LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024429.D
Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024429.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	300	305	313	rBV	54576	81507	1.38%	0.127%
2	5.340	376	383	395	rBV	675760	1006651	17.05%	1.566%
3	6.905	641	649	665	rBV	670253	1133223	19.20%	1.762%
4	7.716	780	787	795	rBV	600200	917867	15.55%	1.428%
5	8.863	975	982	997	rBV	411870	681372	11.54%	1.060%
6	10.487	1249	1258	1264	rBV	789294	1315864	22.29%	2.047%
7	10.534	1264	1266	1272	rVB	49611	70746	1.20%	0.110%
8	12.952	1670	1677	1690	rBV	1248164	1798166	30.46%	2.797%
9	13.663	1792	1798	1802	rBV2	36930	63998	1.08%	0.100%
10	13.793	1816	1820	1826	rVB	41617	60323	1.02%	0.094%
11	14.057	1858	1865	1877	rBV	262845	451704	7.65%	0.703%
12	14.340	1905	1913	1920	rBV	1207518	1802259	30.53%	2.803%
13	14.404	1920	1924	1933	rVB	121682	199192	3.37%	0.310%
14	14.657	1957	1967	1973	rVV5	20105	62488	1.06%	0.097%
15	14.746	1977	1982	1989	rVB	90802	153075	2.59%	0.238%
16	14.963	2013	2019	2024	rBV3	41492	93802	1.59%	0.146%
17	15.234	2059	2065	2071	rVV2	57525	96185	1.63%	0.150%
18	15.398	2089	2093	2107	rVB	135827	280259	4.75%	0.436%
19	15.622	2127	2131	2136	rBV3	34042	71227	1.21%	0.111%
20	15.728	2141	2149	2160	rVB4	131026	281421	4.77%	0.438%
21	15.863	2165	2172	2181	rBV	1103392	1670808	28.30%	2.599%
22	16.098	2207	2212	2222	rVB6	72623	171846	2.91%	0.267%
23	16.434	2263	2269	2274	rVB4	29076	67422	1.14%	0.105%
24	16.716	2313	2317	2323	rVB3	48660	68877	1.17%	0.107%
25	16.792	2326	2330	2338	rVB	72508	130035	2.20%	0.202%
26	16.916	2347	2351	2355	rVV	176444	229875	3.89%	0.358%
27	16.969	2355	2360	2365	rVV	119768	165169	2.80%	0.257%
28	17.022	2365	2369	2374	rVB	51333	64295	1.09%	0.100%
29	17.151	2385	2391	2394	rBV	1422911	2123329	35.97%	3.302%
30	17.198	2394	2399	2406	rVV	1588429	2658787	45.04%	4.135%
31	17.292	2406	2415	2421	rVV	584627	974443	16.51%	1.516%
32	17.345	2421	2424	2432	rVB3	70342	131443	2.23%	0.204%
33	17.569	2456	2462	2468	rBV	156084	273816	4.64%	0.426%
34	17.757	2490	2494	2502	rVB4	57085	122840	2.08%	0.191%
35	18.051	2540	2544	2547	rBV	200599	283694	4.81%	0.441%
36	18.104	2547	2553	2560	rVB2	338276	669813	11.35%	1.042%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
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Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.192	2563	2568	2573	rVV	186249	262925	4.45%	0.409%
38	18.257	2574	2579	2584	rVV2	360542	717935	12.16%	1.117%
39	18.298	2584	2586	2592	rVB	186755	201854	3.42%	0.314%
40	18.469	2611	2615	2620	rVB3	47111	80917	1.37%	0.126%
41	18.575	2627	2633	2637	rBV2	165655	247930	4.20%	0.386%
42	18.616	2637	2640	2645	rVB2	119016	174830	2.96%	0.272%
43	18.828	2673	2676	2681	rVB	93163	122867	2.08%	0.191%
44	18.881	2681	2685	2688	rVV	152843	183429	3.11%	0.285%
45	18.916	2688	2691	2696	rVB	110732	154210	2.61%	0.240%
46	19.010	2701	2707	2711	rBV	325717	572123	9.69%	0.890%
47	19.075	2713	2718	2721	rVV2	168821	310032	5.25%	0.482%
48	19.110	2721	2724	2727	rVB	142340	164205	2.78%	0.255%
49	19.157	2727	2732	2738	rBV4	199134	355134	6.02%	0.552%
50	19.281	2748	2753	2760	rBV	3072065	4059982	68.77%	6.314%
51	19.357	2762	2766	2769	rBV2	91013	153622	2.60%	0.239%
52	19.434	2775	2779	2783	rBV	146734	205778	3.49%	0.320%
53	19.534	2792	2796	2799	rBV2	128199	183941	3.12%	0.286%
54	19.622	2806	2811	2812	rBV	435261	529488	8.97%	0.823%
55	19.651	2812	2816	2821	rVB	2655484	3653022	61.88%	5.681%
56	19.745	2827	2832	2837	rVB2	307530	487202	8.25%	0.758%
57	19.869	2847	2853	2866	rVB	2259984	3685052	62.42%	5.731%
58	19.998	2869	2875	2881	rBV4	297382	675767	11.45%	1.051%
59	20.145	2895	2900	2901	rBV4	276441	418316	7.09%	0.651%
60	20.175	2902	2905	2909	rVB2	473054	594218	10.07%	0.924%
61	20.269	2918	2921	2926	rVB2	252101	331268	5.61%	0.515%
62	20.333	2927	2932	2938	rVV	491920	814850	13.80%	1.267%
63	20.486	2955	2958	2962	rBV2	419979	527538	8.94%	0.820%
64	20.528	2962	2965	2969	rVB	342251	432404	7.32%	0.673%
65	20.957	3035	3038	3048	rVB	276517	576699	9.77%	0.897%
66	21.133	3064	3068	3069	rBV	204400	266991	4.52%	0.415%
67	21.157	3070	3072	3076	rVV2	341289	458458	7.77%	0.713%
68	21.198	3076	3079	3082	rVB	304005	337279	5.71%	0.525%
69	21.245	3083	3087	3094	rBV3	308456	612571	10.38%	0.953%
70	21.580	3136	3144	3149	rBV2	2391770	5903430	100.00%	9.181%
71	21.628	3149	3152	3164	rVB	1411603	2465935	41.77%	3.835%
72	22.345	3271	3274	3281	rVB	536260	850065	14.40%	1.322%
73	22.422	3283	3287	3294	rVB	288896	509315	8.63%	0.792%
74	23.869	3526	3533	3541	rBV	1102241	3524448	59.70%	5.481%
75	24.133	3574	3578	3586	rVB	261165	508263	8.61%	0.790%
76	24.616	3655	3660	3675	rVB	790751	2069201	35.05%	3.218%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
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Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.763	3679	3685	3696	rVB	1034748	2780732	47.10%	4.325%
78	24.921	3704	3712	3719	rBV	1080051	2705246	45.82%	4.207%

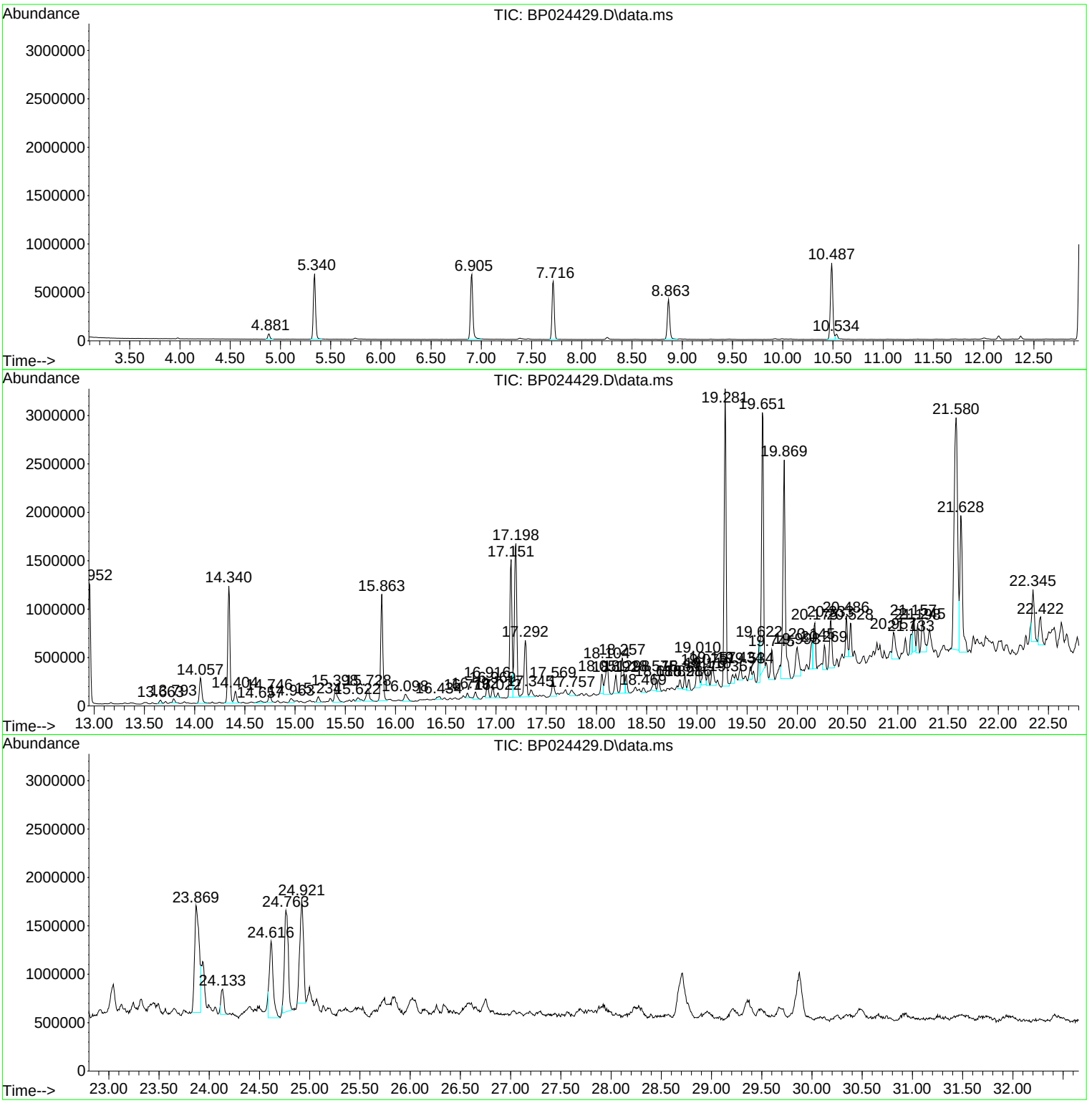
Sum of corrected areas: 64297293

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024429.D
Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP042525\
Data File : BP024429.D
Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

