LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

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-BP021725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.917	305	311	319	rBV	332682	472941	2.37%	0.307%
2	5.375	382	389	402	rBV	7528897	10716987	53.66%	6.955%
3	6.940	644	655	672	rBV	7092546	11064140	55.40%	7.181%
4	7.758	787	794	801	rVB	1418619	2146627	10.75%	1.393%
5	8.905	981	989	999	rBV	4287501	6913737	34.62%	4.487%
6	9.463	1074	1084	1091	rBV	190642	304134	1.52%	0.197%
7	10.534	1258	1266	1273	rBV	1773766	2950341	14.77%	1.915%
8	12.999	1677	1685	1699	rBV	10262031	15550196	77.86%	10.092%
9	14.104	1868	1873	1882	rBV	186529	286499	1.43%	0.186%
10	14.393	1911	1922	1928	rBV	2463668	3661579	18.33%	2.376%
11	14.451	1928	1932	1939	rVB	164558	242689	1.22%	0.158%
12	15.451	2097	2102	2114	rVB	192683	319865	1.60%	0.208%
13	15.775	2149	2157	2165	rVB	817439	1204678	6.03%	0.782%
14	15.904	2171	2179	2189	rBV	8112770	11652546	58.34%	7.563%
15	16.834	2332	2337	2346	rVB2	194430	317305	1.59%	0.206%
16	17.004	2362	2366	2375	rVB	170120	262477	1.31%	0.170%
17	17.187	2391	2397	2401	rBV	2692505	3997673	20.02%	2.595%
18	17.234	2401	2405	2413	rVV	2831629	4207586	21.07%	2.731%
19	17.328	2413	2421	2427	rVB	576378	793405	3.97%	0.515%
20	17.610	2460	2469	2474	rBV	265784	486577	2.44%	0.316%
21	17.786	2495	2499	2506	rVB	147501	208803	1.05%	0.136%
22	18.098	2543	2552	2555	rBV2	540558	883156	4.42%	0.573%
23	18.139	2555	2559	2570	rVV2	1948479	3186979	15.96%	2.068%
24	18.228	2571	2574	2579	rVV	188856	317417	1.59%	0.206%
25	18.298	2580	2586	2590	rVV2	628001	1271006	6.36%	0.825%
26	18.334	2590	2592	2599	rVB	379224	505581	2.53%	0.328%
27	18.616	2636	2640	2643	rBV	372652	448380	2.25%	0.291%
28	18.657	2643	2647	2654	rVB2	403731	554418	2.78%	0.360%
29	18.928	2688	2693	2696	rVV	182657	248593	1.24%	0.161%
30	19.045	2709	2713	2718	rVB	403109	578195	2.90%	0.375%
31	19.104	2718	2723	2727	rBV3	178805	329754	1.65%	0.214%
32	19.186	2733	2737	2745	rVB	312757	512173	2.56%	0.332%
33	19.322	2754	2760	2765	rBV	5496703	7631293	38.21%	4.953%
34	19.463	2780	2784	2790	rVB3	682868	1068817	5.35%	0.694%
35	19.698	2812	2824	2833	rVV	4713020	7692851	38.52%	4.993%
36	19.775	2833	2837	2843	rVB2	286860	433018	2.17%	0.281%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

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-BP021725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.916	2851	2861	2866	rBV	16213432	19972120	100.00%	12.962%
38	20.045	2876	2883	2888	rBV3	333900	829043	4.15%	0.538%
39	20.175	2901	2905	2908	rBV4	228766	435024	2.18%	0.282%
40	20.210	2909	2911	2917	rVB3	429711	616416	3.09%	0.400%
41	20.322	2927	2930	2934	rBV2	255534	299654	1.50%	0.194%
42	20.380	2935	2940	2944	rBV2	429167	646530	3.24%	0.420%
43	20.522	2960	2964	2968	rVB2	270124	342732	1.72%	0.222%
44	20.569	2969	2972	2977	rVV	255189	356515	1.79%	0.231%
45	21.010	3043	3047	3054	rVB	607581	822156	4.12%	0.534%
46	21.251	3085	3088	3092	rVB	302201	353341	1.77%	0.229%
47	21.316	3092	3099	3103	rVV3	585938	1392298	6.97%	0.904%
48	21.357	3104	3106	3121	rVB	608800	963803	4.83%	0.626%
49	21.492	3126	3129	3138	rVB	276370	408175	2.04%	0.265%
50	21.645	3147	3155	3160	rBV2	3579561	7959470	39.85%	5.166%
51	21.692	3160	3163	3174	rVB	1871620	2949237	14.77%	1.914%
52	22.492	3296	3299	3305	rVB3	180455	301600	1.51%	0.196%
53	23.957	3542	3548	3558	rBV2	956509	3317831	16.61%	2.153%
54	24.721	3673	3678	3693	rVB2	659907	1866919	9.35%	1.212%
55	24.874	3698	3704	3714	rVB	791061	2111389	10.57%	1.370%
56	25.033	3723	3731	3740	rBV	1618042	4713511	23.60%	3.059%

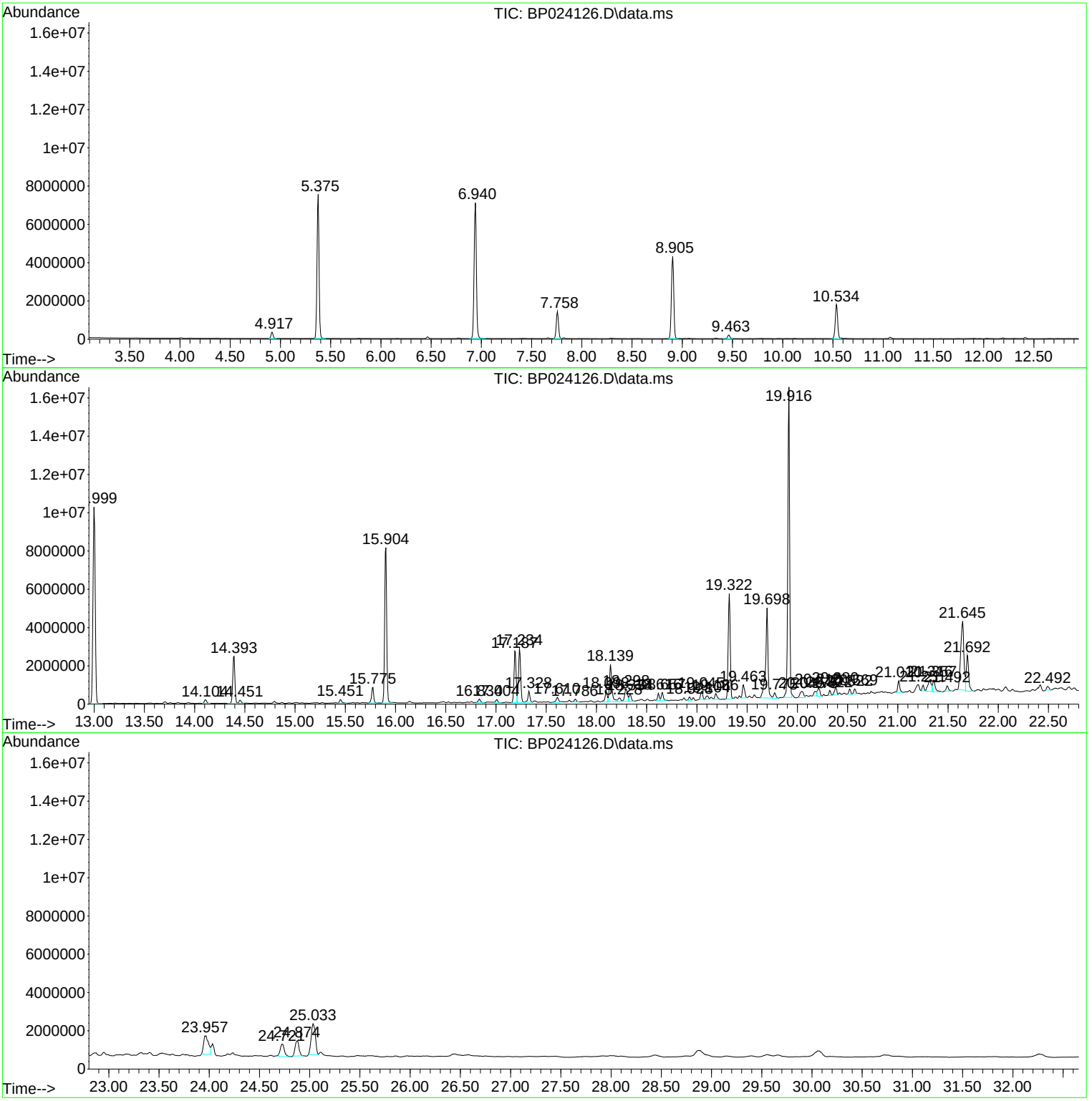
Sum of corrected areas: 154080180

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.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\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

