280990	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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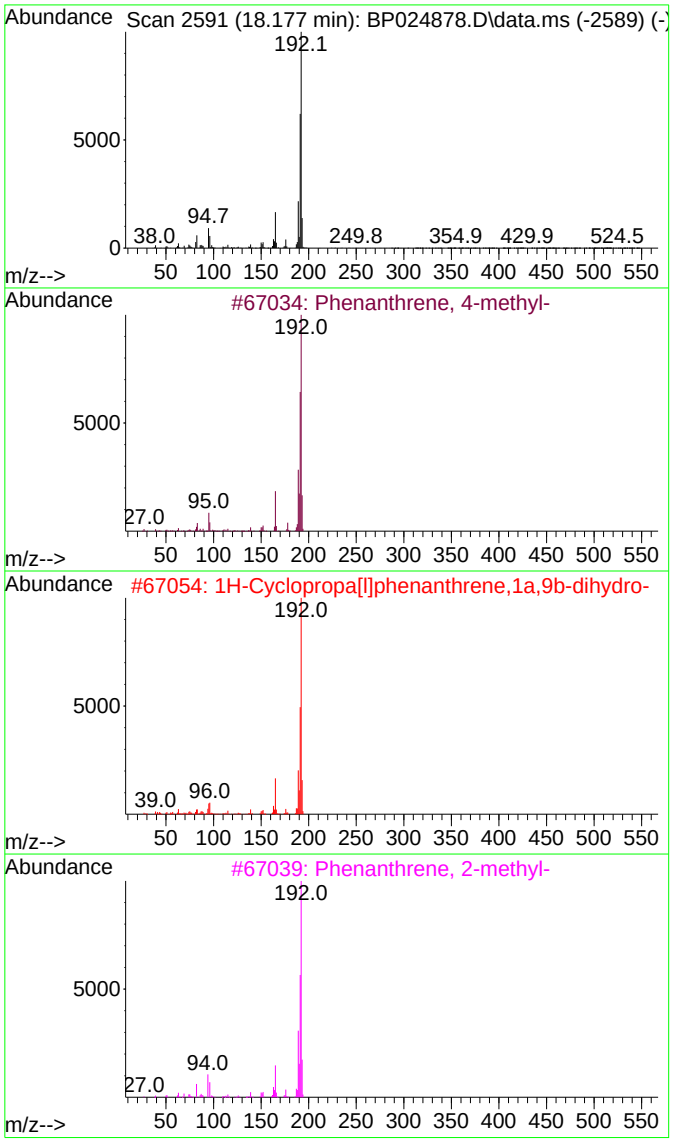
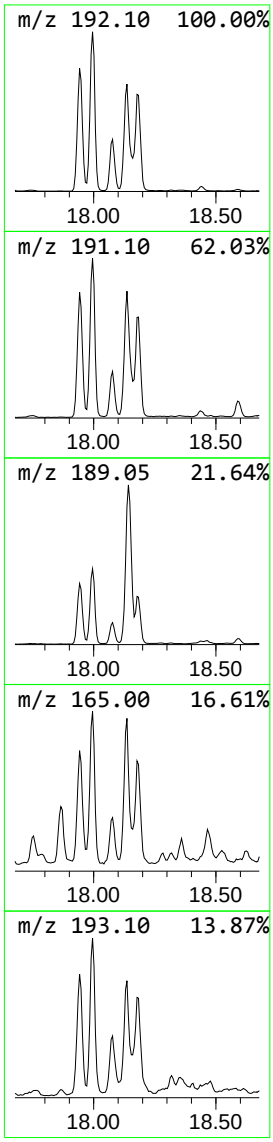
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.177	6.63 ng	1973920	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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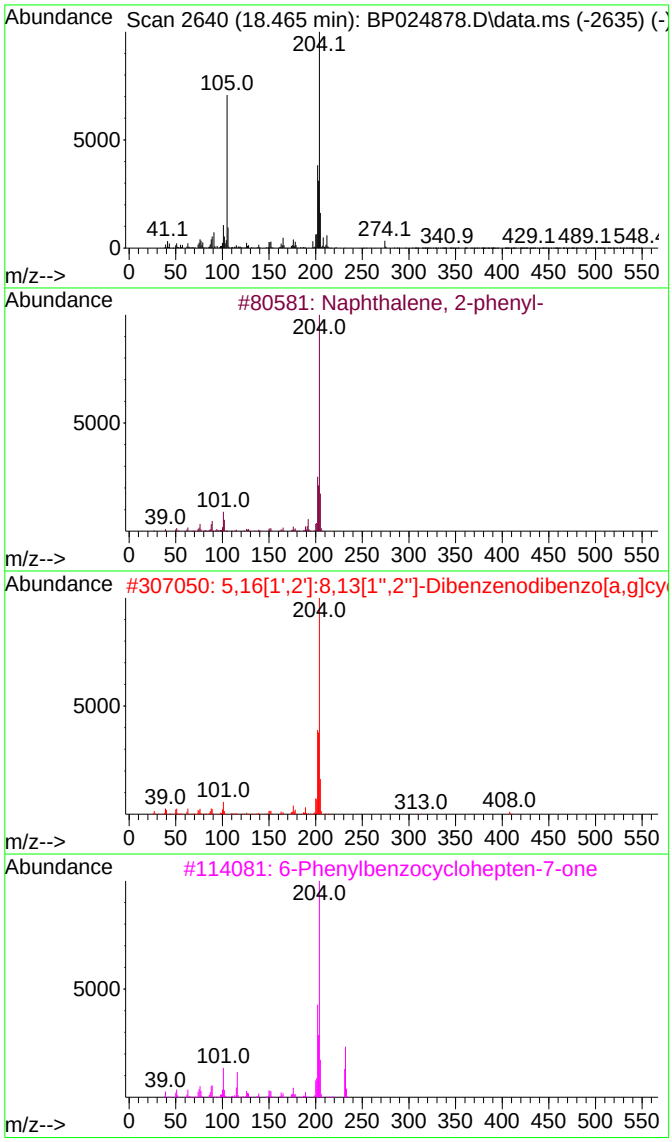
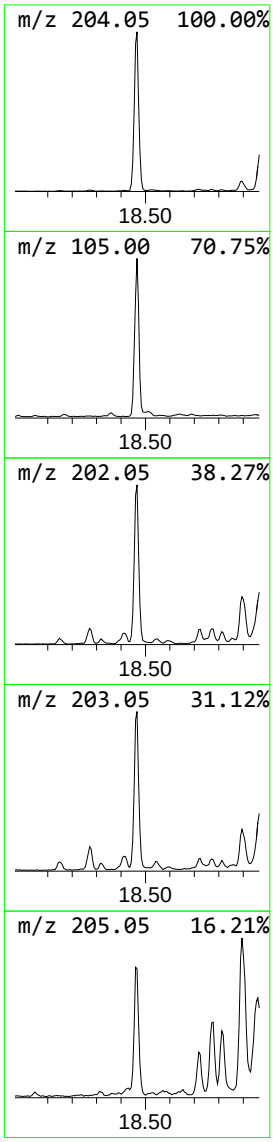
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.465	7.90 ng	2351860	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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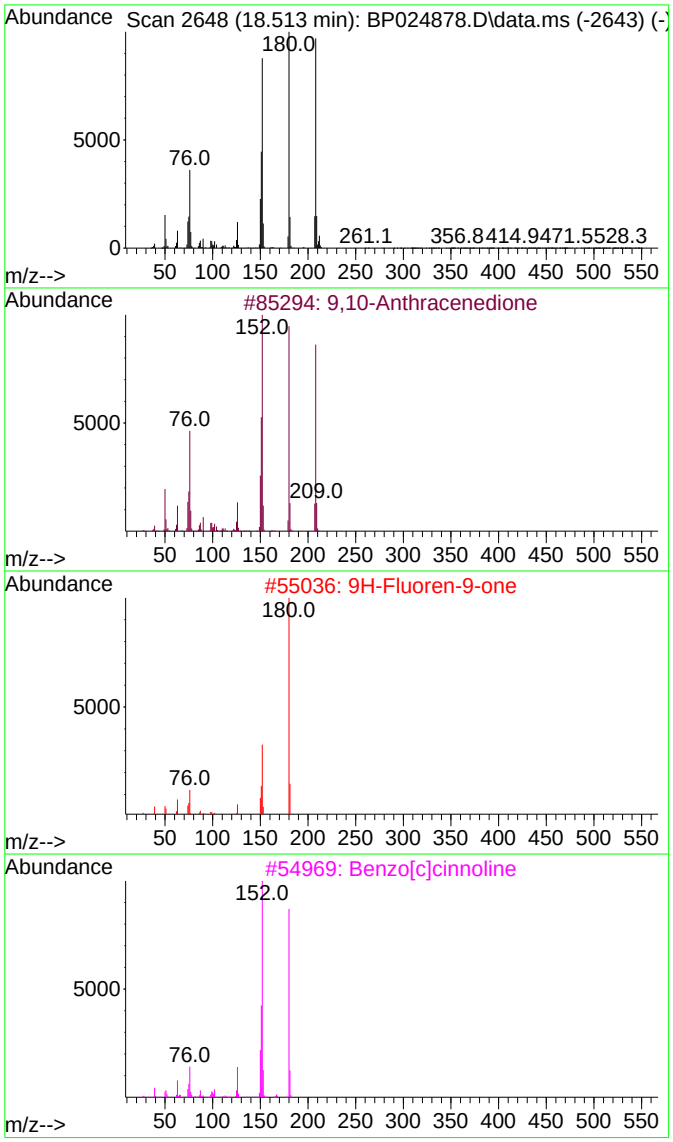
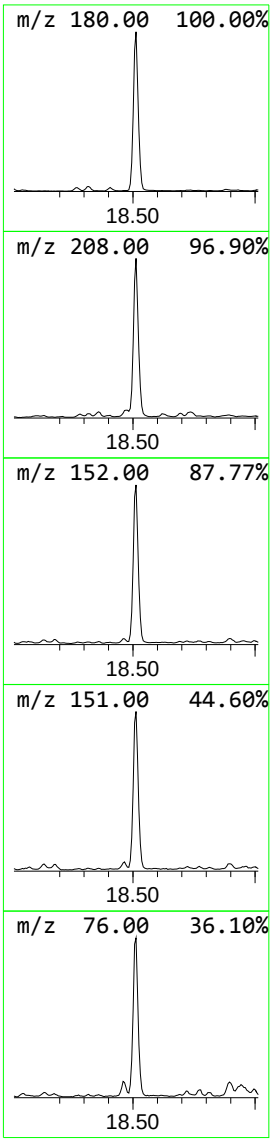