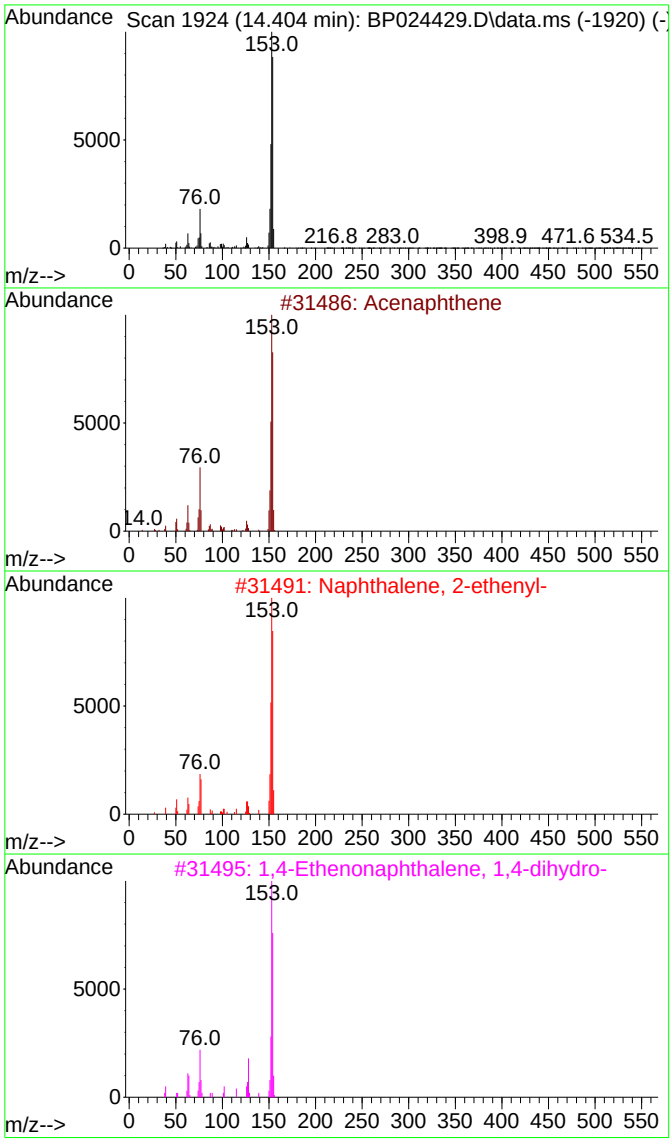
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

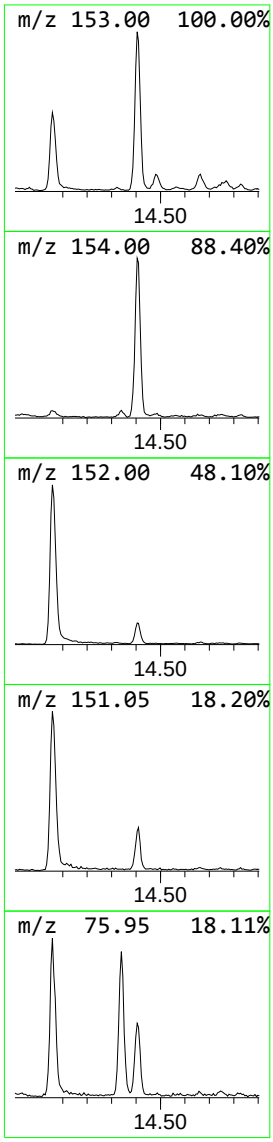
****

Peak Number 1 Naphthalene, 2-ethenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	2.21 ng	199192	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	76
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
3	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024429.D
Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

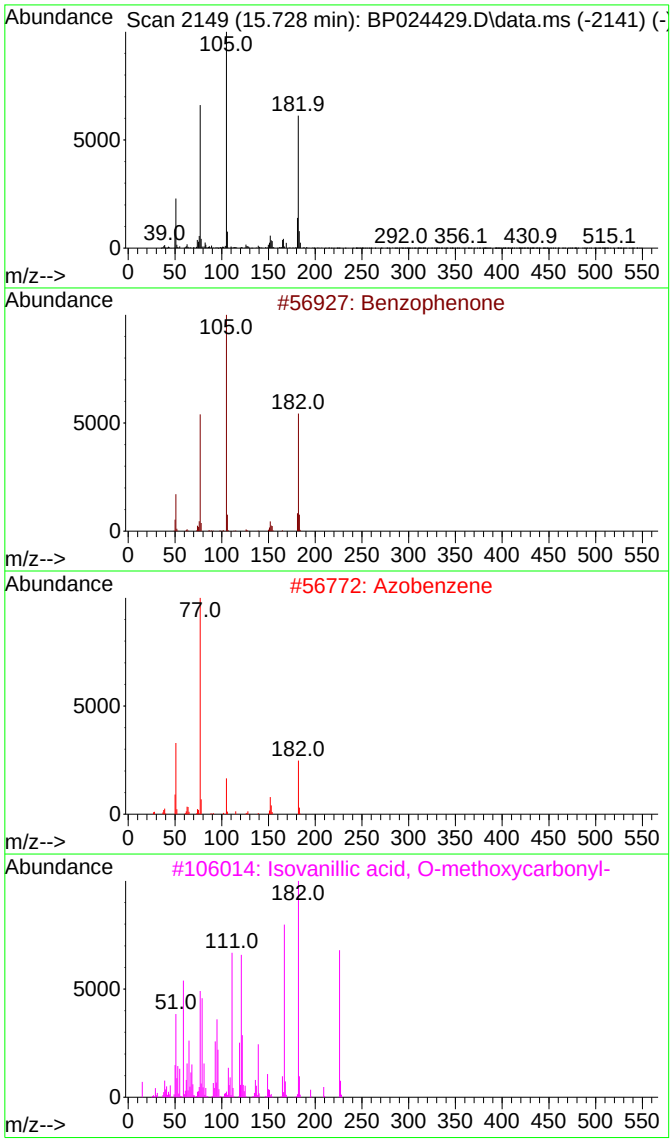
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

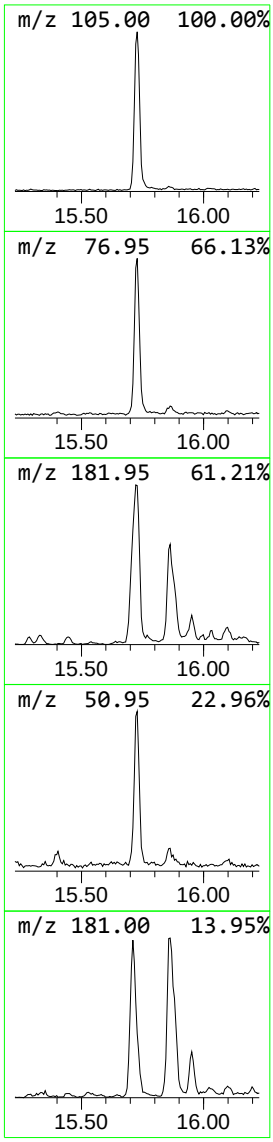
****

Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	3.12 ng	281421	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	43
3	Isovanillic acid, O-methoxycarbo...	226	C10H10O6	1000487-72-5	43
4	2,5-Dimethyl-7,7-diphenyl-3-aza-...	279	C18H17NO2	078950-91-1	38
5	7-Phosphabicyclo[2.2.1]hept-2-en...	182	C11H19P	1000151-83-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024429.D
Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