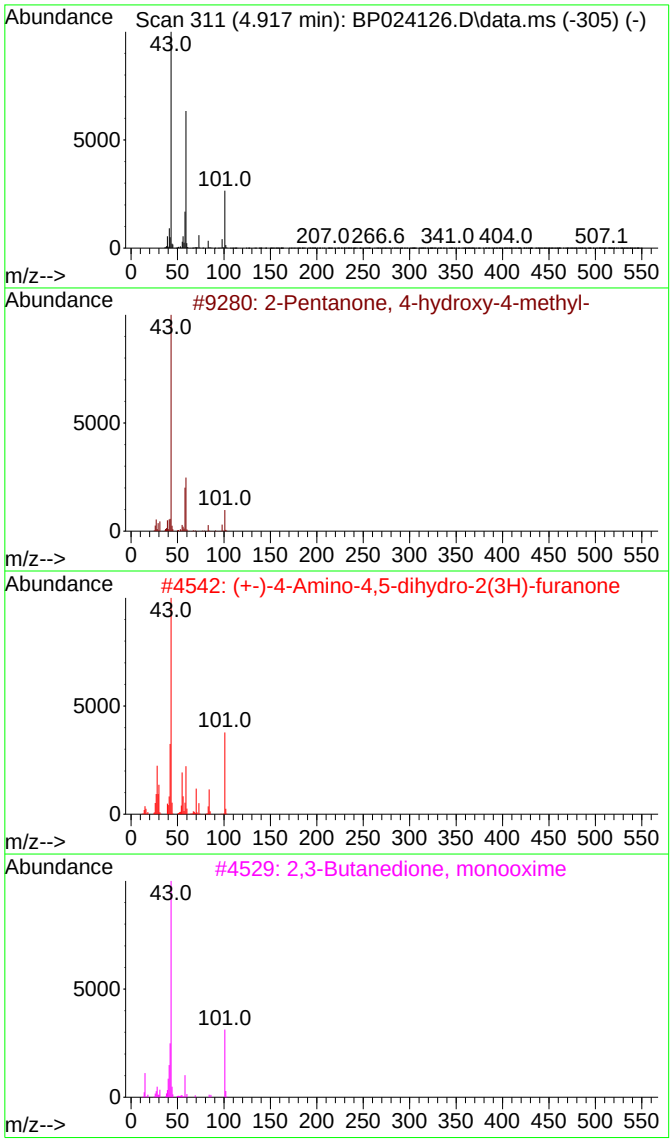
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

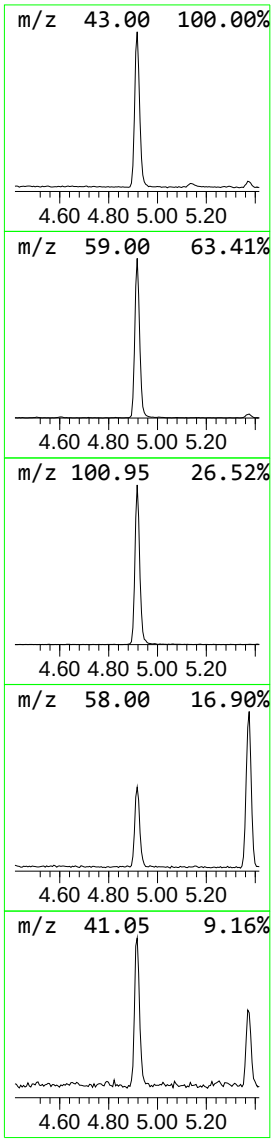
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.917	4.41 ng	472941	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	23
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

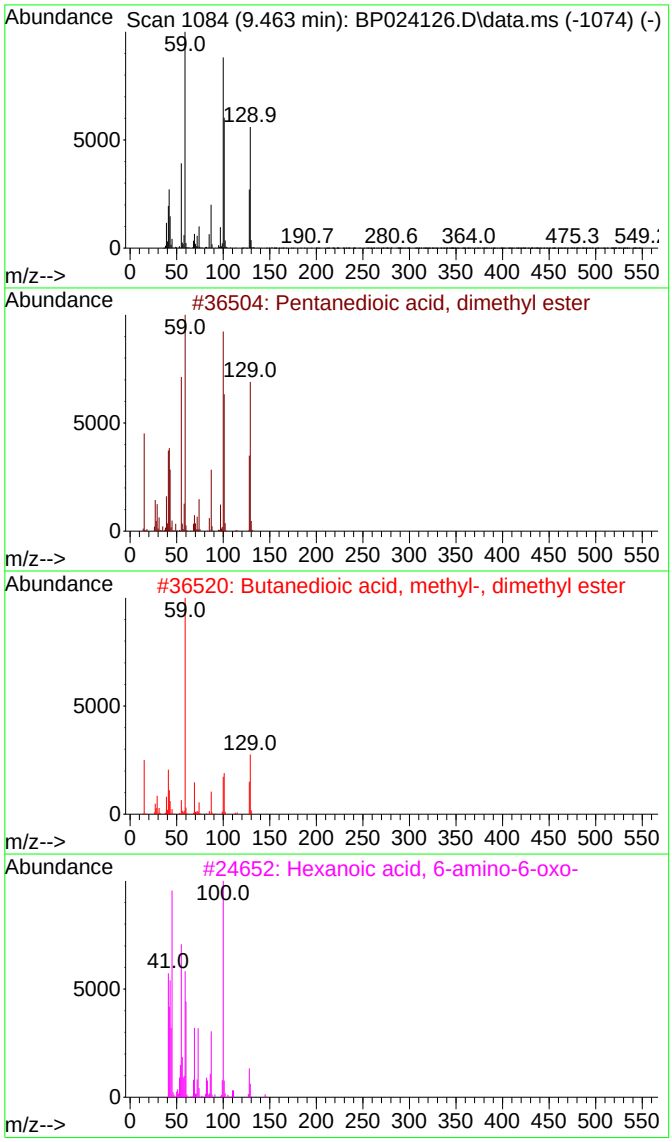
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

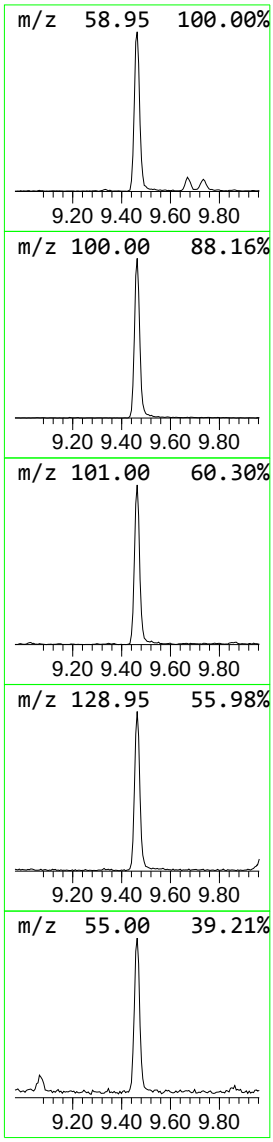
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentanedioic acid, dimethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	2.06 ng	304134	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	91
2	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	50
3	Hexanoic acid, 6-amino-6-oxo-	145	C6H11NO3	000334-25-8	27
4	Butanoic acid, 4-iodo-, methyl e...	228	C5H9IO2	014273-85-9	25
5	3-Methyl-2-butenoic acid, heptad...	338	C22H42O2	1000282-89-9	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

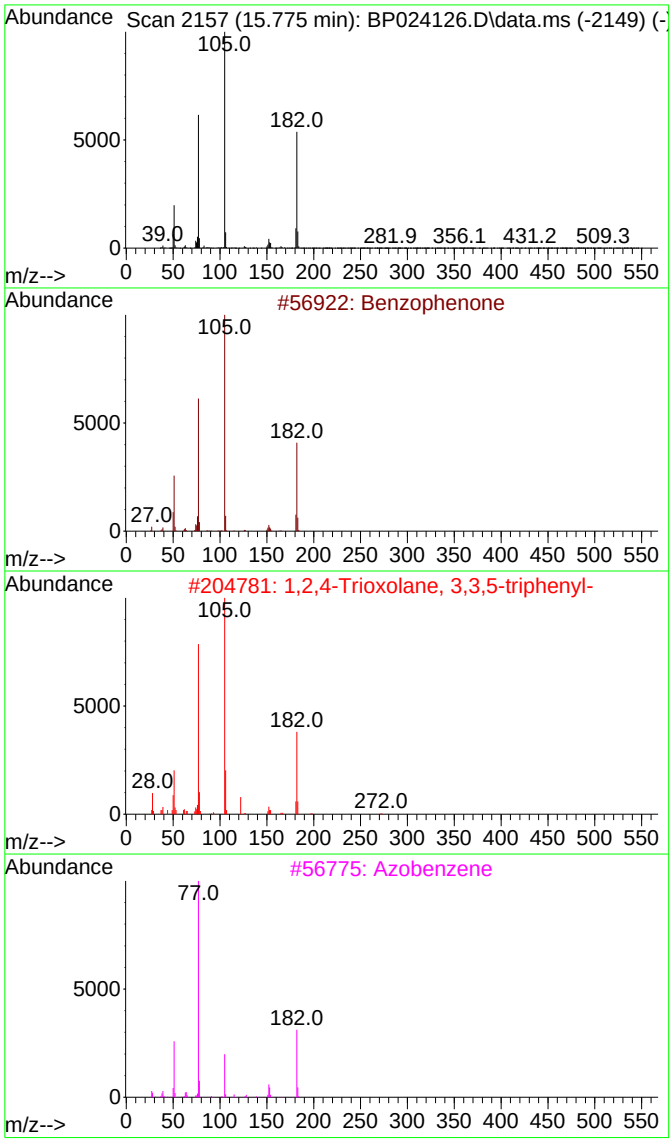
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

