LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019608.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	322	329	337	rBV	29592	45430	1.04%	0.078%
2	5.481	399	407	414	rBV	1174317	1776106	40.71%	3.047%
3	5.540	414	417	425	rVB	22902	50085	1.15%	0.086%
4	7.075	668	678	690	rBV	1217229	2027885	46.48%	3.479%
5	7.904	809	819	826	rBV	357139	583171	13.37%	1.001%
6	9.069	1010	1017	1027	rBV	750449	1281757	29.38%	2.199%
7	10.704	1286	1295	1301	rBV	470080	804444	18.44%	1.380%
8	13.163	1704	1713	1726	rBV	1945092	2939372	67.37%	5.043%
9	13.439	1755	1760	1768	rBV2	28341	50914	1.17%	0.087%
10	14.257	1893	1899	1908	rBV	136202	228364	5.23%	0.392%
11	14.534	1939	1946	1953	rBV	691423	1065940	24.43%	1.829%
12	15.586	2120	2125	2129	rBV2	31953	52170	1.20%	0.090%
13	15.881	2170	2175	2186	rVB3	35045	63274	1.45%	0.109%
14	16.028	2192	2200	2209	rBV	1651403	2406315	55.15%	4.128%
15	16.263	2235	2240	2249	rBV2	44404	78592	1.80%	0.135%
16	16.598	2287	2297	2301	rBV6	29234	70532	1.62%	0.121%
17	16.863	2339	2342	2346	rVB3	37718	48765	1.12%	0.084%
18	16.945	2352	2356	2363	rVB3	37429	63006	1.44%	0.108%
19	17.022	2364	2369	2373	rBV	42567	70172	1.61%	0.120%
20	17.110	2379	2384	2393	rVB	55773	104781	2.40%	0.180%
21	17.292	2409	2415	2418	rBV	858373	1266273	29.02%	2.172%
22	17.333	2418	2422	2428	rVV	1028741	1433984	32.87%	2.460%
23	17.422	2432	2437	2443	rVV	359674	516527	11.84%	0.886%
24	17.480	2443	2447	2453	rVV4	37462	66739	1.53%	0.115%
25	17.698	2480	2484	2487	rBV	32507	45839	1.05%	0.079%
26	17.816	2500	2504	2509	rBV2	32422	53623	1.23%	0.092%
27	17.869	2510	2513	2521	rVB6	33906	57253	1.31%	0.098%
28	18.157	2558	2562	2565	rBV	163929	240682	5.52%	0.413%
29	18.198	2565	2569	2578	rVV2	380567	698496	16.01%	1.198%
30	18.280	2579	2583	2588	rVV	139886	202725	4.65%	0.348%
31	18.345	2588	2594	2598	rVV2	216603	442300	10.14%	0.759%
32	18.380	2598	2600	2607	rVB	123659	150396	3.45%	0.258%
33	18.645	2641	2645	2649	rBV	145184	188563	4.32%	0.324%
34	18.686	2649	2652	2657	rVB	76594	99732	2.29%	0.171%
35	18.880	2682	2685	2689	rVB2	54591	59783	1.37%	0.103%
36	18.927	2690	2693	2696	rBV	48506	56119	1.29%	0.096%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.969	2697	2700	2704	rVB	57137	64926	1.49%	0.111%
38	19.045	2708	2713	2717	rBV	152616	241069	5.52%	0.414%
39	19.104	2719	2723	2726	rBV3	58320	92410	2.12%	0.159%
40	19.180	2732	2736	2744	rVB	158897	238580	5.47%	0.409%
41	19.304	2751	2757	2762	rBV	2778791	3638856	83.40%	6.243%
42	19.427	2775	2778	2785	rVB2	111246	230182	5.28%	0.395%
43	19.533	2793	2796	2799	rBV	66045	89178	2.04%	0.153%
44	19.627	2807	2812	2813	rBV	450938	627491	14.38%	1.077%
45	19.657	2813	2817	2825	rVV	2234770	3058913	70.11%	5.248%
46	19.721	2825	2828	2835	rVB2	128907	223218	5.12%	0.383%
47	19.857	2842	2851	2862	rVB	3112866	4363240	100.00%	7.486%
48	19.980	2865	2872	2878	rBV2	181090	465787	10.68%	0.799%
49	20.098	2888	2892	2895	rBV5	140895	253276	5.80%	0.435%
50	20.139	2895	2899	2903	rVB	294945	418656	9.60%	0.718%
51	20.233	2912	2915	2919	rBV	150672	192672	4.42%	0.331%
52	20.292	2919	2925	2929	rVV2	269138	445538	10.21%	0.764%
53	20.427	2945	2948	2951	rBV	126437	138556	3.18%	0.238%
54	20.474	2952	2956	2960	rBV2	120718	175711	4.03%	0.301%
55	20.868	3019	3023	3029	rVB	355858	455572	10.44%	0.782%
56	21.033	3045	3051	3054	rBV2	262269	446636	10.24%	0.766%
57	21.068	3054	3057	3060	rVV	213839	259903	5.96%	0.446%
58	21.110	3060	3064	3069	rVV3	342314	564437	12.94%	0.968%
59	21.163	3069	3073	3079	rVB2	270244	391176	8.97%	0.671%
60	21.374	3103	3109	3114	rBV2	2095233	4092237	93.79%	7.021%
61	21.421	3114	3117	3128	rVB	1422004	2015760	46.20%	3.458%
62	21.545	3134	3138	3140	rBV	204628	311787	7.15%	0.535%
63	21.963	3206	3209	3214	rVB	290229	413673	9.48%	0.710%
64	22.021	3216	3219	3225	rVB	159731	227369	5.21%	0.390%
65	23.068	3390	3397	3402	rBV	1346851	3328944	76.30%	5.711%
66	23.251	3423	3428	3434	rBV	308236	608261	13.94%	1.044%
67	23.592	3481	3486	3495	rVB	784848	1769305	40.55%	3.036%
68	23.698	3497	3504	3513	rVB	1231812	2563344	58.75%	4.398%
69	23.804	3515	3522	3527	rVV	668598	1551923	35.57%	2.663%
70	23.857	3528	3531	3548	rVB3	442978	1088229	24.94%	1.867%
71	26.327	3942	3951	3963	rVB2	648049	2091442	47.93%	3.588%
72	27.098	4074	4082	4102	rVB2	498904	1758541	40.30%	3.017%

