LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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: BP019772.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	322	328	336	rBV	166387	251930	3.56%	0.307%
2	5.475	399	406	417	rBV	1330501	1988504	28.08%	2.421%
3	7.075	670	678	690	rBV	1266037	2127554	30.05%	2.590%
4	7.899	811	818	827	rVB	290515	468882	6.62%	0.571%
5	9.069	1007	1017	1031	rBV	817853	1421287	20.07%	1.731%
6	10.698	1285	1294	1300	rBV	367153	647296	9.14%	0.788%
7	13.163	1703	1713	1725	rBV	2124991	3357729	47.42%	4.088%
8	14.257	1893	1899	1910	rBV	166699	313957	4.43%	0.382%
9	14.534	1939	1946	1953	rBV	561502	880742	12.44%	1.072%
10	15.586	2119	2125	2137	rVB2	41726	82609	1.17%	0.101%
11	16.028	2191	2200	2214	rBV	1843123	2802011	39.57%	3.412%
12	16.269	2235	2241	2247	rVB4	49782	95290	1.35%	0.116%
13	16.598	2288	2297	2301	rBV3	45563	93205	1.32%	0.113%
14	17.022	2364	2369	2374	rBV	47254	93778	1.32%	0.114%
15	17.110	2380	2384	2392	rVB3	41374	77646	1.10%	0.095%
16	17.292	2409	2415	2418	rBV	728342	1049432	14.82%	1.278%
17	17.333	2418	2422	2429	rVV	706083	999357	14.11%	1.217%
18	17.422	2432	2437	2443	rVV	346283	527293	7.45%	0.642%
19	17.486	2443	2448	2453	rVB2	49759	106531	1.50%	0.130%
20	17.816	2500	2504	2508	rVB2	54533	74382	1.05%	0.091%
21	18.157	2558	2562	2565	rBV	203882	303869	4.29%	0.370%
22	18.204	2565	2570	2576	rVV2	324535	682949	9.64%	0.832%
23	18.286	2577	2584	2588	rVV2	122465	199489	2.82%	0.243%
24	18.345	2588	2594	2598	rVV2	434298	731249	10.33%	0.890%
25	18.380	2598	2600	2607	rVB	154390	183617	2.59%	0.224%
26	18.645	2641	2645	2649	rVB	199672	254671	3.60%	0.310%
27	18.880	2681	2685	2689	rVB	84810	110682	1.56%	0.135%
28	18.927	2689	2693	2697	rBV	104066	133572	1.89%	0.163%
29	18.969	2697	2700	2704	rVB	77774	96293	1.36%	0.117%
30	19.045	2705	2713	2717	rBV	213079	422385	5.97%	0.514%
31	19.110	2717	2724	2726	rBV5	87657	153068	2.16%	0.186%
32	19.186	2732	2737	2744	rVB	307219	493207	6.97%	0.601%
33	19.304	2751	2757	2763	rBV	5264018	7081047	100.00%	8.622%
34	19.369	2764	2768	2771	rVV	85994	120271	1.70%	0.146%
35	19.404	2771	2774	2775	rVV2	65026	82291	1.16%	0.100%
36	19.445	2779	2781	2785	rVB	120477	146144	2.06%	0.178%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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	19.539	2793	2797	2800	rBV	152982	205342	2.90%	0.250%
38	19.627	2807	2812	2813	rBV	725309	945674	13.36%	1.151%
39	19.657	2813	2817	2825	rVV	3964256	5548271	78.35%	6.755%
40	19.722	2825	2828	2834	rVB2	230803	345051	4.87%	0.420%
41	19.857	2842	2851	2856	rBV	4214945	5402630	76.30%	6.578%
42	19.974	2864	2871	2878	rBV2	349730	879389	12.42%	1.071%
43	20.063	2883	2886	2888	rVV2	73643	78250	1.11%	0.095%
44	20.104	2888	2893	2894	rVV3	239559	334004	4.72%	0.407%
45	20.139	2895	2899	2907	rVB	913459	1257188	17.75%	1.531%
46	20.239	2911	2916	2919	rBV	845938	1086455	15.34%	1.323%
47	20.292	2919	2925	2929	rVB2	422393	726601	10.26%	0.885%
48	20.427	2945	2948	2952	rBV	174377	196273	2.77%	0.239%
49	20.474	2952	2956	2960	rVV3	184897	260735	3.68%	0.317%
50	20.833	3013	3017	3020	rBV	148005	228259	3.22%	0.278%
51	20.874	3021	3024	3030	rVB	245764	354355	5.00%	0.431%
52	21.033	3047	3051	3054	rBV	415521	546027	7.71%	0.665%
53	21.069	3054	3057	3061	rVV	472685	640220	9.04%	0.780%
54	21.110	3061	3064	3069	rVV2	567271	911426	12.87%	1.110%
55	21.163	3071	3073	3083	rVB	279352	394743	5.57%	0.481%
56	21.374	3103	3109	3115	rBV2	3567004	6728572	95.02%	8.193%
57	21.427	3115	3118	3127	rVB	2151459	2896978	40.91%	3.527%
58	21.545	3134	3138	3144	rBV	455367	688798	9.73%	0.839%
59	21.710	3162	3166	3172	rVB2	227398	459031	6.48%	0.559%
60	21.963	3206	3209	3214	rVB	439860	656170	9.27%	0.799%
61	22.174	3242	3245	3248	rBV	191823	262697	3.71%	0.320%
62	22.210	3248	3251	3258	rVB3	316085	444761	6.28%	0.542%
63	23.080	3391	3399	3404	rBV	2314943	5948044	84.00%	7.242%
64	23.257	3424	3429	3436	rBV	499671	883271	12.47%	1.075%
65	23.598	3481	3487	3497	rVB	1184730	2599387	36.71%	3.165%
66	23.704	3498	3505	3514	rVV	1973834	4106462	57.99%	5.000%
67	23.810	3517	3523	3527	rVV	606536	1313287	18.55%	1.599%
68	23.862	3528	3532	3541	rVB2	575935	1238458	17.49%	1.508%
69	26.345	3945	3954	3968	rVB2	937602	3168570	44.75%	3.858%
70	27.115	4081	4085	4101	rVB	575151	1741035	24.59%	2.120%