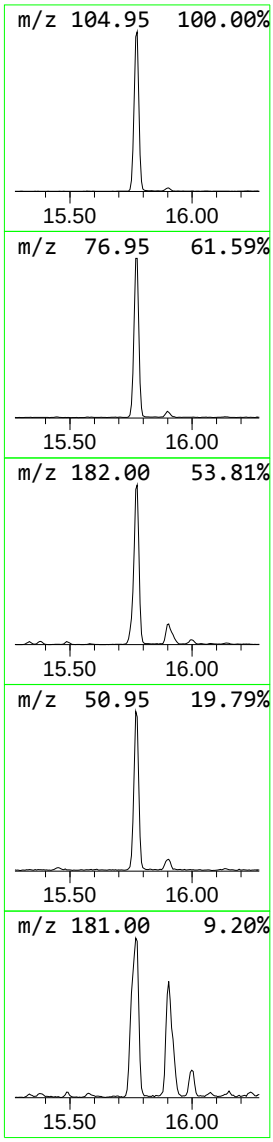
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.775	6.58 ng	1204680	Acenaphthene-d10	14.393

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Azobenzene	182	C12H10N2	000103-33-3	53
4	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	42
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

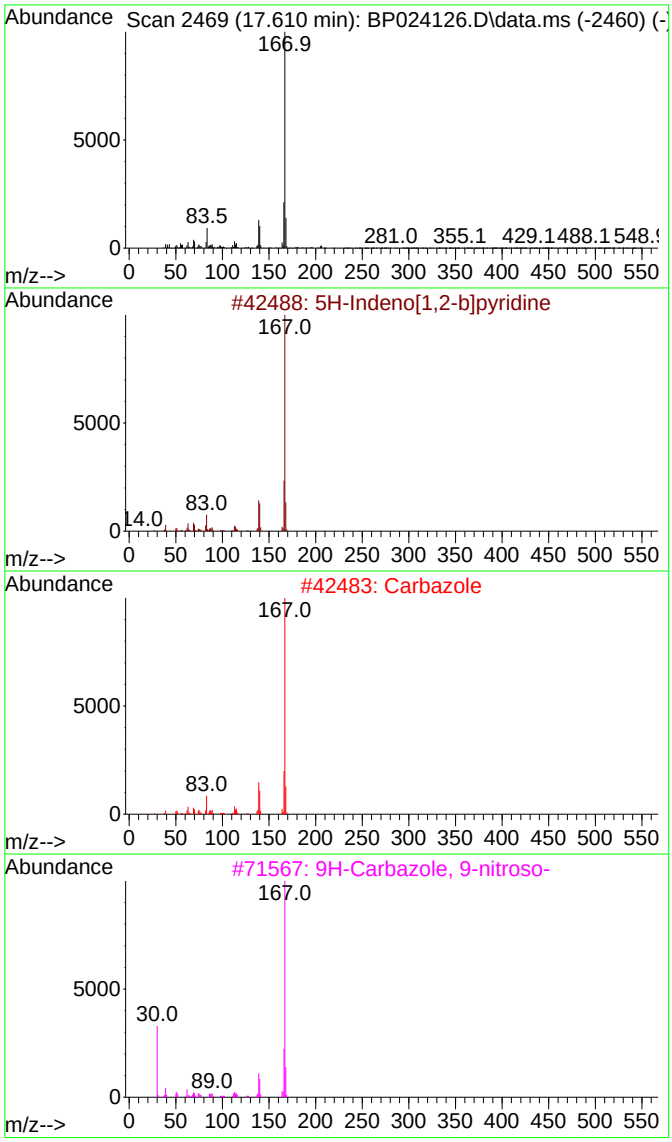
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

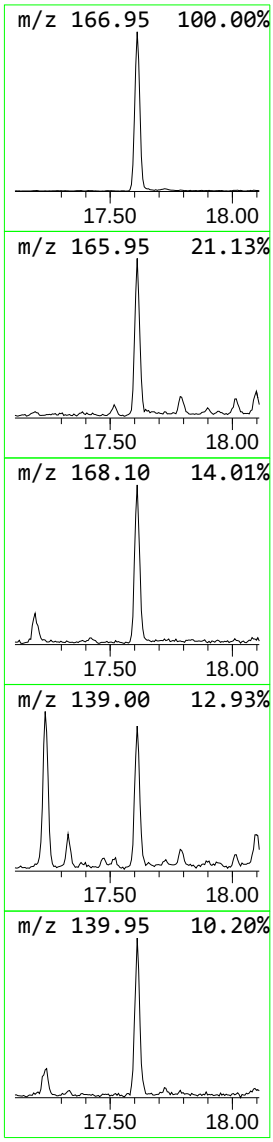
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.610	2.43 ng	486577	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
4	2-Azafluorene	167	C12H9N	000244-40-6	64
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	56





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Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

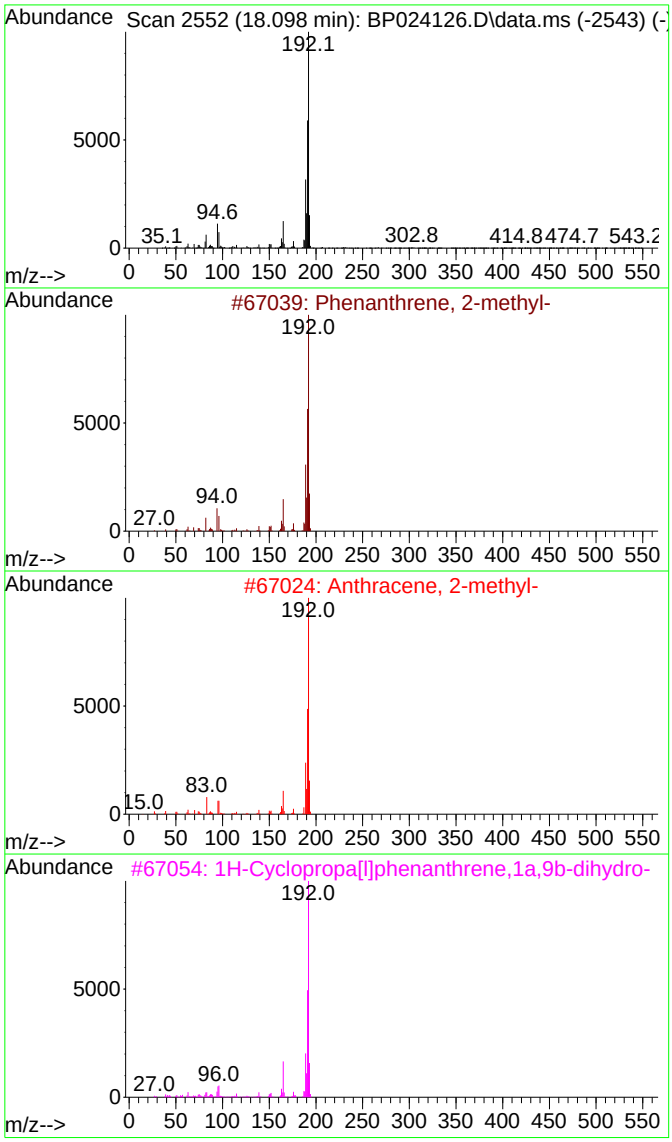
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

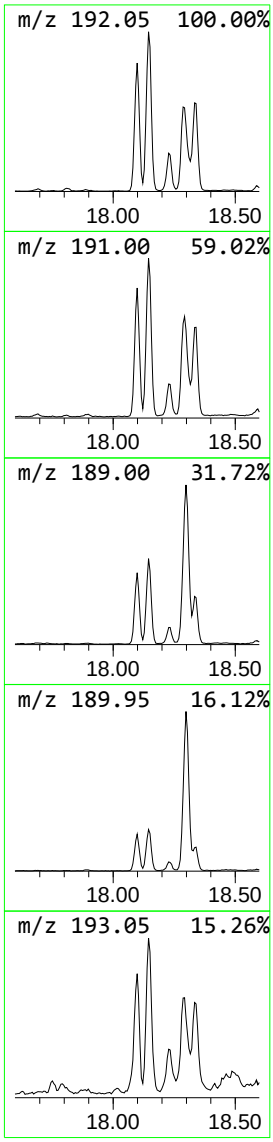
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	4.42 ng	883156	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