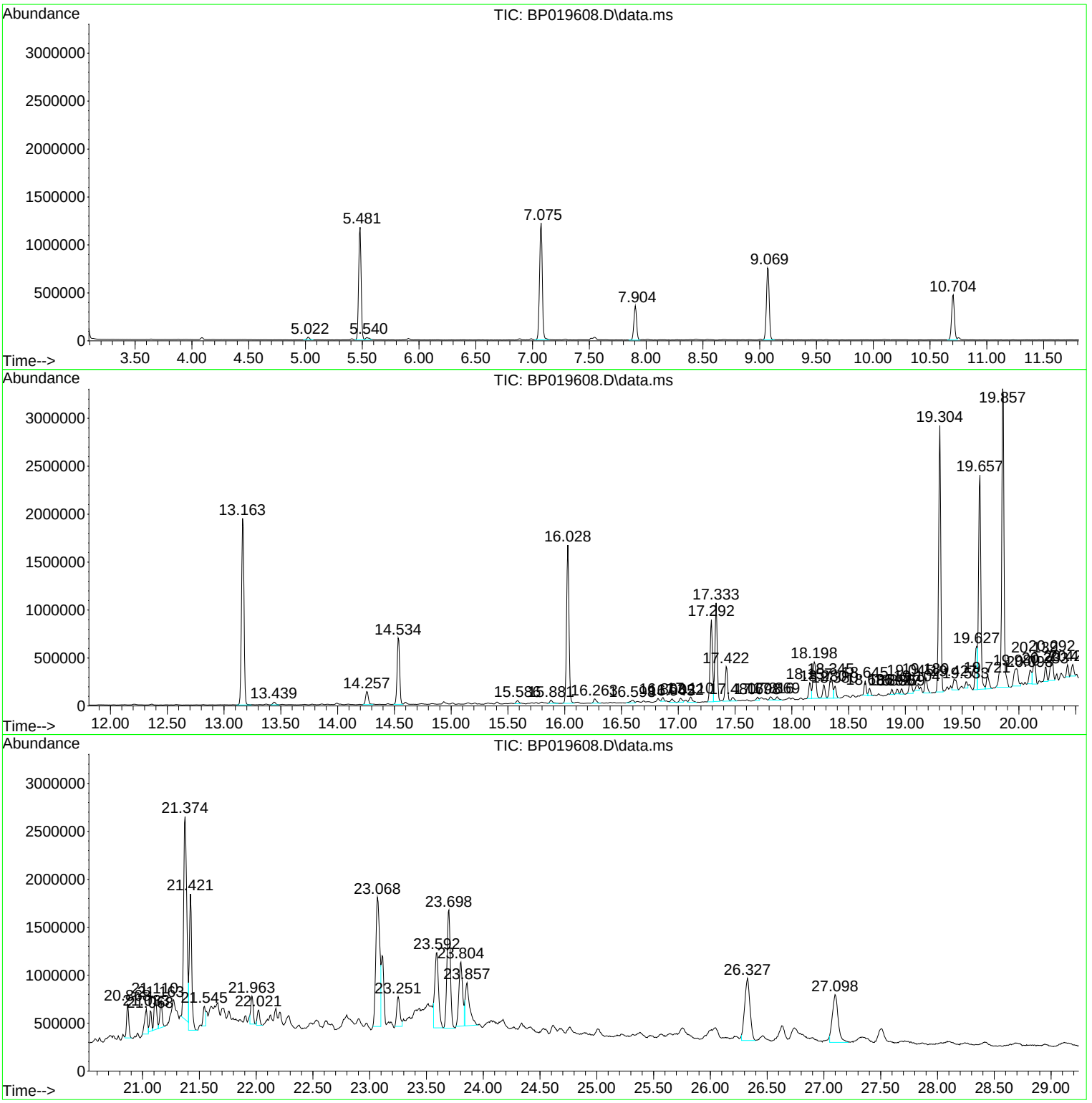
Sum of corrected areas: 58286907

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

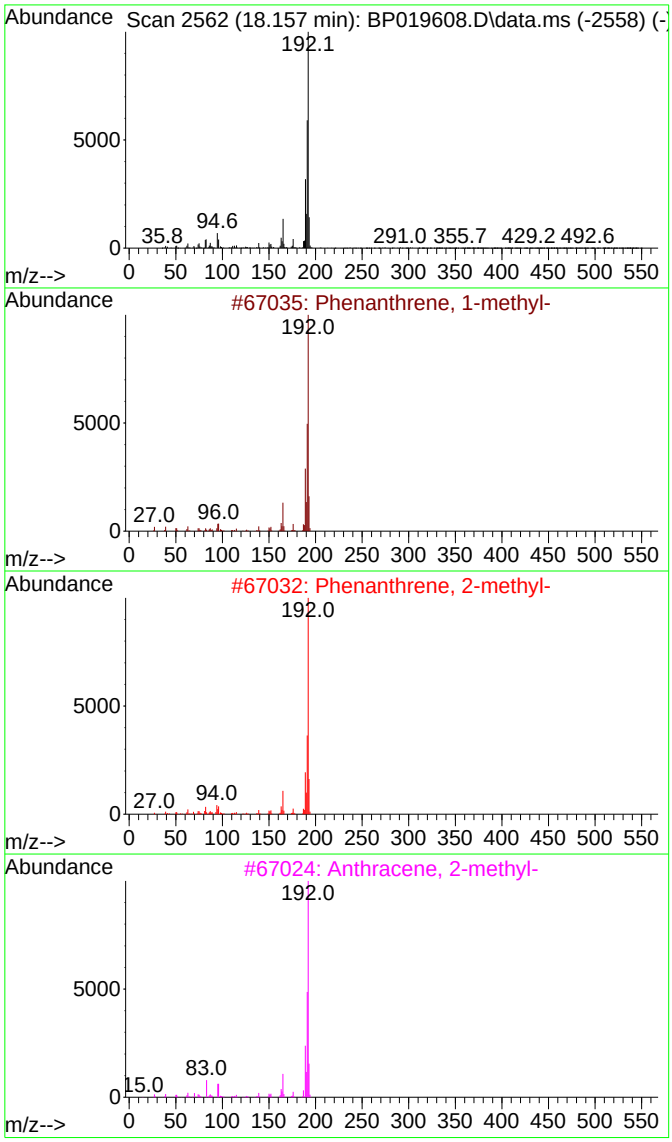
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

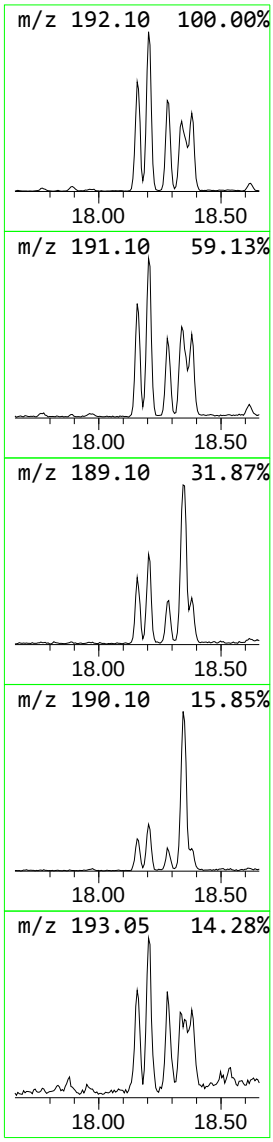
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	3.80 ng	240682	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

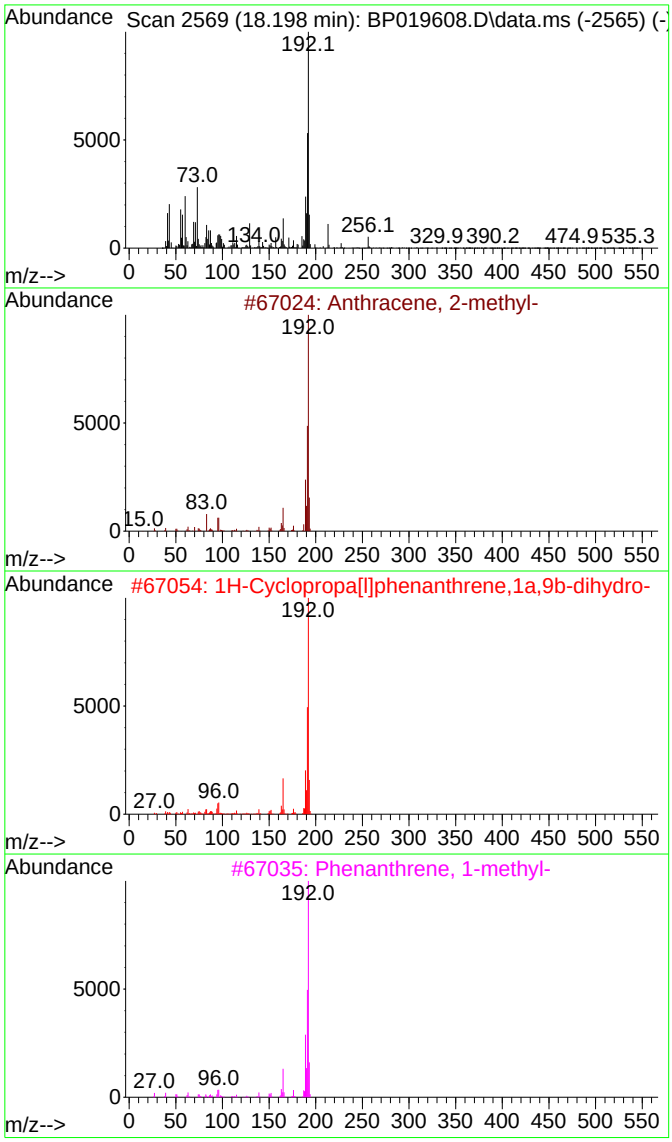
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

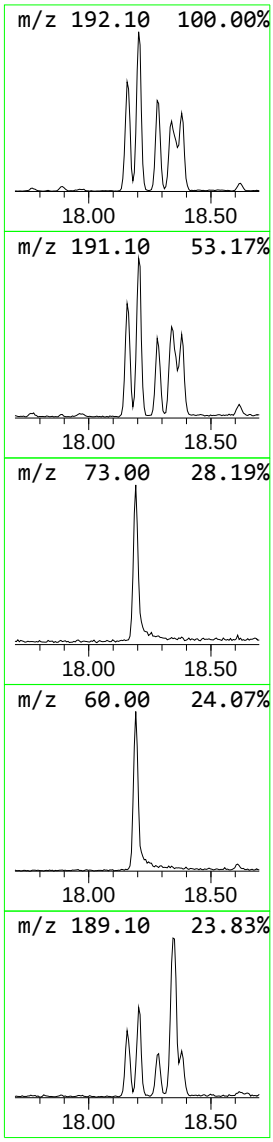
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	11.03 ng	698496	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

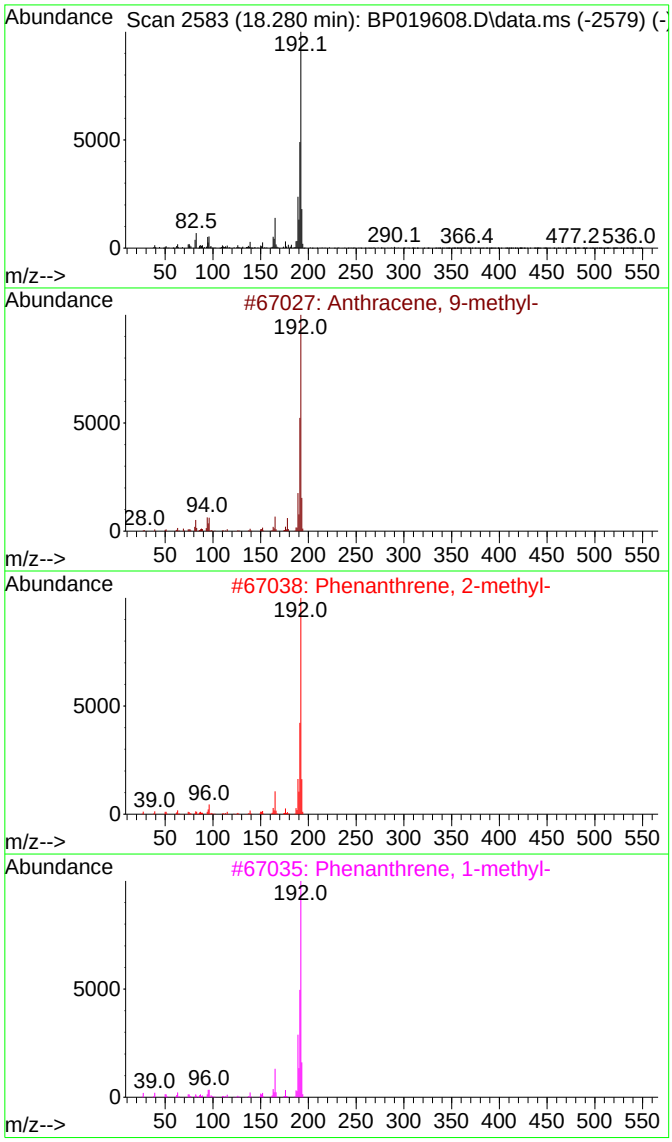
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