Peak Number 10 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.513	15.58 ng	4635010	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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ClientSampleId :
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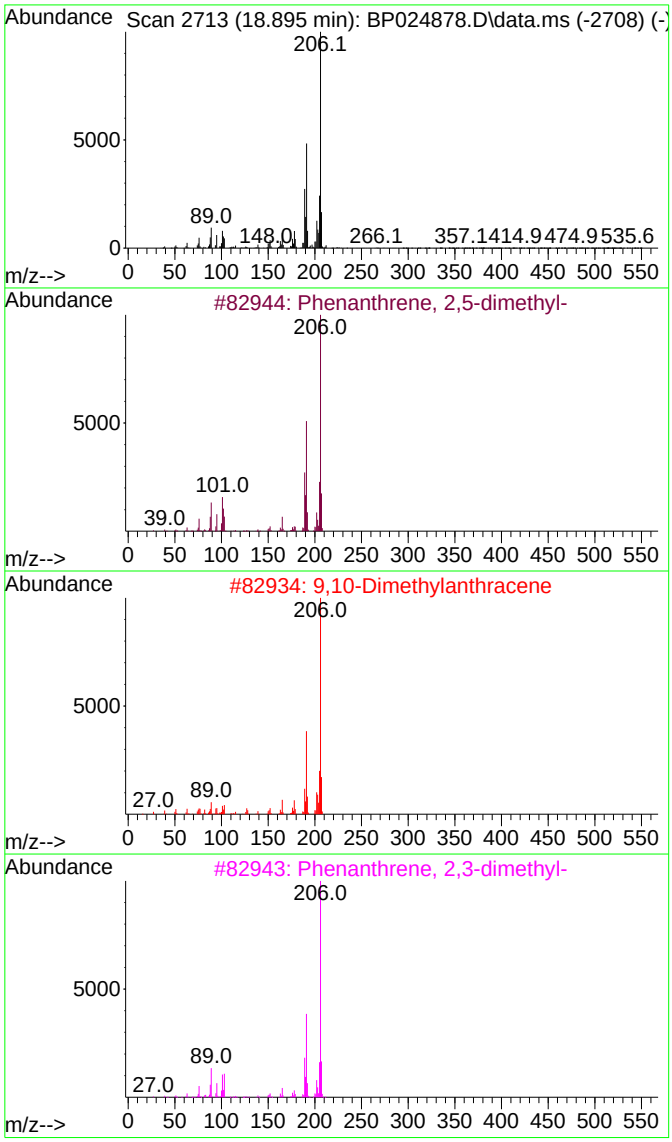
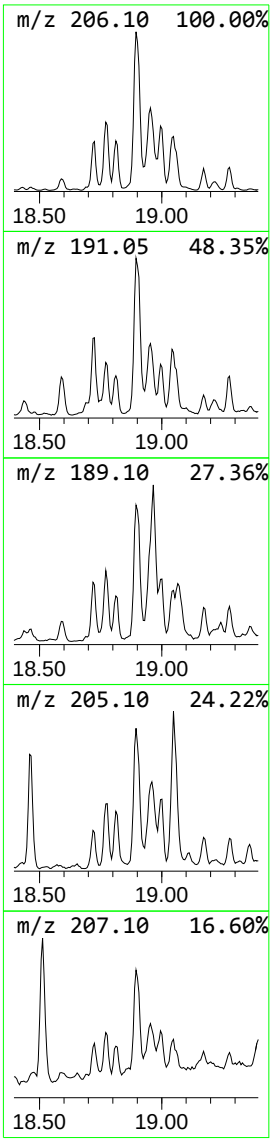
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.895	6.91 ng	2055660	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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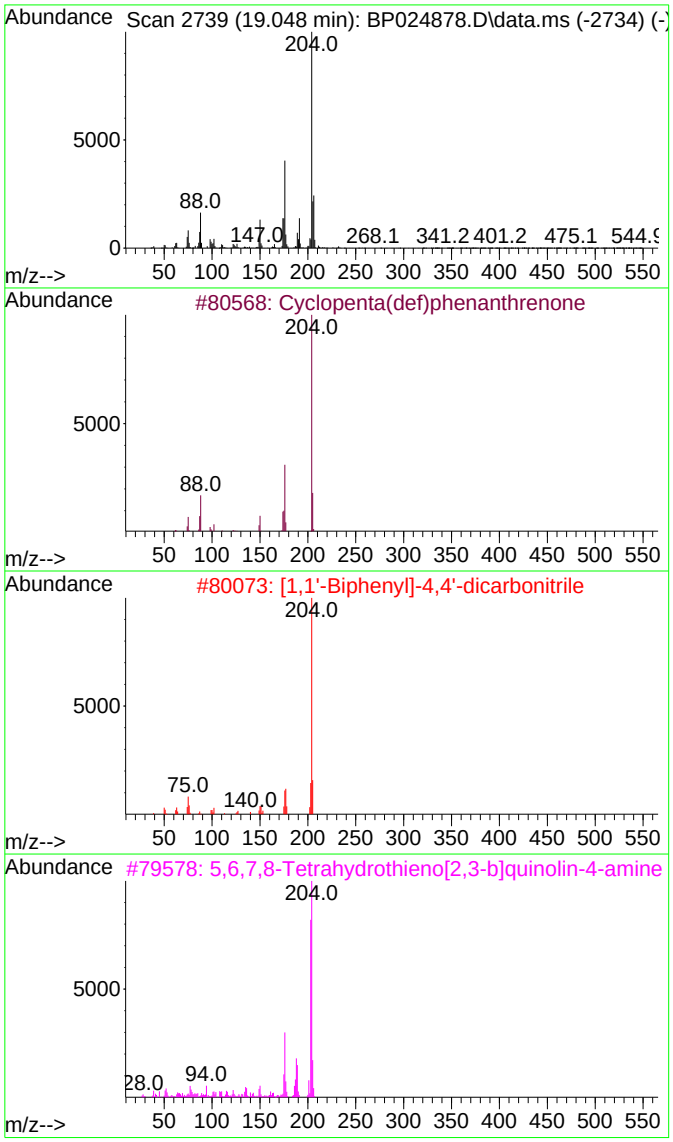
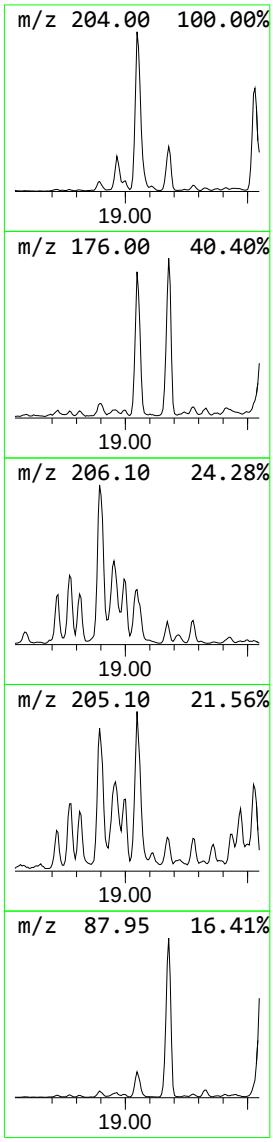
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.048	8.92 ng	2655160	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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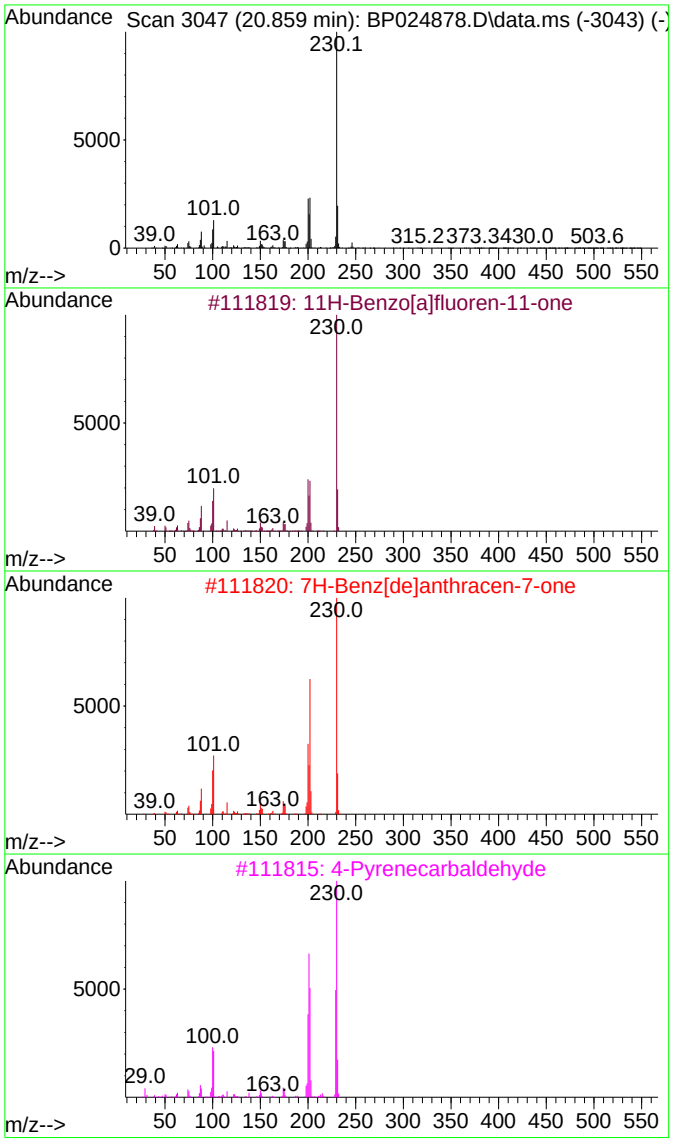