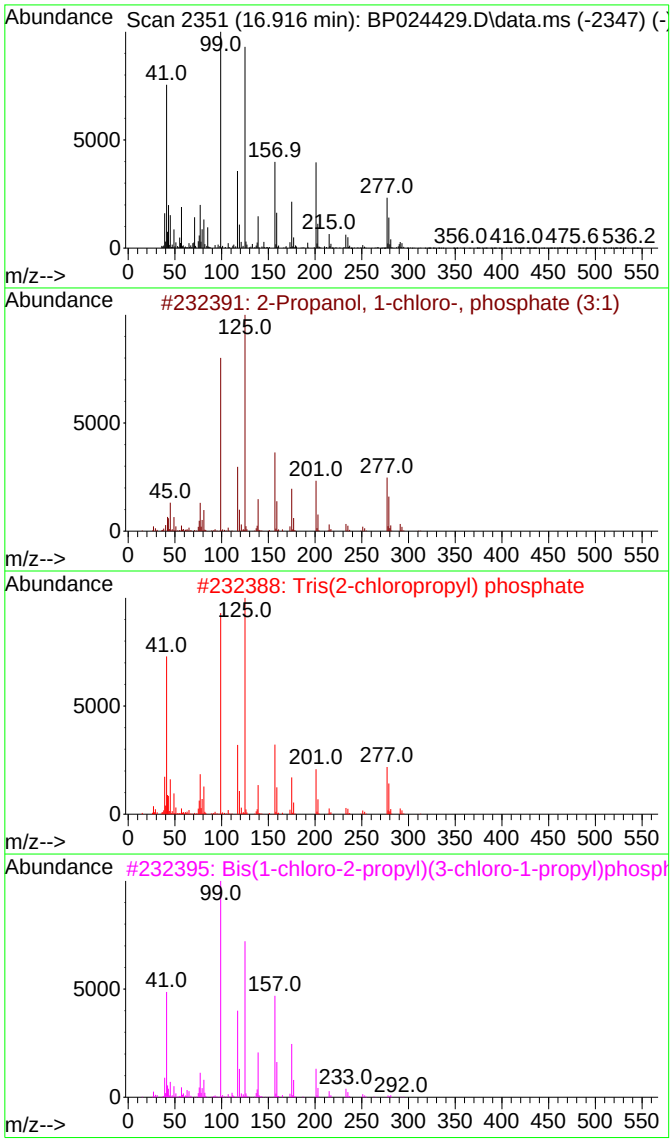
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

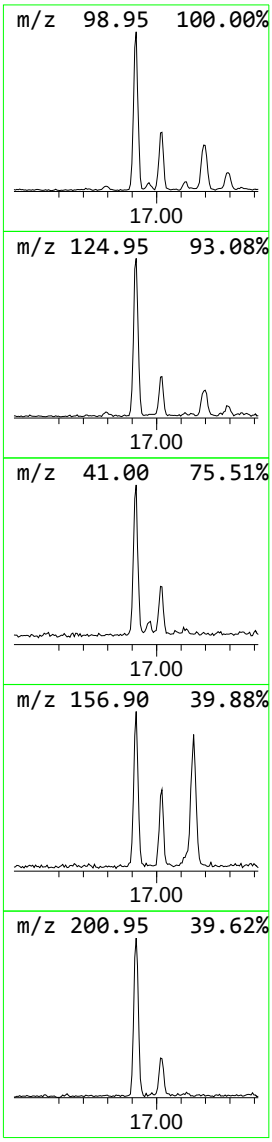
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propanol, 1-chloro-, phos... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.916	2.17 ng	229875	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	81
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	52
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	37
5	Triisopropylphosphate	224	C9H21O4P	000513-02-0	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024429.D
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Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

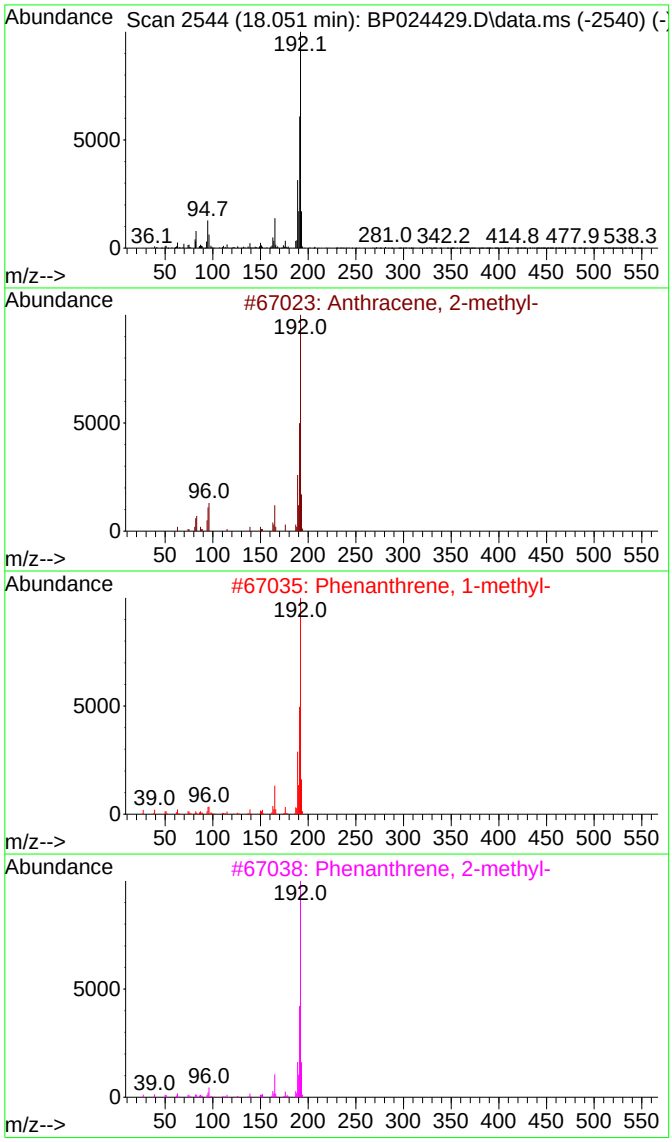
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

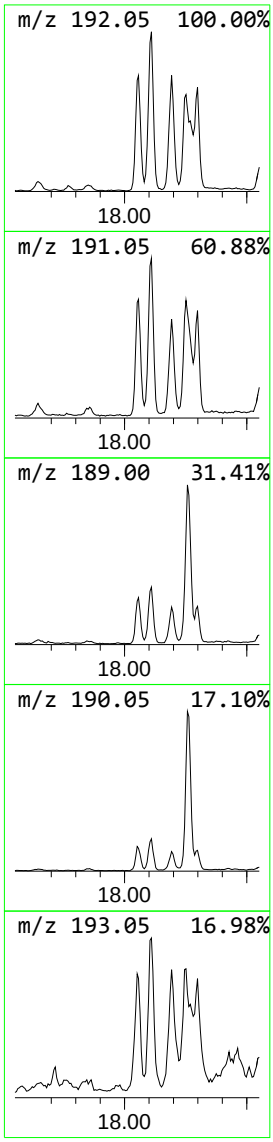
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	2.67 ng	283694	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024429.D
Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

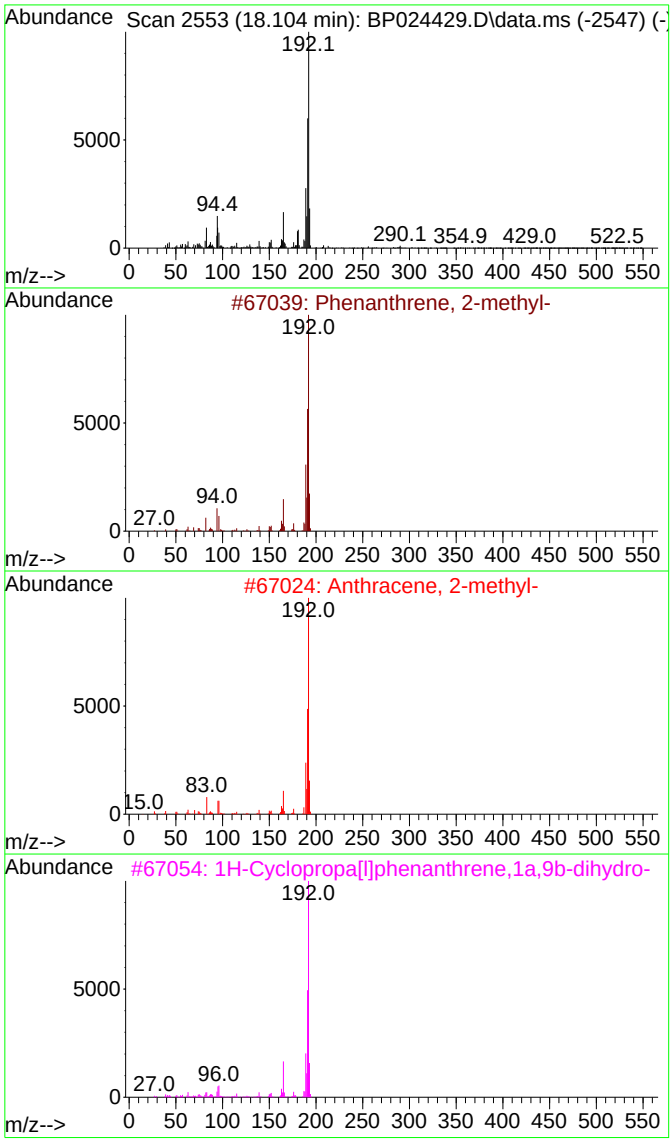
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

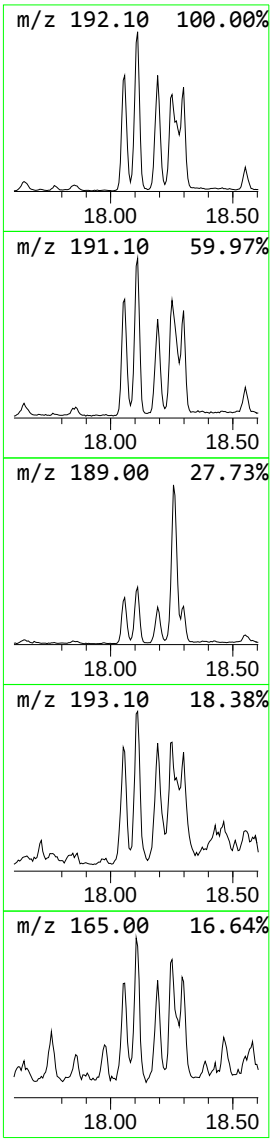
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	6.31 ng	669813	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024429.D
Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