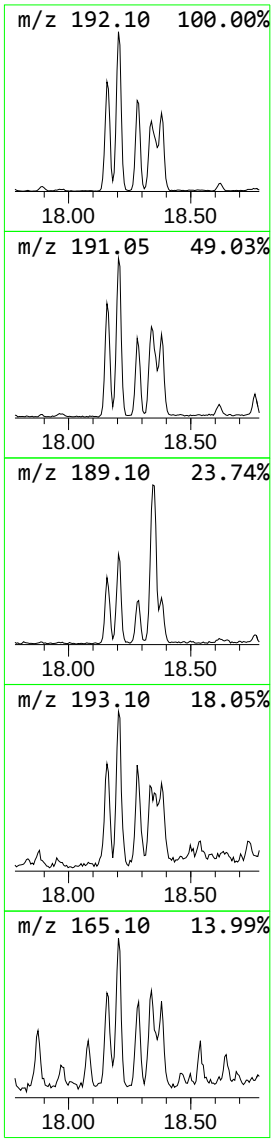
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	3.20 ng	202725	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

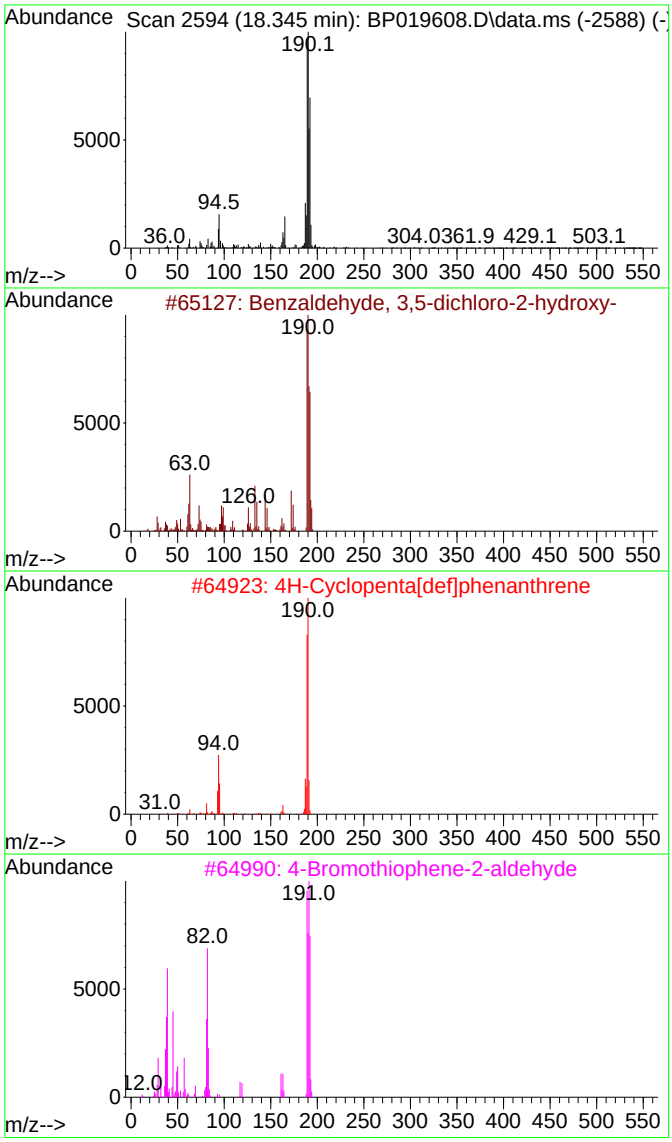
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

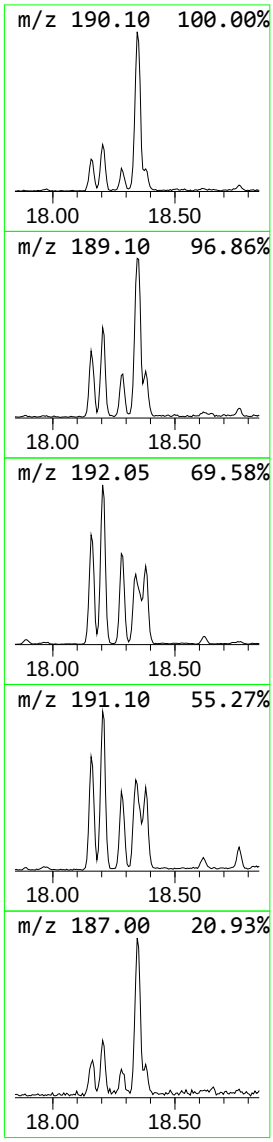
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	6.99 ng	442300	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	41
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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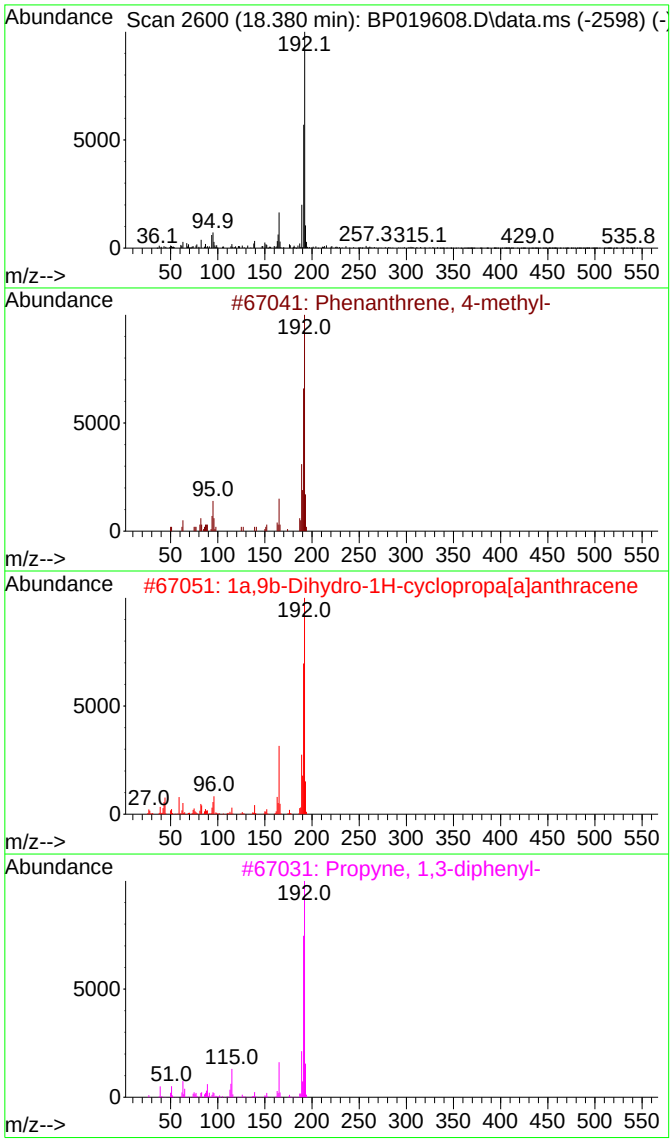
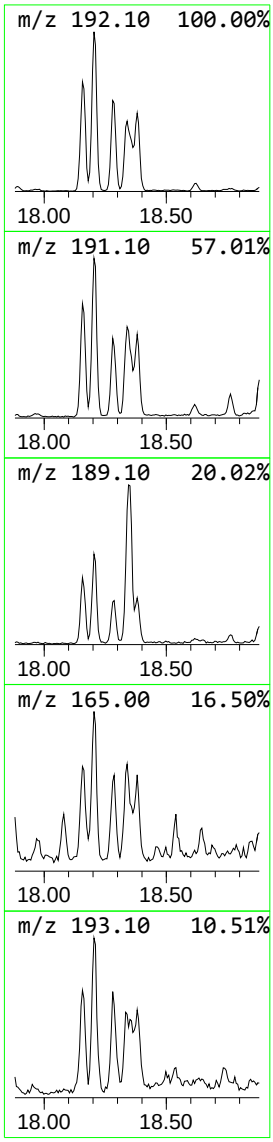
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	2.38 ng	150396	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	72
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	72
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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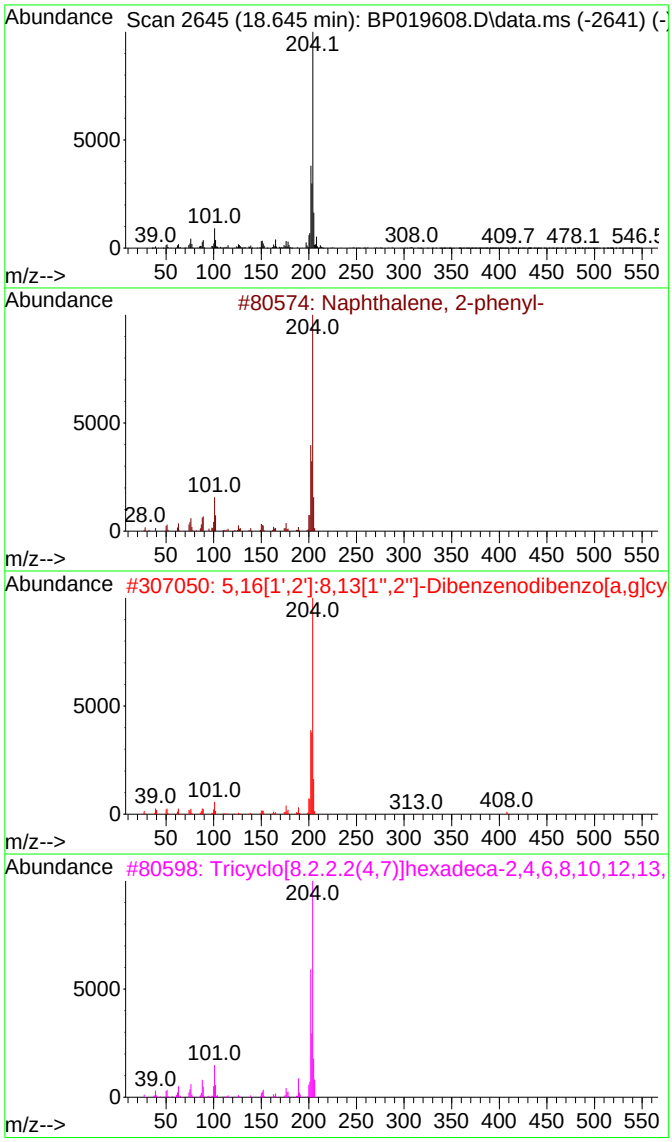
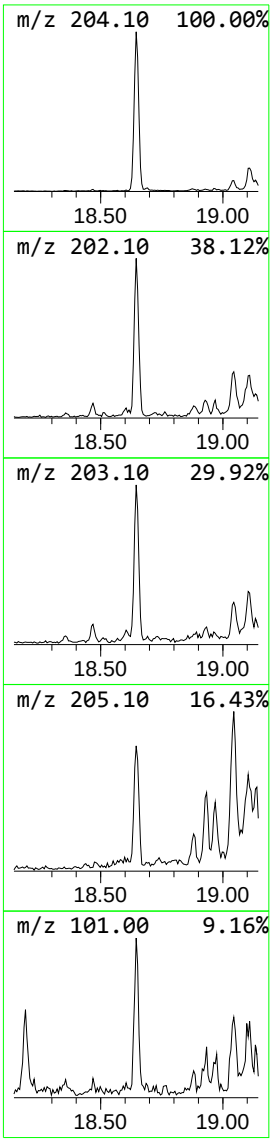
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	2.98 ng	188563	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