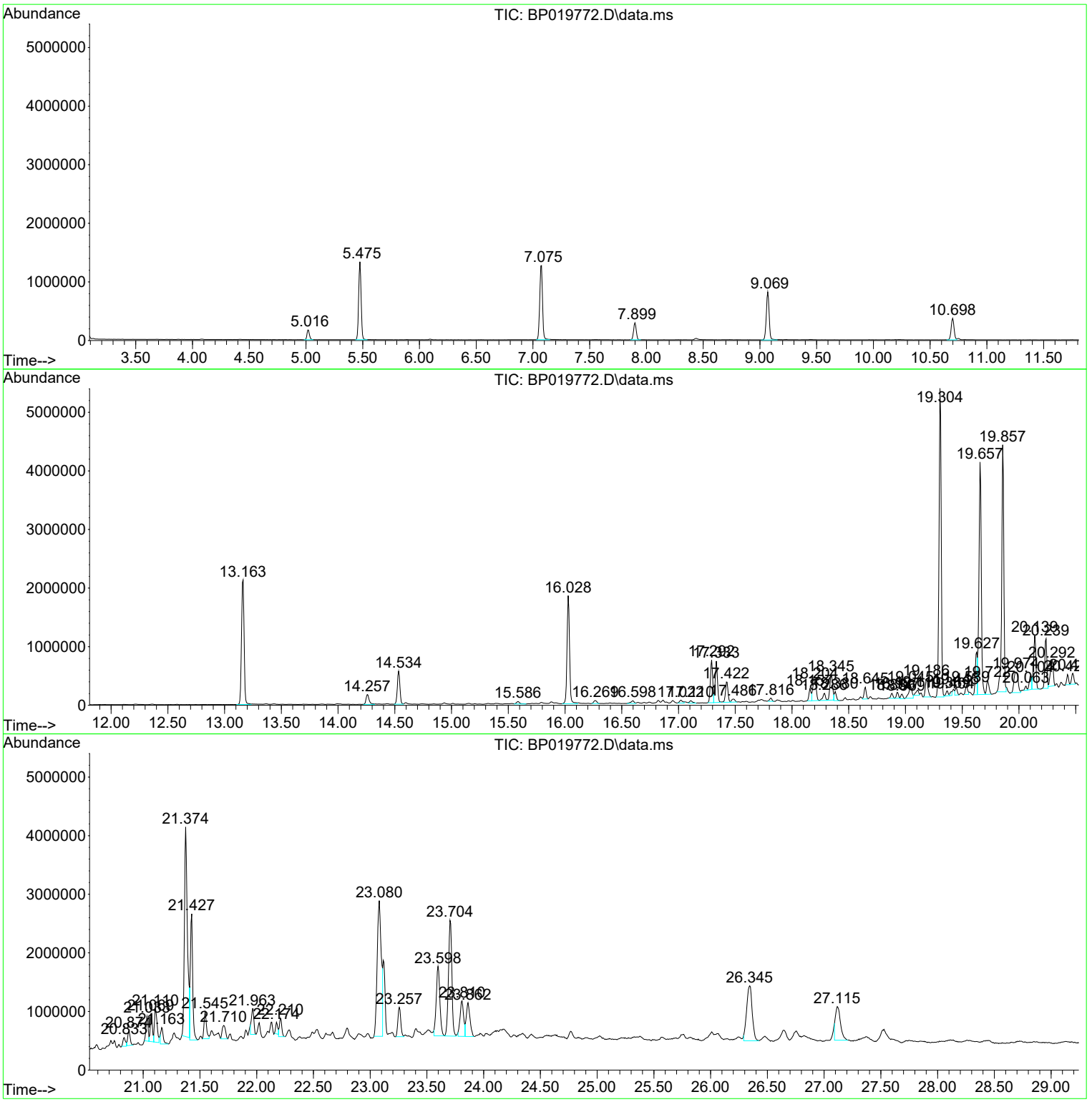
Sum of corrected areas: 82130633

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
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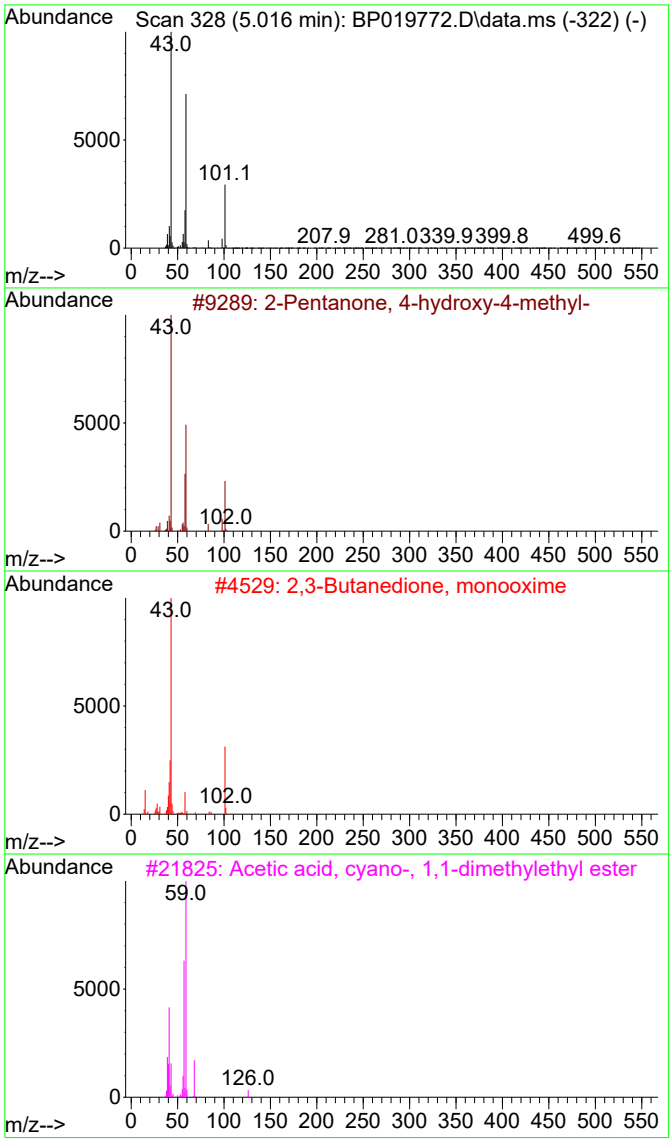
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

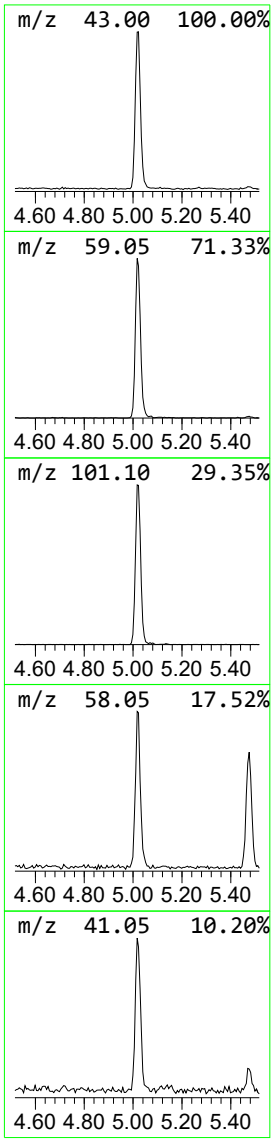
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	10.75 ng	251930	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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

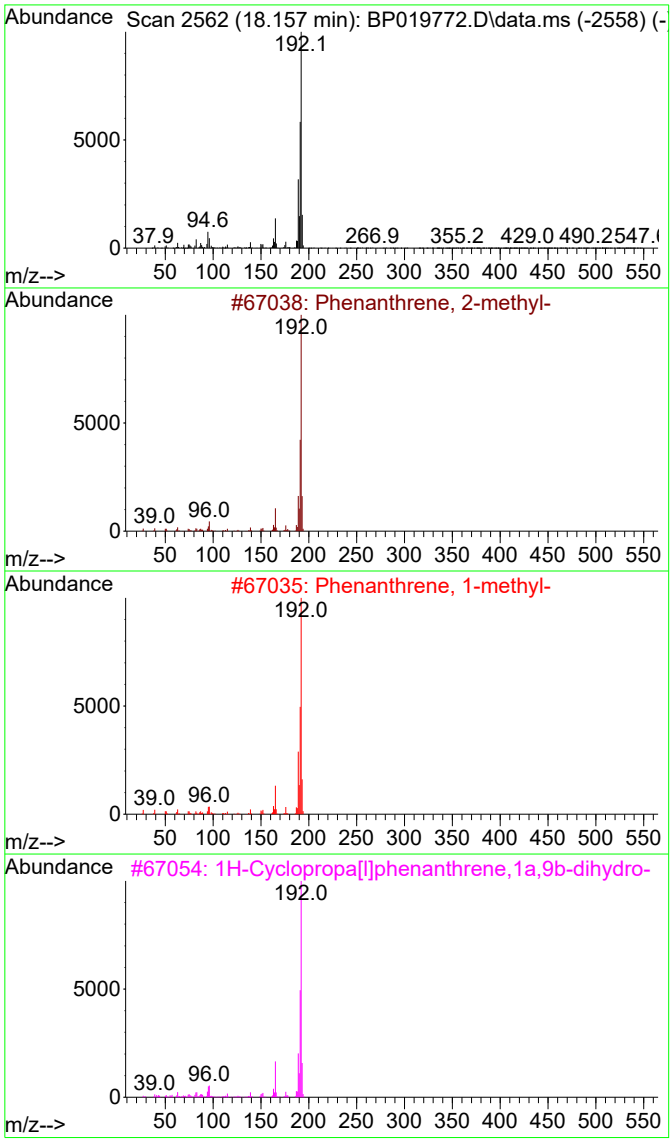
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

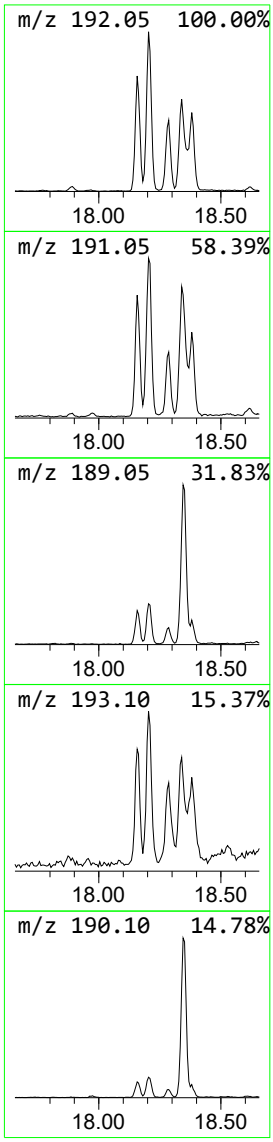
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	5.79 ng	303869	Phenanthrene-d10	17.292

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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

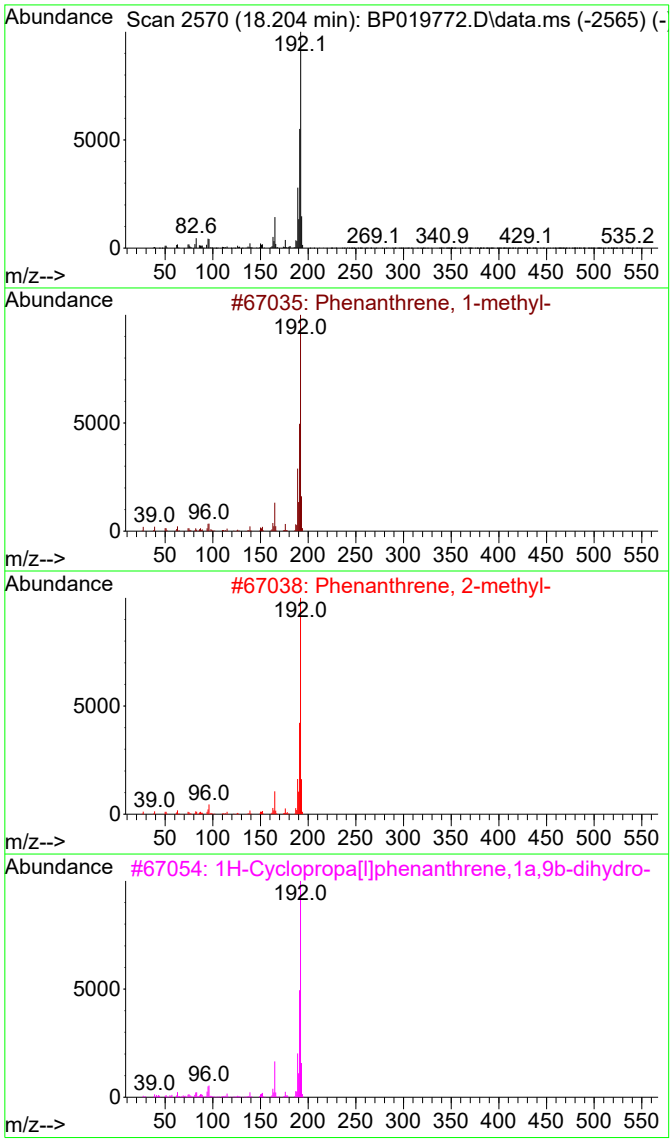
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

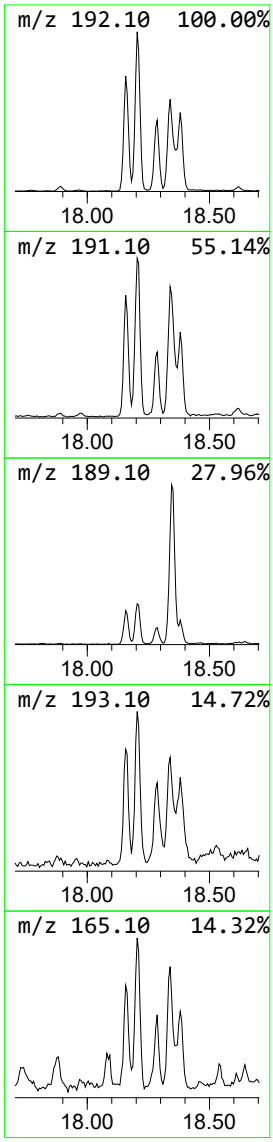
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	13.02 ng	682949	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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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