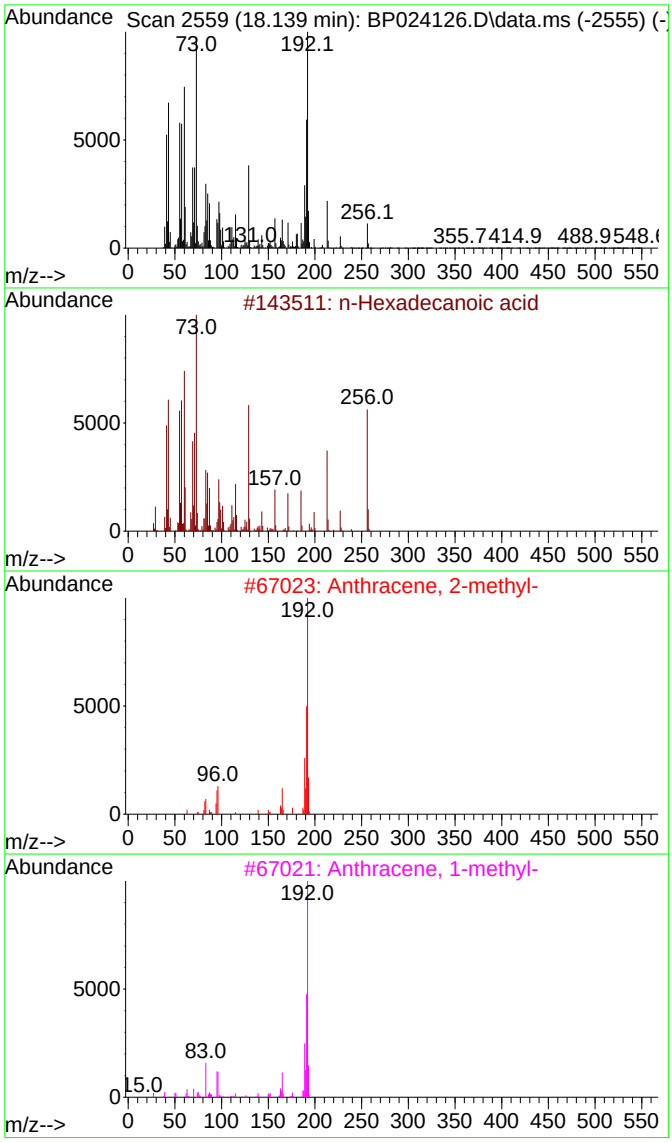
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

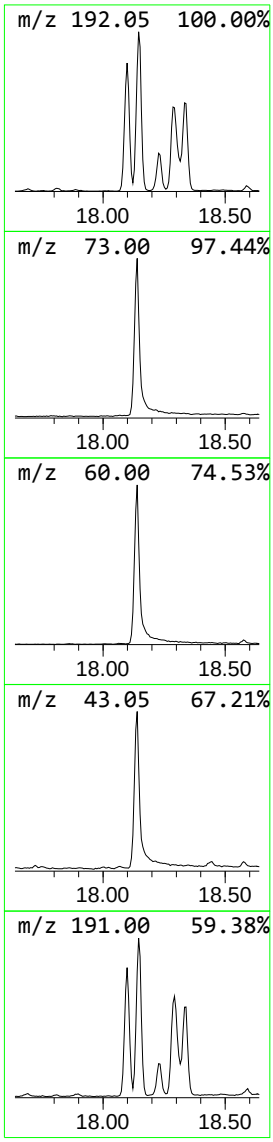
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	15.94 ng	3186980	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

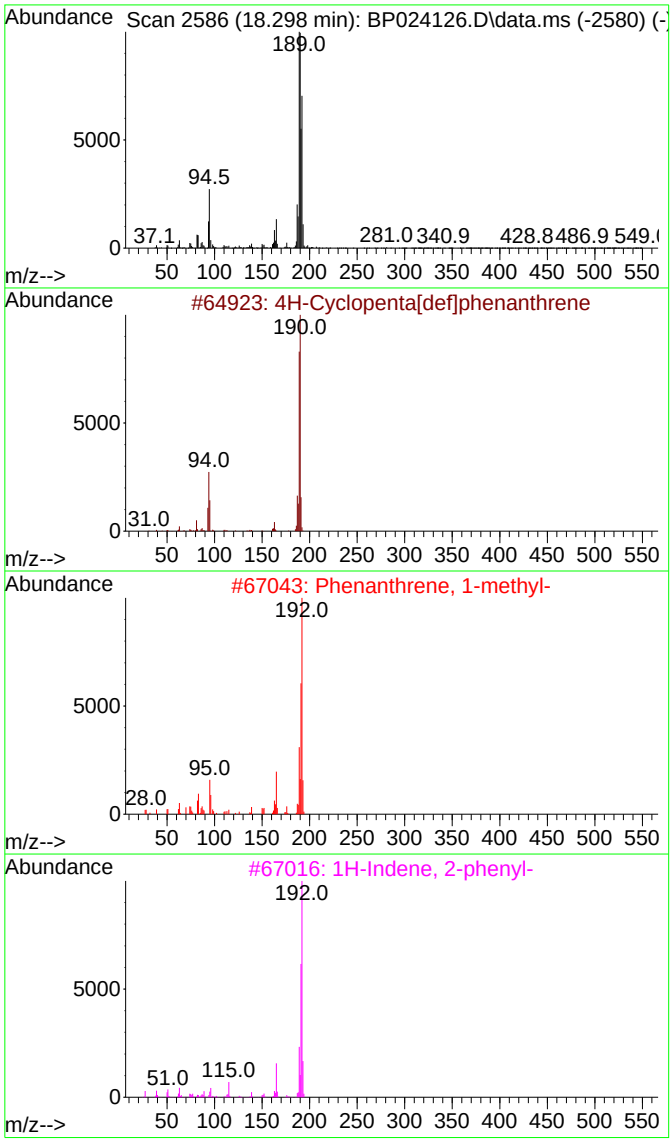
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

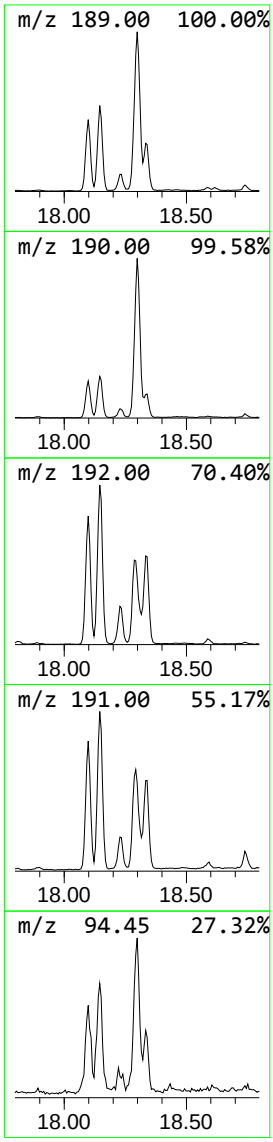
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	6.36 ng	1271010	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024126.D
Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

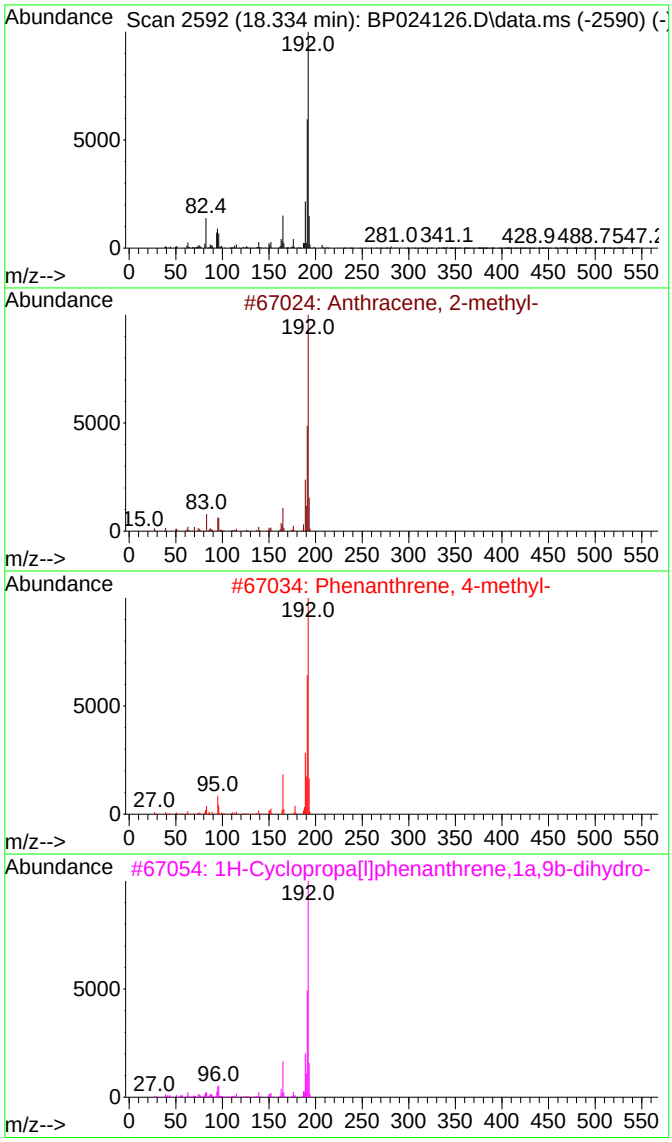
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

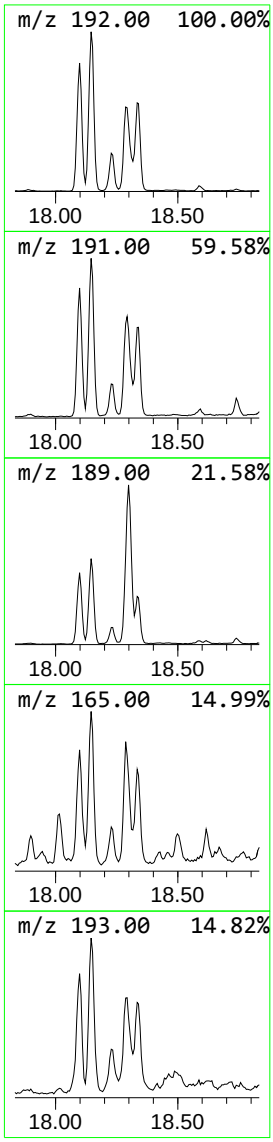
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	2.53 ng	505581	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91





