LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP021620.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	21	rVB	3051994	3869417	14.90%	1.148%
2	3.546	90	95	105	rBV	201439	280096	1.08%	0.083%
3	4.934	326	331	337	rBV	242772	337592	1.30%	0.100%
4	5.399	402	410	420	rBV	3871994	6007549	23.14%	1.782%
5	6.963	668	676	686	rBV	4151958	6798034	26.18%	2.016%
6	7.799	811	818	824	rBV	1274852	1993022	7.68%	0.591%
7	8.946	1004	1013	1024	rBV	2465319	4271192	16.45%	1.267%
8	10.587	1283	1292	1299	rBV	1772194	2994014	11.53%	0.888%
9	11.328	1411	1418	1429	rBV	218466	416352	1.60%	0.123%
10	13.051	1704	1711	1719	rBV	4819559	7763546	29.90%	2.302%
11	13.563	1791	1798	1812	rBV	174144	426399	1.64%	0.126%
12	14.439	1938	1947	1953	rBV	2677077	4400217	16.95%	1.305%
13	14.504	1953	1958	1966	rVB	688783	1184393	4.56%	0.351%
14	14.681	1979	1988	1996	rBV3	123771	304416	1.17%	0.090%
15	14.851	2011	2017	2026	rBV	318666	562345	2.17%	0.167%
16	15.510	2122	2129	2140	rVB	756940	1232667	4.75%	0.366%
17	15.957	2192	2205	2216	rBV	5548855	9056170	34.88%	2.686%
18	16.533	2292	2303	2309	rBV3	113699	320053	1.23%	0.095%
19	16.892	2359	2364	2372	rVB	243936	388787	1.50%	0.115%
20	17.069	2389	2394	2404	rVB	524696	800641	3.08%	0.237%
21	17.257	2418	2426	2429	rBV	3450068	5783727	22.28%	1.715%
22	17.304	2429	2434	2440	rVV	9175045	14686901	56.57%	4.356%
23	17.392	2440	2449	2454	rVV	2501855	3807632	14.66%	1.129%
24	17.445	2454	2458	2466	rVB	262066	448669	1.73%	0.133%
25	17.663	2486	2495	2502	rBV2	1162990	2190398	8.44%	0.650%
26	18.080	2562	2566	2571	rBV	219414	312967	1.21%	0.093%
27	18.163	2576	2580	2583	rBV	673994	965568	3.72%	0.286%
28	18.204	2583	2587	2595	rVB2	1471873	3229980	12.44%	0.958%
29	18.292	2597	2602	2607	rVB	313777	538103	2.07%	0.160%
30	18.363	2608	2614	2619	rBV2	1766780	3218513	12.40%	0.955%
31	18.680	2663	2668	2671	rBV	660324	1034857	3.99%	0.307%
32	18.716	2671	2674	2681	rVB	847359	1175688	4.53%	0.349%
33	18.933	2708	2711	2715	rVB	288939	325676	1.25%	0.097%
34	18.986	2716	2720	2723	rVV	282316	362722	1.40%	0.108%
35	19.027	2723	2727	2731	rVB2	212362	339299	1.31%	0.101%
36	19.116	2736	2742	2747	rBV2	580351	1054228	4.06%	0.313%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.180	2748	2753	2757	rBV4	288953	593762	2.29%	0.176%
38	19.257	2762	2766	2774	rBV	463709	765884	2.95%	0.227%
39	19.386	2781	2788	2794	rBV	15429382	23670319	91.16%	7.020%
40	19.533	2809	2813	2817	rVB5	281860	449732	1.73%	0.133%
41	19.586	2818	2822	2825	rBV3	162268	282904	1.09%	0.084%
42	19.639	2826	2831	2835	rVV	503686	732968	2.82%	0.217%
43	19.763	2841	2852	2862	rBV2	11603067	25964593	100.00%	7.700%
44	19.845	2862	2866	2872	rVB4	679406	1450985	5.59%	0.430%
45	19.974	2880	2888	2892	rBV	8434341	12099871	46.60%	3.589%
46	20.110	2903	2911	2915	rBV3	595499	1691160	6.51%	0.502%
47	20.151	2915	2918	2922	rVB	343023	477861	1.84%	0.142%
48	20.245	2931	2934	2936	rBV2	386414	572233	2.20%	0.170%
49	20.286	2936	2941	2945	rVB2	2109014	3149663	12.13%	0.934%
50	20.380	2953	2957	2961	rVB	1884905	2232098	8.60%	0.662%
51	20.439	2961	2967	2972	rBV2	1748380	2889528	11.13%	0.857%
52	20.480	2972	2974	2980	rVB2	424781	484102	1.86%	0.144%
53	20.586	2988	2992	2996	rBV2	1119439	1467816	5.65%	0.435%
54	20.639	2996	3001	3005	rVV2	1075969	1707481	6.58%	0.506%
55	20.674	3005	3007	3011	rVB3	389072	434828	1.67%	0.129%
56	20.857	3035	3038	3042	rBV3	375682	535019	2.06%	0.159%
57	21.074	3072	3075	3083	rVB2	2004579	3499173	13.48%	1.038%
58	21.151	3084	3088	3089	rBV4	290397	382400	1.47%	0.113%
59	21.186	3090	3094	3100	rVB	1448857	2208885	8.51%	0.655%
60	21.251	3100	3105	3107	rBV	2021740	3204915	12.34%	0.950%
61	21.280	3108	3110	3115	rVV2	1727969	2140147	8.24%	0.635%
62	21.321	3115	3117	3121	rVB	1023033	1070153	4.12%	0.317%
63	21.392	3121	3129	3133	rBV6	2020073	5184744	19.97%	1.538%
64	21.574	3156	3160	3164	rBV	509935	991724	3.82%	0.294%
65	21.657	3169	3174	3176	rVV2	1019485	1723448	6.64%	0.511%
66	21.710	3176	3183	3188	rVV3	9610408	21688684	83.53%	6.432%
67	21.768	3189	3193	3206	rVB	7982782	14305990	55.10%	4.243%
68	21.880	3207	3212	3217	rBV2	2209343	3766612	14.51%	1.117%
69	21.933	3217	3221	3226	rBV2	943531	1614372	6.22%	0.479%
70	22.004	3227	3233	3235	rBV3	1078026	2206836	8.50%	0.654%
71	22.033	3236	3238	3246	rVB2	1274852	2181519	8.40%	0.647%
72	22.145	3253	3257	3261	rBV3	1203224	2321137	8.94%	0.688%
73	22.280	3277	3280	3285	rVB2	751287	1165695	4.49%	0.346%
74	22.427	3300	3305	3308	rBV3	1302817	2302990	8.87%	0.683%
75	22.515	3309	3320	3327	rVB	4702867	13156155	50.67%	3.902%
76	22.586	3327	3332	3338	rBV	3284782	5833598	22.47%	1.730%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.668	3342	3346	3351	rVB3	1132562	2289924	8.82%	0.679%
78	22.792	3362	3367	3372	rVB3	1482811	2634443	10.15%	0.781%
79	22.962	3392	3396	3403	rVB4	1147927	2393378	9.22%	0.710%
80	23.304	3446	3454	3458	rBV2	1981051	5373122	20.69%	1.594%
81	23.427	3469	3475	3482	rBV	2236560	5014278	19.31%	1.487%
82	23.509	3484	3489	3499	rVB	3084067	7749004	29.84%	2.298%
83	23.615	3503	3507	3514	rVB	980028	2056222	7.92%	0.610%
84	23.692	3515	3520	3525	rBV2	1162956	2538226	9.78%	0.753%
85	24.074	3576	3585	3592	rBV	4260887	13404705	51.63%	3.975%
86	24.833	3709	3714	3731	rVB4	2430766	9345252	35.99%	2.772%
87	25.004	3734	3743	3753	rVB	3885477	12386592	47.71%	3.674%
88	25.168	3764	3771	3778	rBV	2242277	5015865	19.32%	1.488%
89	25.245	3779	3784	3786	rBV	829874	1498838	5.77%	0.445%