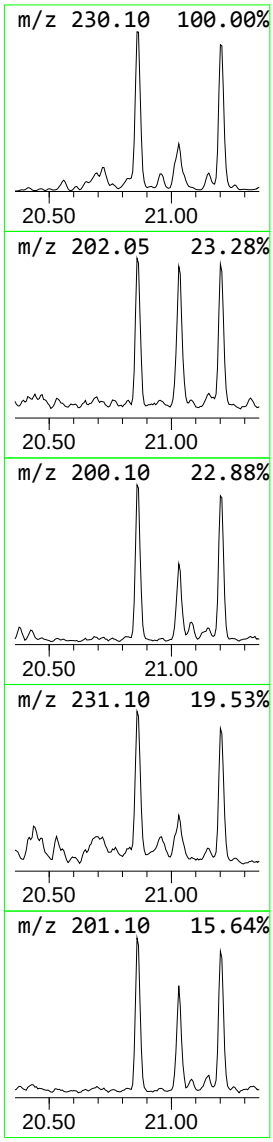
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.860	3.04 ng	2747150	Chrysene-d12	21.471

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	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	86
4	o-Terphenyl	230	C18H14	000084-15-1	64
5	6,6-Diphenylfulvene	230	C18H14	002175-90-8	64





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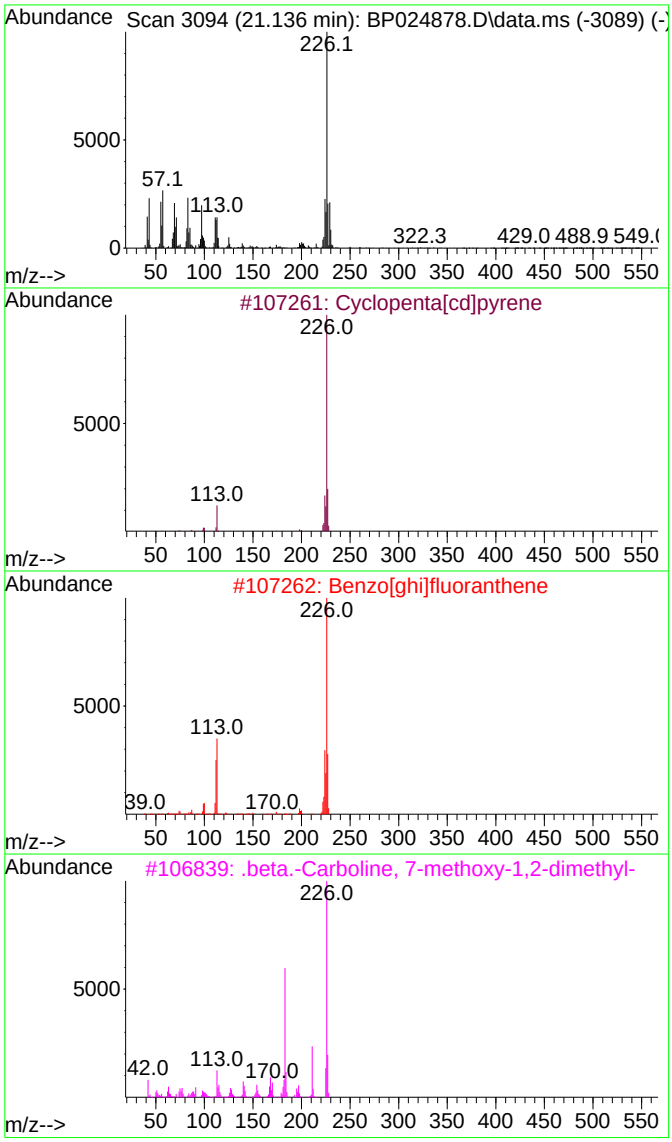
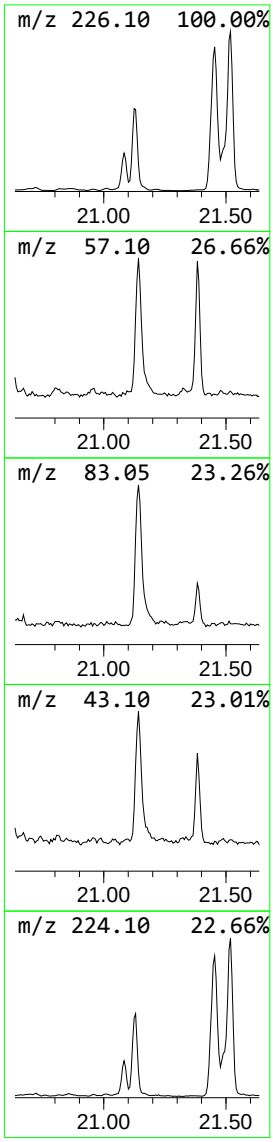
Peak Number 14 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.136	4.36 ng	3938460	Chrysene-d12	21.471

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	40
5	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	38