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Acq On : 27 Feb 2025 19:16
Operator : RC/JU
Sample : Q1442-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

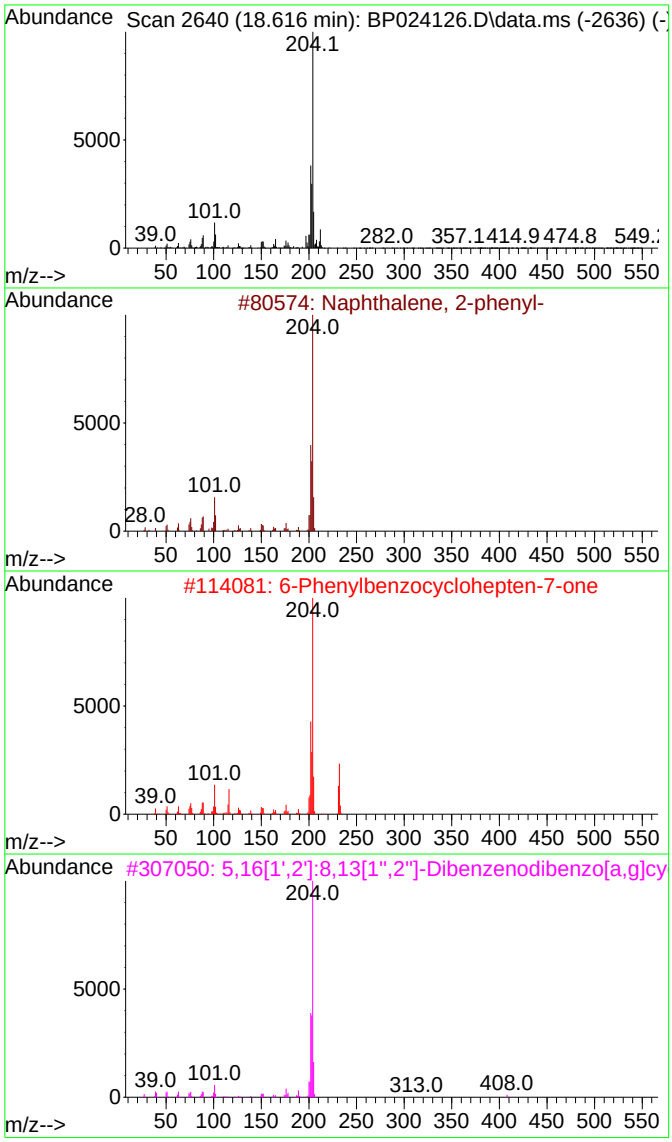
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

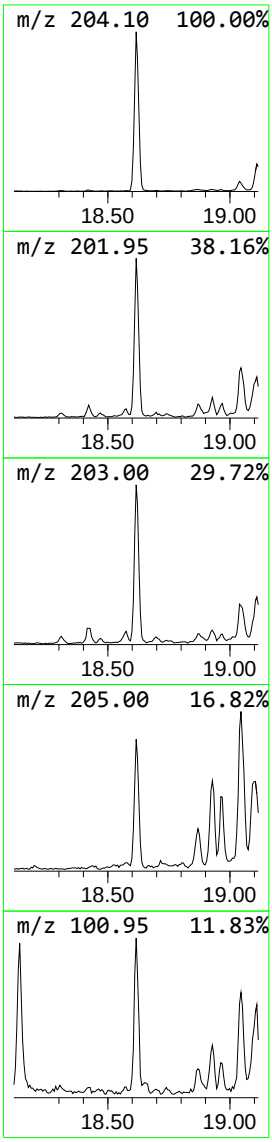
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	2.24 ng	448380	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Sample : Q1442-03
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

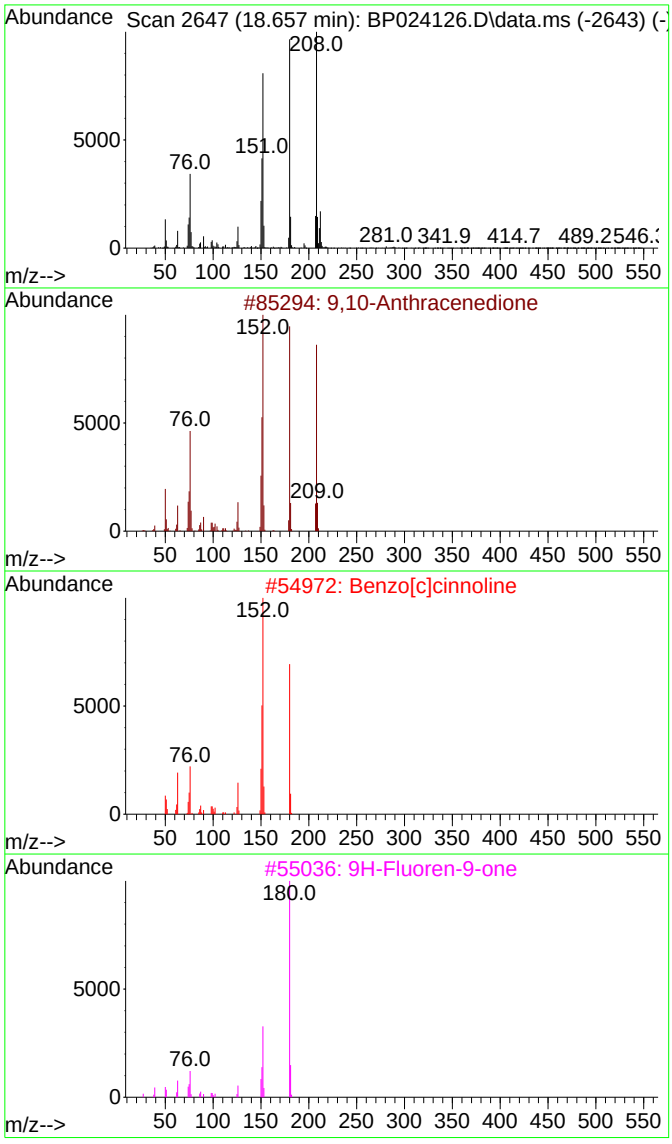
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

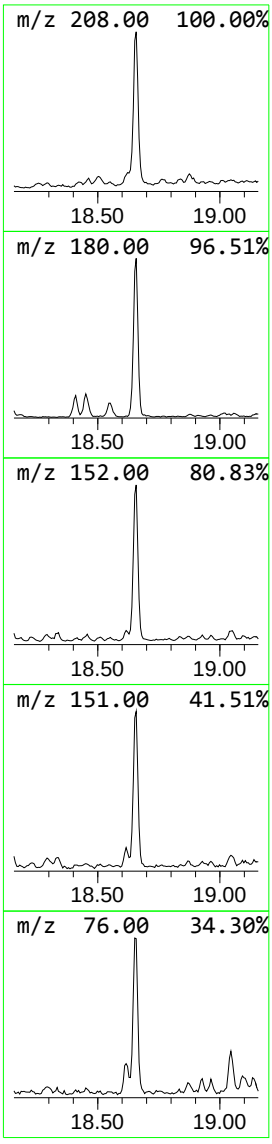
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	2.77 ng	554418	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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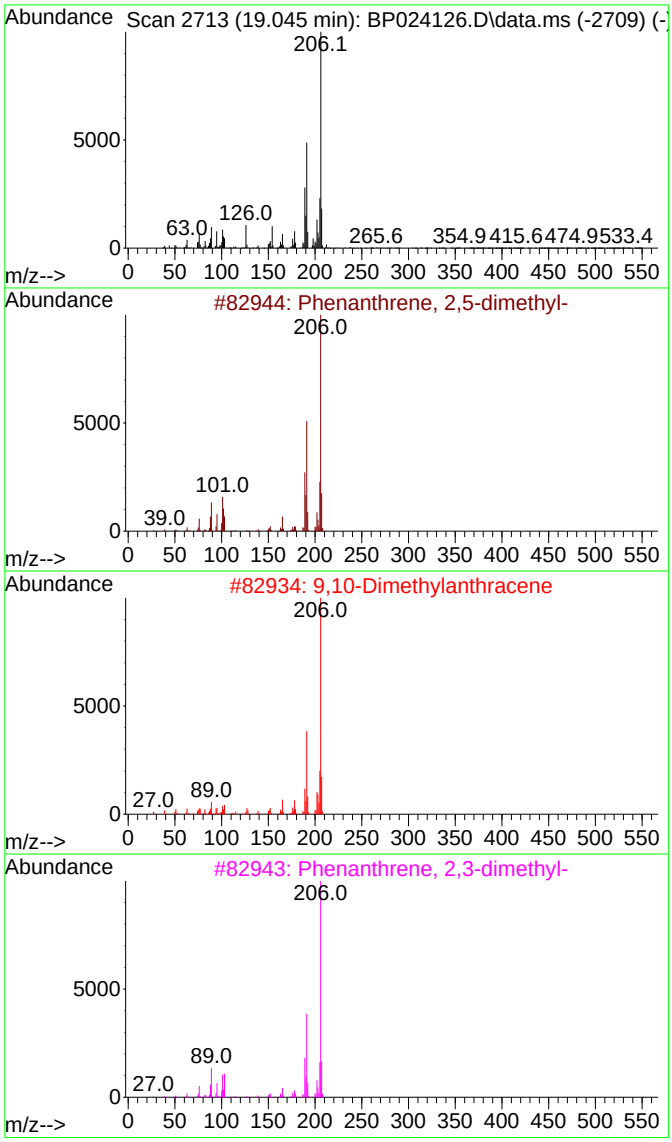
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