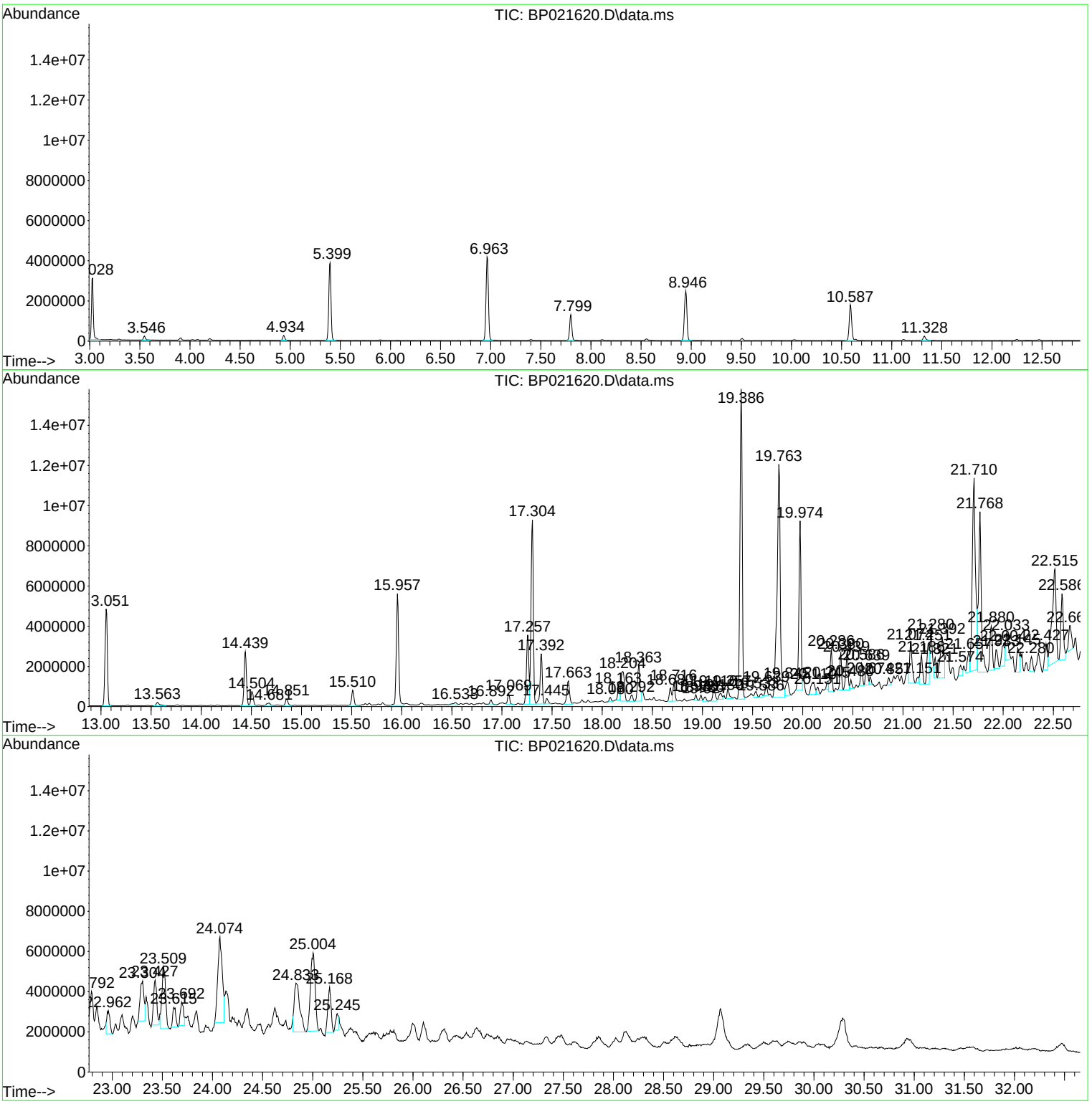
Sum of corrected areas: 337183663

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

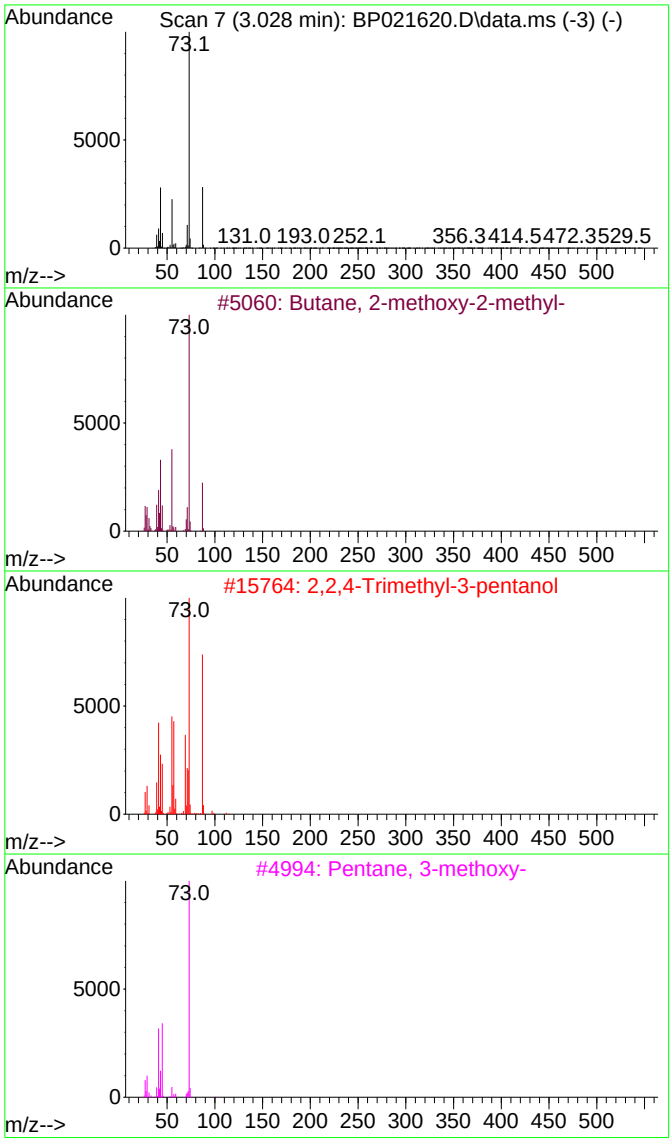
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

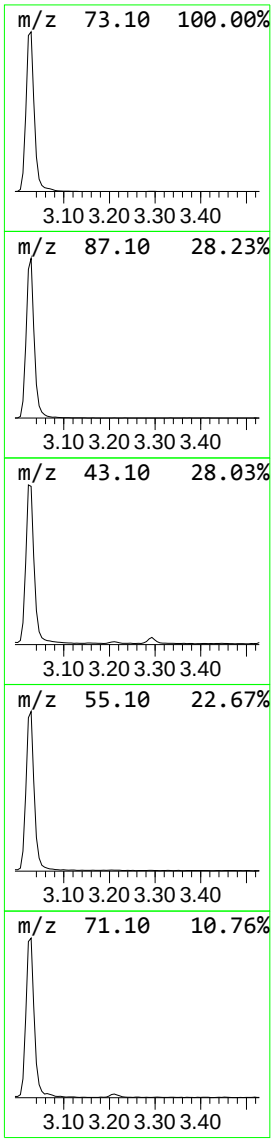
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	38.83 ng	3869420	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

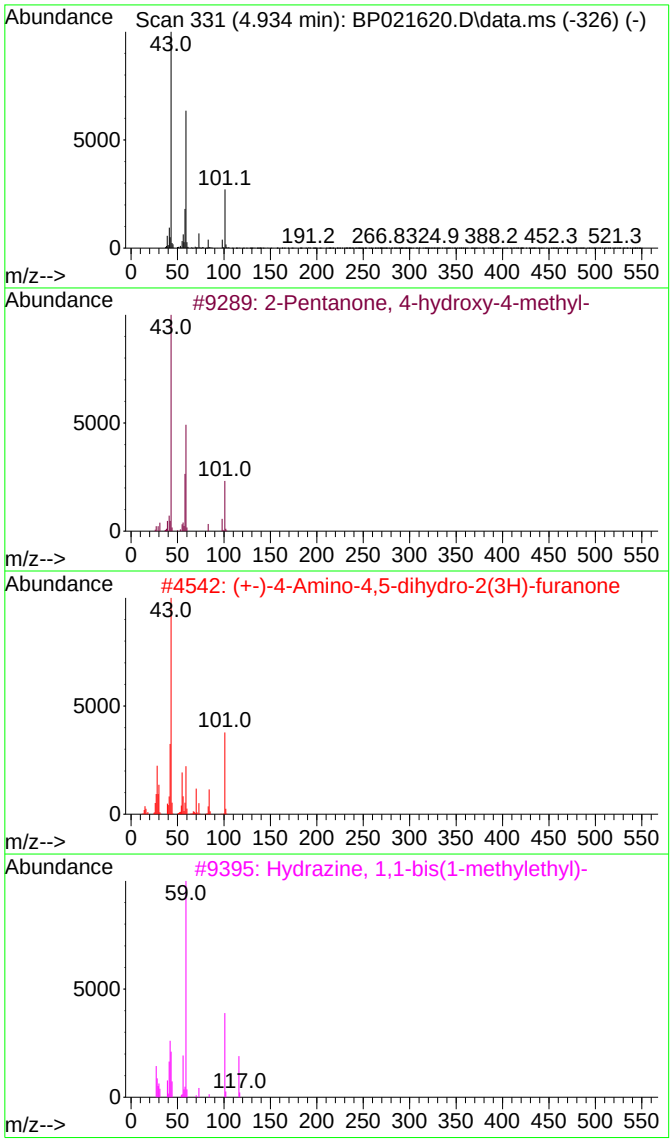
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

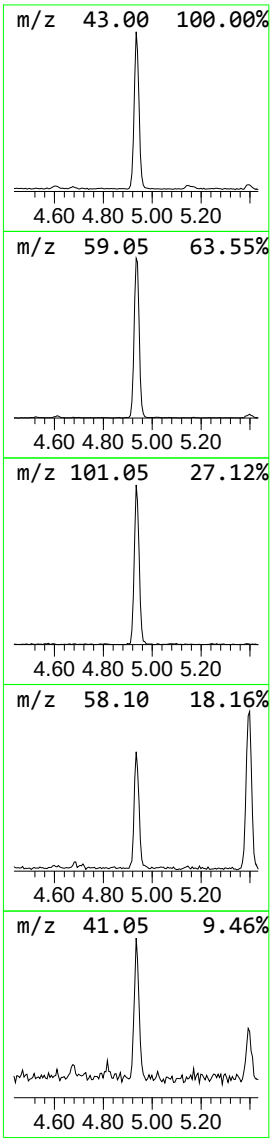
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.934	3.39 ng	337592	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	50
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

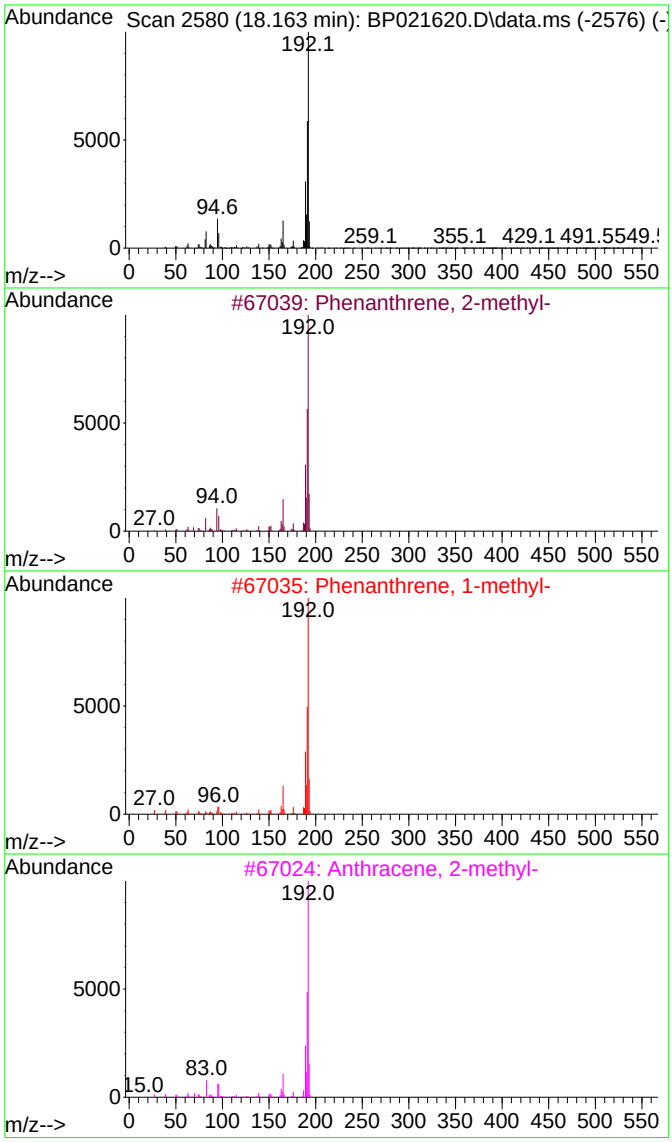
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