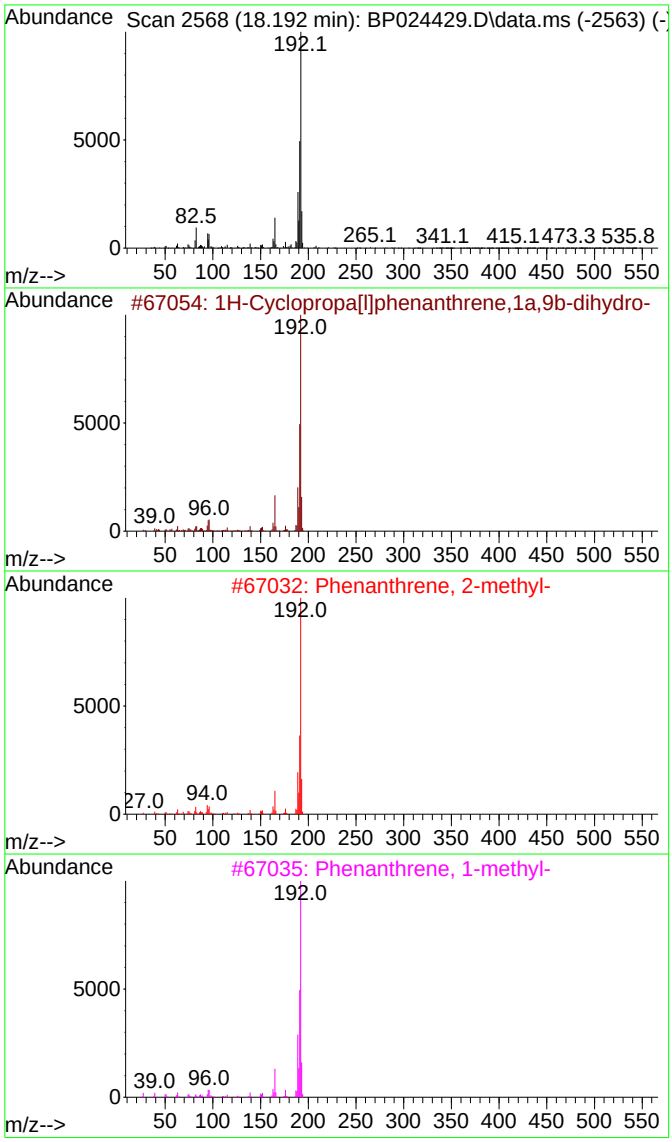
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

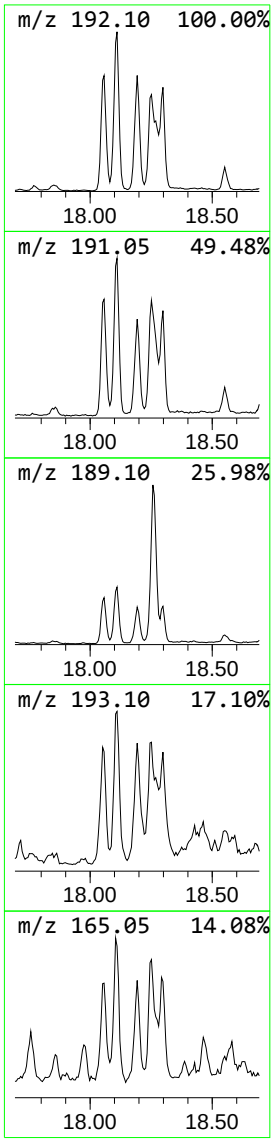
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	2.48 ng	262925	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR200059

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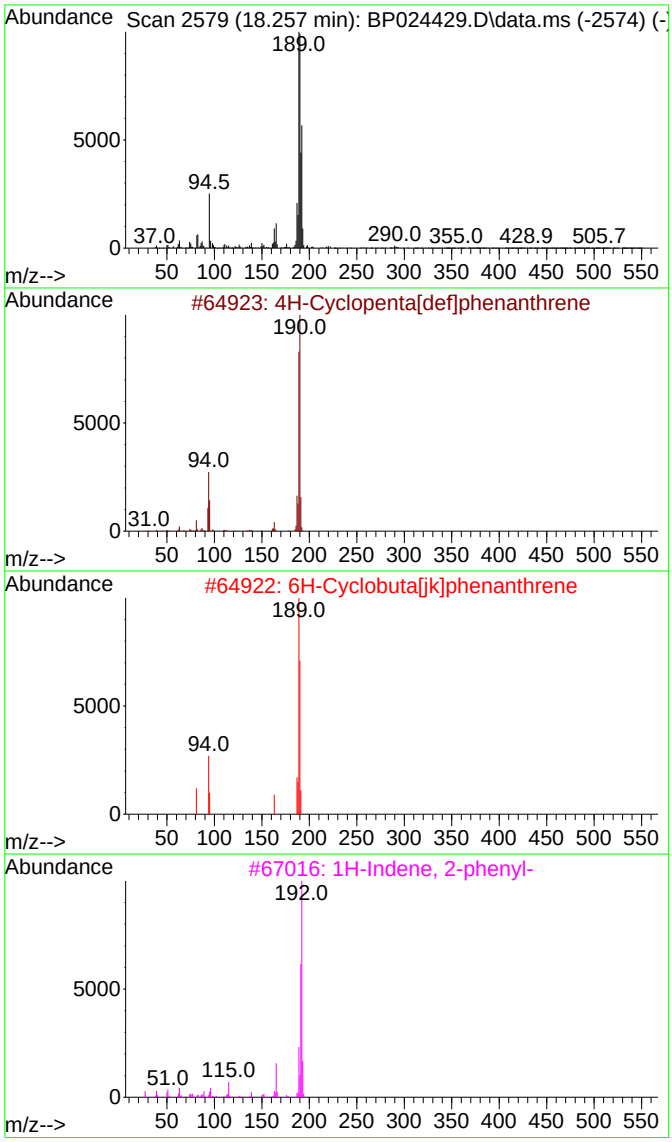
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

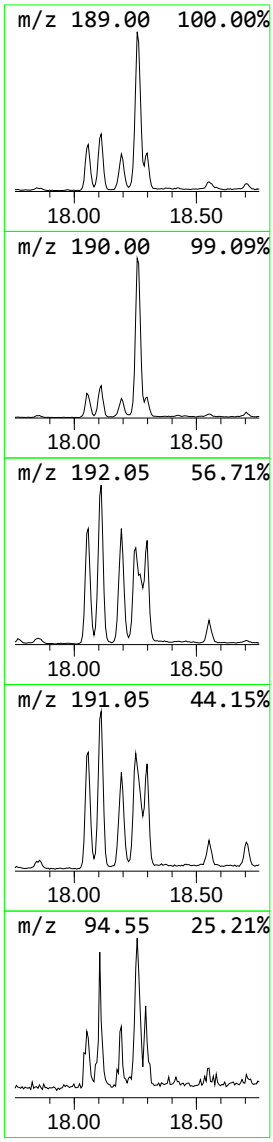
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	6.76 ng	717935	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25





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

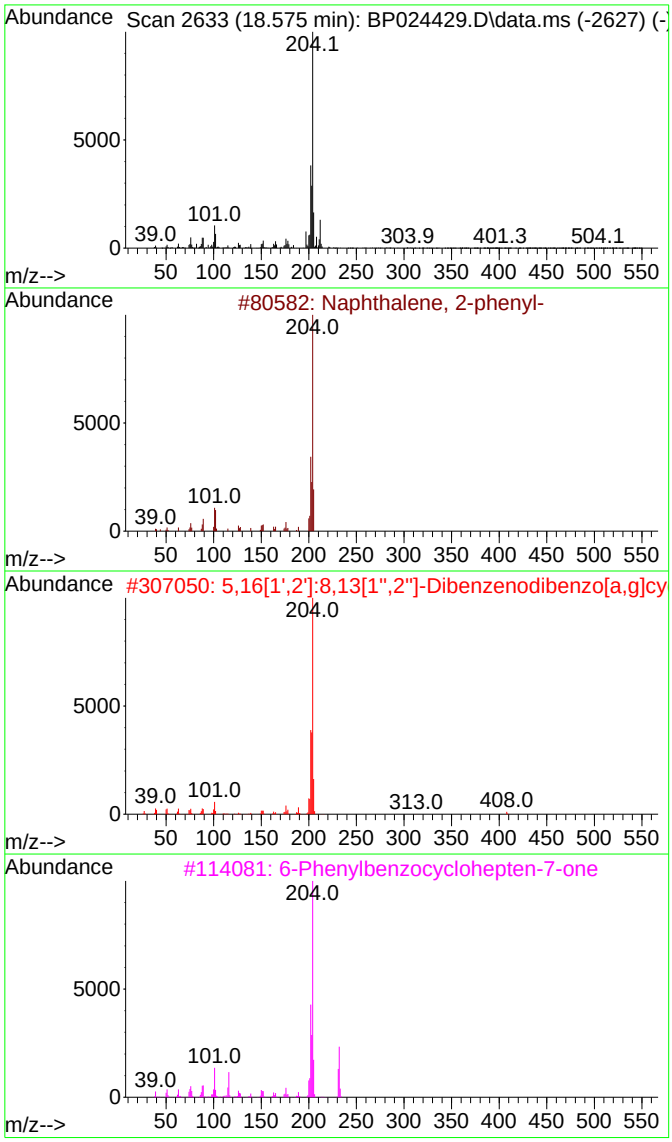
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