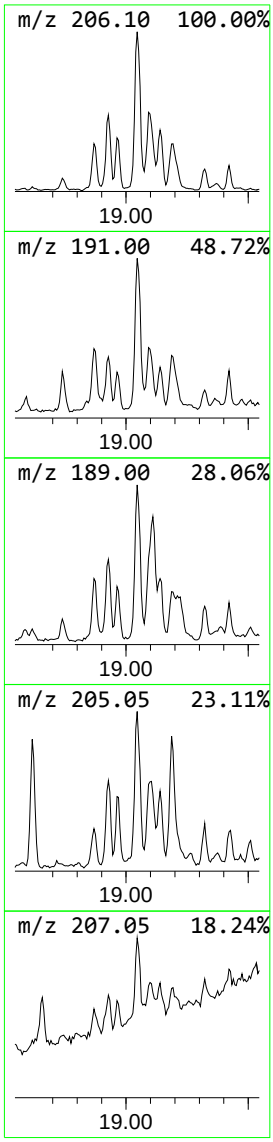
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	2.89 ng	578195	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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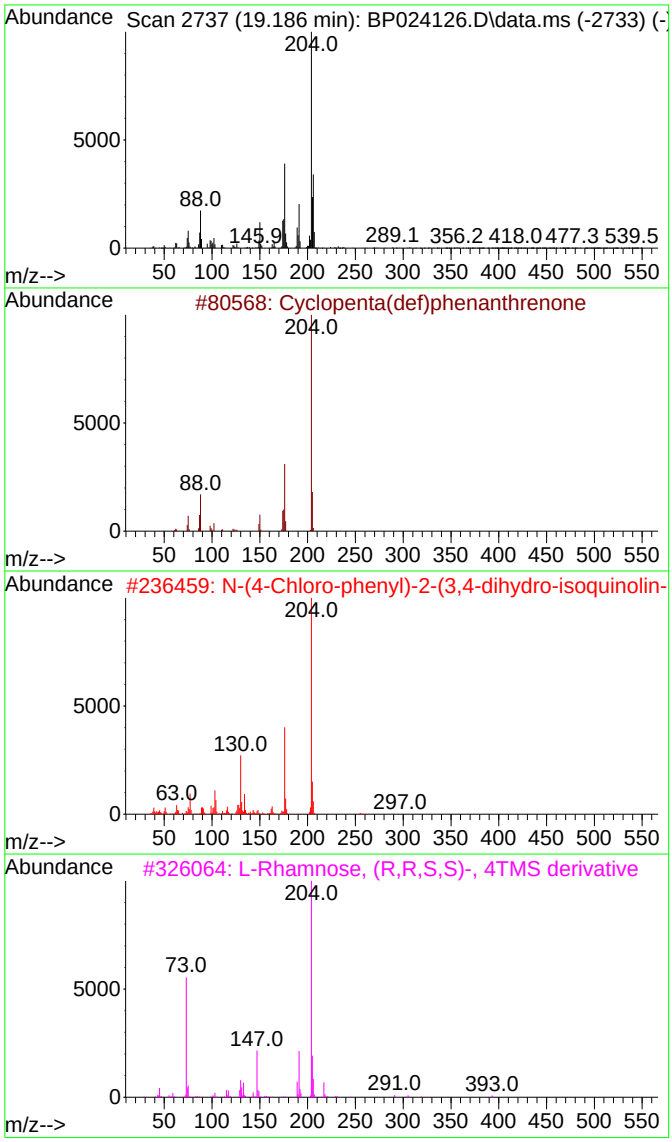
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

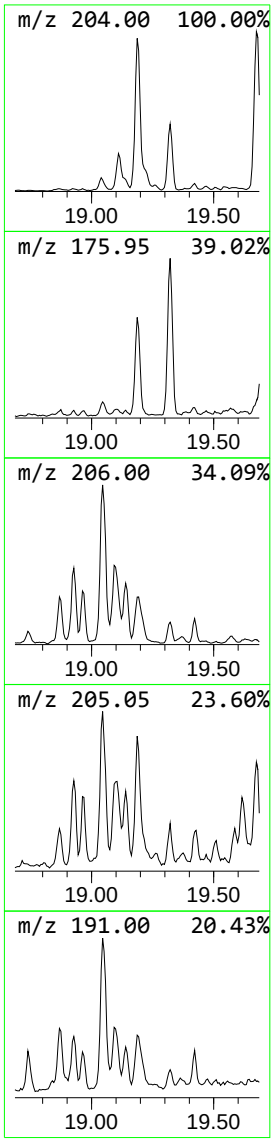
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	2.56 ng	512173	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	47
3	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
4	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	43
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43





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ALS Vial : 14 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

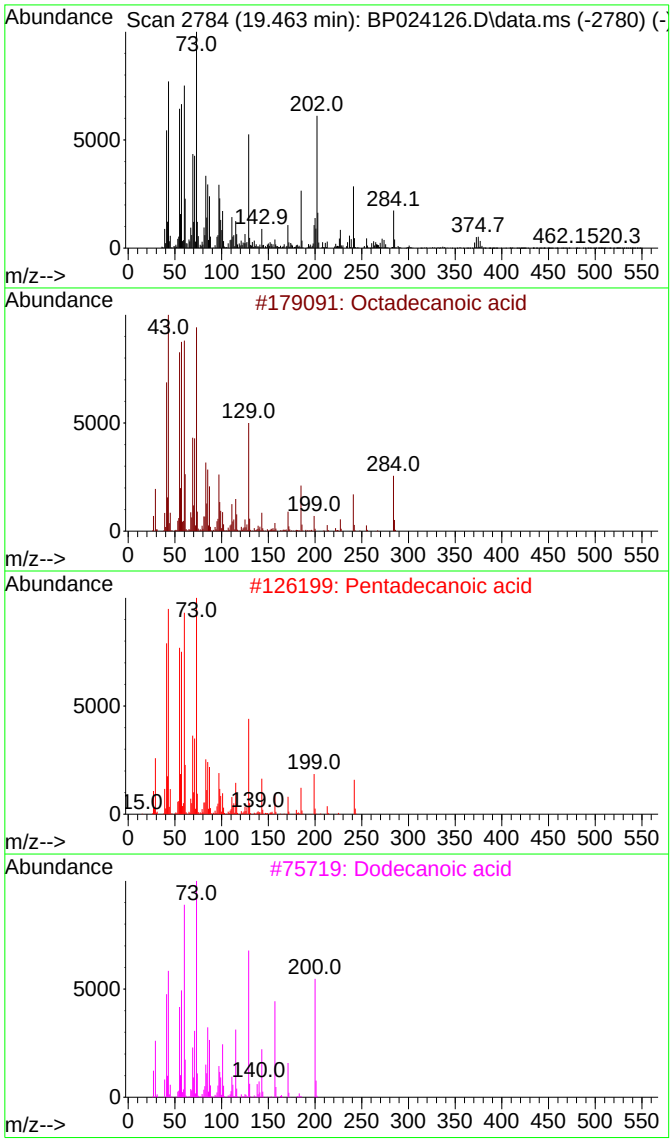
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

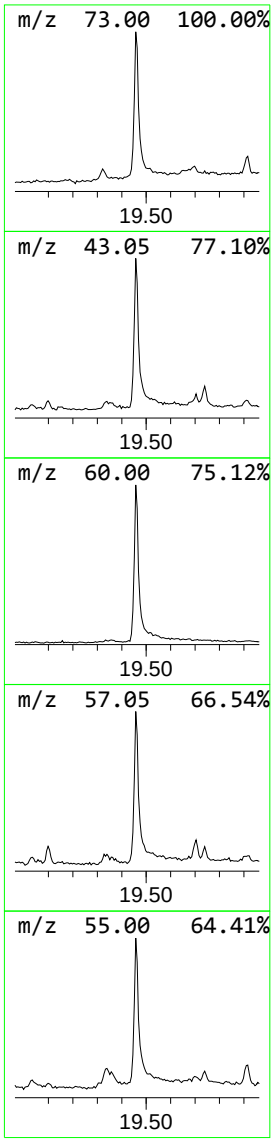
****

Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	2.69 ng	1068820	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	60
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	50