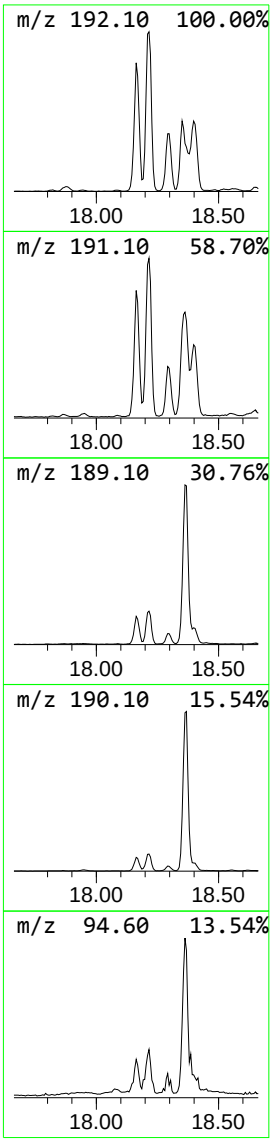
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	3.34 ng	965568	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

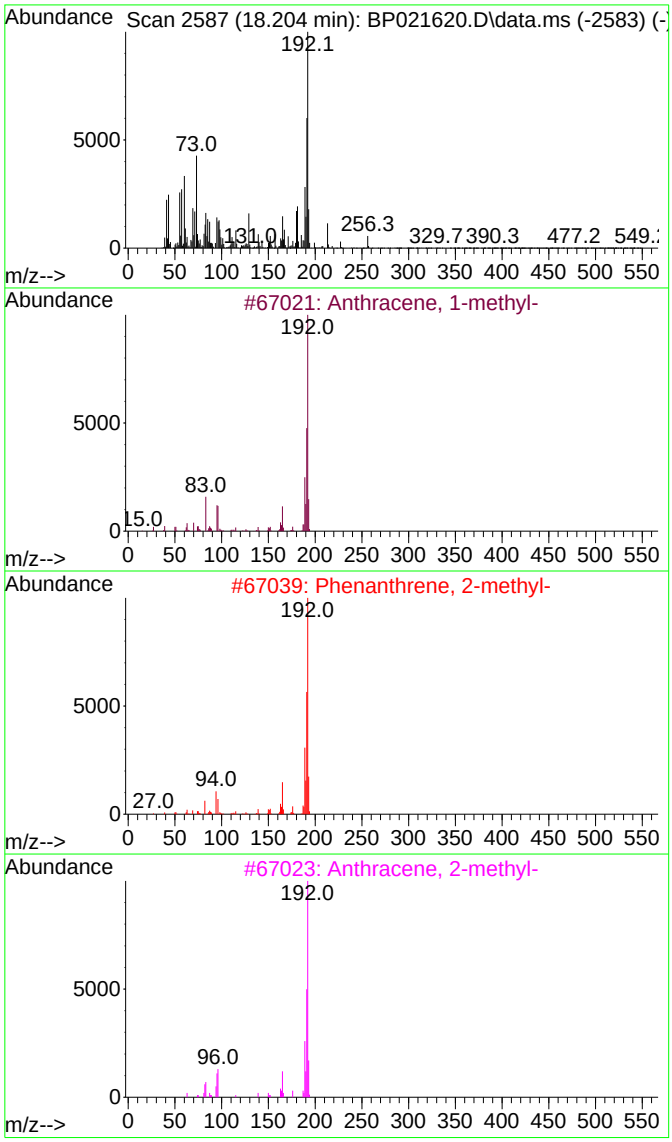
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

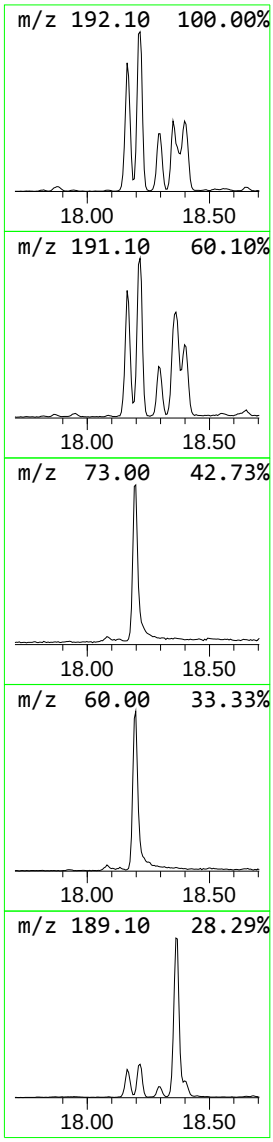
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	11.17 ng	3229980	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

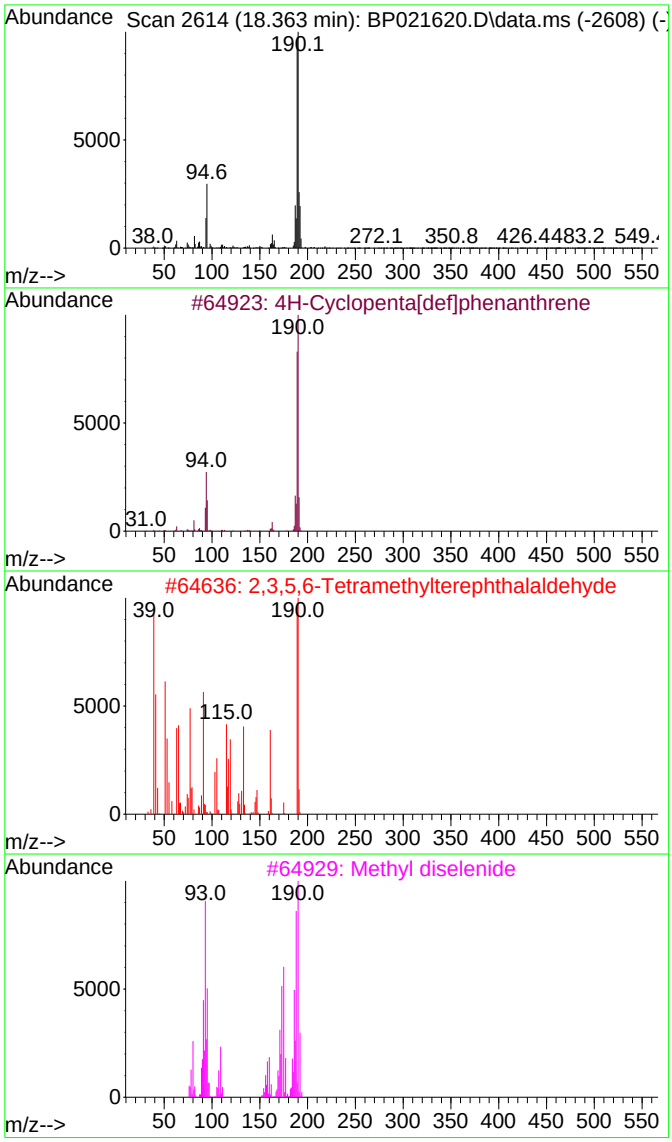
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

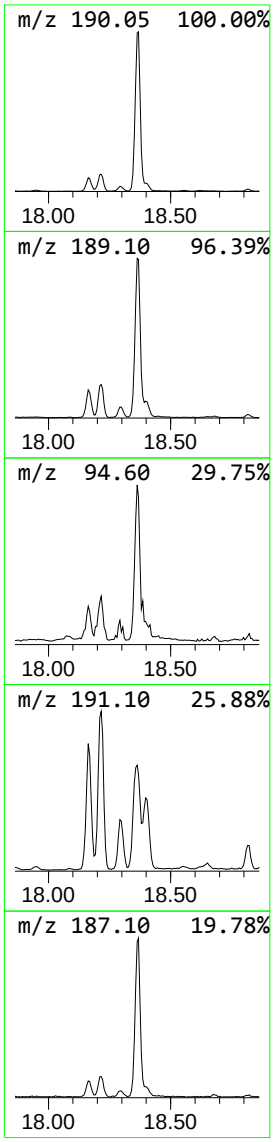
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	11.13 ng	3218510	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16