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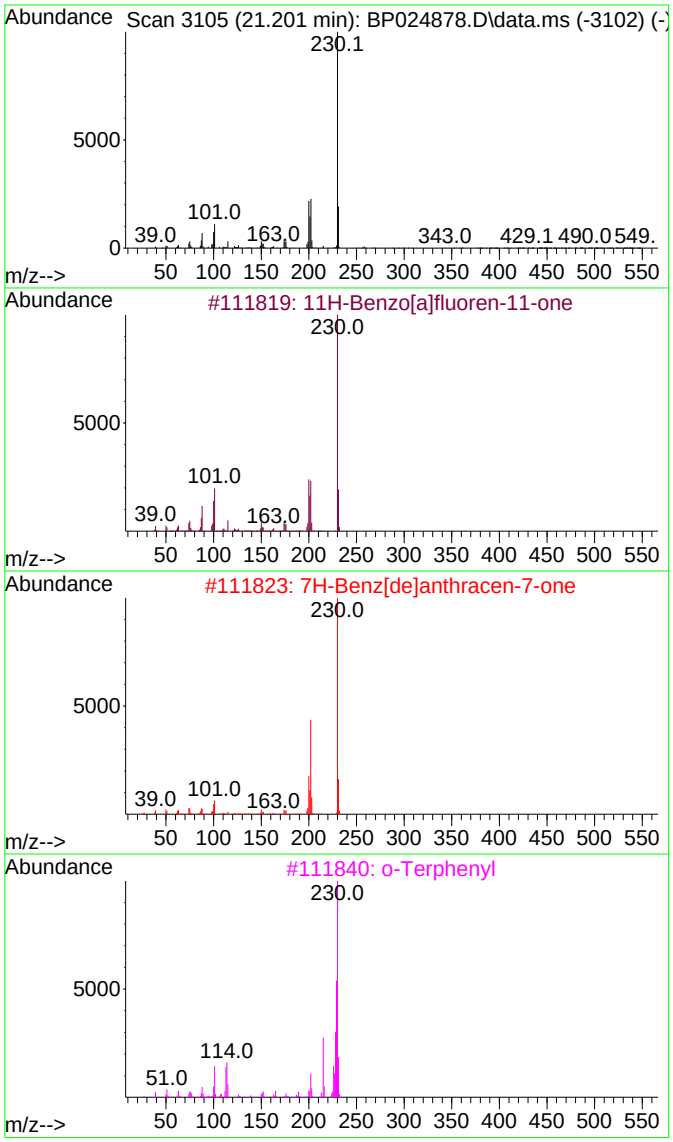
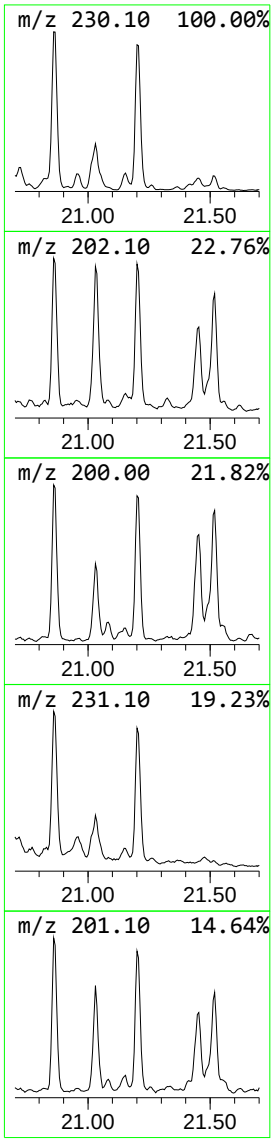
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.201	3.05 ng	2759580	Chrysene-d12	21.471

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	o-Terphenyl	230	C18H14	000084-15-1	59
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58





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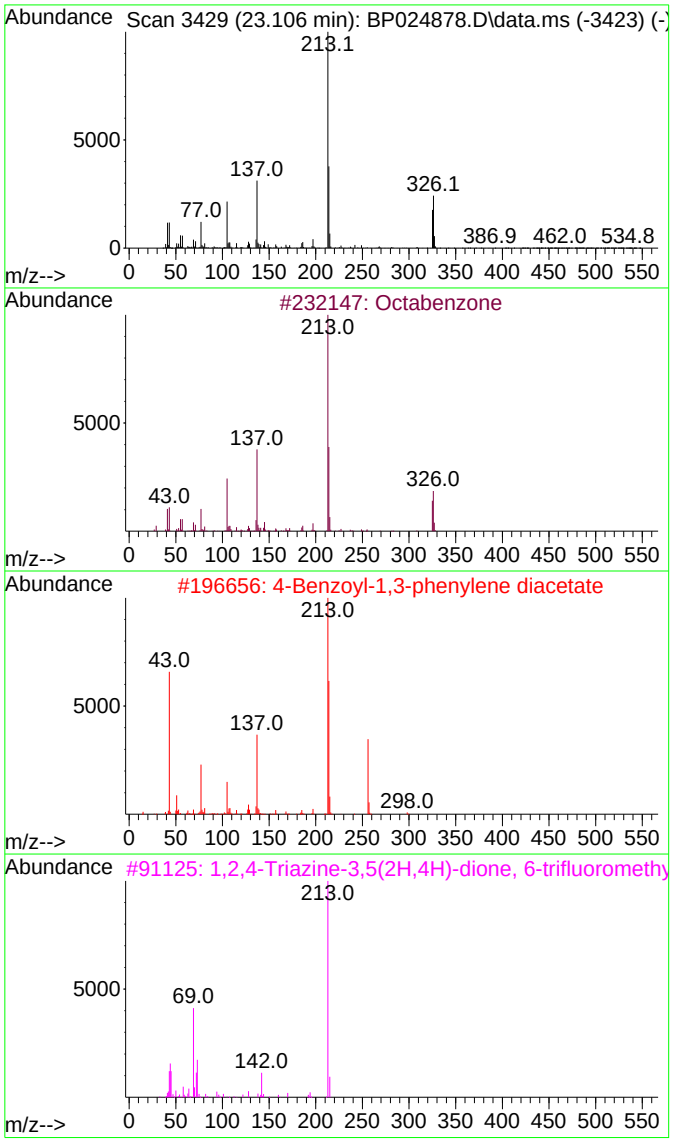
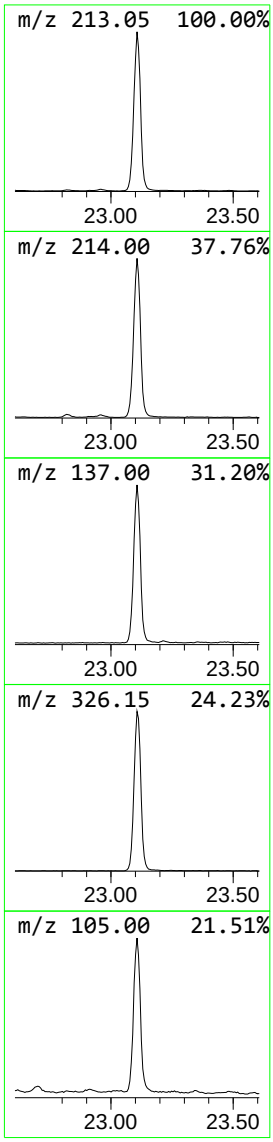
Peak Number 16 Octabenzone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.106	38.80 ng	9449850	Perylene-d12	24.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octabenzone	326	C21H26O3	001843-05-6	99
2	4-Benzoyl-1,3-phenylene diacetate	298	C17H14O5	1000385-78-2	43