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

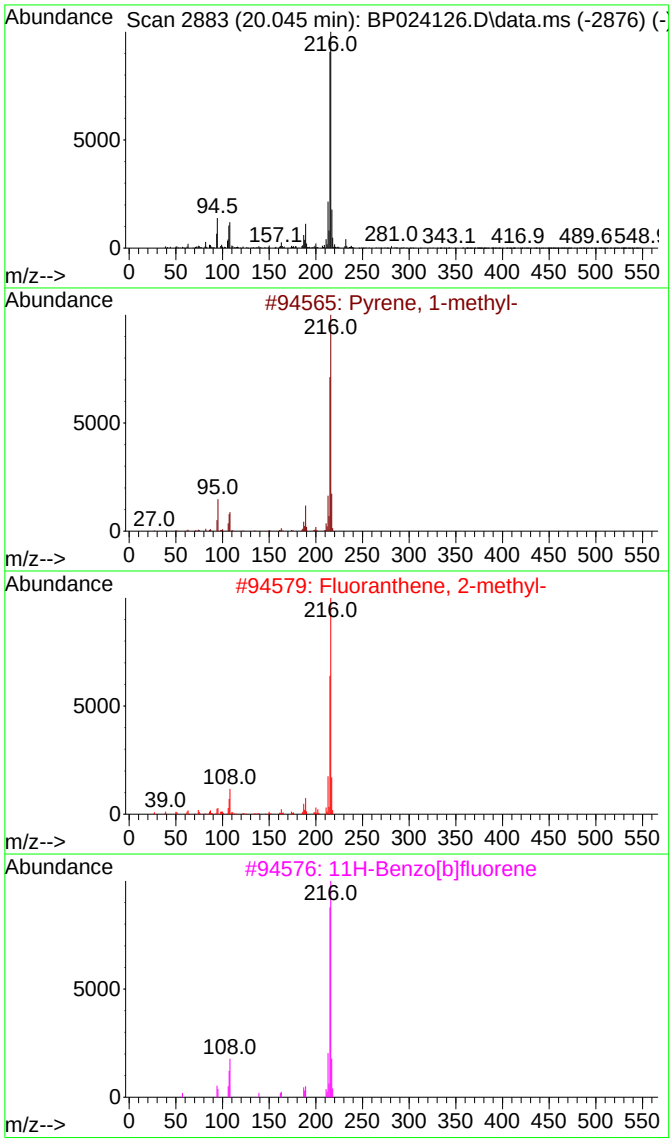
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

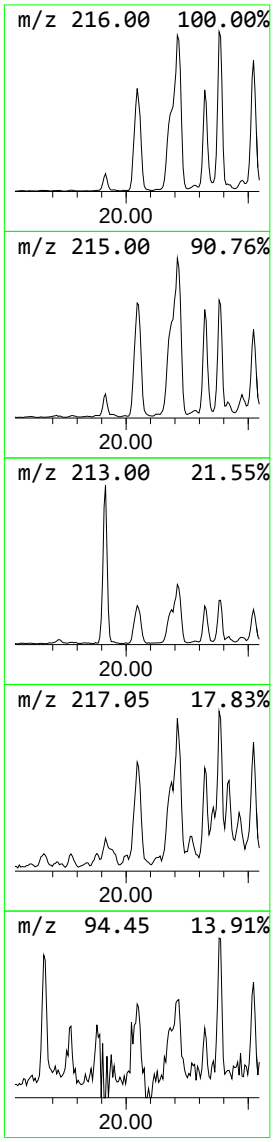
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	2.08 ng	829043	Chrysene-d12	21.645

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	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

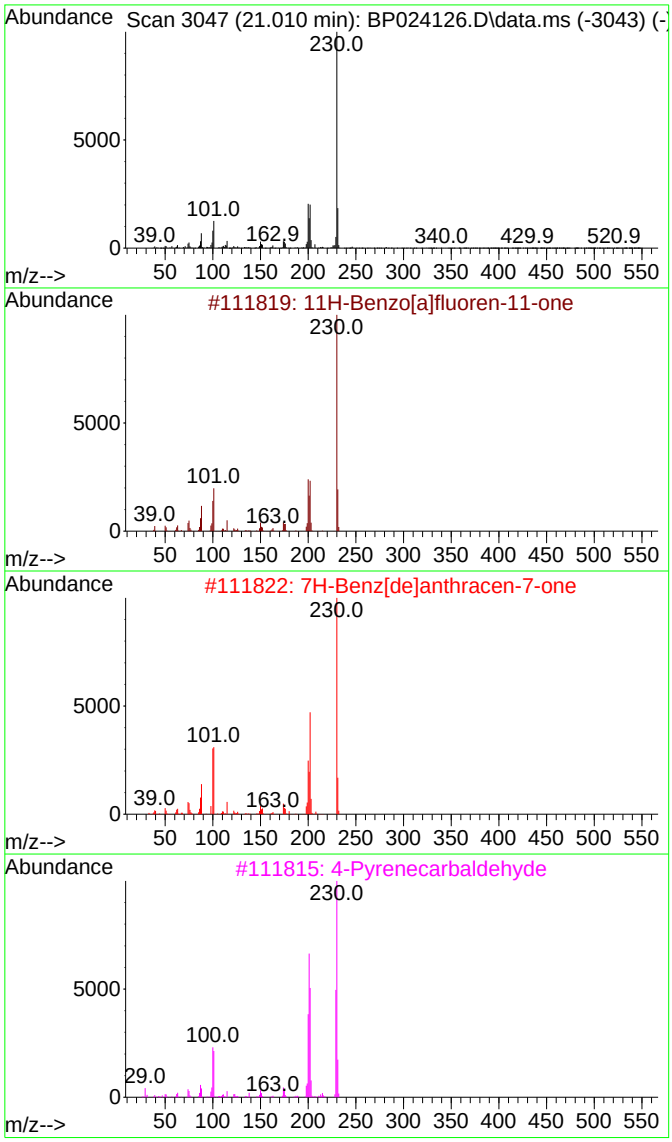
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

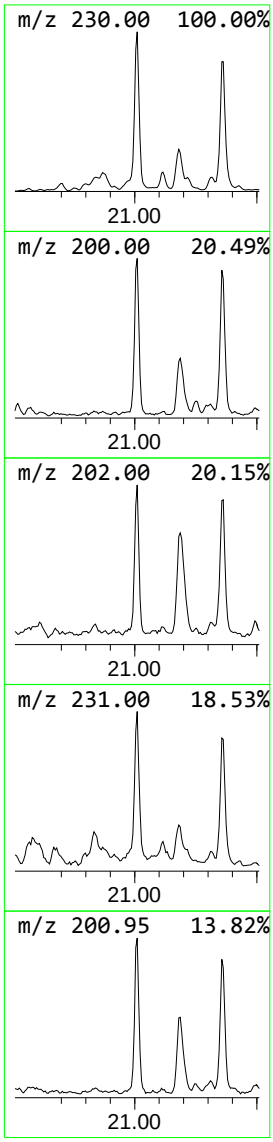
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	2.07 ng	822156	Chrysene-d12	21.645

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	87
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
5	o-Terphenyl	230	C18H14	000084-15-1	64





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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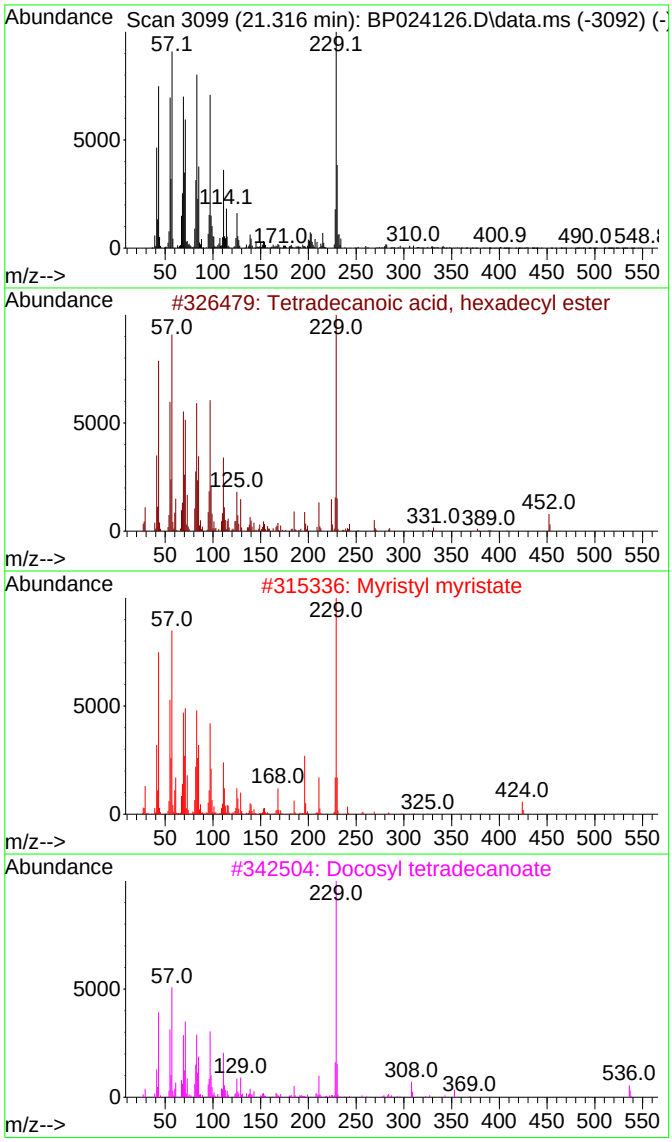
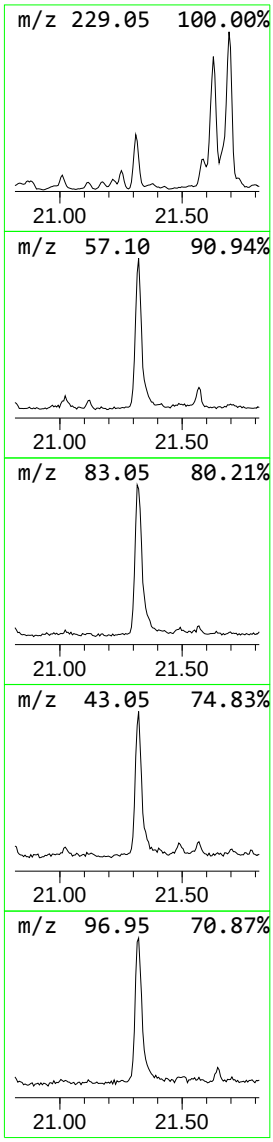
****
Peak Number 16 Tetradecanoic acid, hexadec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	3.50 ng	1392300	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	59
2	Myristyl myristate	424	C28H56O2	003234-85-3	50
3	Docosyl tetradecanoate	537	C36H72O2	042232-05-3	38
4	Benz[a]anthracene, 7,12-dihydro-	230	C18H14	016434-59-6	38
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	25