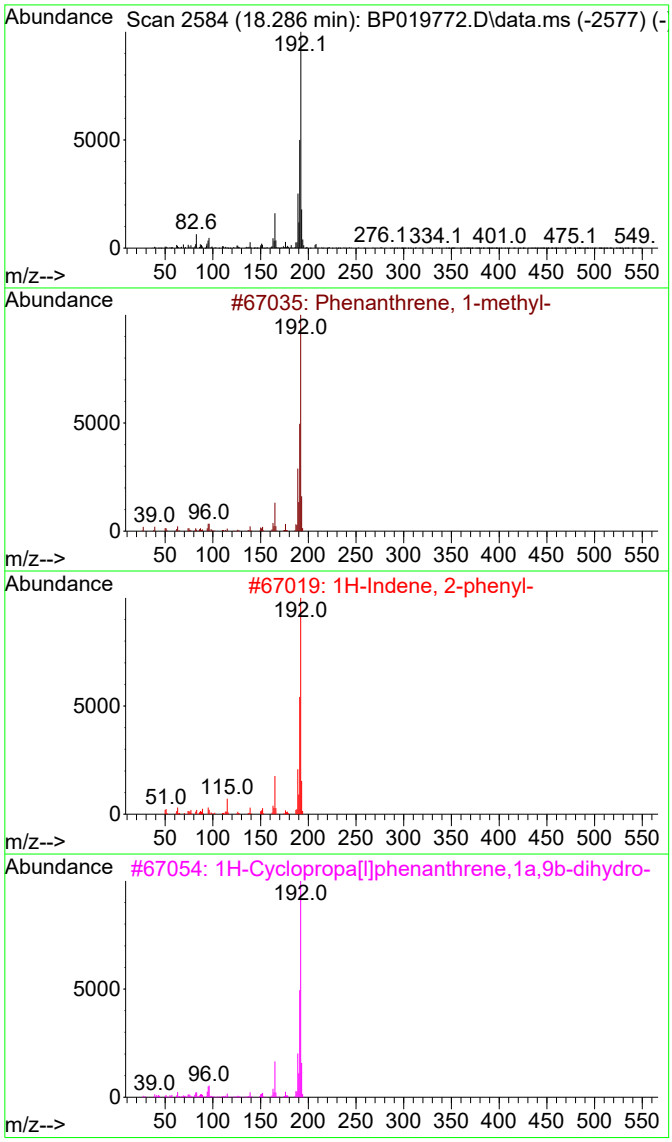
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

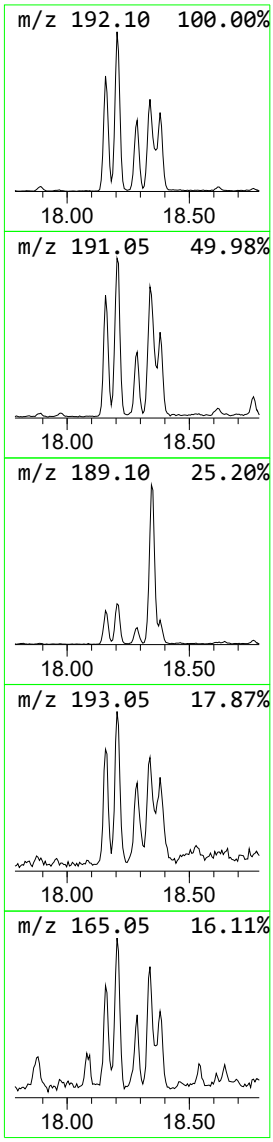
****

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.80 ng	199489	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

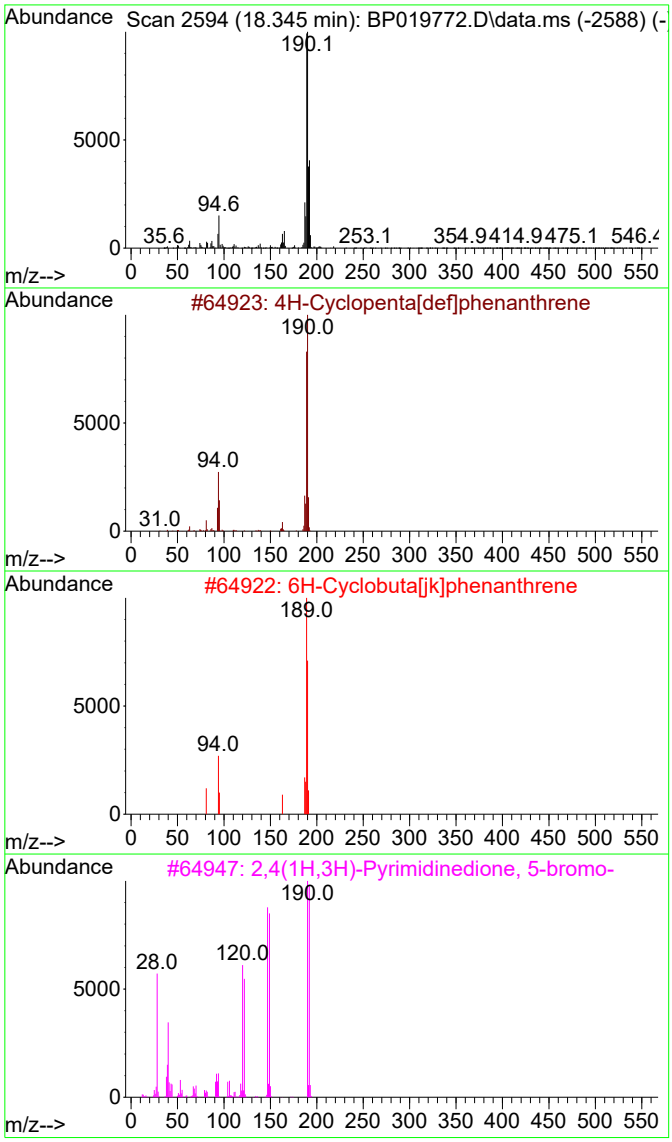
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

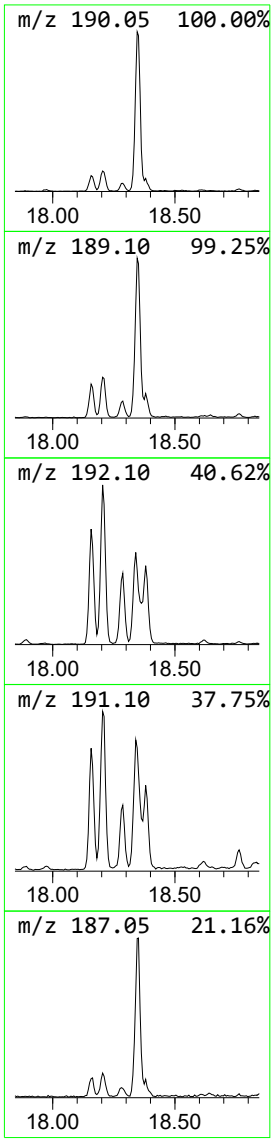
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	13.94 ng	731249	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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

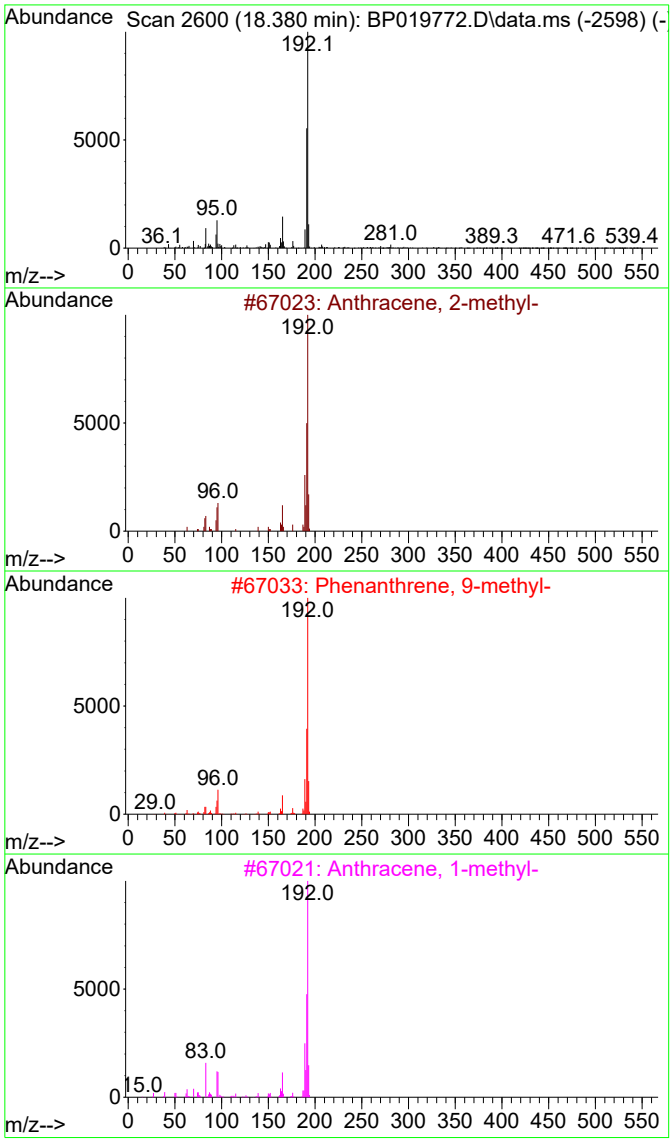
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

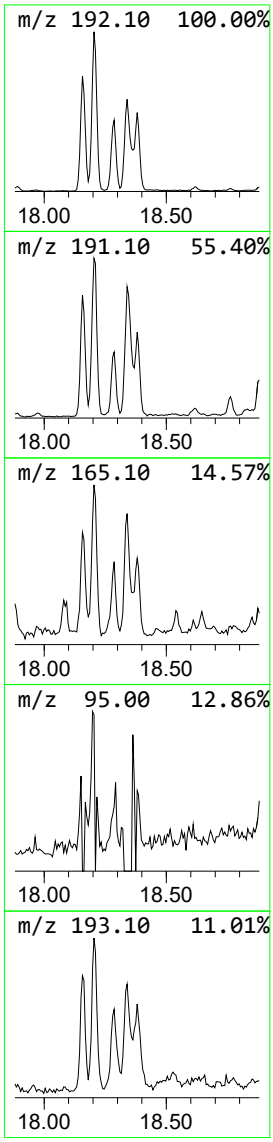
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	3.50 ng	183617	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	80
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