3	1,2,4-Triazine-3,5(2H,4H)-dione,...	213	C4H2F3N3O2S	113307-05-4	35
4	2-(7-oxo-2,3-dihydrofuro[3,2-g]c...	328	C19H20O5	035178-20-2	23
5	Harmaline	214	C13H14N2O	000304-21-2	10





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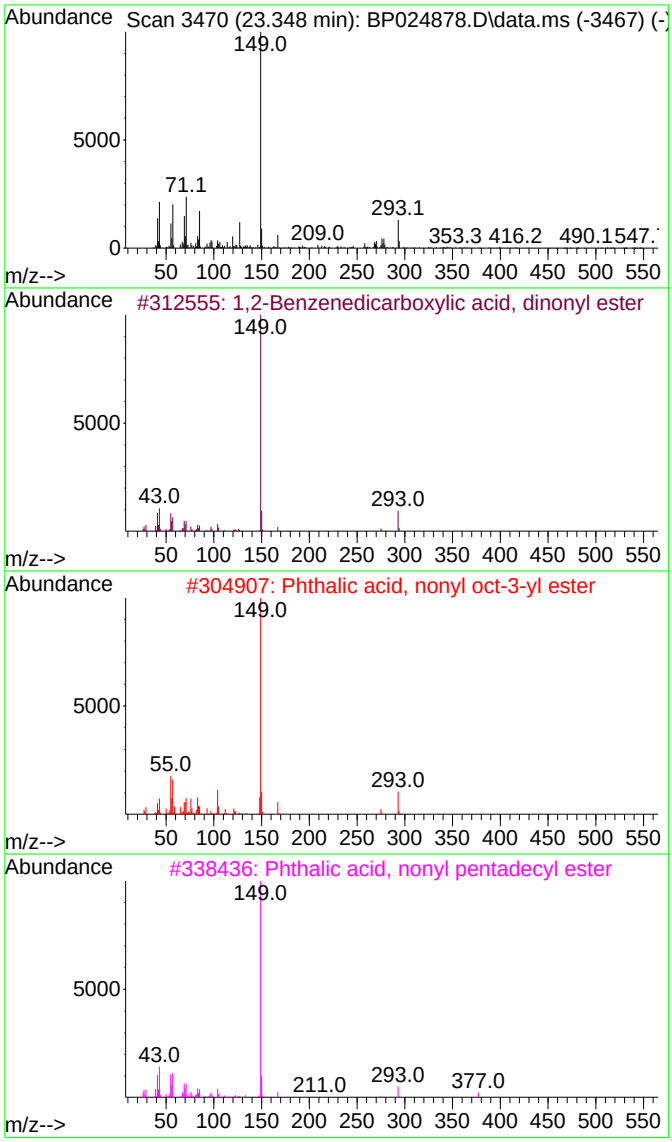
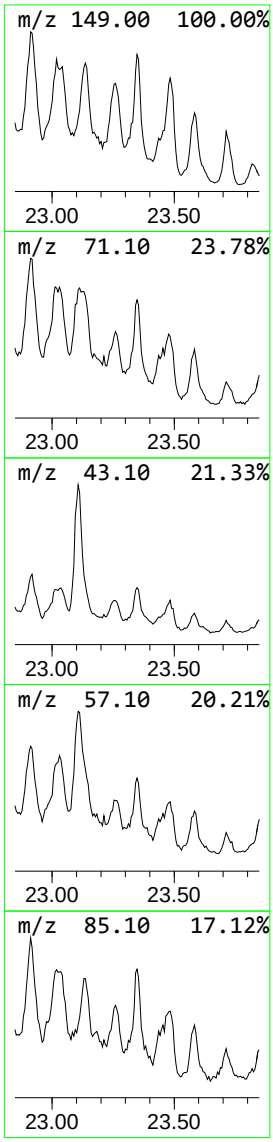
Peak Number 17 1,2-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.348	6.81 ng	1659360	Perylene-d12	24.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	52
2	Phthalic acid, nonyl oct-3-yl ester	404	C25H40O4	1010377-71-8	50
3	Phthalic acid, nonyl pentadecyl ...	502	C32H54O4	1000308-92-7	49
4	Phthalic acid, hept-2-yl isohexy...	348	C21H32O4	1000356-97-3	47