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Sample : P3671-02
Misc :
ALS Vial : 15 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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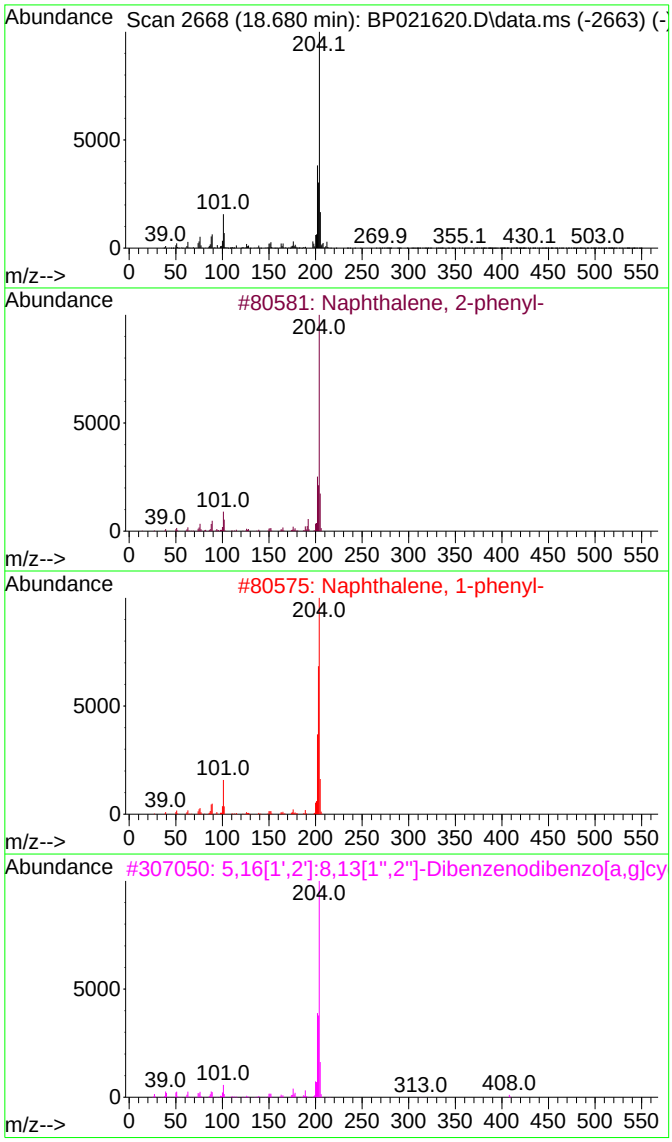
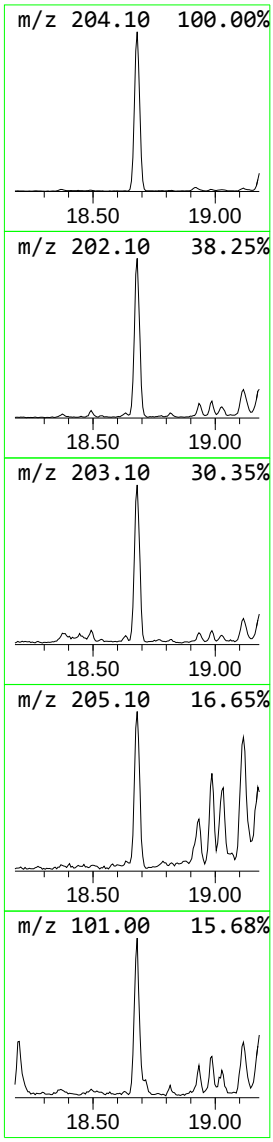
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	3.58 ng	1034860	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Instrument :
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ClientSampleId :
S-904-J-SO-0.5-1-081924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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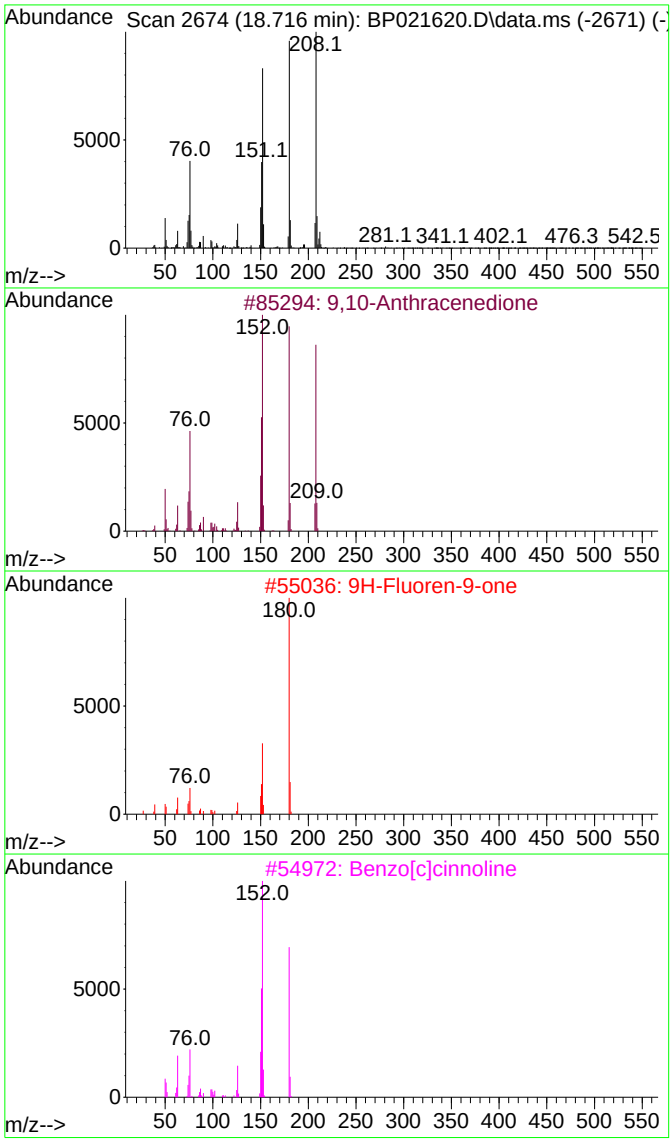
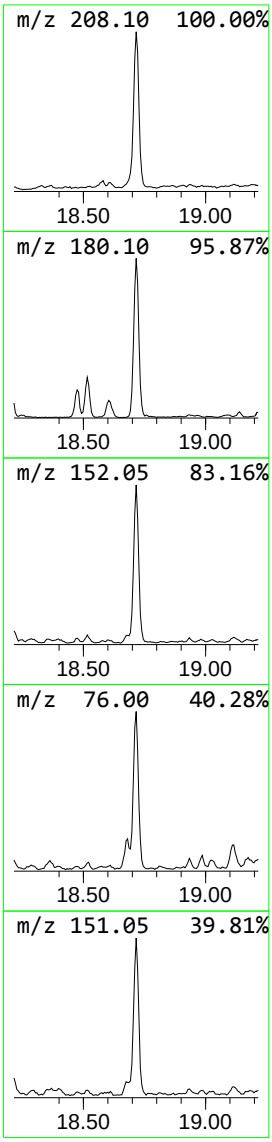
Peak Number 7 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.716	4.07 ng	1175690	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





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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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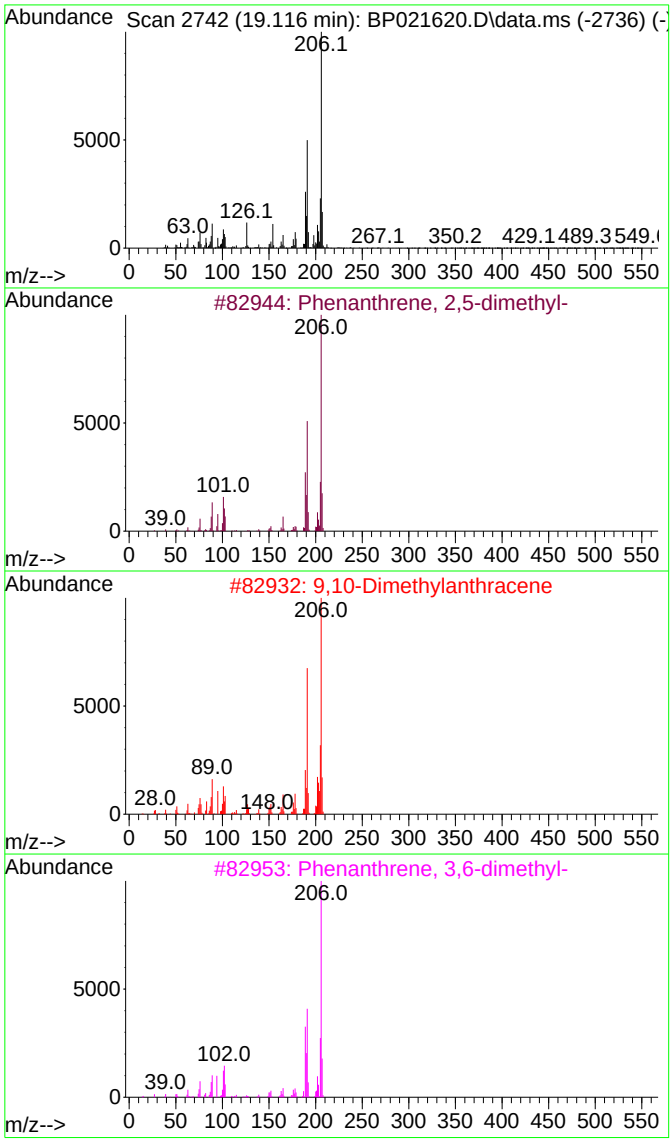
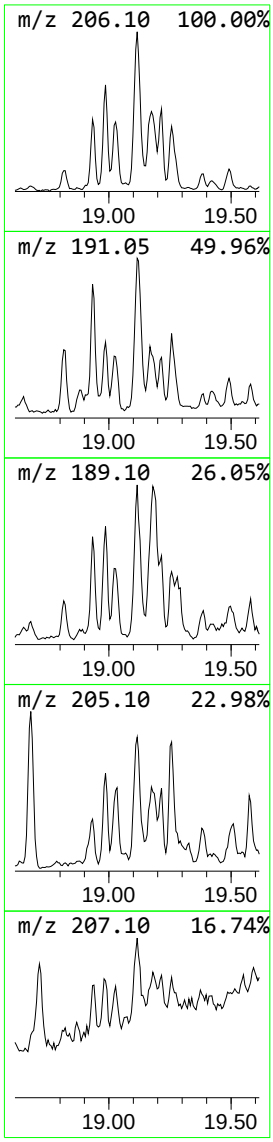
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	3.65 ng	1054230	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92





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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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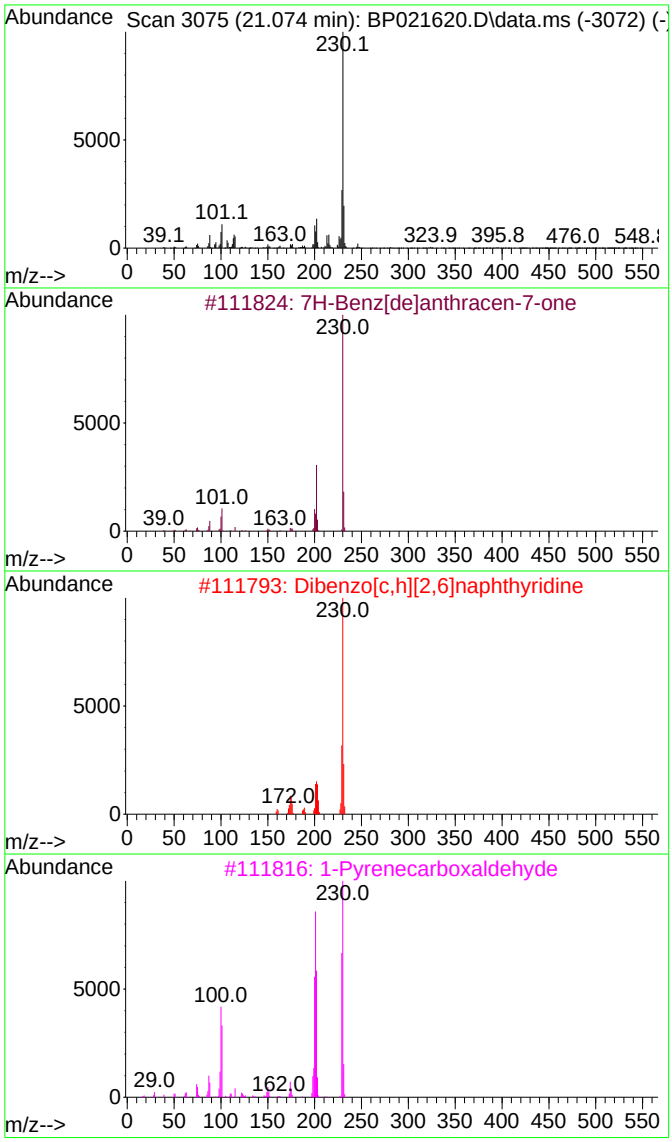
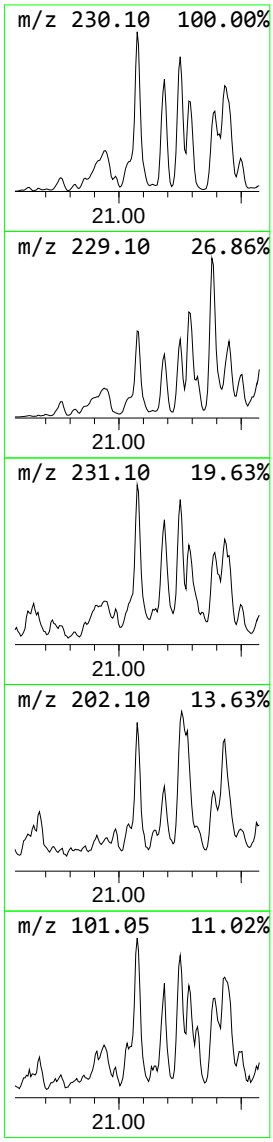
Peak Number 9 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	3.23 ng	3499170	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	78
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	74
4	m-Terphenyl	230	C18H14	000092-06-8	72
5	p-Terphenyl	230	C18H14	000092-94-4	72