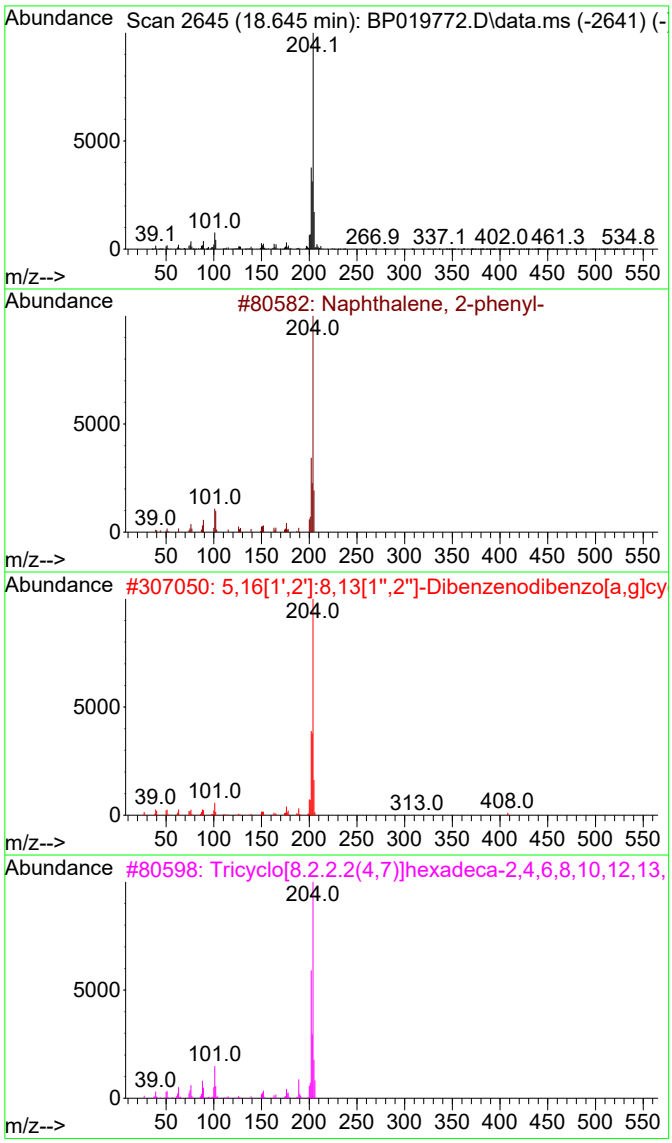
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

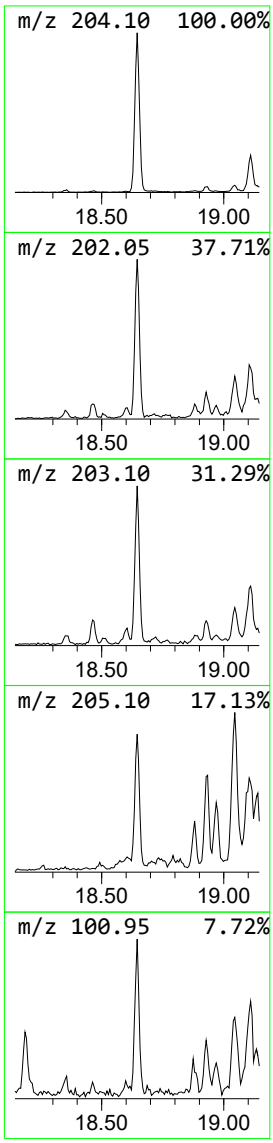
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	4.85 ng	254671	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53





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Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-2D

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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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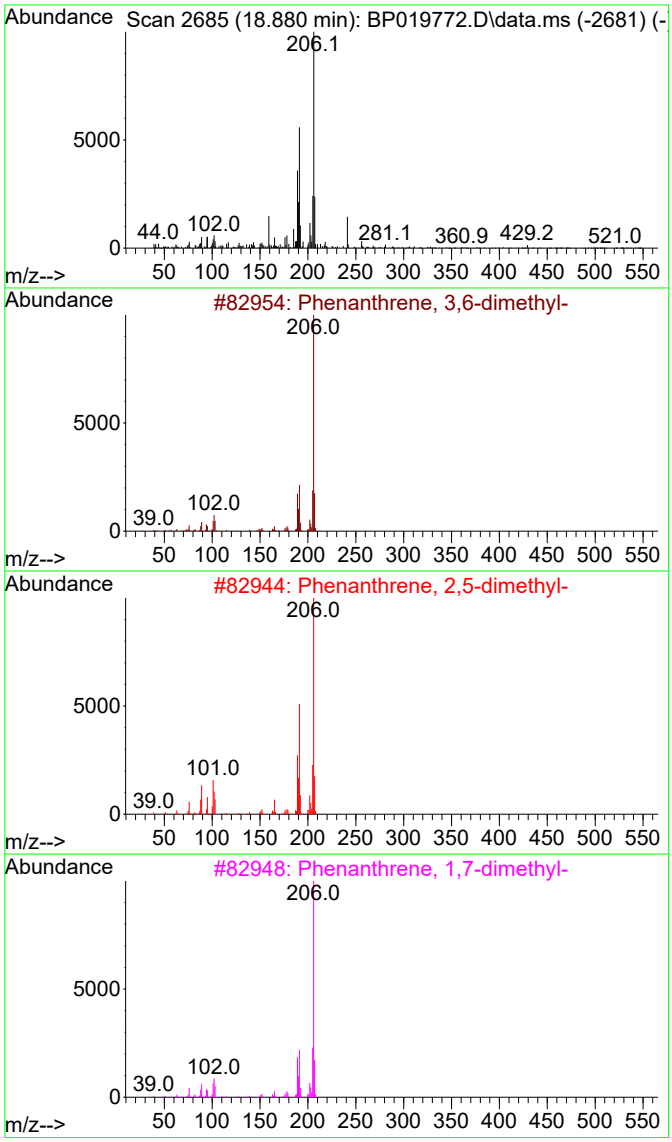
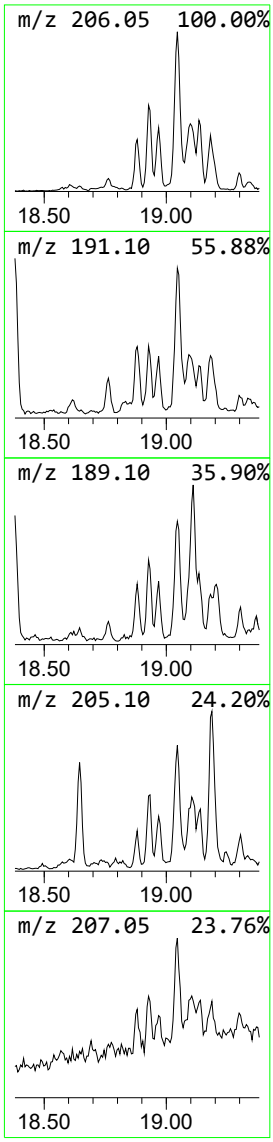
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	2.11 ng	110682	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-2D

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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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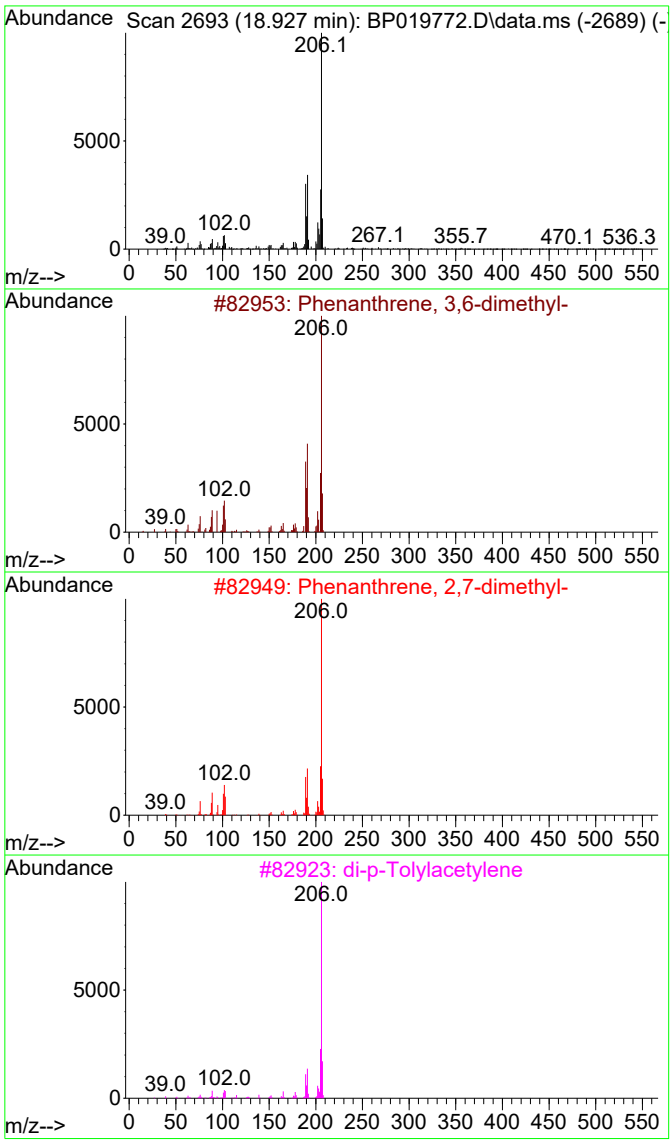
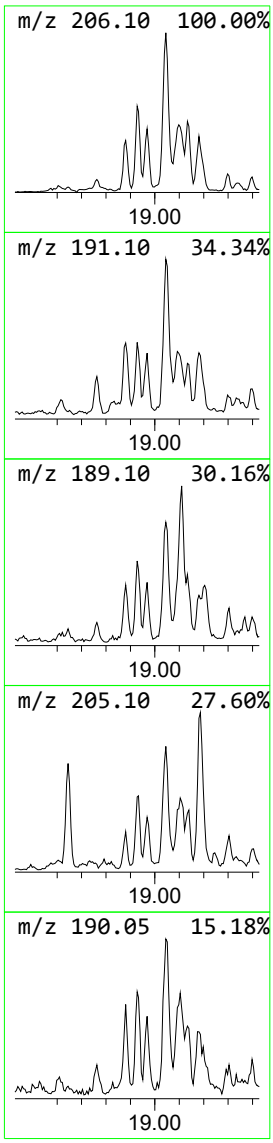
Peak Number 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.927	2.55 ng	133572	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64