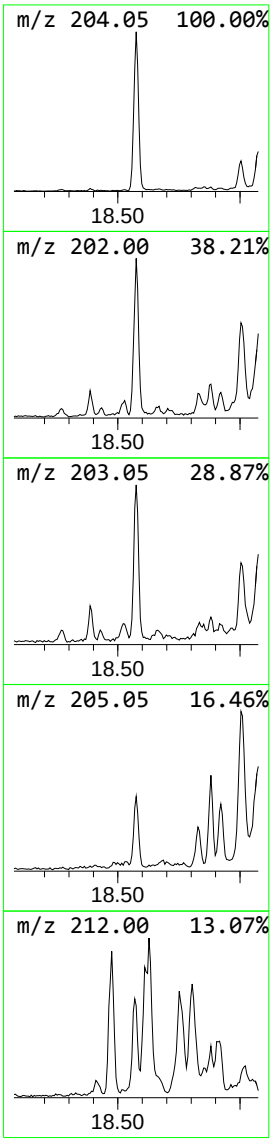
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	2.34 ng	247930	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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

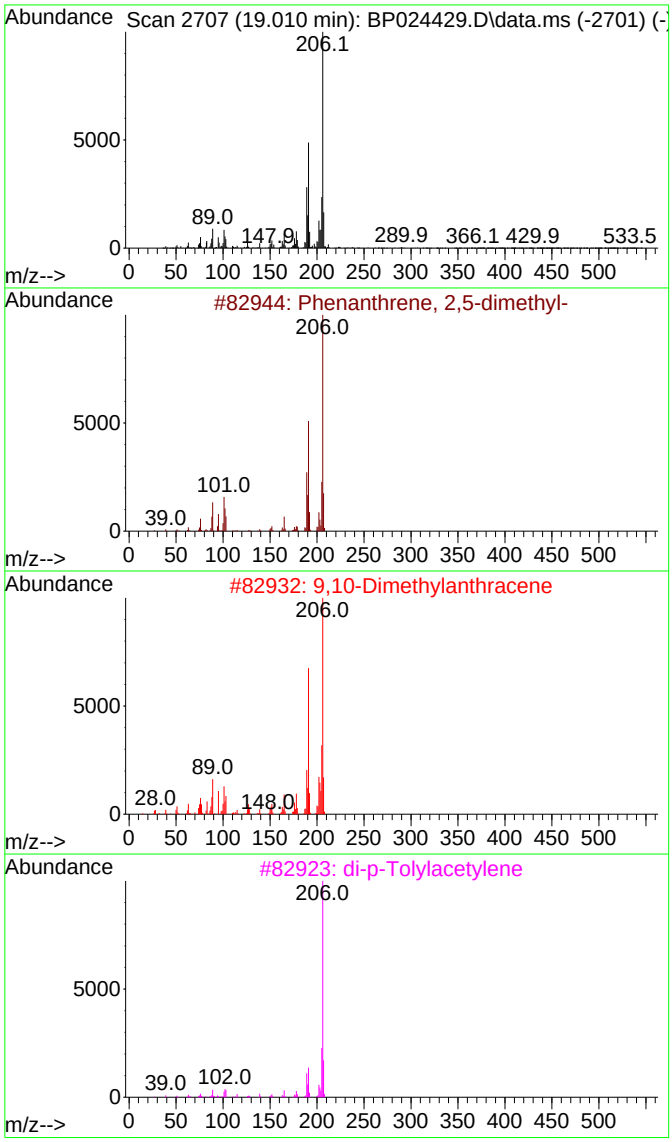
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

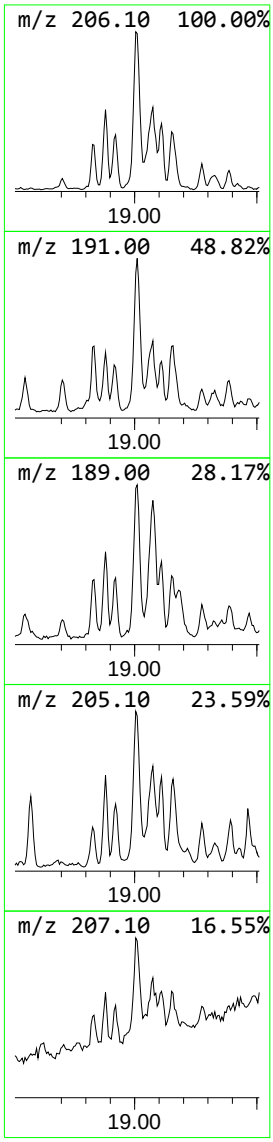
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	5.39 ng	572123	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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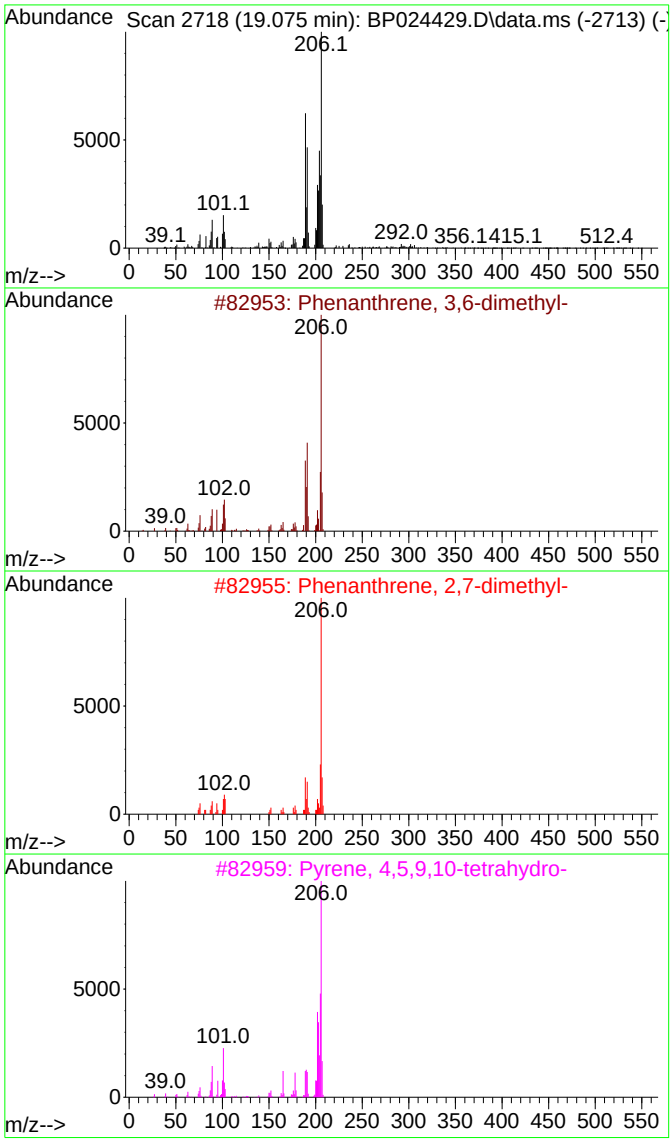
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

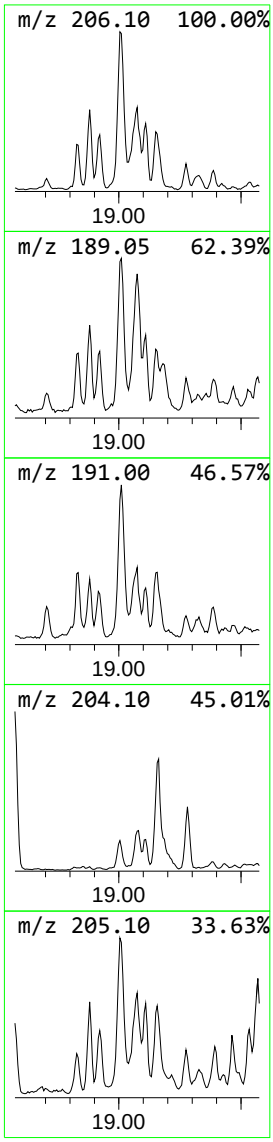
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.075	2.92 ng	310032	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53