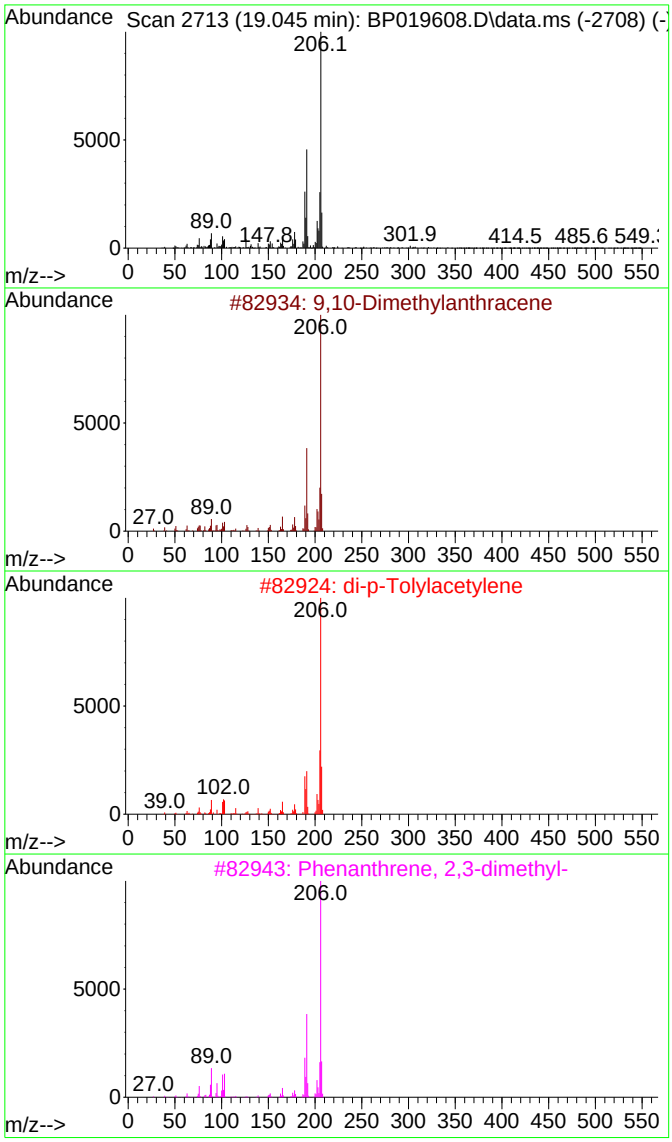
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

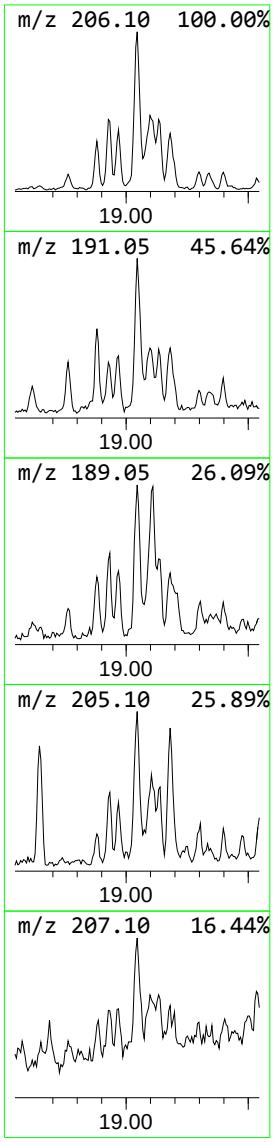
****

Peak Number 7 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	3.81 ng	241069	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