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Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
WC-2D

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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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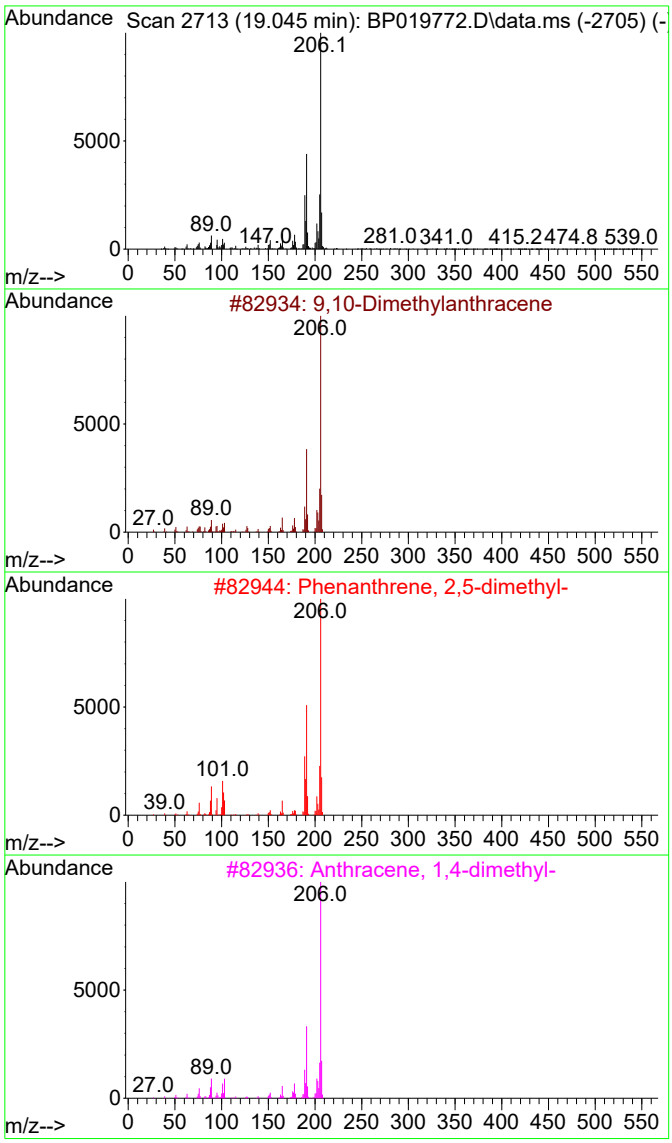
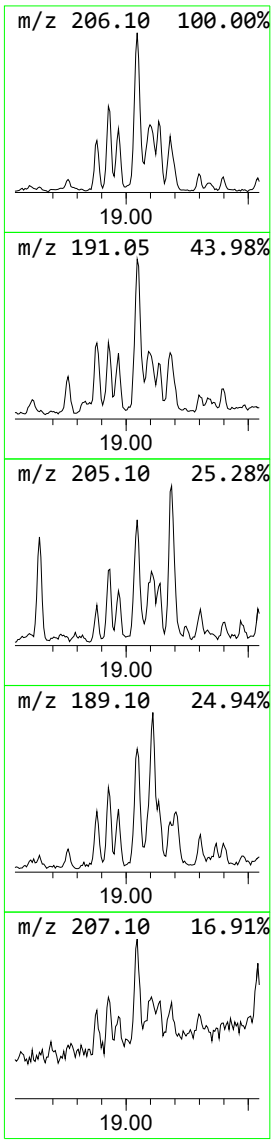
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	8.05 ng	422385	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-2D

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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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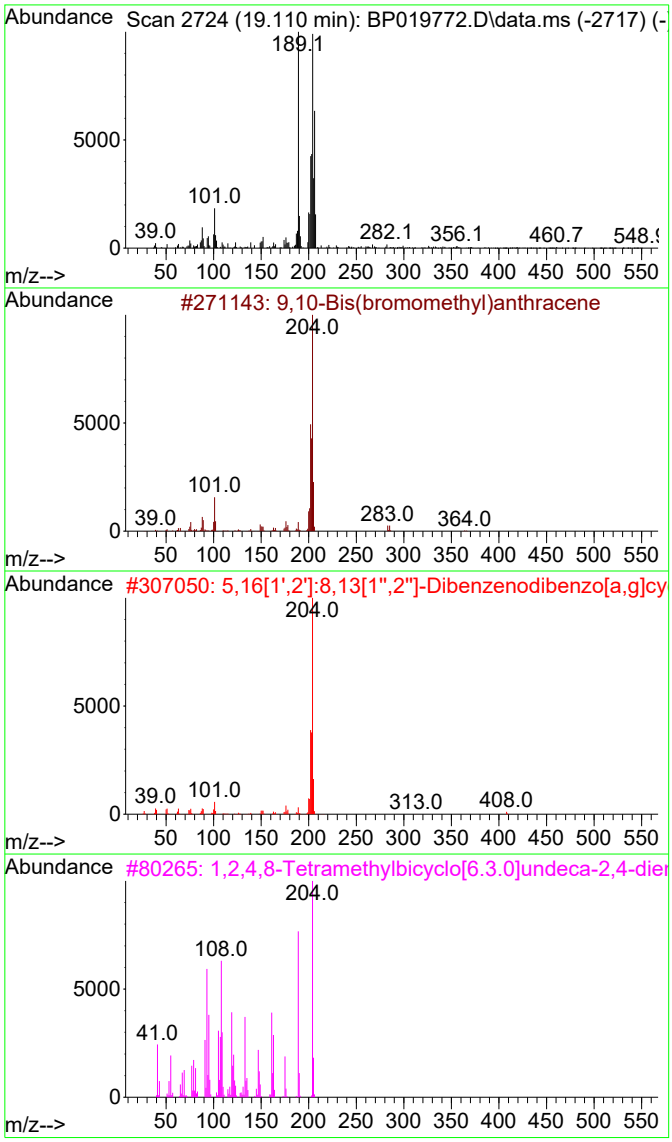
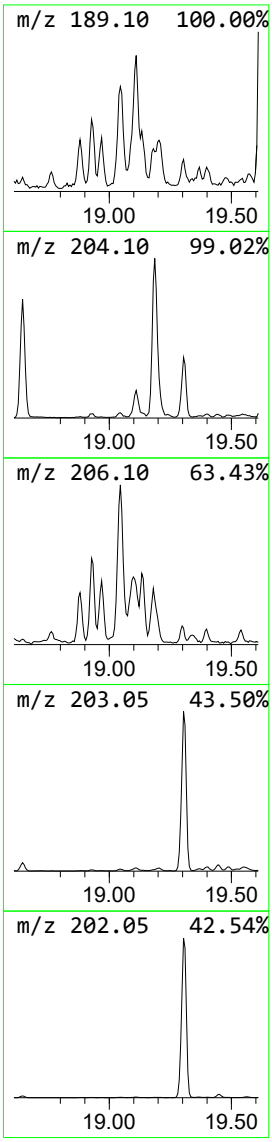
Peak Number 11 unknown19.110 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	2.92 ng	153068	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	30