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Misc :
ALS Vial : 14 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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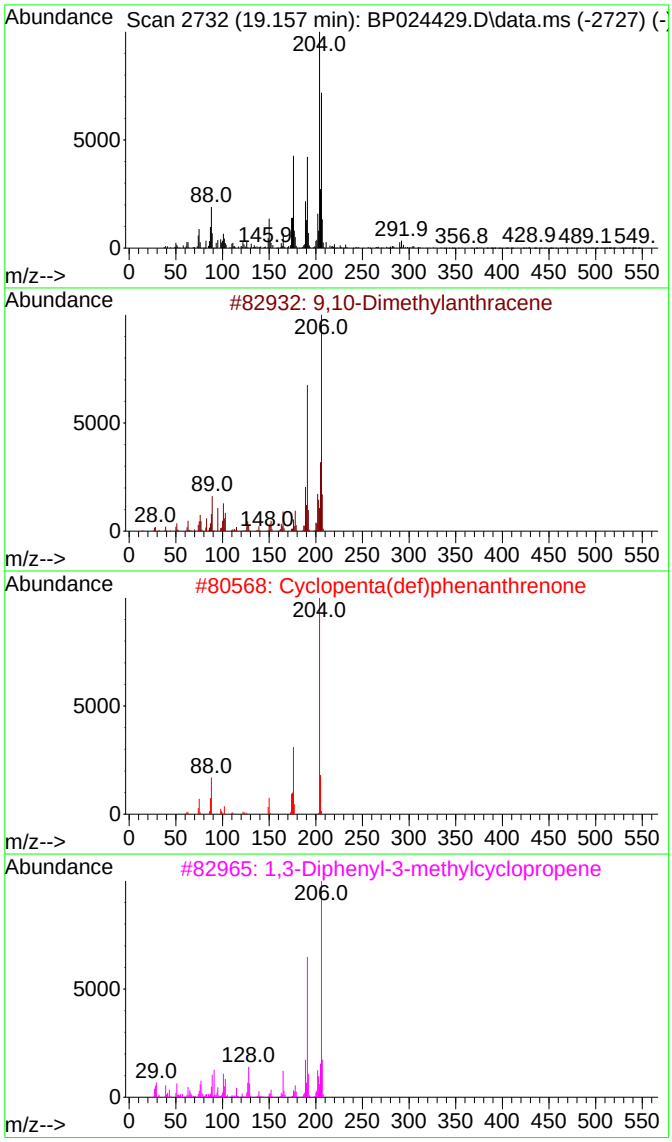
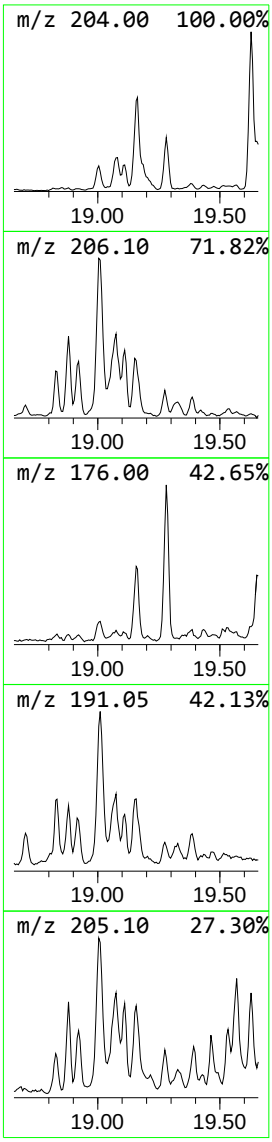
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	3.35 ng	355134	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	80
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	46





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Sample : Q1867-01 2X
Misc :
ALS Vial : 14 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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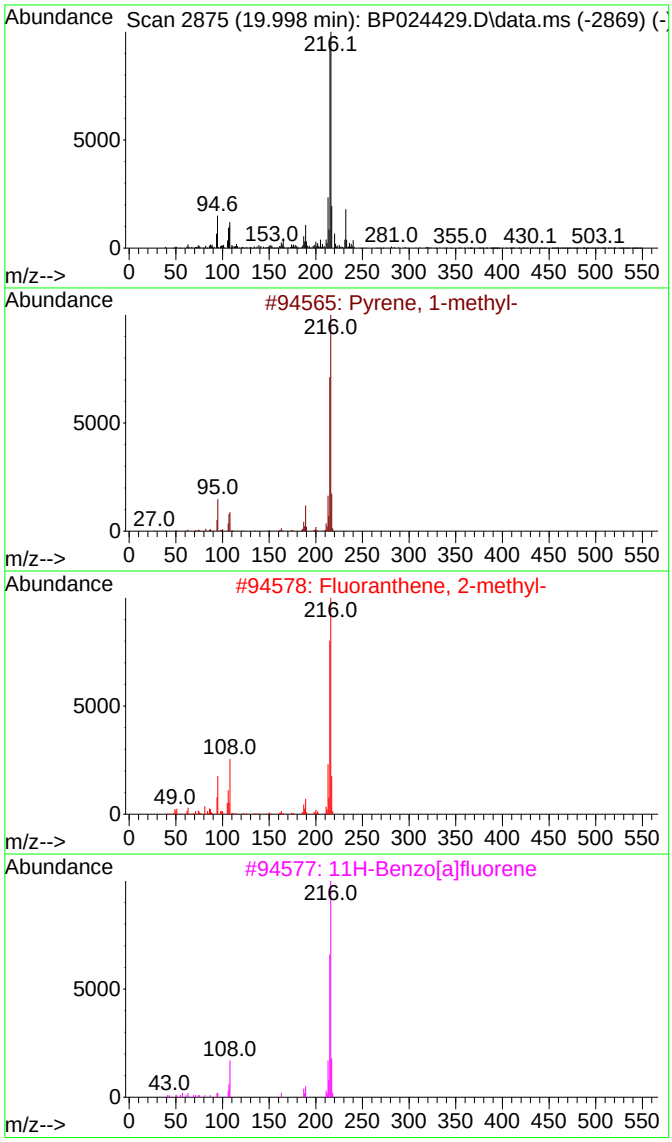
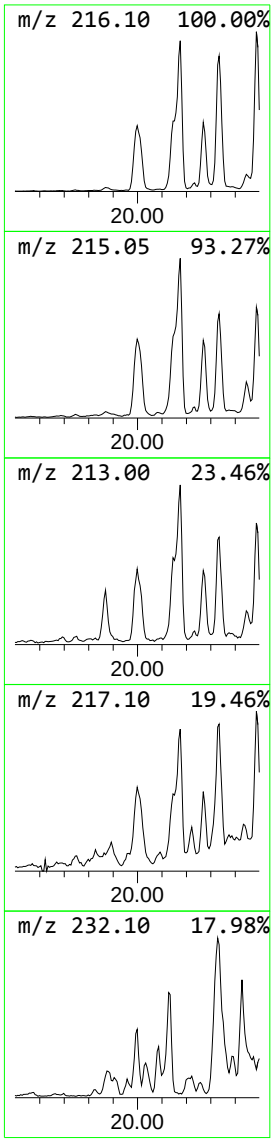
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.998	2.29 ng	675767	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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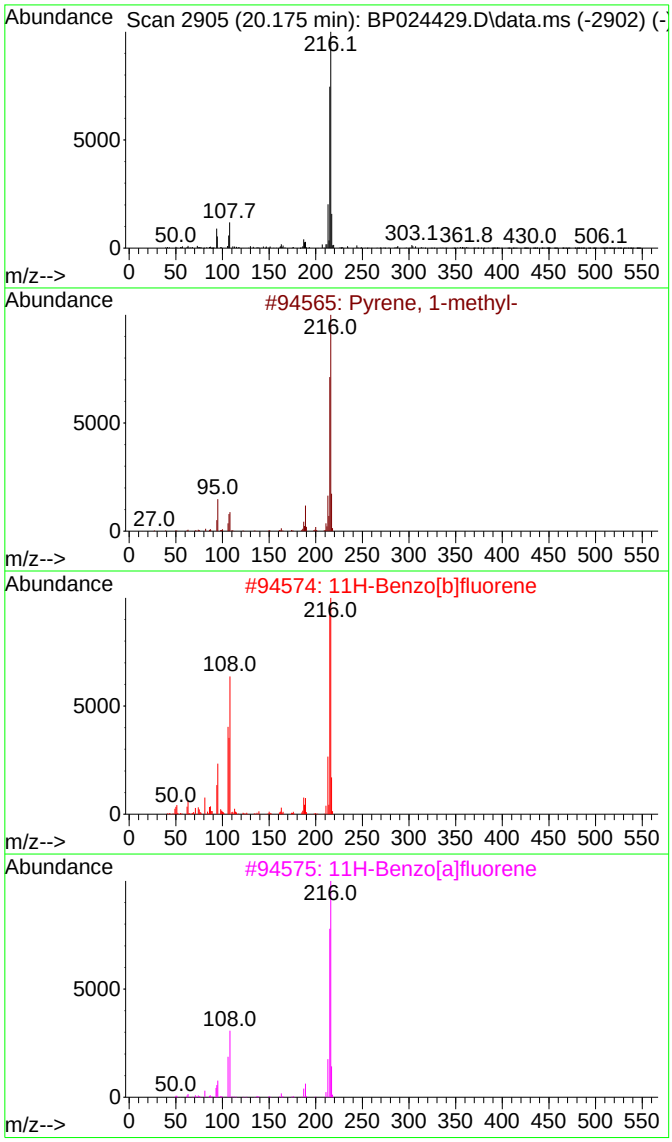
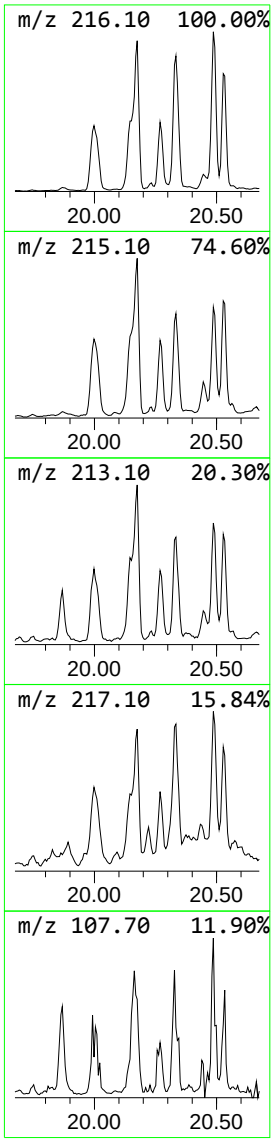
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.175	2.01 ng	594218	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