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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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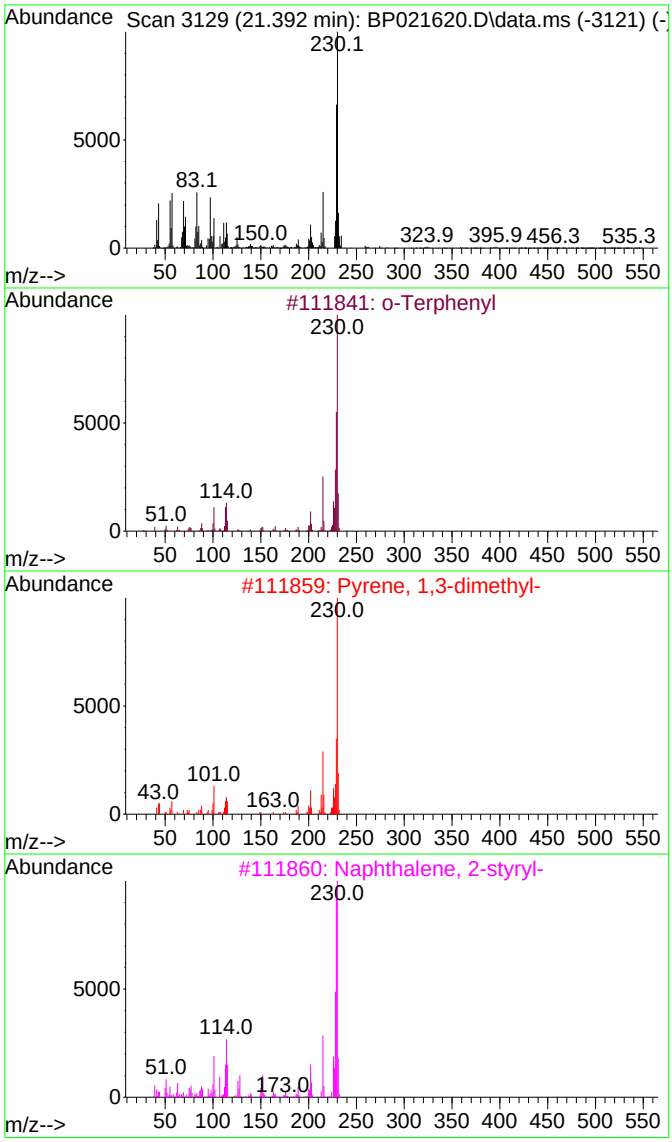
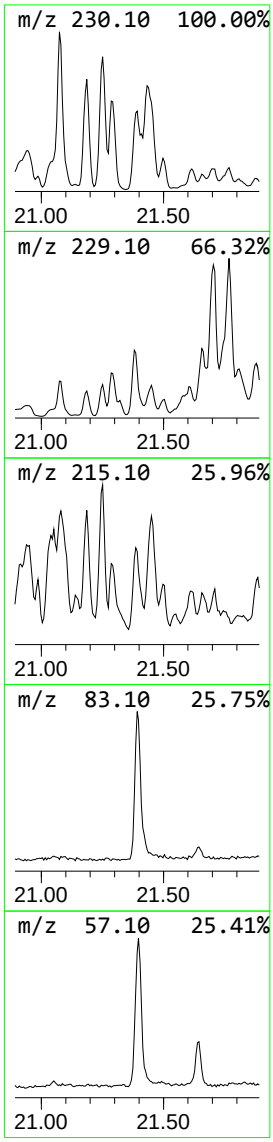
Peak Number 10 o-Terphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	4.78 ng	5184740	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	93
2	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	86
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	81
4	5,6-Dihydrochrysene	230	C18H14	002091-92-1	76
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	58





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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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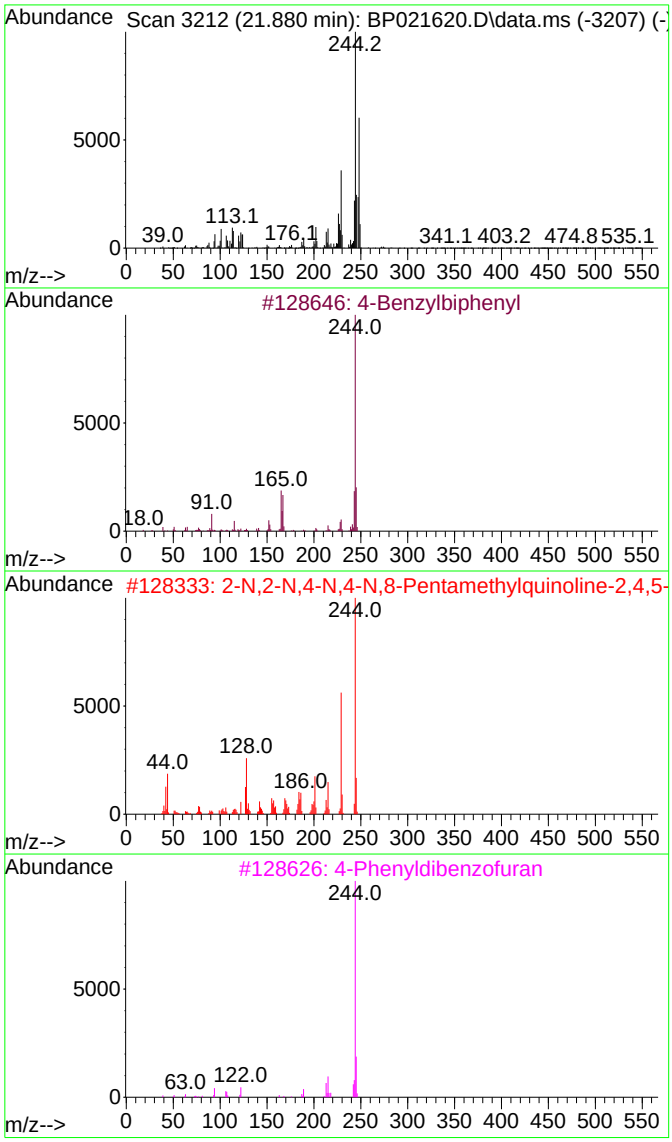
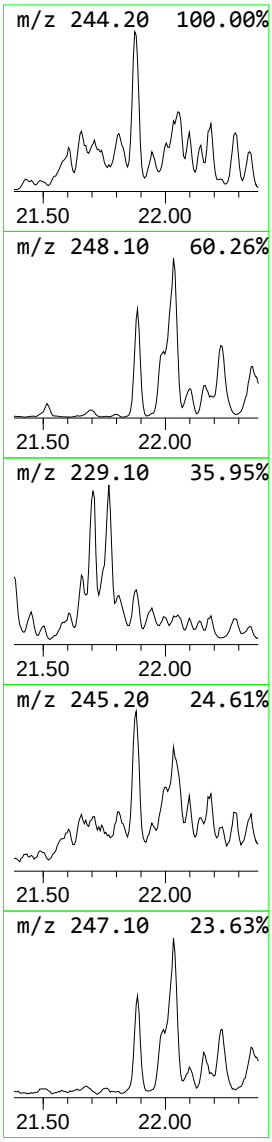
Peak Number 11 unknown21.880 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.880	3.47 ng	3766610	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Benzylbiphenyl	244	C19H16	000613-42-3	46
2	2-N,2-N,4-N,4-N,8-Pentamethylqui...	244	C14H20N4	1392408-76-2	43
3	4-Phenyldibenzofuran	244	C18H12O	1010314-39-5	41
4	2-Phenyldibenzofuran	244	C18H12O	078210-31-8	41
5	2,3-Hexadienoic acid, 2-ethyl-4-...	244	C16H20O2	038701-10-9	38





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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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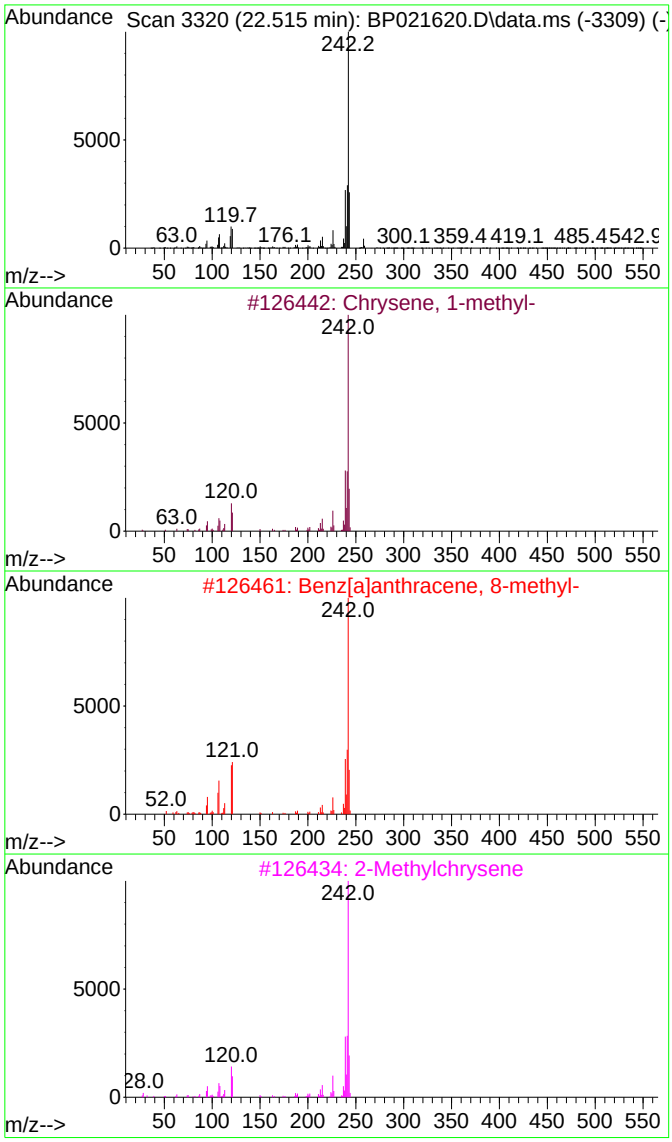
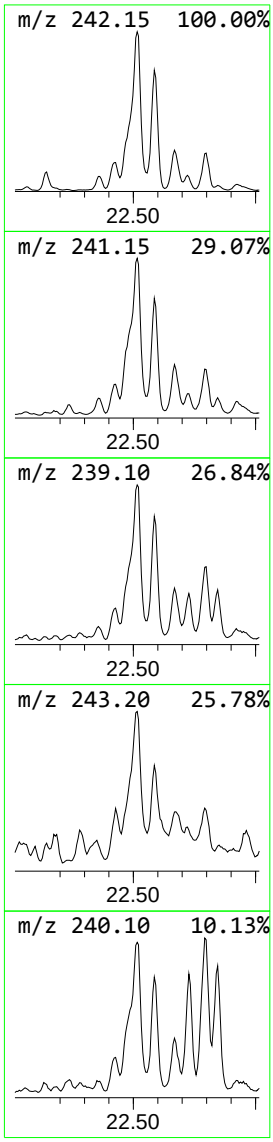
Peak Number 12 Chrysene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.515	12.13 ng	13156200	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	97
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
3	2-Methylchrysene	242	C19H14	003351-32-4	96
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
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