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Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 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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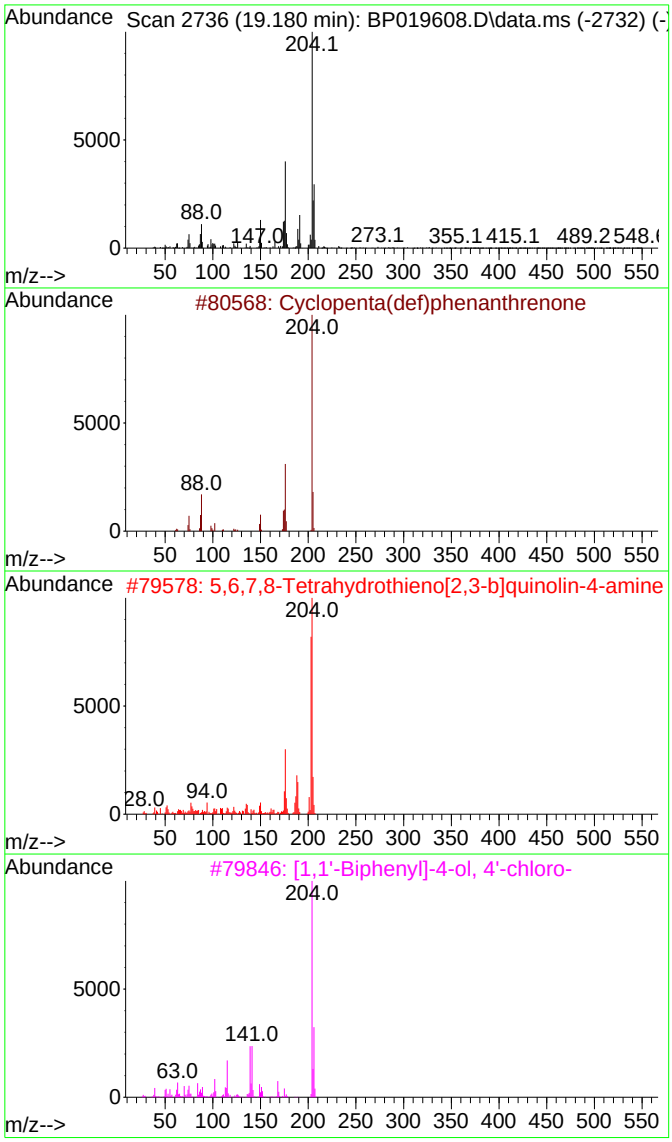
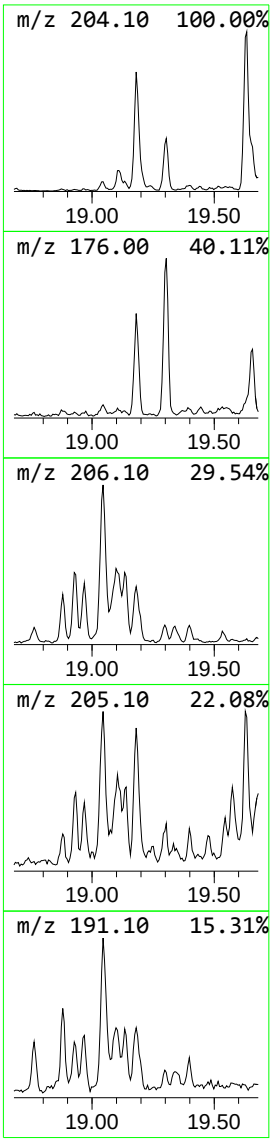
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	3.77 ng	238580	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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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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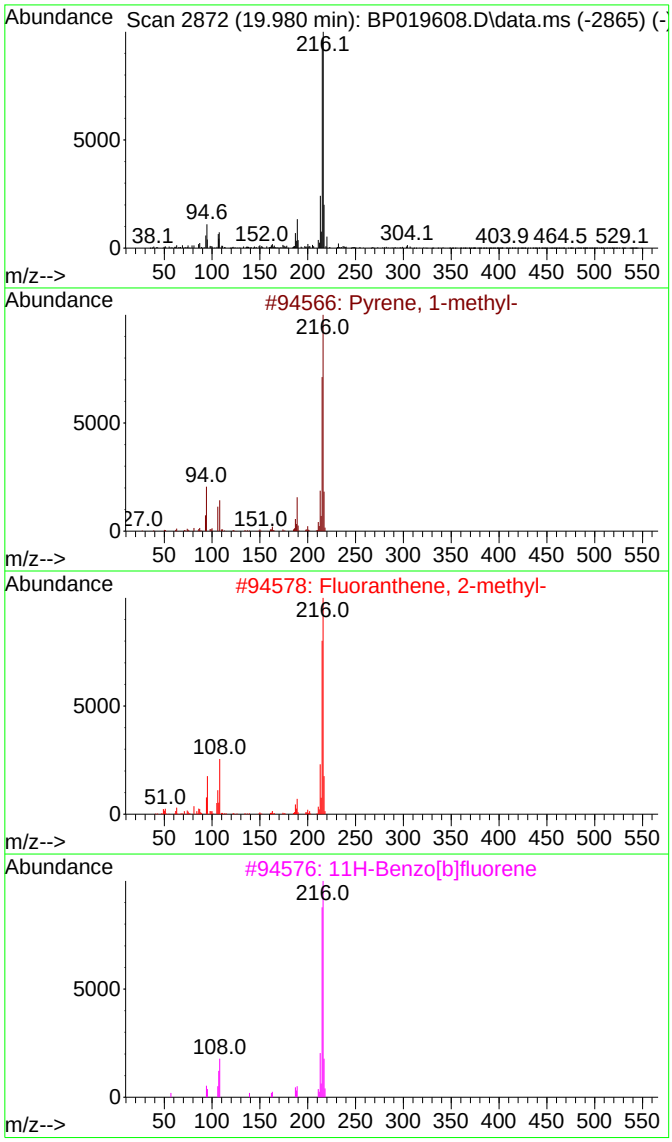
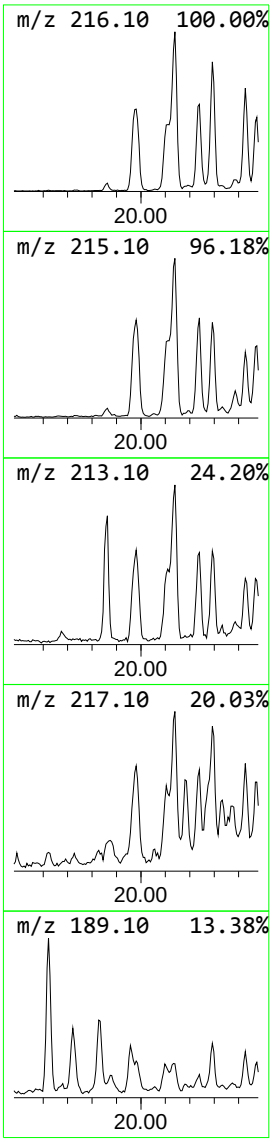
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	2.28 ng	465787	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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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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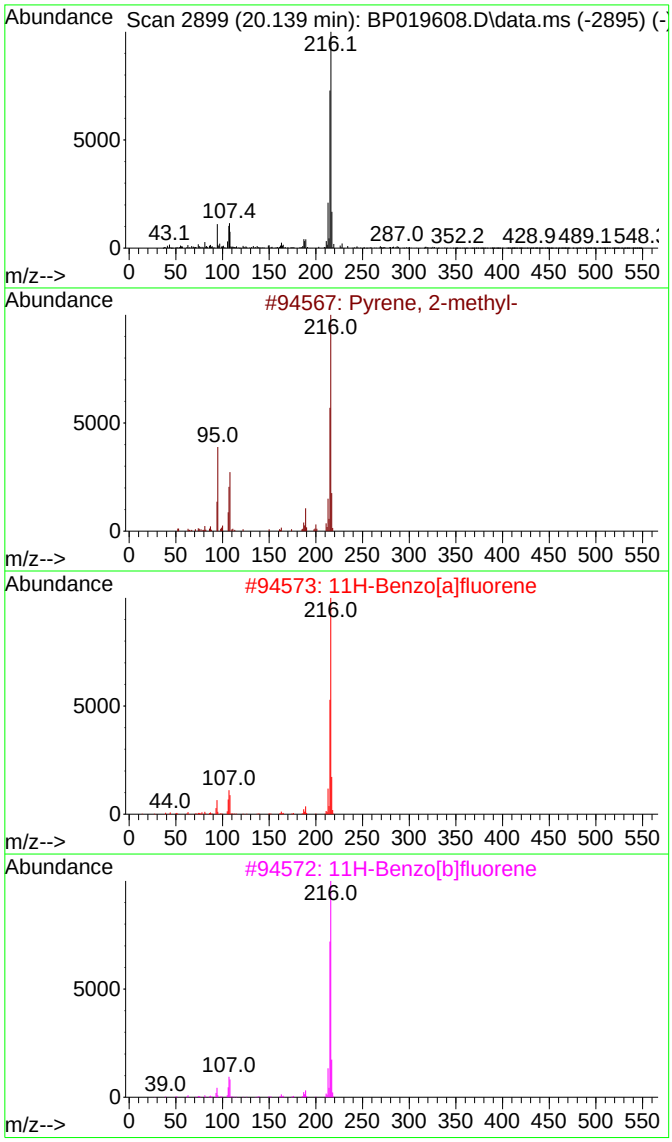
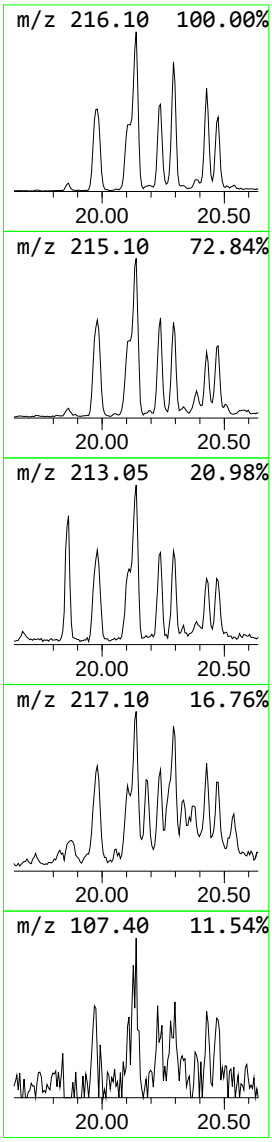
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	2.05 ng	418656	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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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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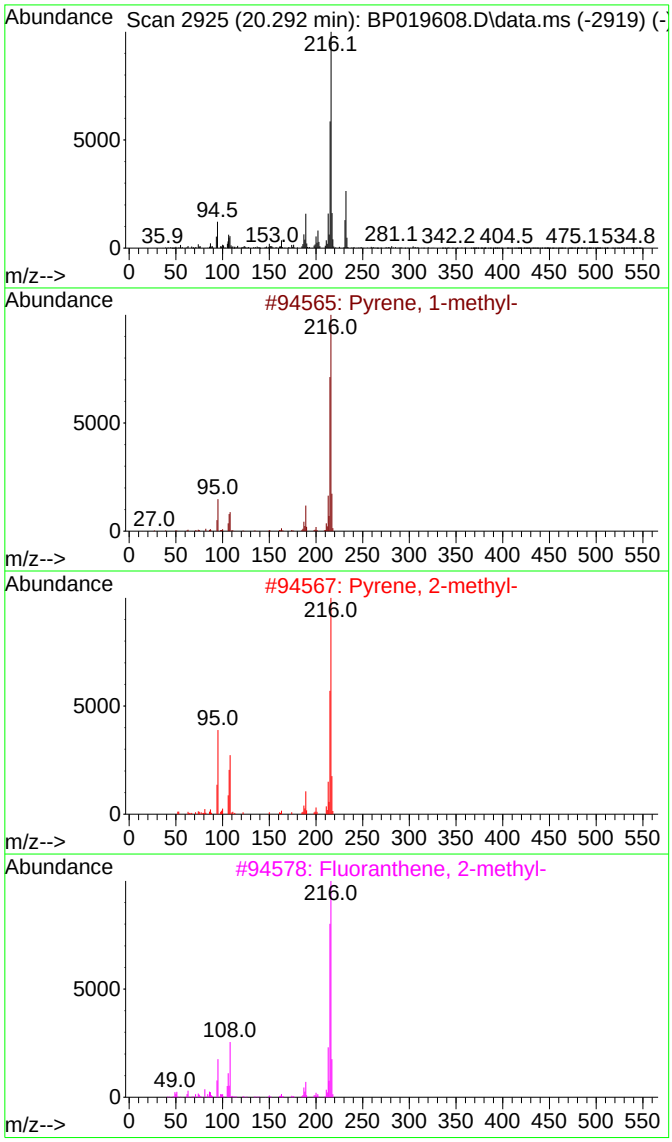
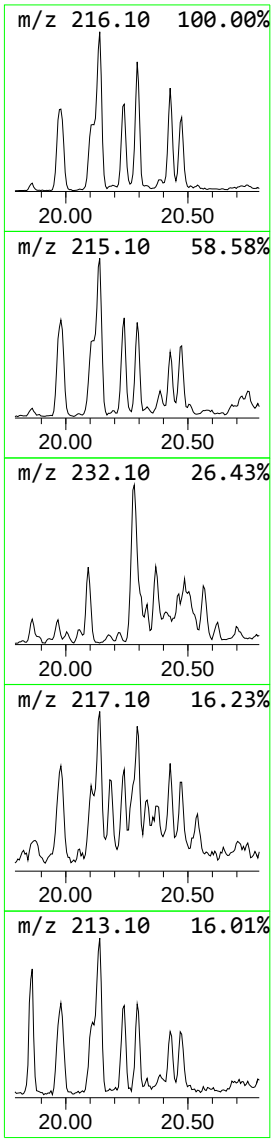
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.292	2.18 ng	445538	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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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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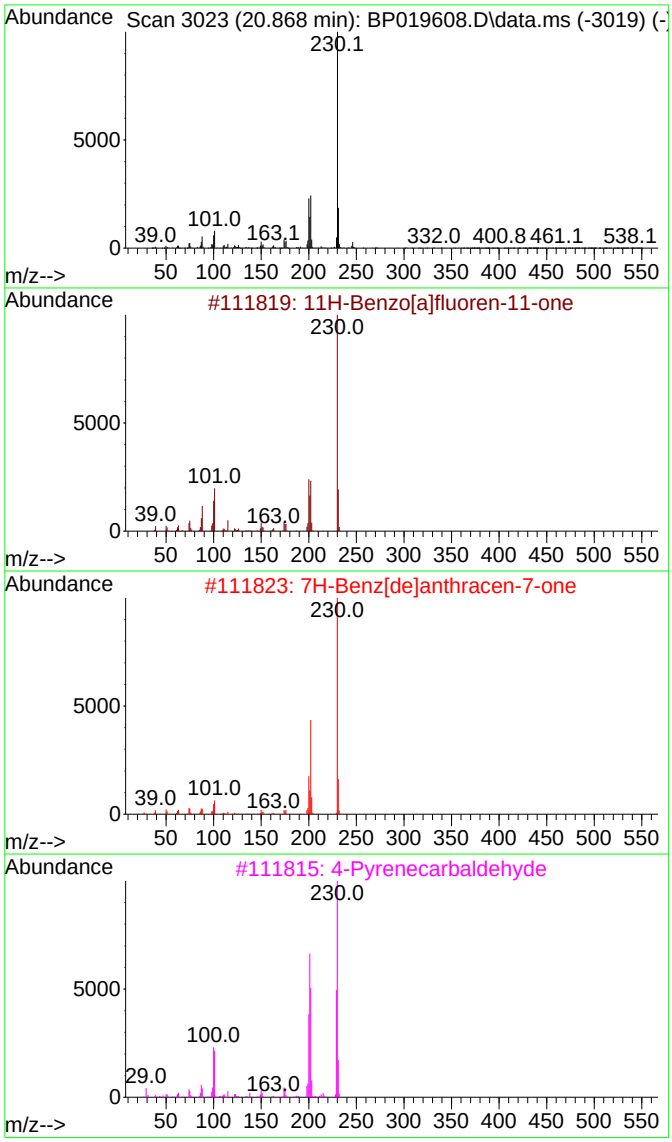
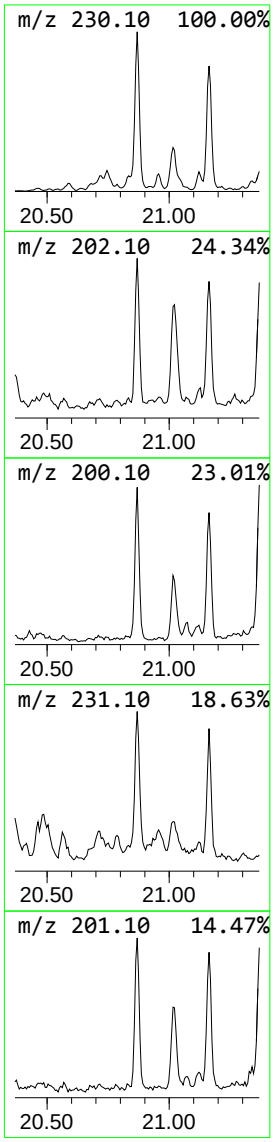
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.869	2.23 ng	455572	Chrysene-d12	21.386