5	Phthalic acid, 2-methylpent-3-yl...	320	C19H28O4	1000356-90-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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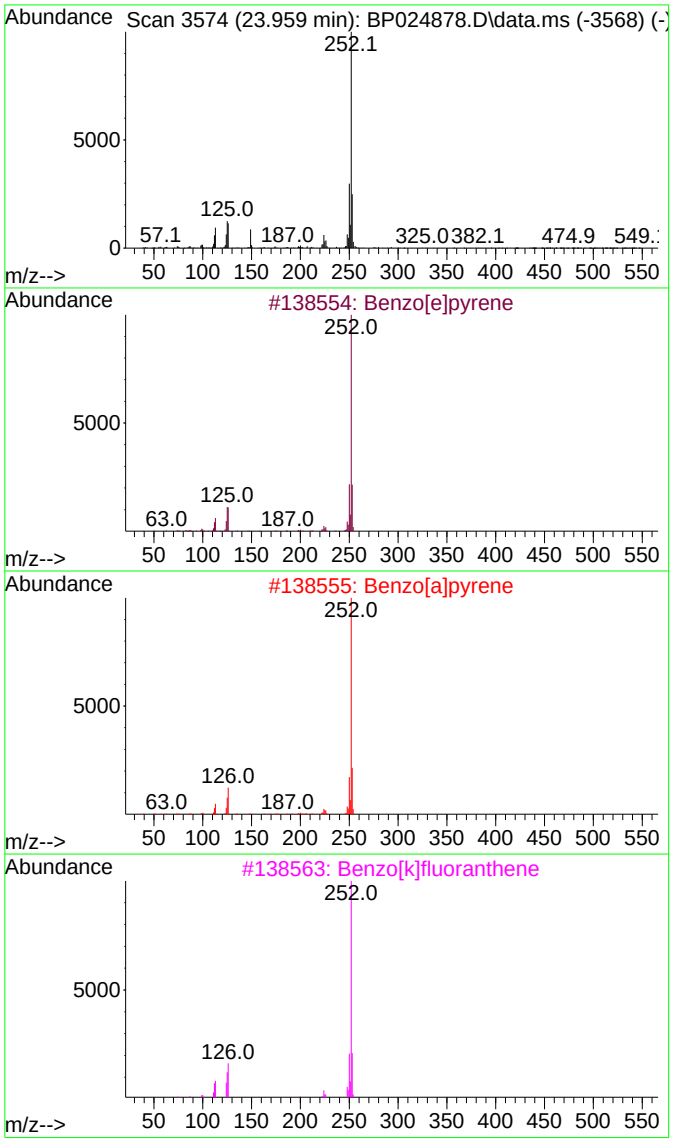
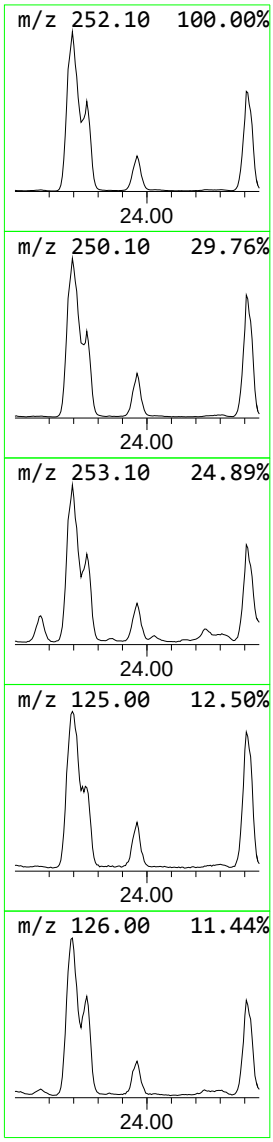
Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.959	8.41 ng	2047000	Perylene-d12	24.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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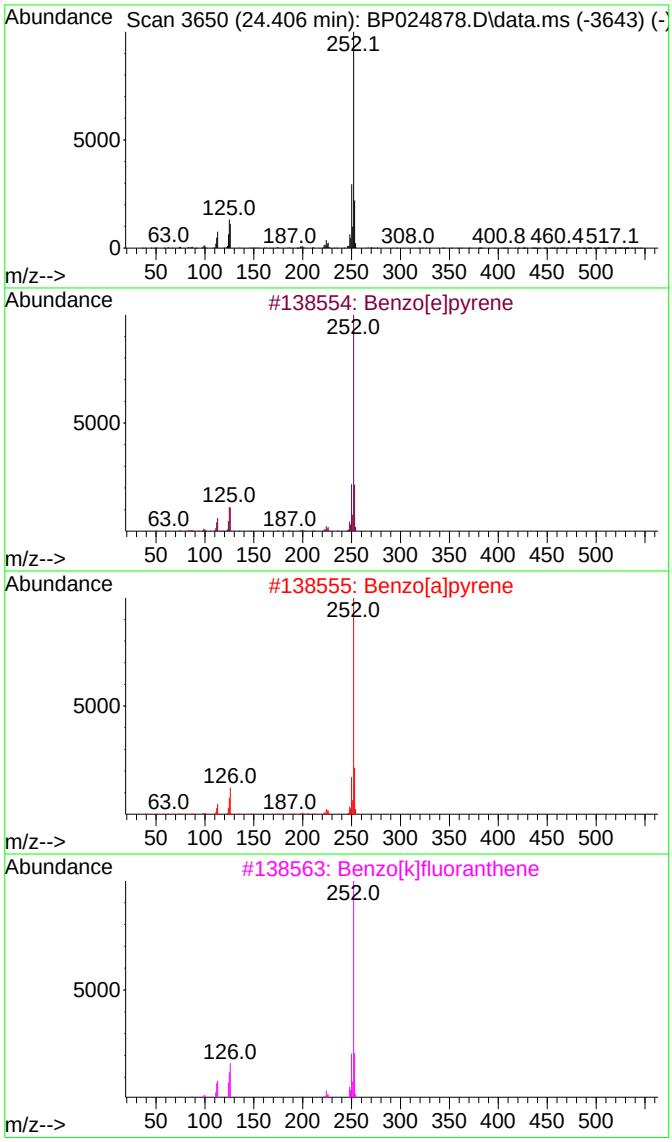
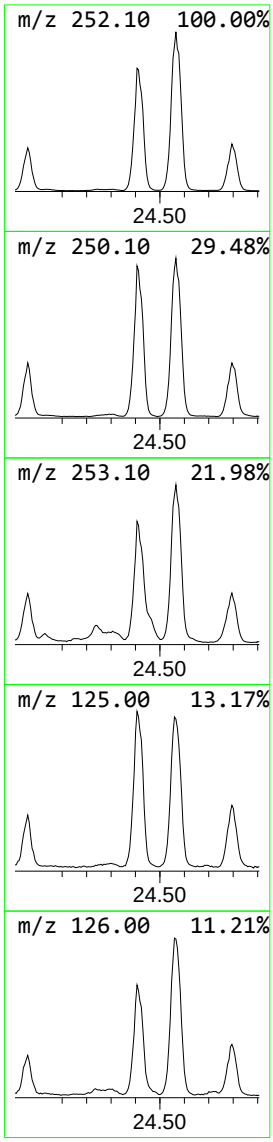
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.406	29.93 ng	7289760	Perylene-d12	24.724

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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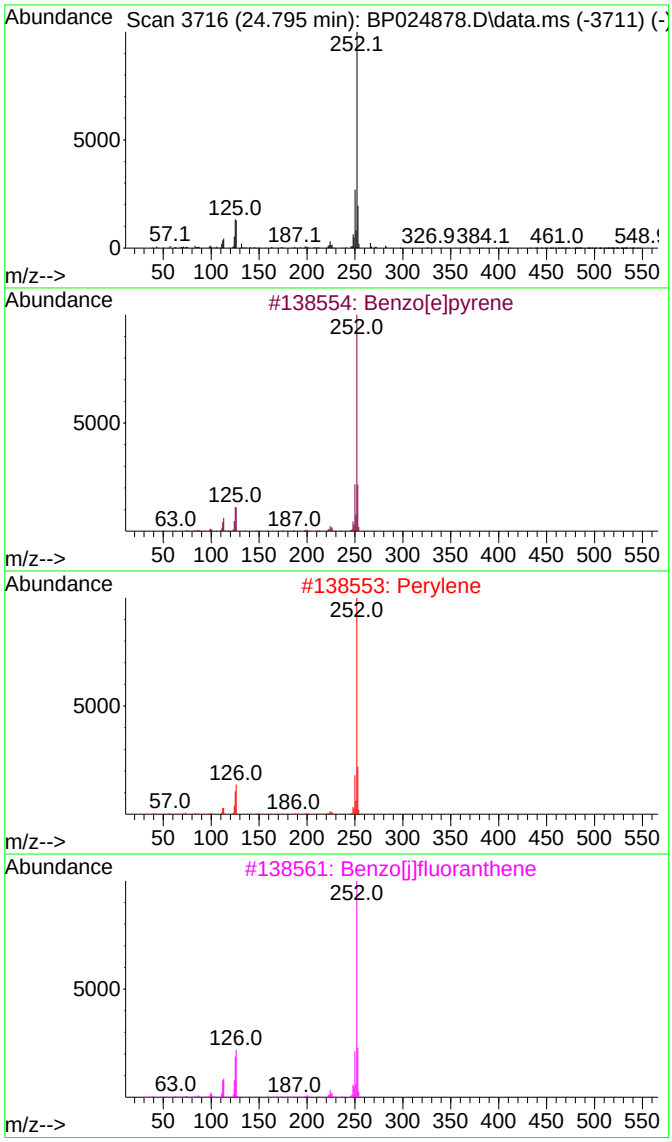
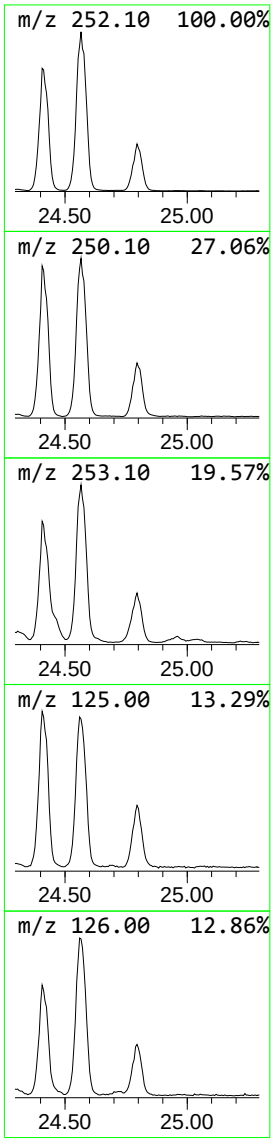