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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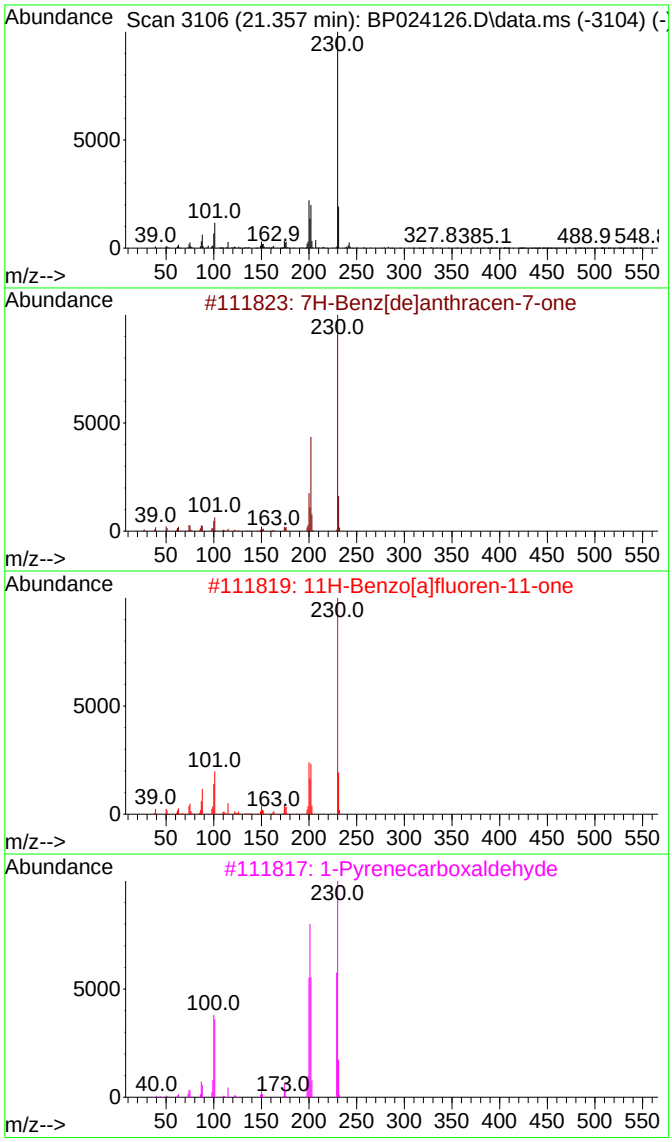
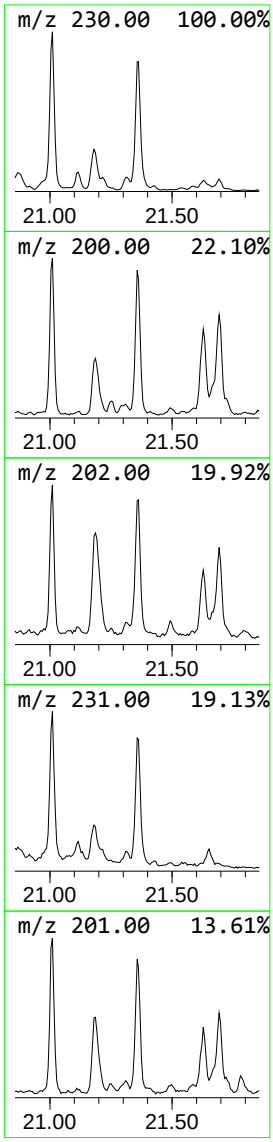
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.357	2.42 ng	963803	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	80
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
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TIC Library : C:\Database\NIST20.L
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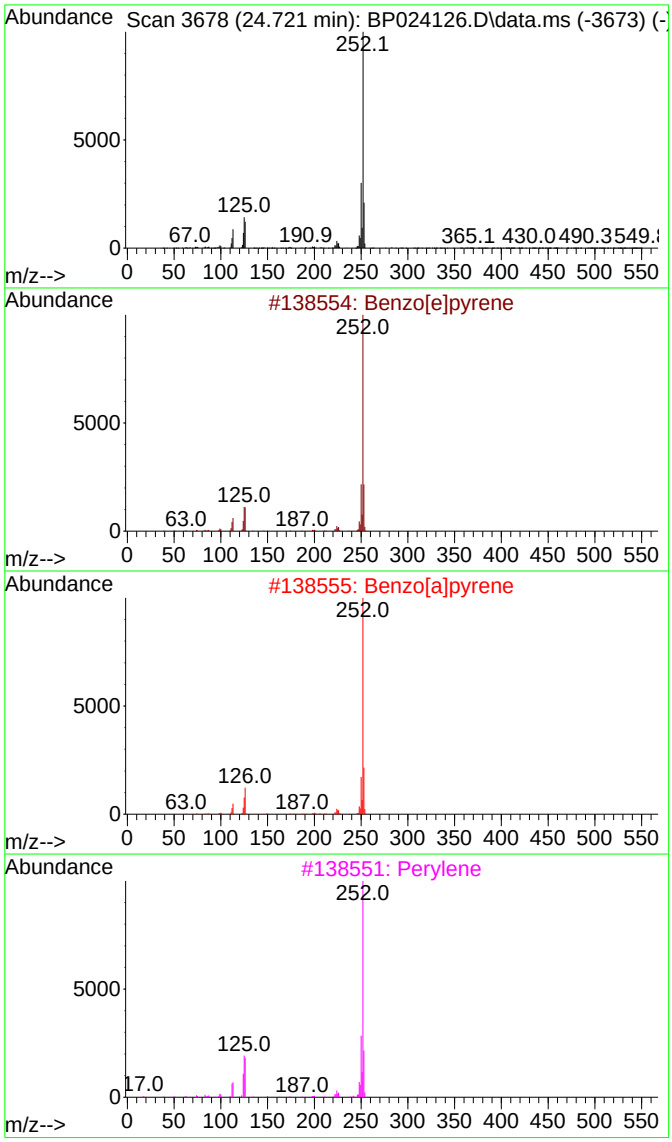
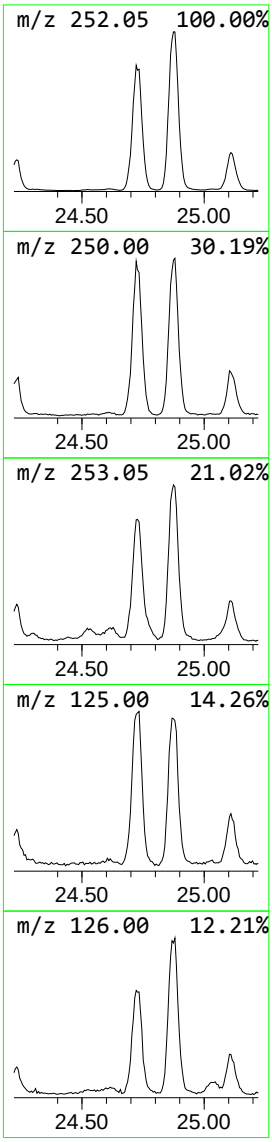
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.721	7.92 ng	1866920	Perylene-d12	25.033

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	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

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Data File : BP024126.D
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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-...	4.917	4.4	ng	472941	1	7.758	2146630	20.0
Pentanedioic ac...	9.463	2.1	ng	304134	2	10.534	2950340	20.0
Benzophenone	15.775	6.6	ng	1204680	3	14.393	3661580	20.0
5H-Indeno[1,2-b...	17.610	2.4	ng	486577	4	17.186	3997670	20.0
Phenanthrene, 2...	18.098	4.4	ng	883156	4	17.186	3997670	20.0
n-Hexadecanoic ...	18.139	15.9	ng	3186980	4	17.186	3997670	20.0
4H-Cyclopenta[d...	18.298	6.4	ng	1271010	4	17.186	3997670	20.0
Anthracene, 2-m...	18.334	2.5	ng	505581	4	17.186	3997670	20.0
Naphthalene, 2-...	18.616	2.2	ng	448380	4	17.186	3997670	20.0
9,10-Anthracene...	18.657	2.8	ng	554418	4	17.186	3997670	20.0
Phenanthrene, 2...	19.045	2.9	ng	578195	4	17.186	3997670	20.0
Cyclopenta(def)...	19.186	2.6	ng	512173	4	17.186	3997670	20.0
Octadecanoic acid	19.463	2.7	ng	1068820	5	21.645	7959470	20.0
Pyrene, 1-methyl-	20.045	2.1	ng	829043	5	21.645	7959470	20.0
11H-Benzo[a]flu...	21.010	2.1	ng	822156	5	21.645	7959470	20.0
Tetradecanoic a...	21.316	3.5	ng	1392300	5	21.645	7959470	20.0
7H-Benz[de]anth...	21.357	2.4	ng	963803	5	21.645	7959470	20.0
Benzo[e]pyrene	24.721	7.9	ng	1866920	6	25.033	4713510	20.0