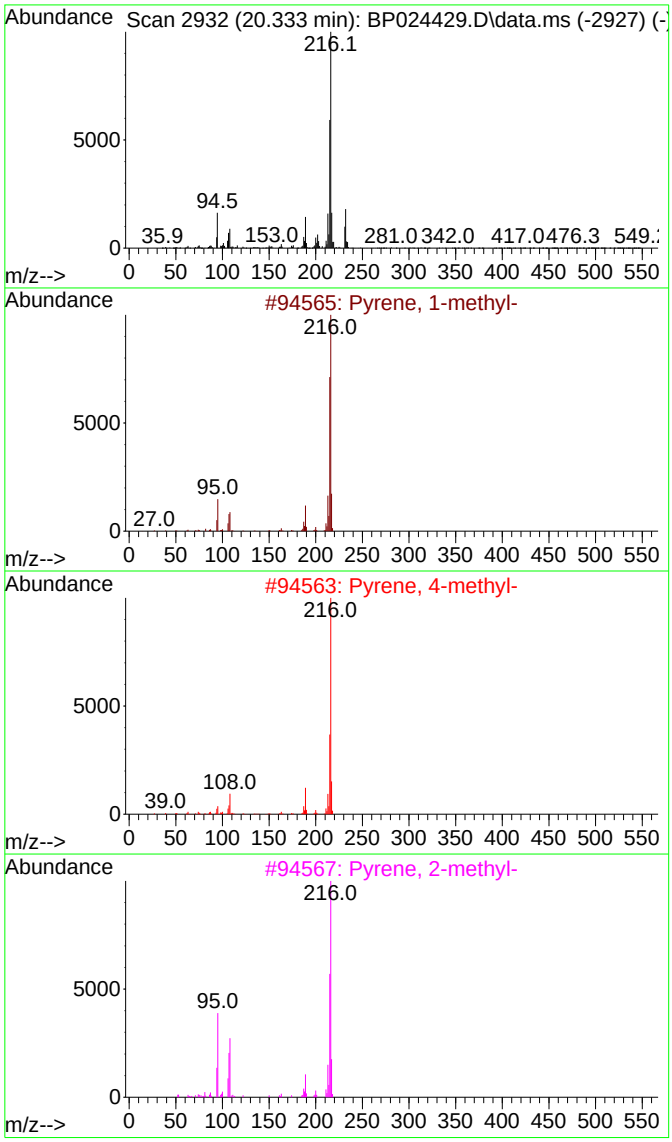
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

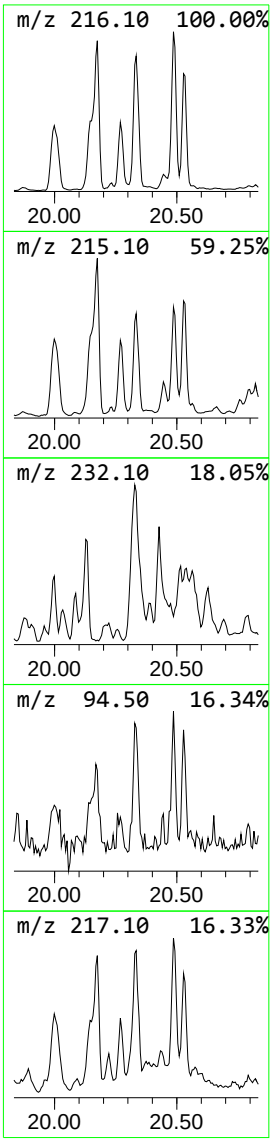
****

Peak Number 14 Pyrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.334	2.76 ng	814850	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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ALS Vial : 14 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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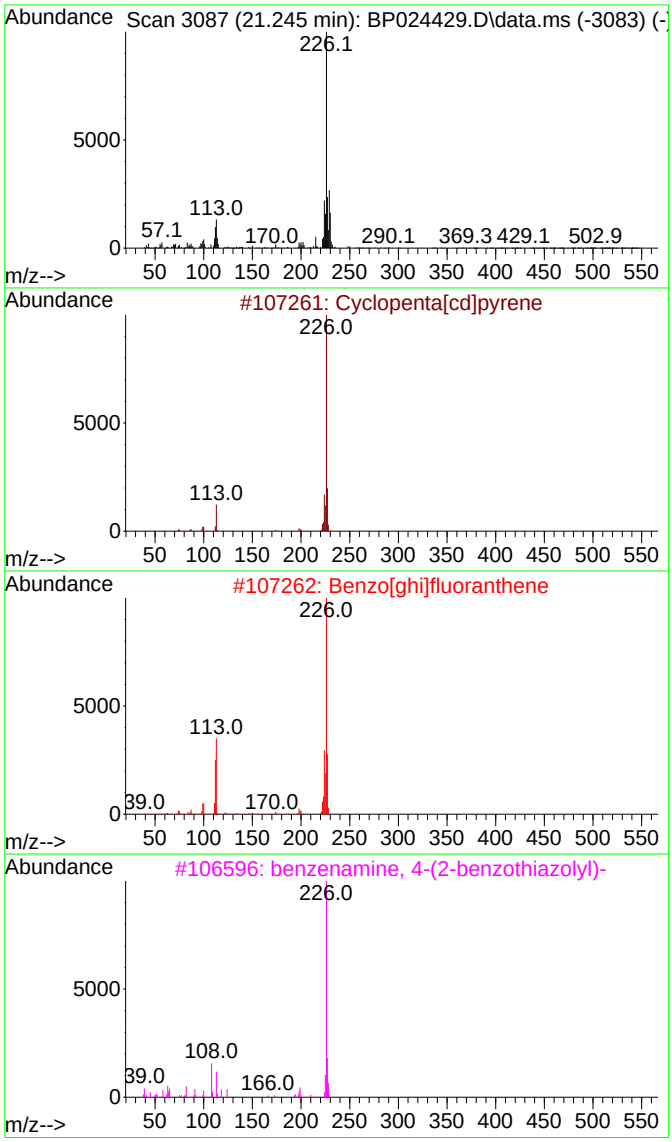
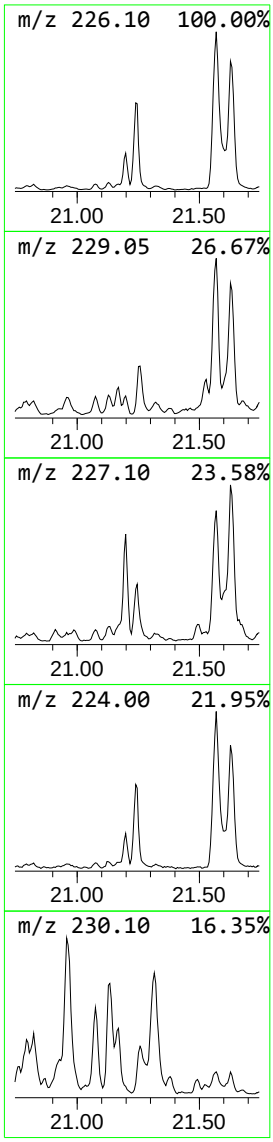
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	2.08 ng	612571	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	62
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	49





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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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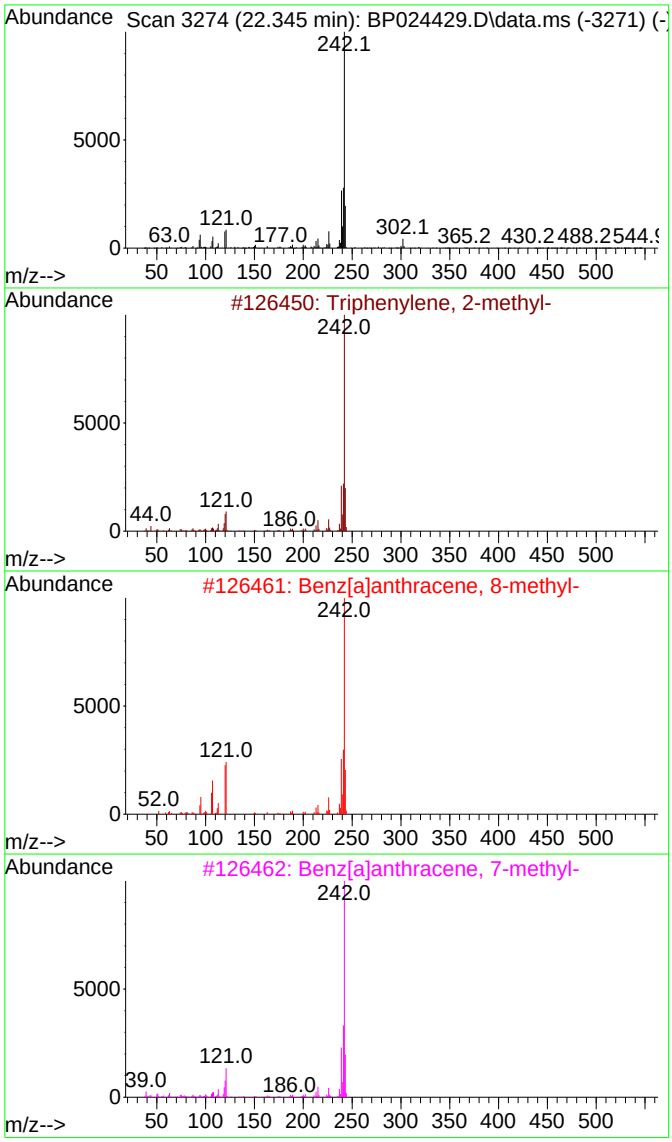
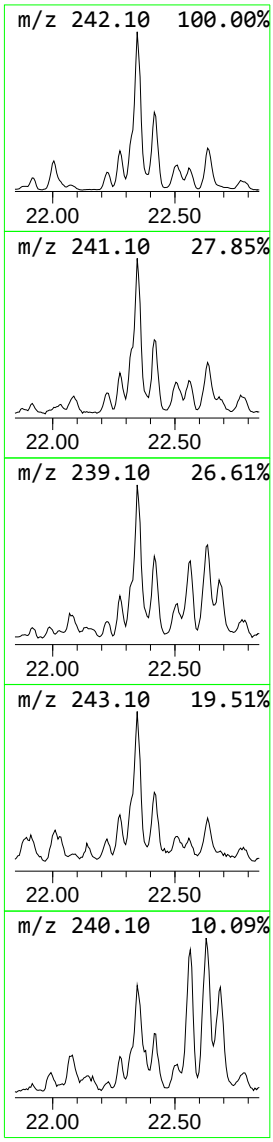
Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.345	2.88 ng	850065	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90