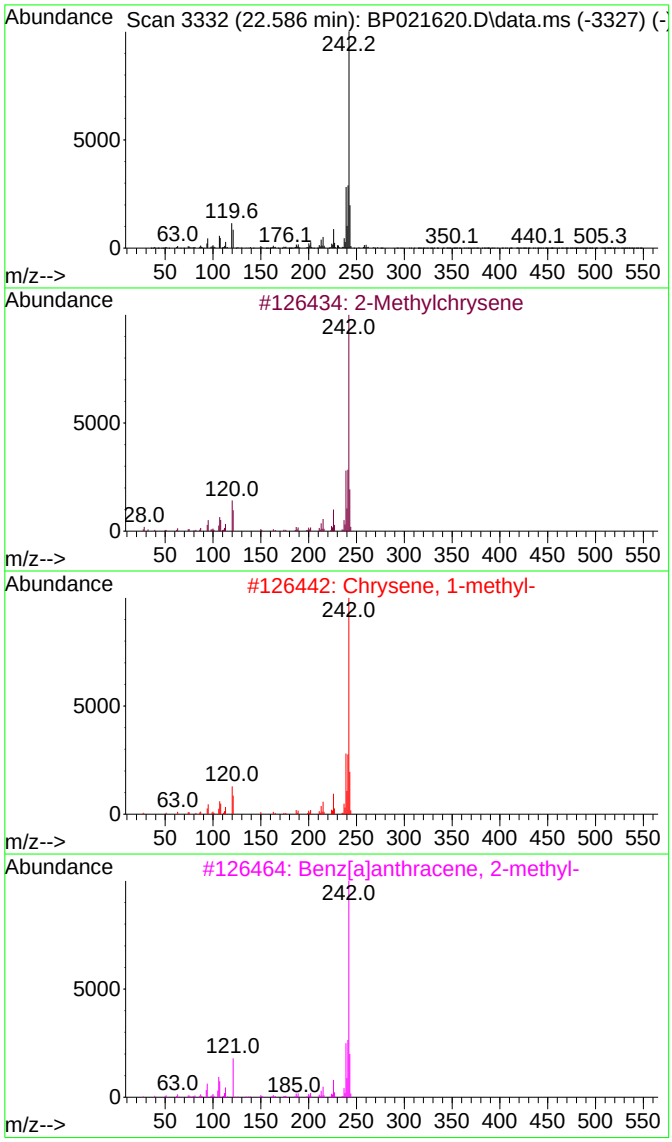
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

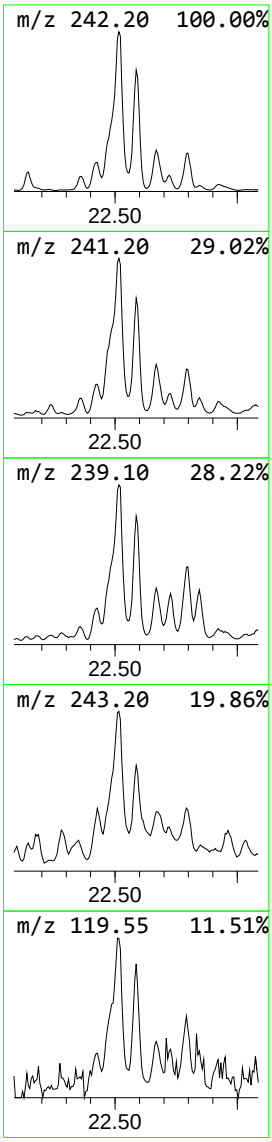
****

Peak Number 13 2-Methylchrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.586	5.38 ng	5833600	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90





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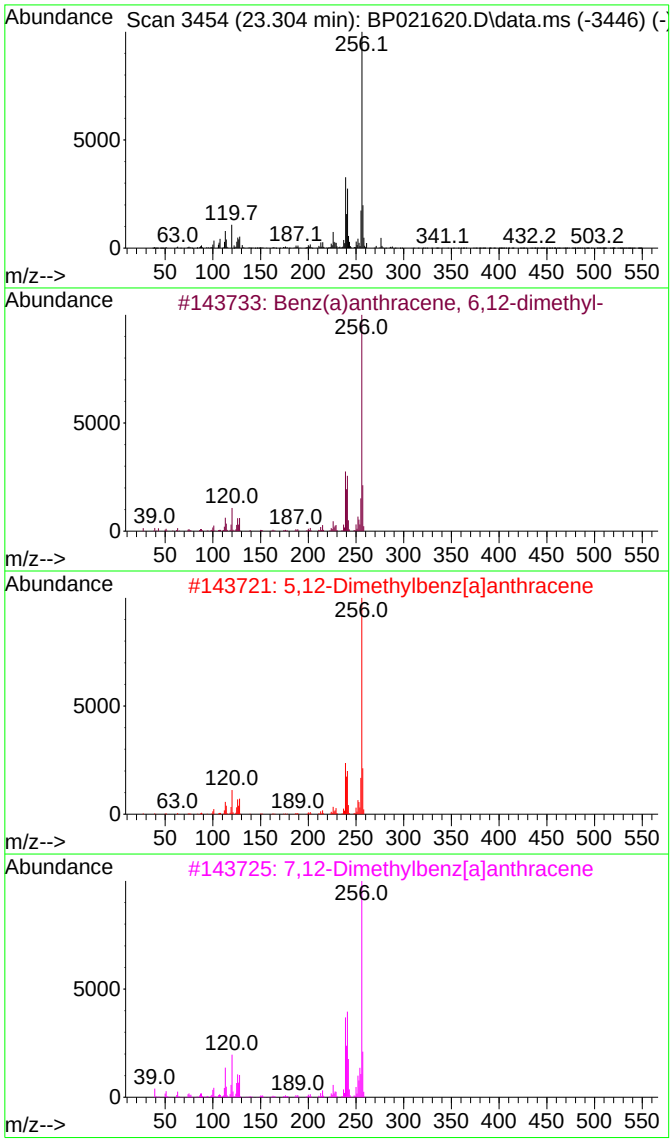
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

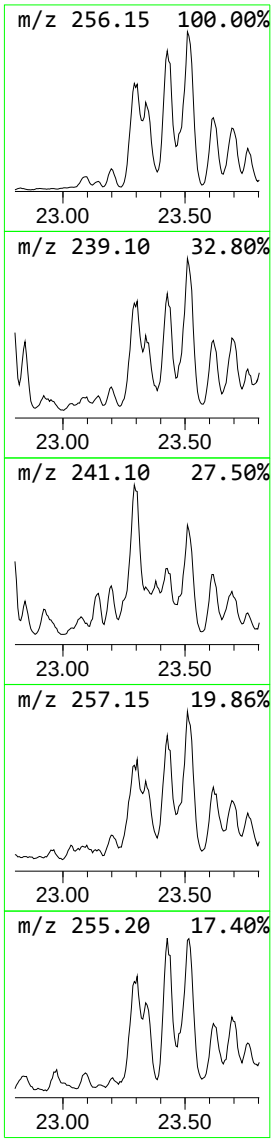
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benz(a)anthracene, 6,12-dim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.304	4.95 ng	5373120	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	94
2	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	93
3	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	93
4	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	93
5	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	91





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TIC Library : C:\Database\NIST20.L
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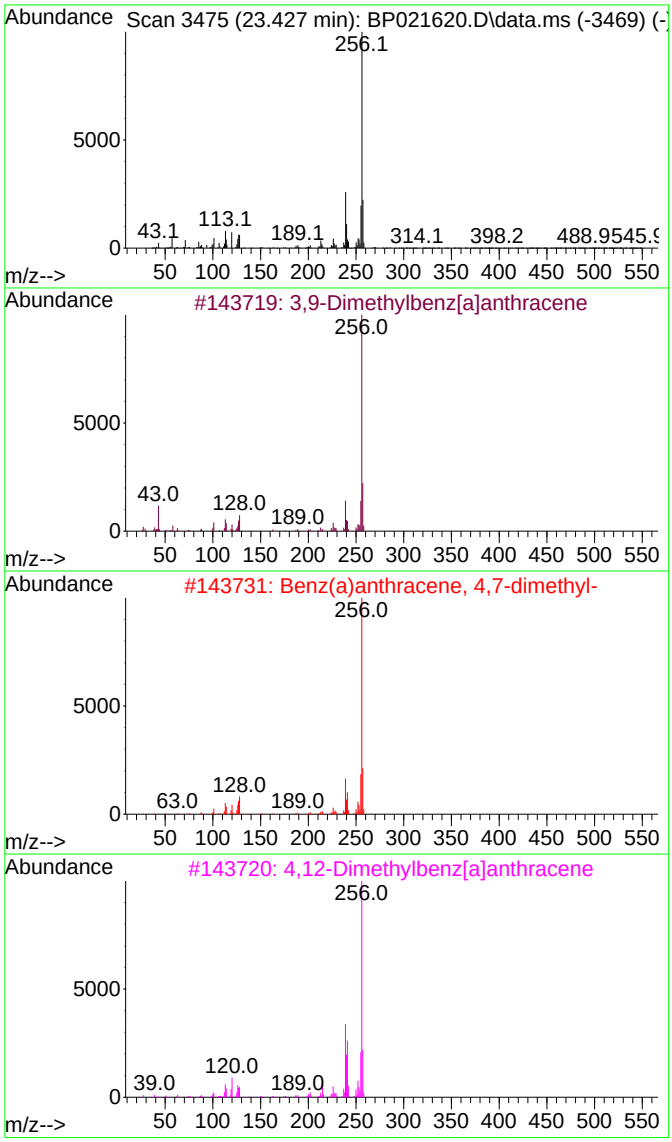
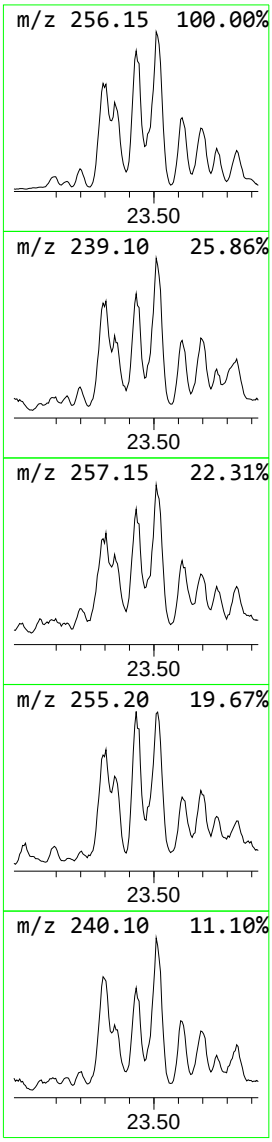
****
Peak Number 15 3,9-Dimethylbenz[a]anthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.427	4.62 ng	5014280	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	97
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	93
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	93
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	93
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	93