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ClientSampleId :
WC-2D

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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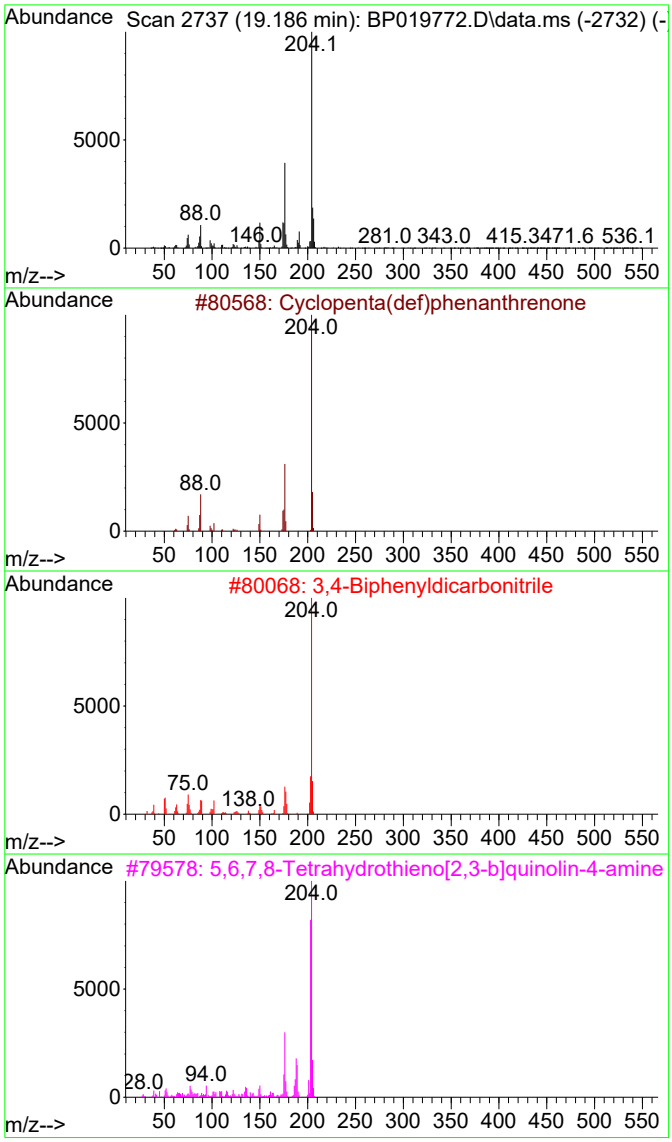
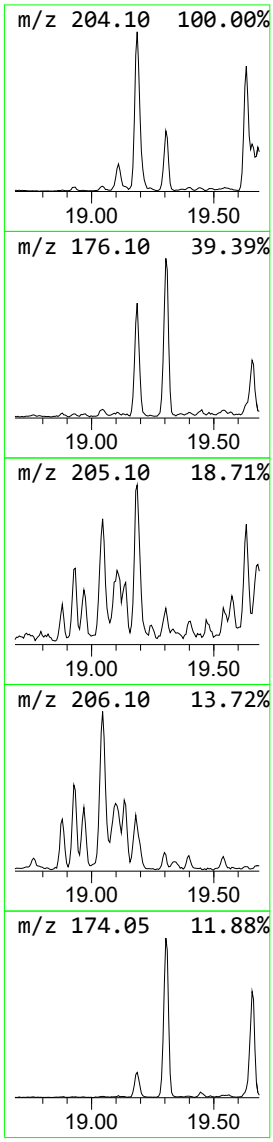
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	9.40 ng	493207	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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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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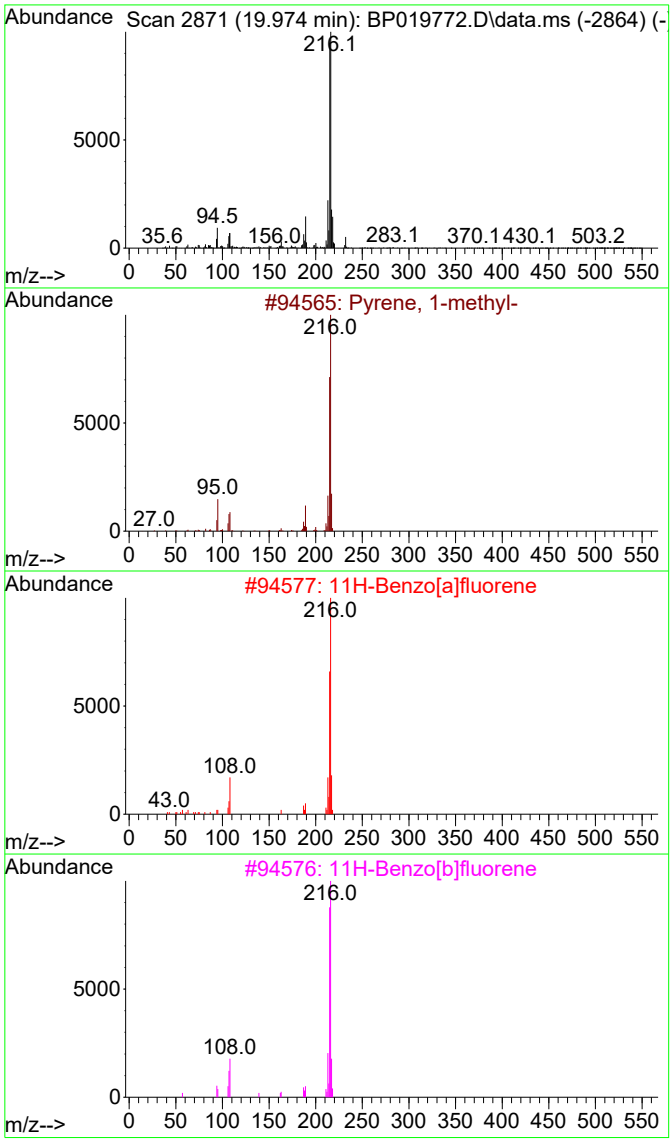
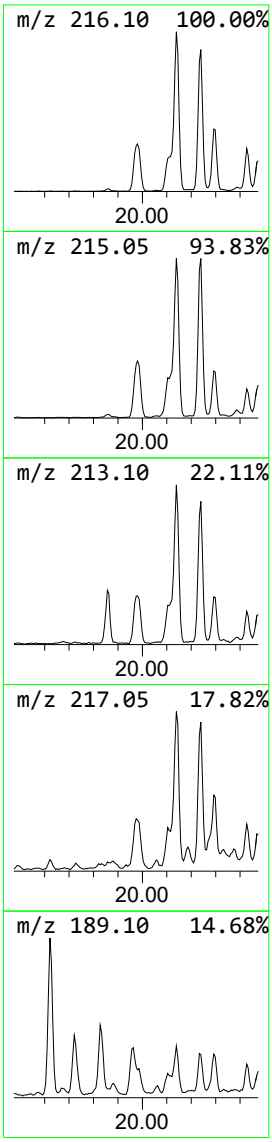
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.974	2.61 ng	879389	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
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	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Sample : P1505-13
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