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.795	8.85 ng	2156490	Perylene-d12	24.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024878.D
Acq On : 09 Jun 2025 15:33
Operator : RC/JU
Sample : Q2218-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11934

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.778	5.8	ng	726027	1	7.607	2510300	20.0
Benzophenone	15.624	10.3	ng	2580090	3	14.242	5018690	20.0
9H-Fluoren-9-one	16.689	3.7	ng	1088700	4	17.042	5951630	20.0
Phenanthrene, 2...	17.942	8.5	ng	2526340	4	17.042	5951630	20.0
Phenanthrene, 1...	17.989	16.2	ng	4813600	4	17.042	5951630	20.0
Anthracene, 2-m...	18.077	3.6	ng	1061560	4	17.042	5951630	20.0
Naphtho[2,3-b]n...	18.136	14.4	ng	4280990	4	17.042	5951630	20.0
Phenanthrene, 4...	18.177	6.6	ng	1973920	4	17.042	5951630	20.0
Naphthalene, 2-...	18.465	7.9	ng	2351860	4	17.042	5951630	20.0
9,10-Anthracene...	18.513	15.6	ng	4635010	4	17.042	5951630	20.0
Phenanthrene, 2...	18.895	6.9	ng	2055660	4	17.042	5951630	20.0
Cyclopenta(def)...	19.048	8.9	ng	2655160	4	17.042	5951630	20.0
11H-Benzo[a]flu...	20.860	3.0	ng	2747150	5	21.471	18074800	20.0
Cyclopenta[cd]p...	21.136	4.4	ng	3938460	5	21.471	18074800	20.0
7H-Benz[de]anth...	21.201	3.0	ng	2759580	5	21.471	18074800	20.0
Octabenzone	23.106	38.8	ng	9449850	6	24.724	4870780	20.0
1,2-Benzenedica...	23.348	6.8	ng	1659360	6	24.724	4870780	20.0
Benzo[e]pyrene	23.959	8.4	ng	2047000	6	24.724	4870780	20.0
Perylene	24.406	29.9	ng	7289760	6	24.724	4870780	20.0
Benzo[j]fluoran...	24.795	8.8	ng	2156490	6	24.724	4870780	20.0