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	89
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68





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ALS Vial : 5 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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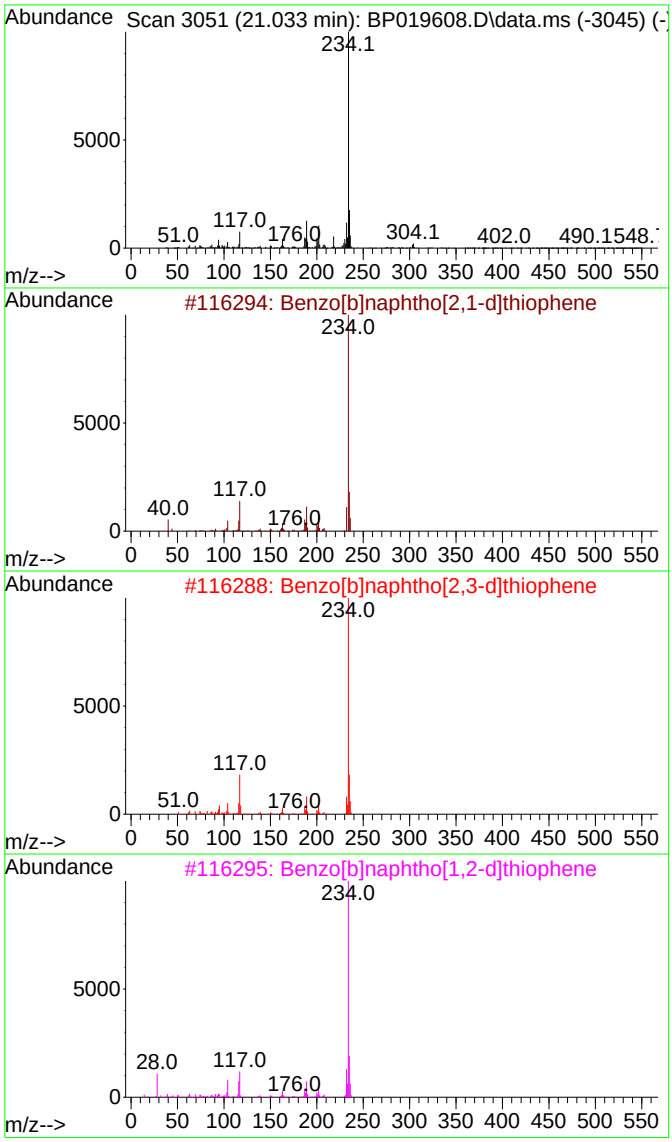
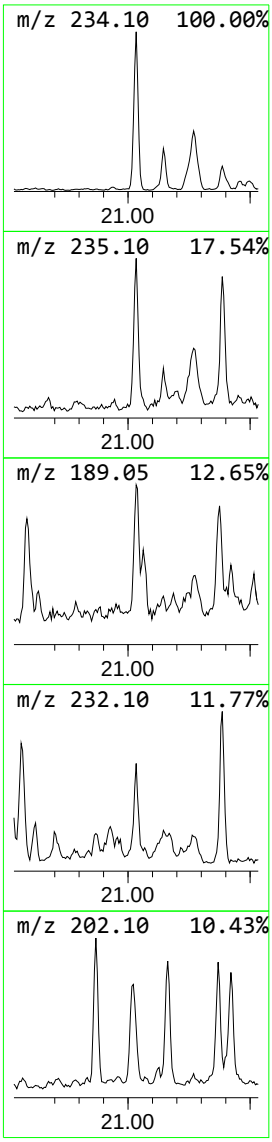
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	2.18 ng	446636	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64