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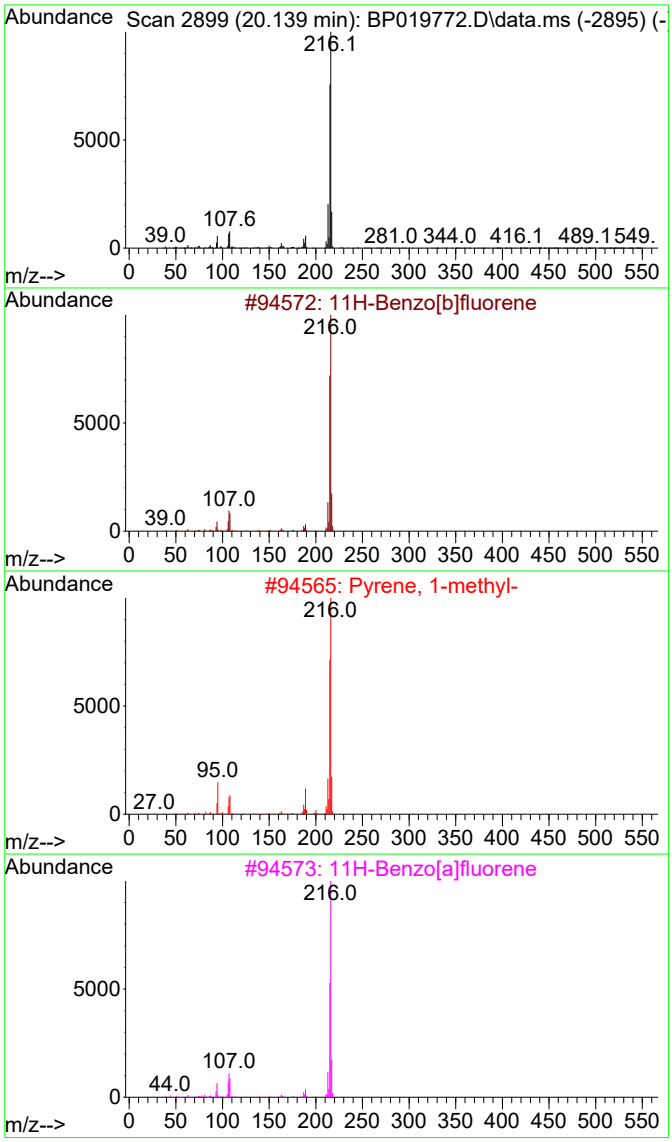
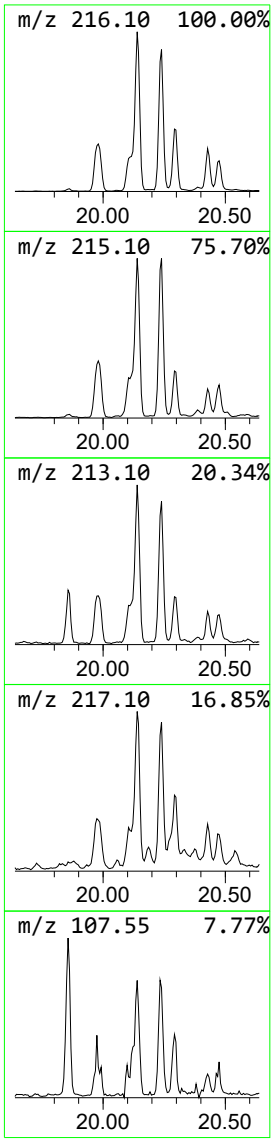
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	3.74 ng	1257190	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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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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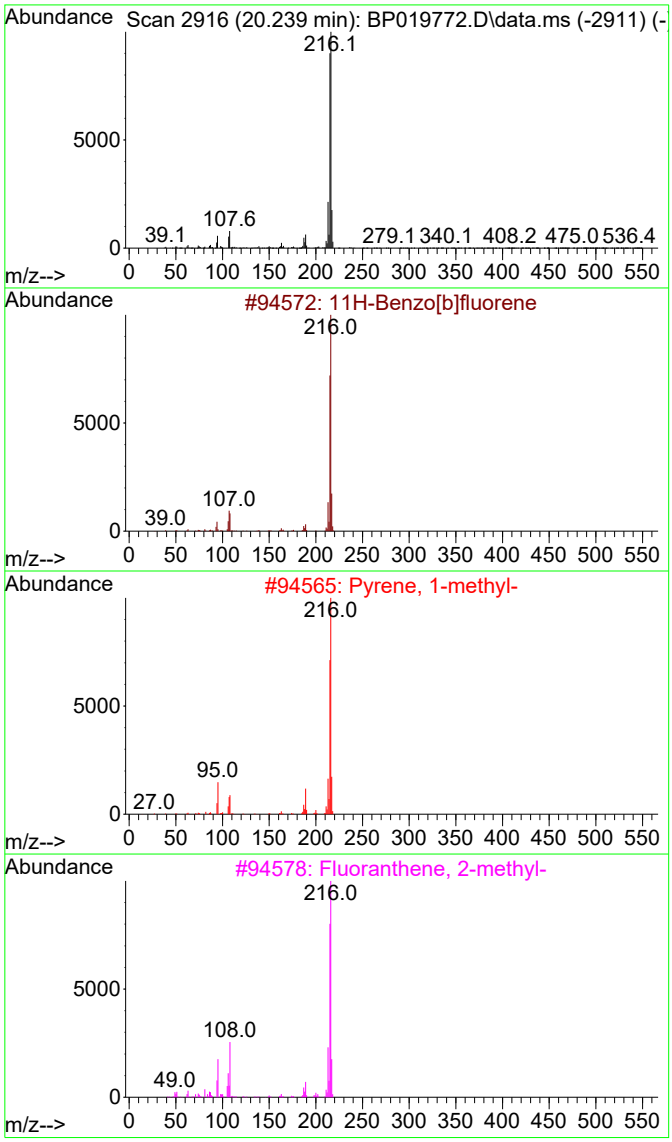
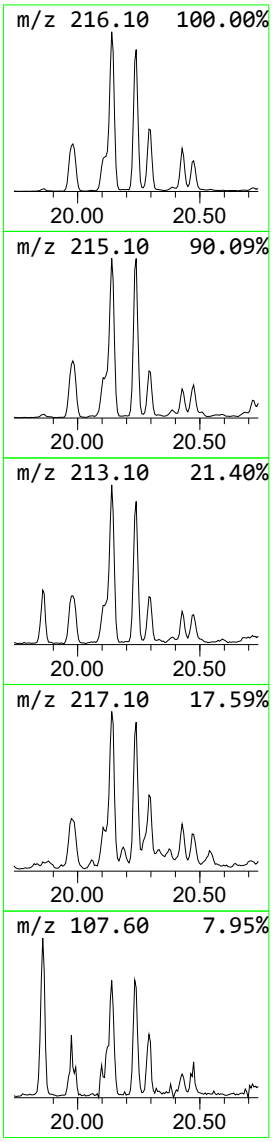
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	3.23 ng	1086460	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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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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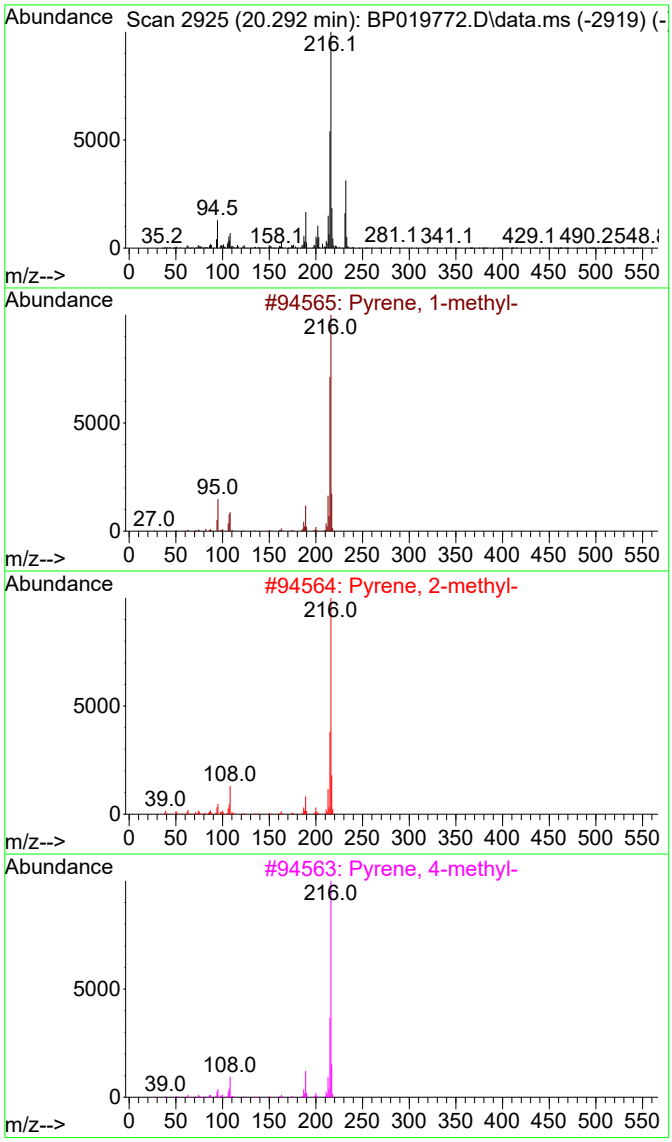
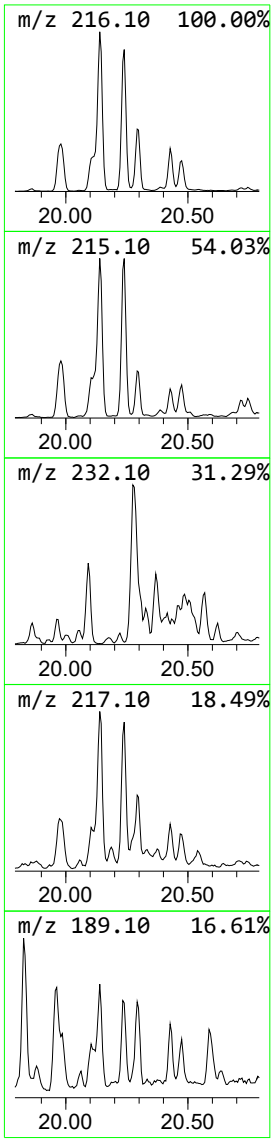
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.292	2.16 ng	726601	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	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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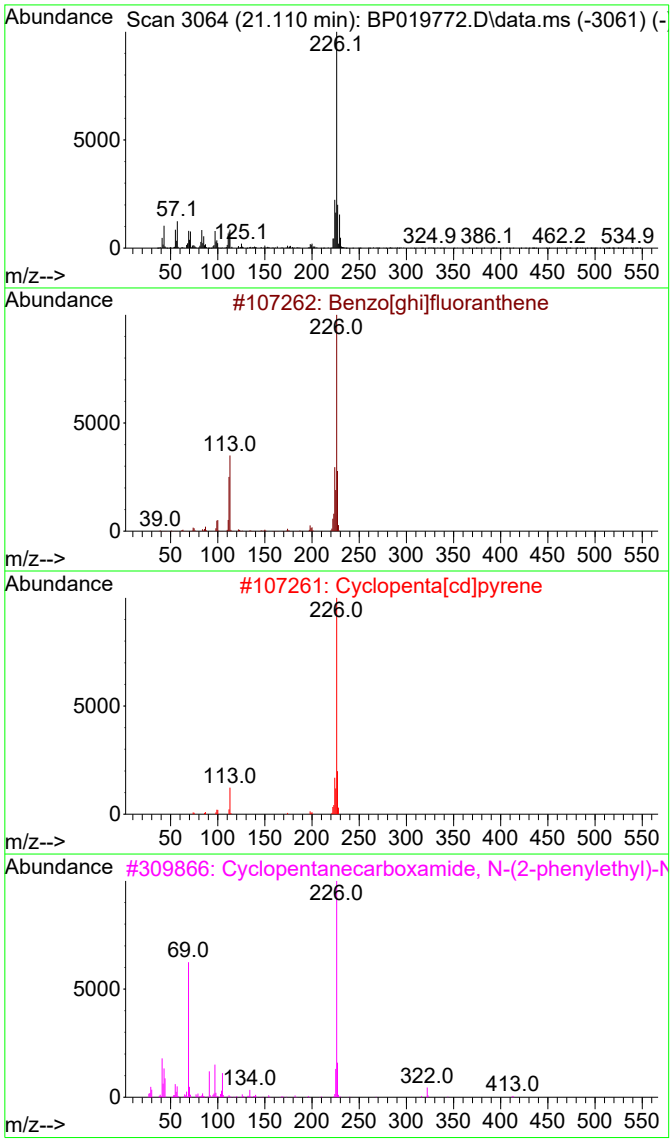
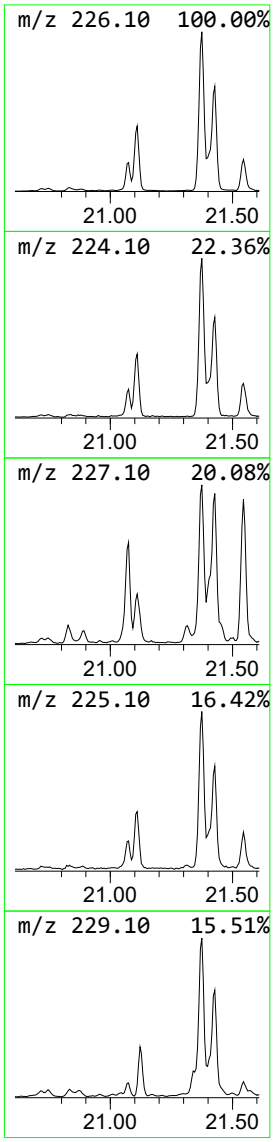
Peak Number 17 Benzo[ghi]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	2.71 ng	911426	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	70
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	68
3	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	53
4	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	52
5	Tetraheptylammonium iodide	537	C28H60IN	003535-83-9	50





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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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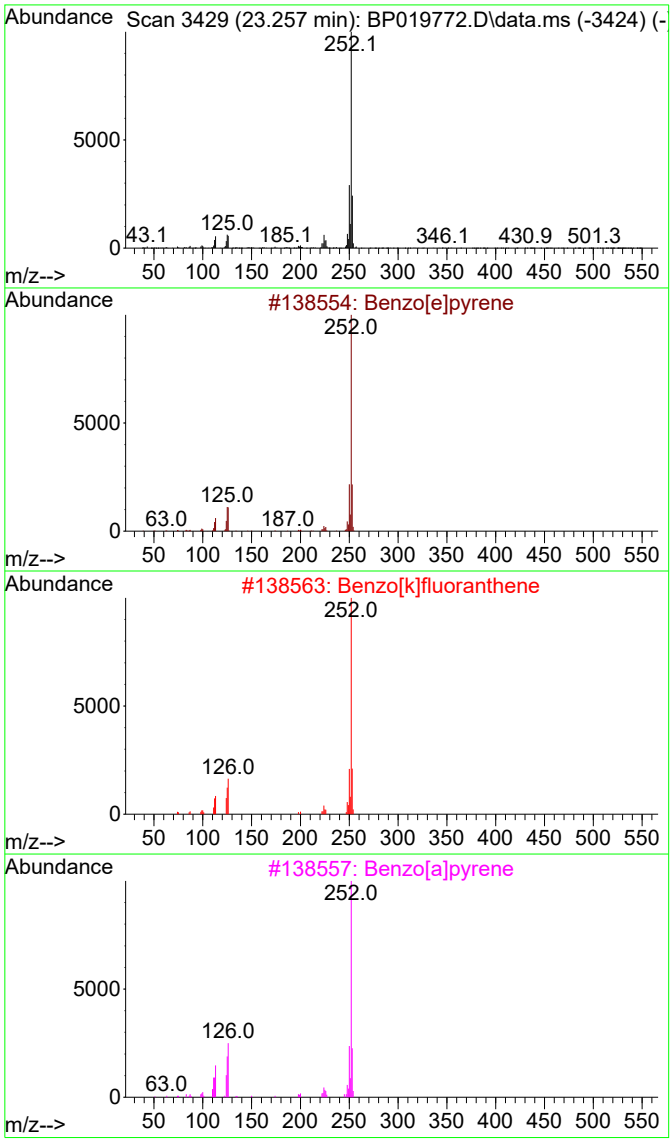
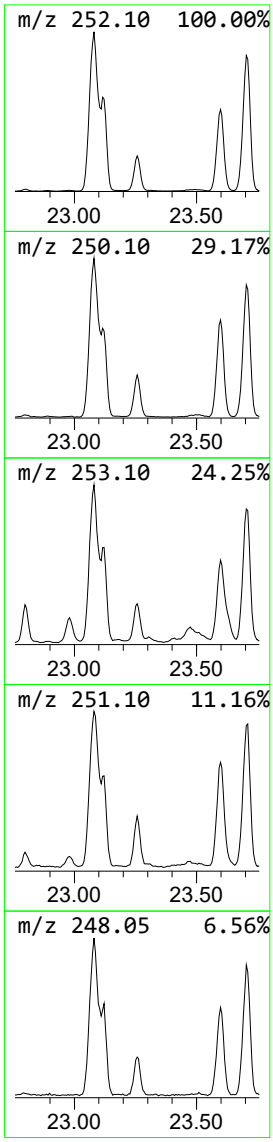
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.257	13.45 ng	883271	Perylene-d12	23.810