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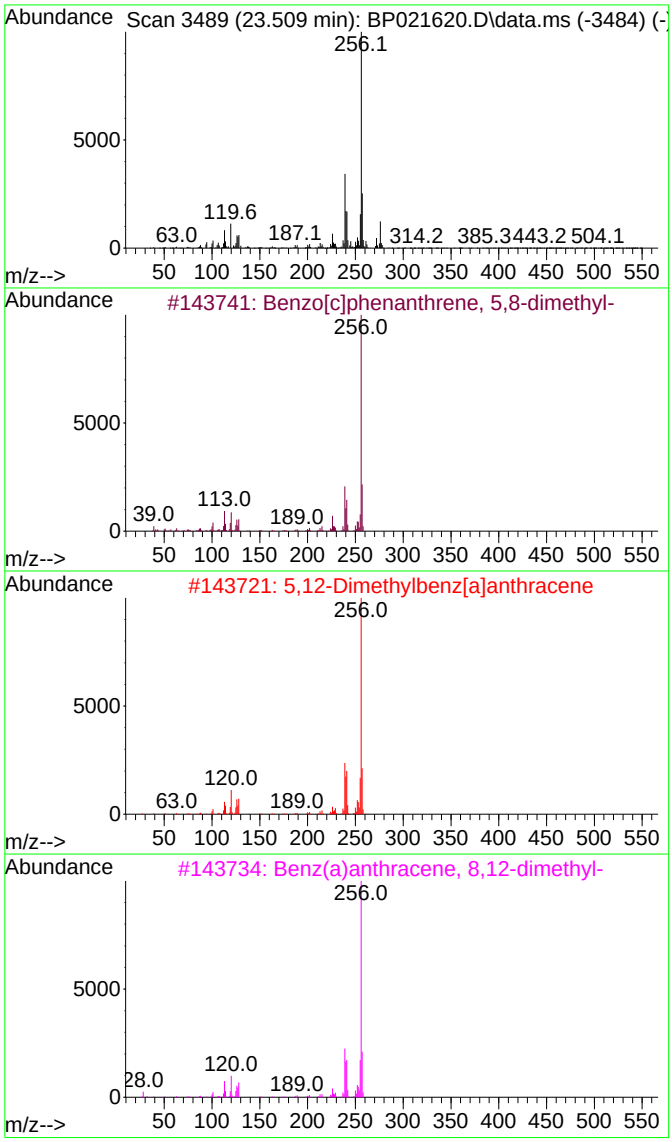
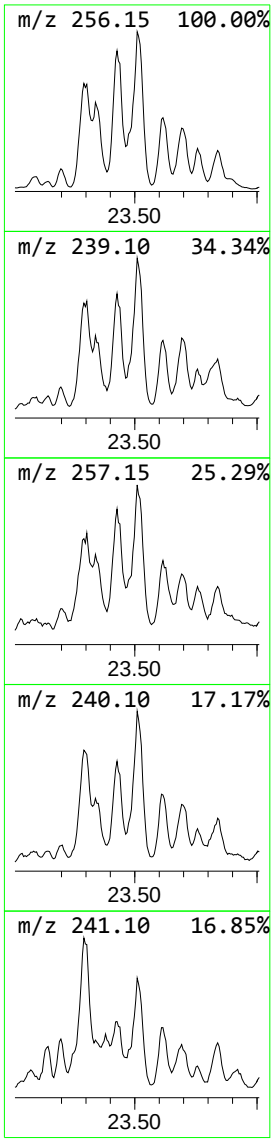
****
Peak Number 16 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	30.90 ng	7749000	Perylene-d12	25.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	95
2	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	94
3	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	93
4	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	93
5	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	93





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BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

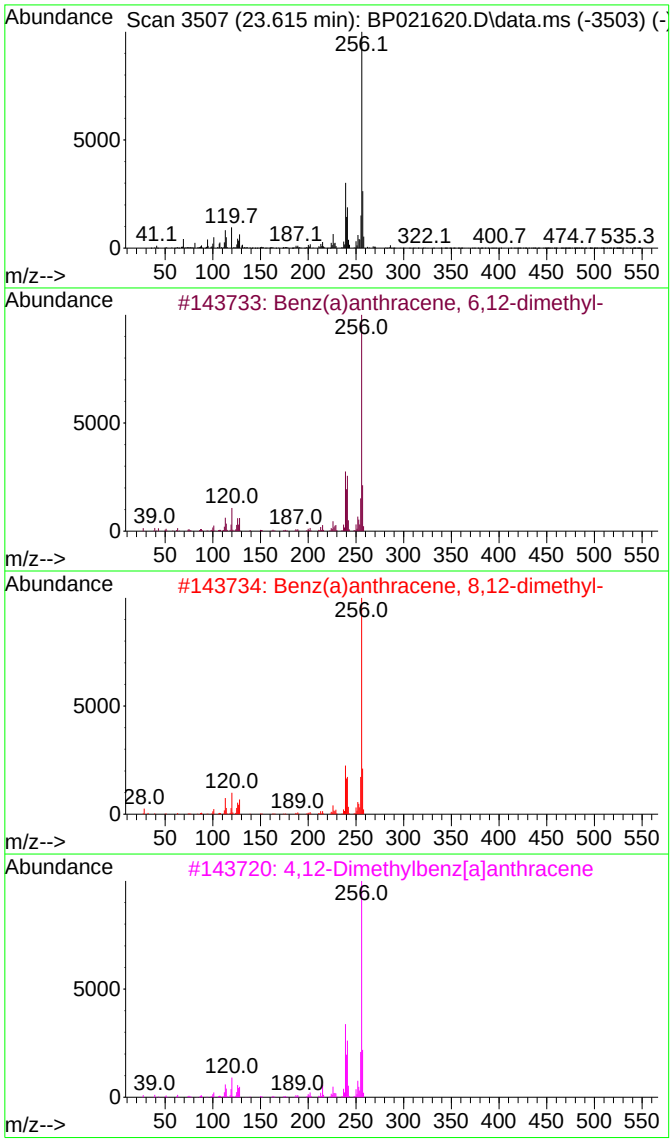
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

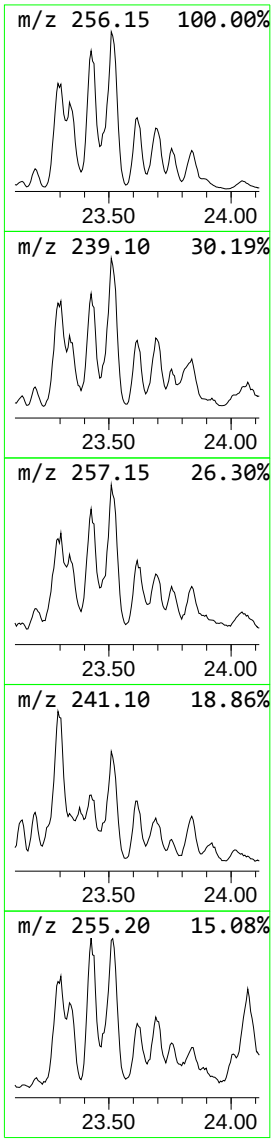
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz(a)anthracene, 8,12-dim... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.615	8.20 ng	2056220	Perylene-d12	25.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	98
2	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	97
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	95
4	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	95
5	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

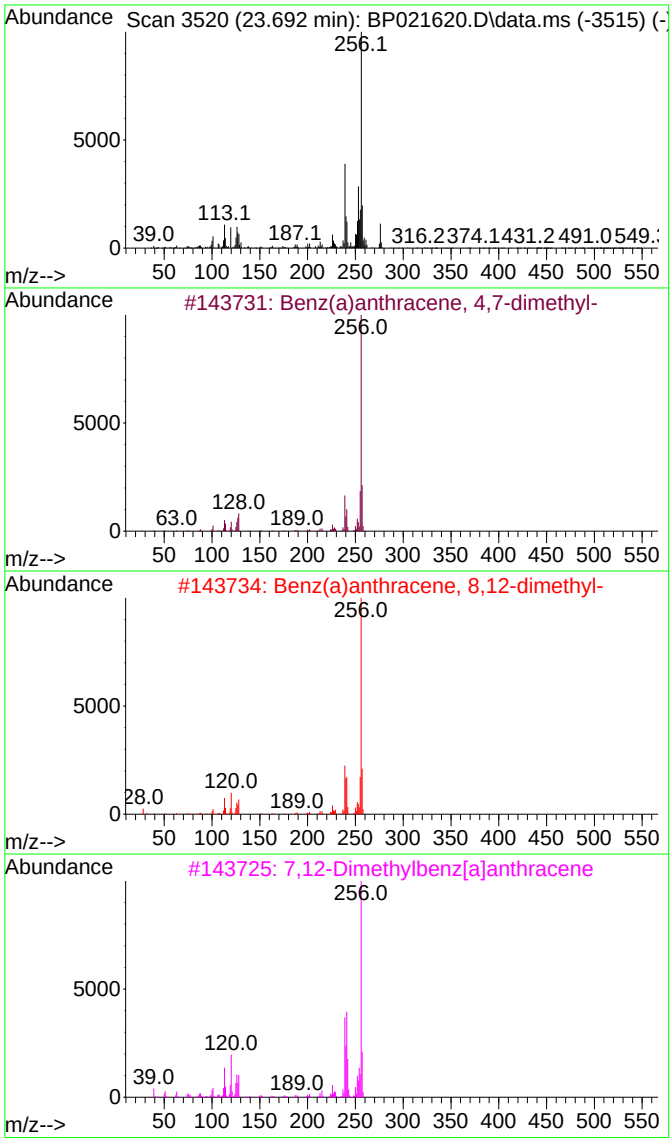
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