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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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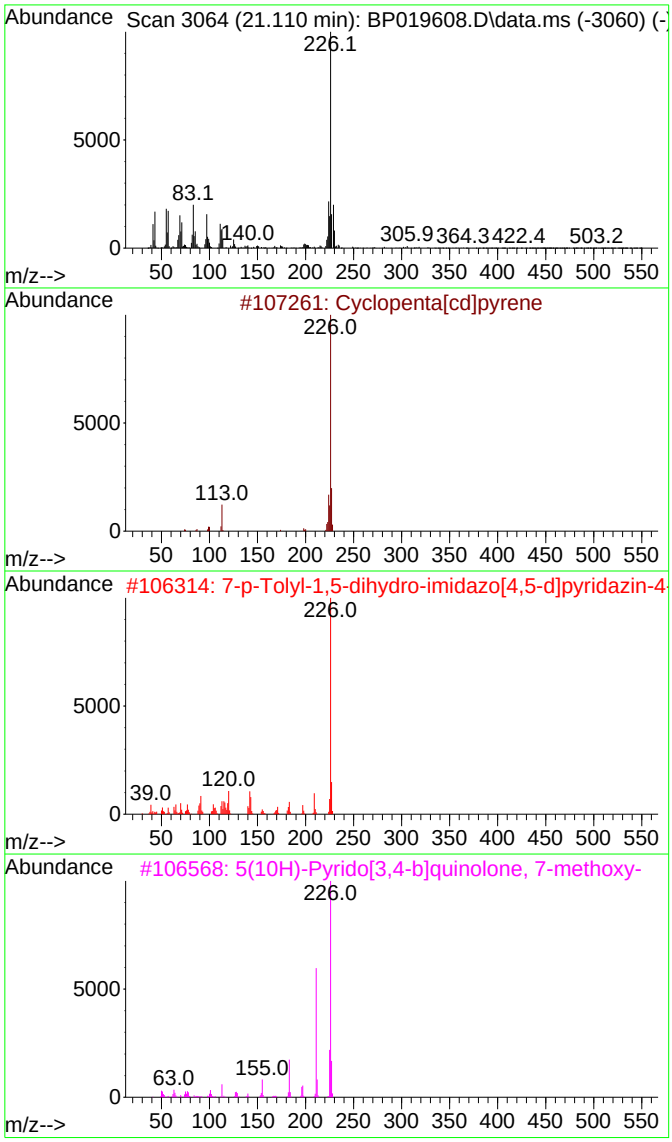
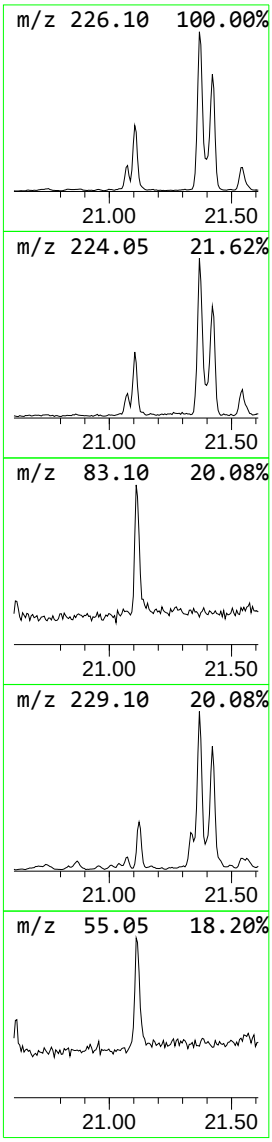
Peak Number 14 unknown21.110 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	2.76 ng	564437	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	7-p-Tolyl-1,5-dihydro-imidazo[4,...	226	C12H10N4O	1000317-75-5	47
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	46
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
5	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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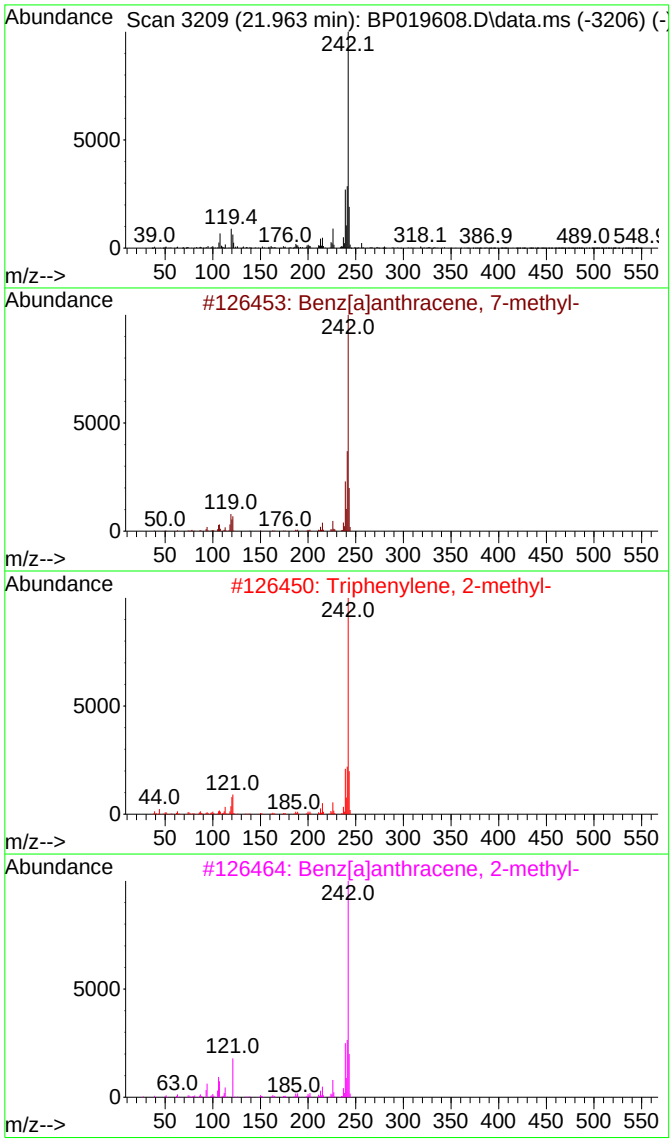
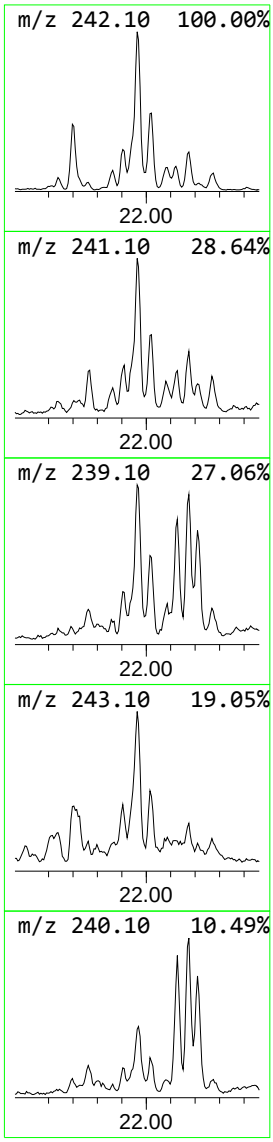
Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.962	2.02 ng	413673	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	91
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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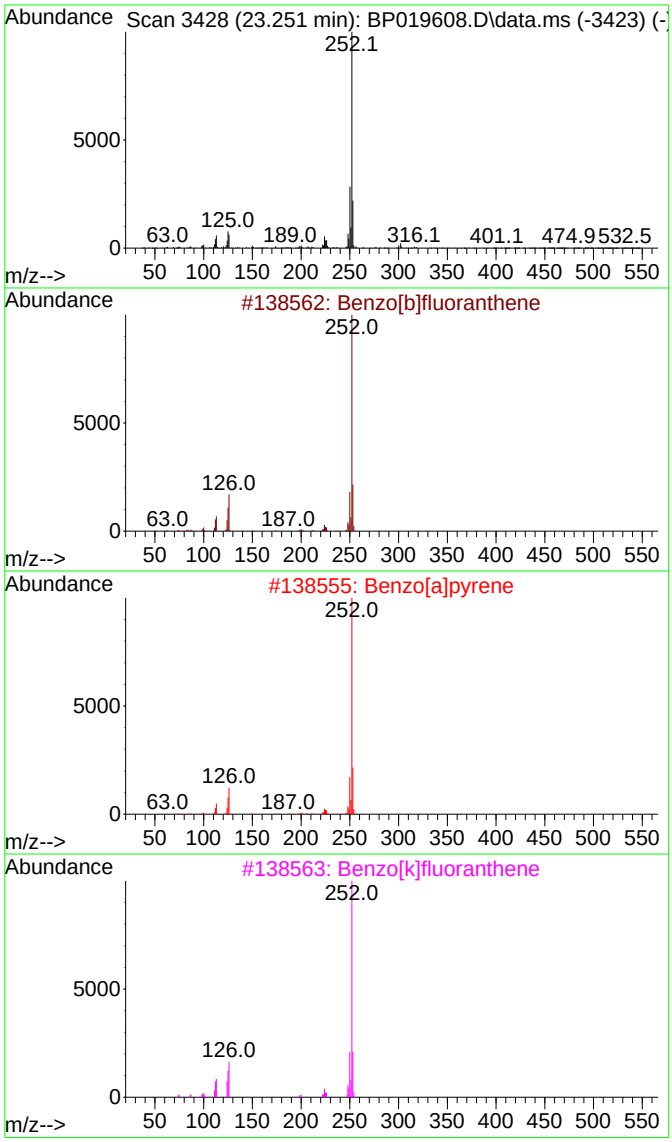
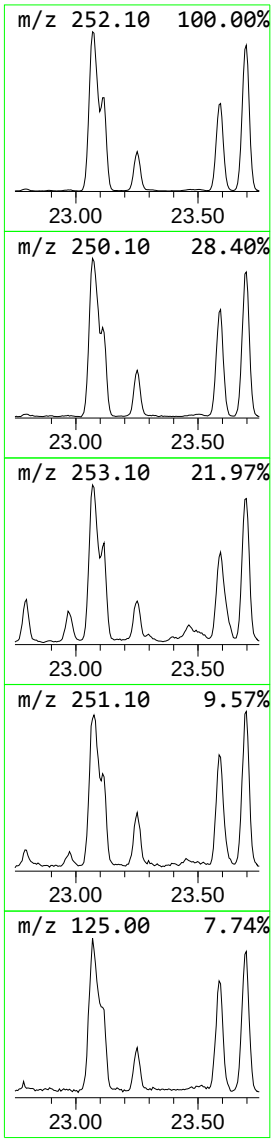
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.251	7.84 ng	608261	Perylene-d12	23.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Perylene	252	C20H12	000198-55-0	74