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





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Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 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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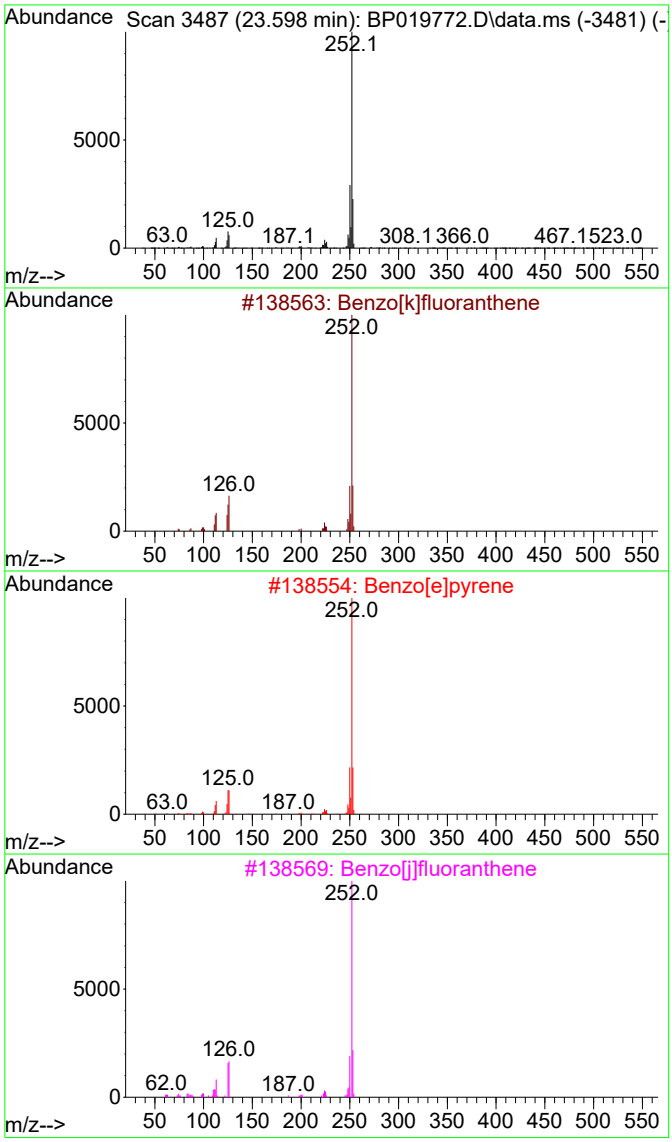
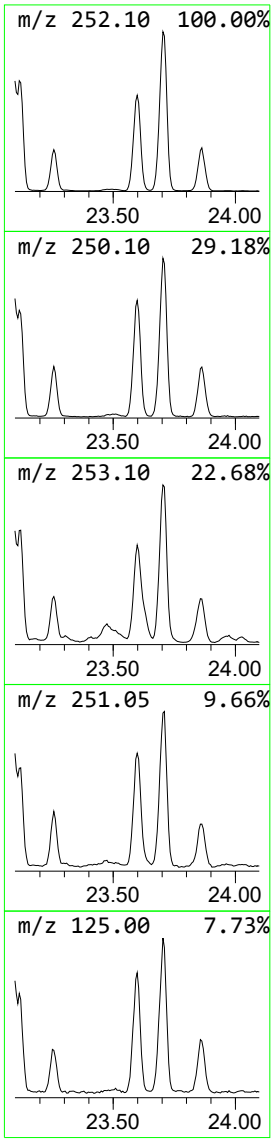
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.598	39.59 ng	2599390	Perylene-d12	23.810

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[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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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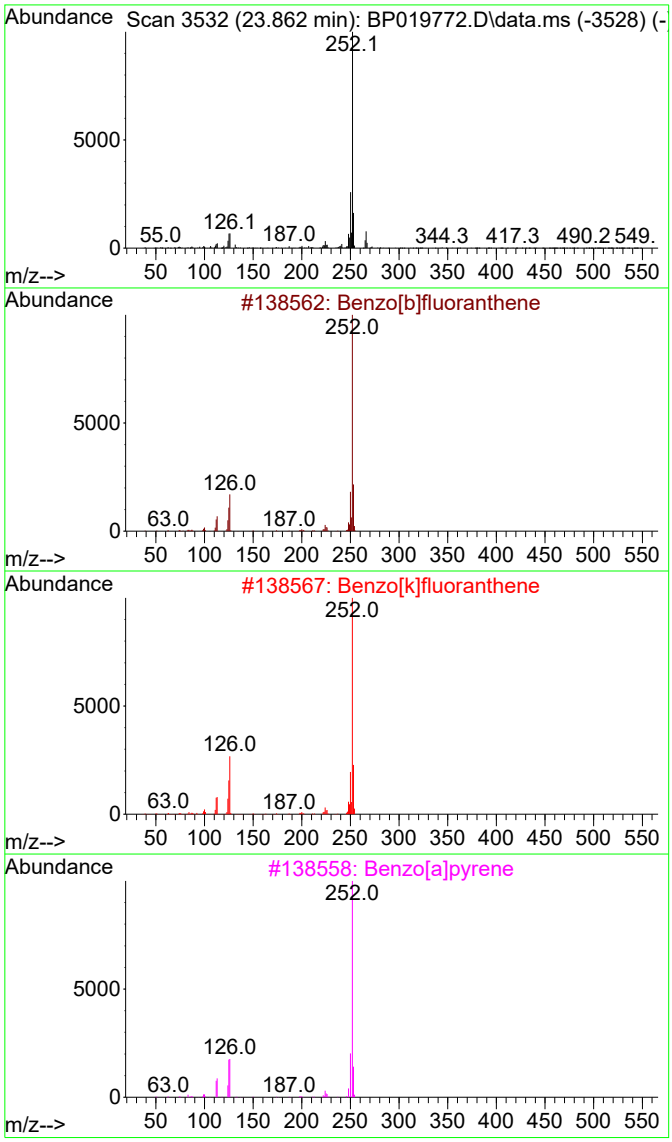
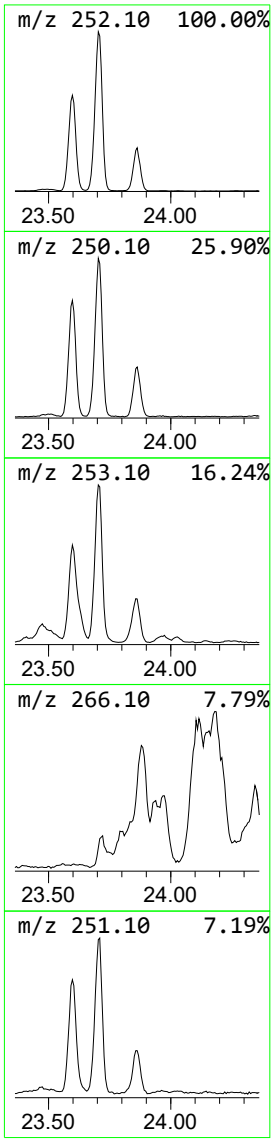
Peak Number 20 unknown23.863 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.863	18.86 ng	1238460	Perylene-d12	23.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
3	Benzo[a]pyrene	252	C20H12	000050-32-8	70
4	Benzo[e]pyrene	252	C20H12	000192-97-2	70
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019772.D
Acq On : 19 Feb 2024 20:18
Operator : MA/JU
Sample : P1505-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2D

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
2-Pentanone, 4-...	5.016	10.8	ng	251930	1	7.899	468882	20.0
Phenanthrene, 2...	18.157	5.8	ng	303869	4	17.292	1049430	20.0
Phenanthrene, 1...	18.204	13.0	ng	682949	4	17.292	1049430	20.0
1H-Indene, 2-ph...	18.286	3.8	ng	199489	4	17.292	1049430	20.0
4H-Cyclopenta[d...	18.345	13.9	ng	731249	4	17.292	1049430	20.0
Anthracene, 2-m...	18.380	3.5	ng	183617	4	17.292	1049430	20.0
Naphthalene, 2-...	18.645	4.8	ng	254671	4	17.292	1049430	20.0
Phenanthrene, 3...	18.880	2.1	ng	110682	4	17.292	1049430	20.0
Phenanthrene, 2...	18.927	2.5	ng	133572	4	17.292	1049430	20.0
9,10-Dimethylan...	19.045	8.1	ng	422385	4	17.292	1049430	20.0
unknown19.110	19.110	2.9	ng	153068	4	17.292	1049430	20.0
Cyclopenta(def)...	19.186	9.4	ng	493207	4	17.292	1049430	20.0
Pyrene, 1-methyl-	19.974	2.6	ng	879389	5	21.386	6728570	20.0
11H-Benzo[b]flu...	20.139	3.7	ng	1257190	5	21.386	6728570	20.0
Fluoranthene, 2...	20.239	3.2	ng	1086460	5	21.386	6728570	20.0
Pyrene, 2-methyl-	20.292	2.2	ng	726601	5	21.386	6728570	20.0
Benzo[ghi]fluor...	21.110	2.7	ng	911426	5	21.386	6728570	20.0
Benzo[e]pyrene	23.257	13.4	ng	883271	6	23.810	1313290	20.0
Benzo[j]fluoran...	23.598	39.6	ng	2599390	6	23.810	1313290	20.0
unknown23.863	23.863	18.9	ng	1238460	6	23.810	1313290	20.0