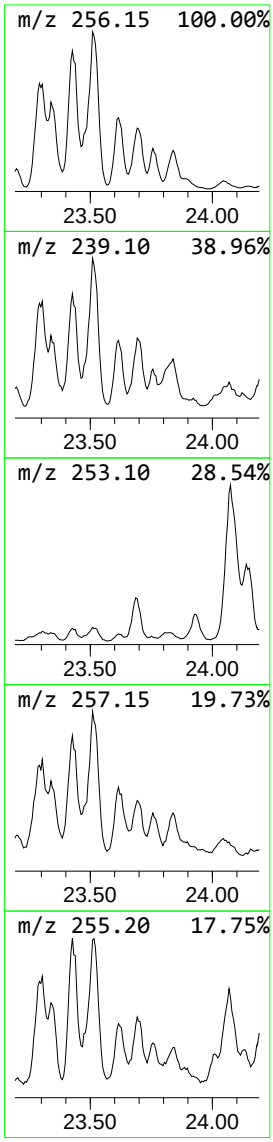
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benz(a)anthracene, 4,7-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.692	10.12 ng	2538230	Perylene-d12	25.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	90
2	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	86
3	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	83
4	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	81
5	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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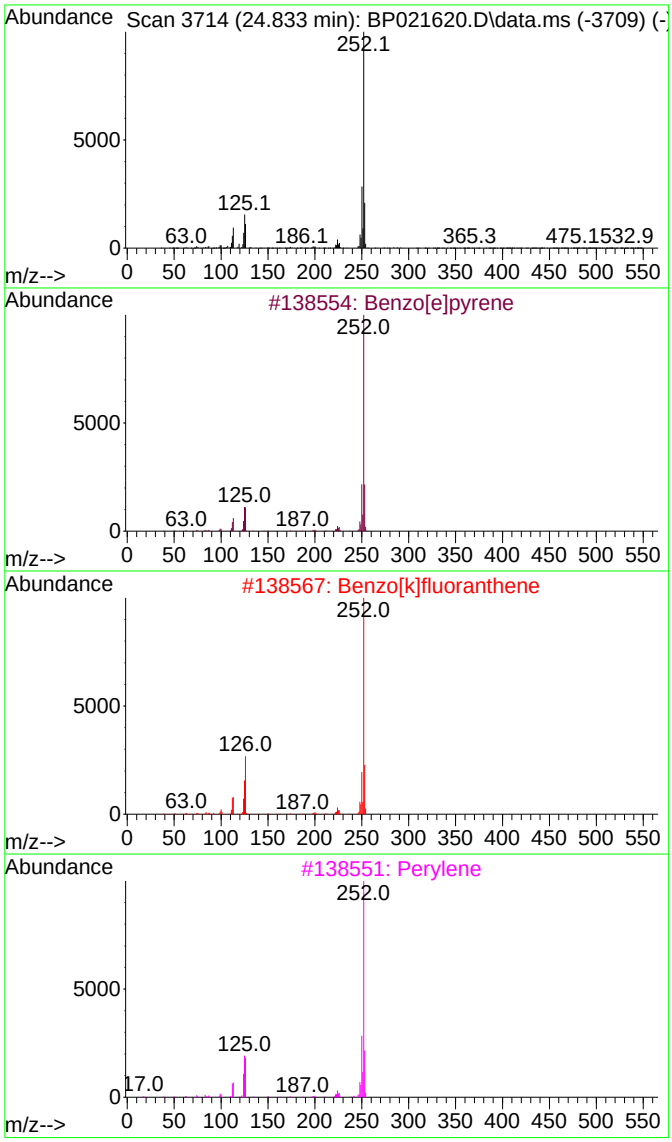
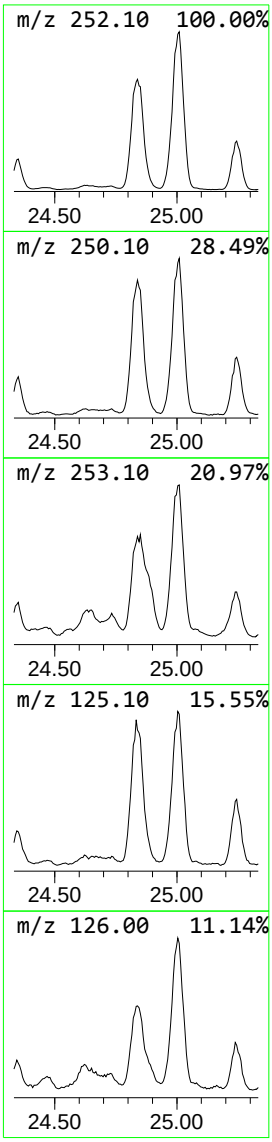
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.833	37.26 ng	9345250	Perylene-d12	25.168

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	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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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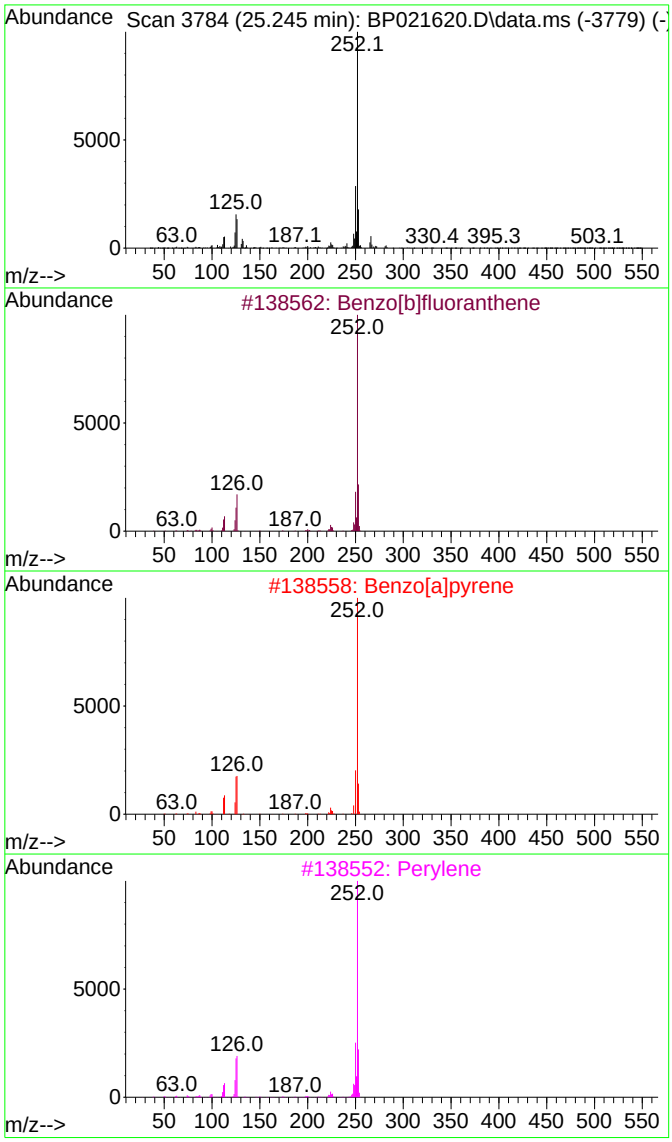
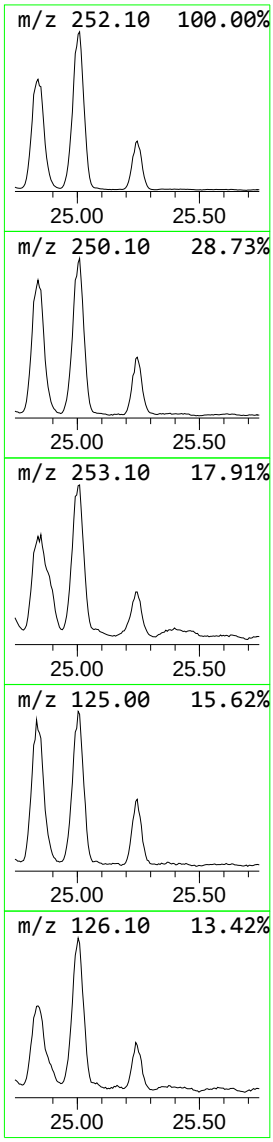
Peak Number 20 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.245	5.98 ng	1498840	Perylene-d12	25.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[e]pyrene	252	C20H12	000192-97-2	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021620.D
Acq On : 22 Aug 2024 19:23
Operator : RC/JU
Sample : P3671-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-904-J-SO-0.5-1-081924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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
Butane, 2-metho...	3.028	38.8	ng	3869420	1	7.799	1993020	20.0
2-Pentanone, 4-...	4.934	3.4	ng	337592	1	7.799	1993020	20.0
Phenanthrene, 2...	18.163	3.3	ng	965568	4	17.257	5783730	20.0
Anthracene, 1-m...	18.204	11.2	ng	3229980	4	17.257	5783730	20.0
4H-Cyclopenta[d...	18.363	11.1	ng	3218510	4	17.257	5783730	20.0
Naphthalene, 2-...	18.680	3.6	ng	1034860	4	17.257	5783730	20.0
9,10-Anthracene...	18.716	4.1	ng	1175690	4	17.257	5783730	20.0
Phenanthrene, 2...	19.116	3.6	ng	1054230	4	17.257	5783730	20.0
7H-Benz[de]anth...	21.074	3.2	ng	3499170	5	21.721	21688700	20.0
o-Terphenyl	21.392	4.8	ng	5184740	5	21.721	21688700	20.0
unknown21.880	21.880	3.5	ng	3766610	5	21.721	21688700	20.0
Chrysene, 1-met...	22.515	12.1	ng	13156200	5	21.721	21688700	20.0
2-Methylchrysene	22.586	5.4	ng	5833600	5	21.721	21688700	20.0
Benz(a)anthrace...	23.304	5.0	ng	5373120	5	21.721	21688700	20.0
3,9-Dimethylben...	23.427	4.6	ng	5014280	5	21.721	21688700	20.0
Benzo[c]phenant...	23.509	30.9	ng	7749000	6	25.168	5015870	20.0
Benz(a)anthrace...	23.615	8.2	ng	2056220	6	25.168	5015870	20.0
Benz(a)anthrace...	23.692	10.1	ng	2538230	6	25.168	5015870	20.0
Benzo[e]pyrene	24.833	37.3	ng	9345250	6	25.168	5015870	20.0
Perylene	25.245	6.0	ng	1498840	6	25.168	5015870	20.0