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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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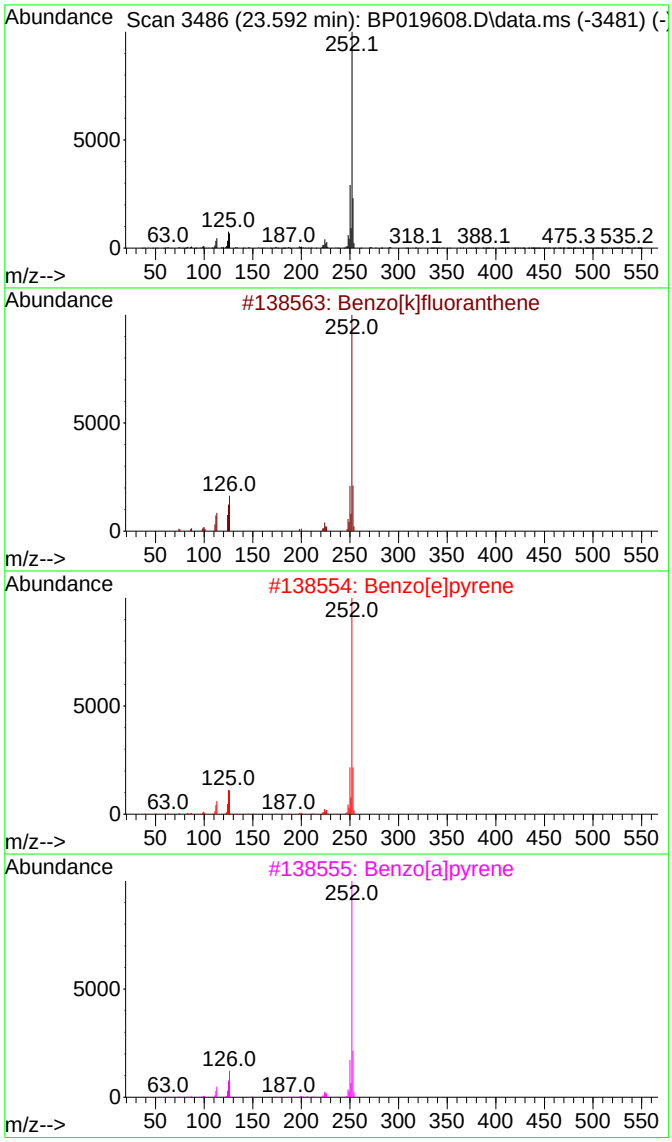
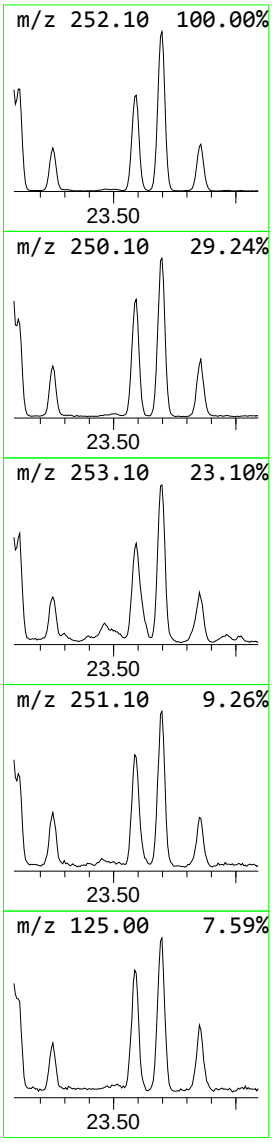
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.592	22.80 ng	1769310	Perylene-d12	23.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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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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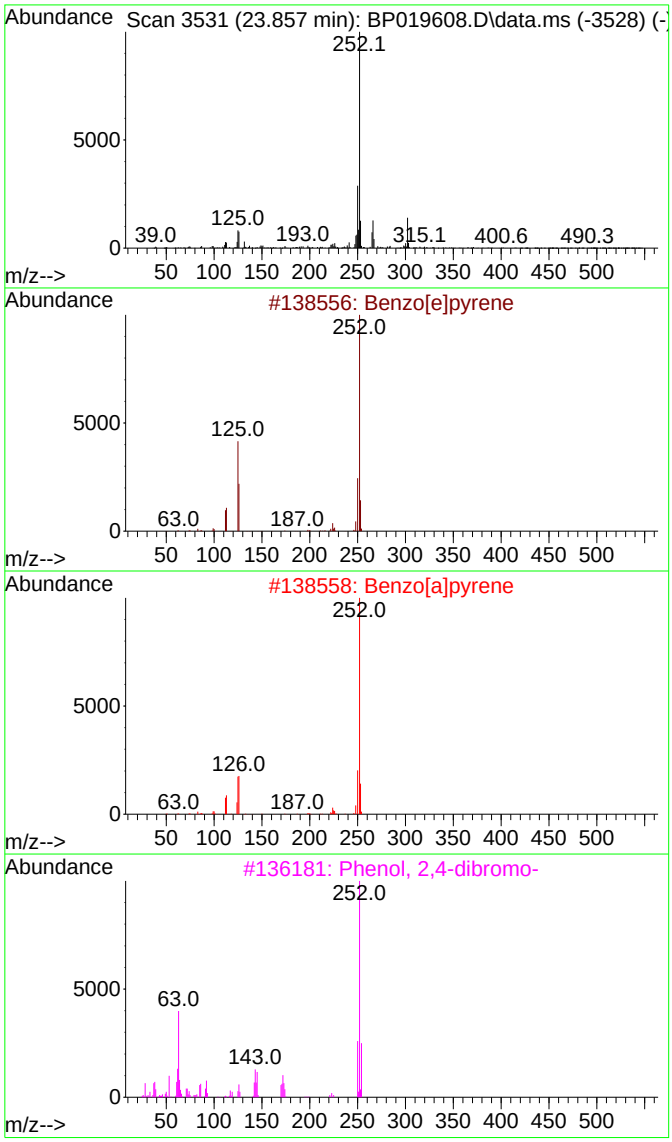
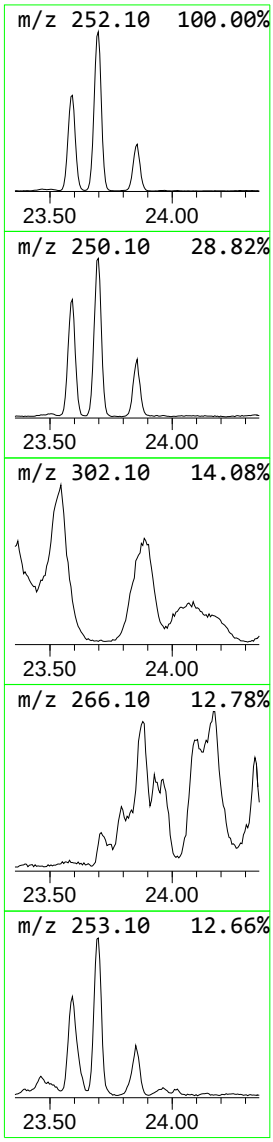
Peak Number 18 Phenol, 2,4-dibromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.857	14.02 ng	1088230	Perylene-d12	23.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	53
2	Benzo[a]pyrene	252	C20H12	000050-32-8	53
3	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	52
4	Perylene	252	C20H12	000198-55-0	49
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	47





Tentatively Identified Compound (LSC) summary

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Data File : BP019608.D
Acq On : 08 Feb 2024 14:05
Operator : MA/JU
Sample : P1141-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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
Phenanthrene, 1...	18.157	3.8	ng	240682	4	17.292	1266270	20.0
Anthracene, 2-m...	18.198	11.0	ng	698496	4	17.292	1266270	20.0
Anthracene, 9-m...	18.280	3.2	ng	202725	4	17.292	1266270	20.0
Benzaldehyde, 3...	18.345	7.0	ng	442300	4	17.292	1266270	20.0
Phenanthrene, 4...	18.380	2.4	ng	150396	4	17.292	1266270	20.0
Naphthalene, 2-...	18.645	3.0	ng	188563	4	17.292	1266270	20.0
9,10-Dimethylan...	19.045	3.8	ng	241069	4	17.292	1266270	20.0
Cyclopenta(def)...	19.180	3.8	ng	238580	4	17.292	1266270	20.0
Pyrene, 1-methyl-	19.980	2.3	ng	465787	5	21.386	4092240	20.0
Pyrene, 2-methyl-	20.139	2.0	ng	418656	5	21.386	4092240	20.0
Fluoranthene, 2...	20.292	2.2	ng	445538	5	21.386	4092240	20.0
11H-Benzo[a]flu...	20.869	2.2	ng	455572	5	21.386	4092240	20.0
Benzo[b]naphtho...	21.033	2.2	ng	446636	5	21.386	4092240	20.0
unknown21.110	21.110	2.8	ng	564437	5	21.386	4092240	20.0
Benz[a]anthrace...	21.962	2.0	ng	413673	5	21.386	4092240	20.0
Benzo[e]pyrene	23.251	7.8	ng	608261	6	23.804	1551920	20.0
Benzo[j]fluoran...	23.592	22.8	ng	1769310	6	23.804	1551920	20.0
Phenol, 2,4-dib...	23.857	14.0	ng	1088230	6	23.804	1551920	20.0