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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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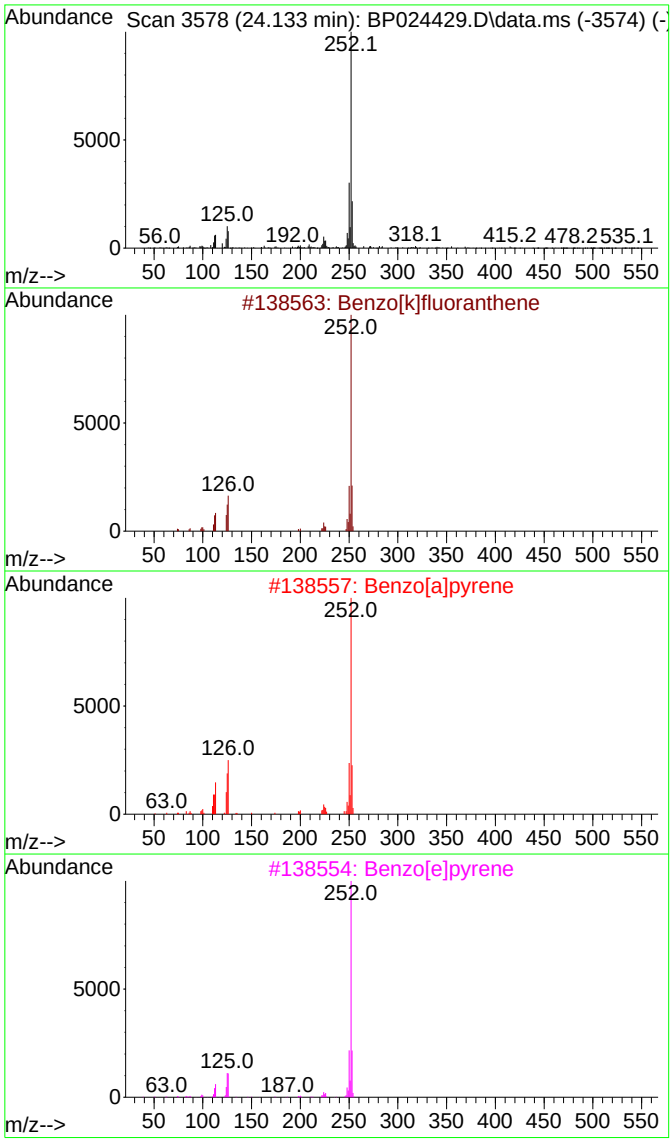
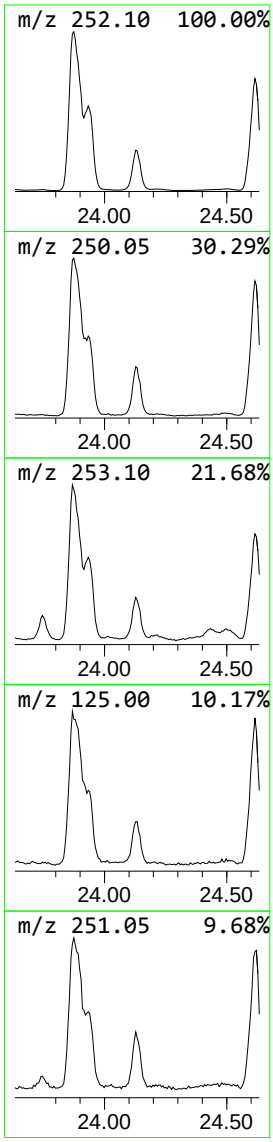
Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.133	3.76 ng	508263	Perylene-d12	24.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	90





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Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

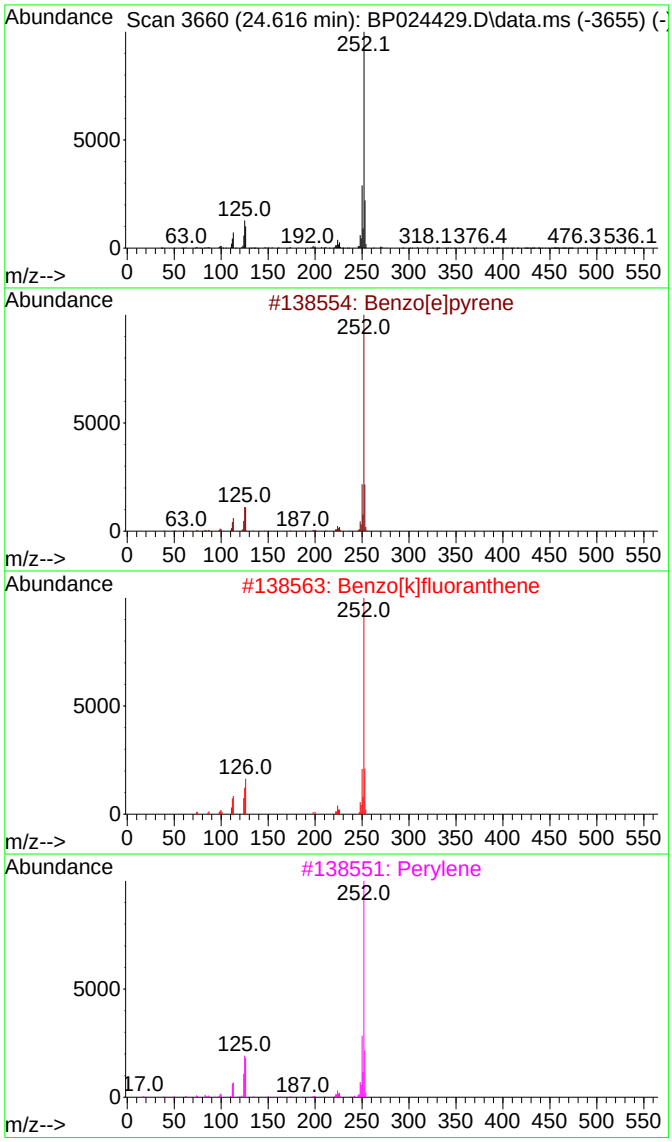
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

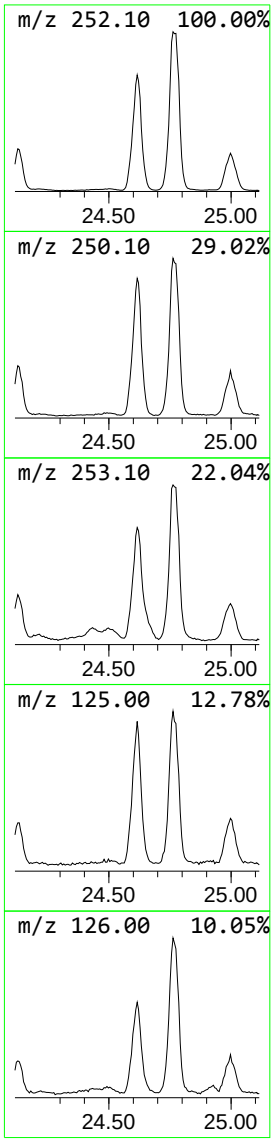
****

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.616	15.30 ng	2069200	Perylene-d12	24.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024429.D
Acq On : 25 Apr 2025 19:13
Operator : RC/JU
Sample : Q1867-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR200059

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
Naphthalene, 2-...	14.404	2.2	ng	199192	3	14.340	1802260	20.0
Benzophenone	15.728	3.1	ng	281421	3	14.340	1802260	20.0
2-Propanol, 1-c...	16.916	2.2	ng	229875	4	17.151	2123330	20.0
Anthracene, 2-m...	18.051	2.7	ng	283694	4	17.151	2123330	20.0
Phenanthrene, 2...	18.104	6.3	ng	669813	4	17.151	2123330	20.0
1H-Cyclopropa[l...	18.192	2.5	ng	262925	4	17.151	2123330	20.0
4H-Cyclopenta[d...	18.257	6.8	ng	717935	4	17.151	2123330	20.0
Naphthalene, 2-...	18.575	2.3	ng	247930	4	17.151	2123330	20.0
Phenanthrene, 2...	19.010	5.4	ng	572123	4	17.151	2123330	20.0
Phenanthrene, 3...	19.075	2.9	ng	310032	4	17.151	2123330	20.0
9,10-Dimethylan...	19.157	3.4	ng	355134	4	17.151	2123330	20.0
Pyrene, 1-methyl-	19.998	2.3	ng	675767	5	21.586	5903430	20.0
11H-Benzo[b]flu...	20.175	2.0	ng	594218	5	21.586	5903430	20.0
Pyrene, 4-methyl-	20.334	2.8	ng	814850	5	21.586	5903430	20.0
Cyclopenta[cd]p...	21.245	2.1	ng	612571	5	21.586	5903430	20.0
Triphenylene, 2...	22.345	2.9	ng	850065	5	21.586	5903430	20.0
Benzo[e]pyrene	24.133	3.8	ng	508263	6	24.922	2705250	20.0
Perylene	24.616	15.3	ng	2069200	6	24.922	2705250	20.0