LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

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_E\Methods\8270-BE102824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BE101449.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.875	45	49	62	rVB	98192	152020	5.45%	0.527%
2	5.325	460	466	482	rBV	102009	186365	6.68%	0.646%
3	6.953	737	743	760	rBV	81620	188542	6.76%	0.654%
4	7.570	839	848	857	rBV	214477	356876	12.79%	1.237%
5	8.786	1049	1055	1067	rBV	61572	119457	4.28%	0.414%
6	10.343	1313	1320	1326	rBV	302062	531425	19.04%	1.842%
7	12.805	1732	1739	1747	rBV	205361	324852	11.64%	1.126%
8	13.921	1919	1929	1940	rBV3	19837	52480	1.88%	0.182%
9	14.179	1962	1973	1980	rBV	510336	798439	28.61%	2.768%
10	14.244	1980	1984	1994	rVB	61050	94958	3.40%	0.329%
11	14.585	2039	2042	2046	rBV	20825	28883	1.04%	0.100%
12	15.225	2147	2151	2158	rVB2	54318	78329	2.81%	0.272%
13	15.689	2219	2230	2237	rBV2	198792	342487	12.27%	1.187%
14	16.212	2310	2319	2323	rBV3	28288	60358	2.16%	0.209%
15	16.594	2379	2384	2387	rBV	38310	53471	1.92%	0.185%
16	16.741	2404	2409	2418	rVB	56108	90777	3.25%	0.315%
17	16.917	2433	2439	2443	rBV	691051	1053127	37.74%	3.651%
18	16.959	2443	2446	2455	rVV	1084351	1507335	54.02%	5.226%
19	17.047	2455	2461	2470	rVV	226667	356579	12.78%	1.236%
20	17.311	2502	2506	2511	rBV2	30277	46953	1.68%	0.163%
21	17.376	2513	2517	2521	rVV	71792	97431	3.49%	0.338%
22	17.423	2521	2525	2528	rVV	28116	38087	1.36%	0.132%
23	17.487	2532	2536	2541	rVB2	31992	51000	1.83%	0.177%
24	17.769	2579	2584	2588	rVV	207107	283526	10.16%	0.983%
25	17.816	2588	2592	2597	rVV	222299	329804	11.82%	1.143%
26	17.899	2601	2606	2612	rVV	88198	135621	4.86%	0.470%
27	17.975	2612	2619	2622	rVV3	213168	486811	17.45%	1.688%
28	18.004	2622	2624	2632	rVB	150673	187953	6.74%	0.652%
29	18.163	2648	2651	2655	rBV2	26429	35423	1.27%	0.123%
30	18.269	2663	2669	2675	rBV	132305	214267	7.68%	0.743%
31	18.339	2677	2681	2686	rVV	93241	134451	4.82%	0.466%
32	18.386	2686	2689	2692	rVB	28226	34338	1.23%	0.119%
33	18.504	2704	2709	2714	rBV2	57608	100667	3.61%	0.349%
34	18.557	2714	2718	2721	rVV	63498	87959	3.15%	0.305%
35	18.592	2721	2724	2728	rVB	38514	50324	1.80%	0.174%
36	18.680	2734	2739	2745	rBV	136573	249748	8.95%	0.866%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

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_E\Methods\8270-BE102824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.739	2745	2749	2752	rBV	41902	75561	2.71%	0.262%
38	18.821	2759	2763	2765	rBV	41897	56265	2.02%	0.195%
39	18.862	2767	2770	2776	rVB	110812	153085	5.49%	0.531%
40	18.968	2780	2788	2793	rBV	2081106	2790540	100.00%	9.674%
41	19.168	2820	2822	2826	rBV2	33472	46931	1.68%	0.163%
42	19.215	2827	2830	2837	rVB2	82996	135284	4.85%	0.469%
43	19.297	2839	2844	2847	rBV2	278373	474692	17.01%	1.646%
44	19.338	2847	2851	2856	rVB	1865657	2433265	87.20%	8.436%
45	19.508	2875	2880	2886	rBV	585751	747985	26.80%	2.593%
46	19.591	2891	2894	2899	rVV	58198	86334	3.09%	0.299%
47	19.650	2899	2904	2910	rVB3	172849	323611	11.60%	1.122%
48	19.814	2930	2932	2938	rVB2	213652	237945	8.53%	0.825%
49	19.920	2946	2950	2953	rBV2	75292	104059	3.73%	0.361%
50	19.973	2953	2959	2963	rVB3	180027	297729	10.67%	1.032%
51	20.008	2963	2965	2968	rBV	44405	47599	1.71%	0.165%
52	20.120	2980	2984	2988	rBV	146897	200908	7.20%	0.697%
53	20.161	2988	2991	2997	rVB2	169403	237627	8.52%	0.824%
54	20.572	3058	3061	3065	rVB	234302	253168	9.07%	0.878%
55	20.731	3084	3088	3091	rBV	242349	312780	11.21%	1.084%
56	20.772	3092	3095	3098	rVV	178468	225840	8.09%	0.783%
57	20.813	3098	3102	3106	rVV2	197284	327725	11.74%	1.136%
58	20.866	3108	3111	3118	rVB	255899	362946	13.01%	1.258%
59	21.065	3140	3145	3146	rBV	1185024	1537003	55.08%	5.329%
60	21.118	3151	3154	3159	rVB	1202654	1510363	54.12%	5.236%
61	21.236	3171	3174	3178	rVB	163712	196147	7.03%	0.680%
62	21.618	3235	3239	3245	rVB	227372	363239	13.02%	1.259%
63	22.669	3412	3418	3422	rBV	851274	1971166	70.64%	6.834%
64	23.169	3498	3503	3512	rVB	548376	1108326	39.72%	3.842%
65	23.269	3514	3520	3531	rVB	799334	1587362	56.88%	5.503%
66	23.380	3533	3539	3544	rBV	838098	1697755	60.84%	5.886%

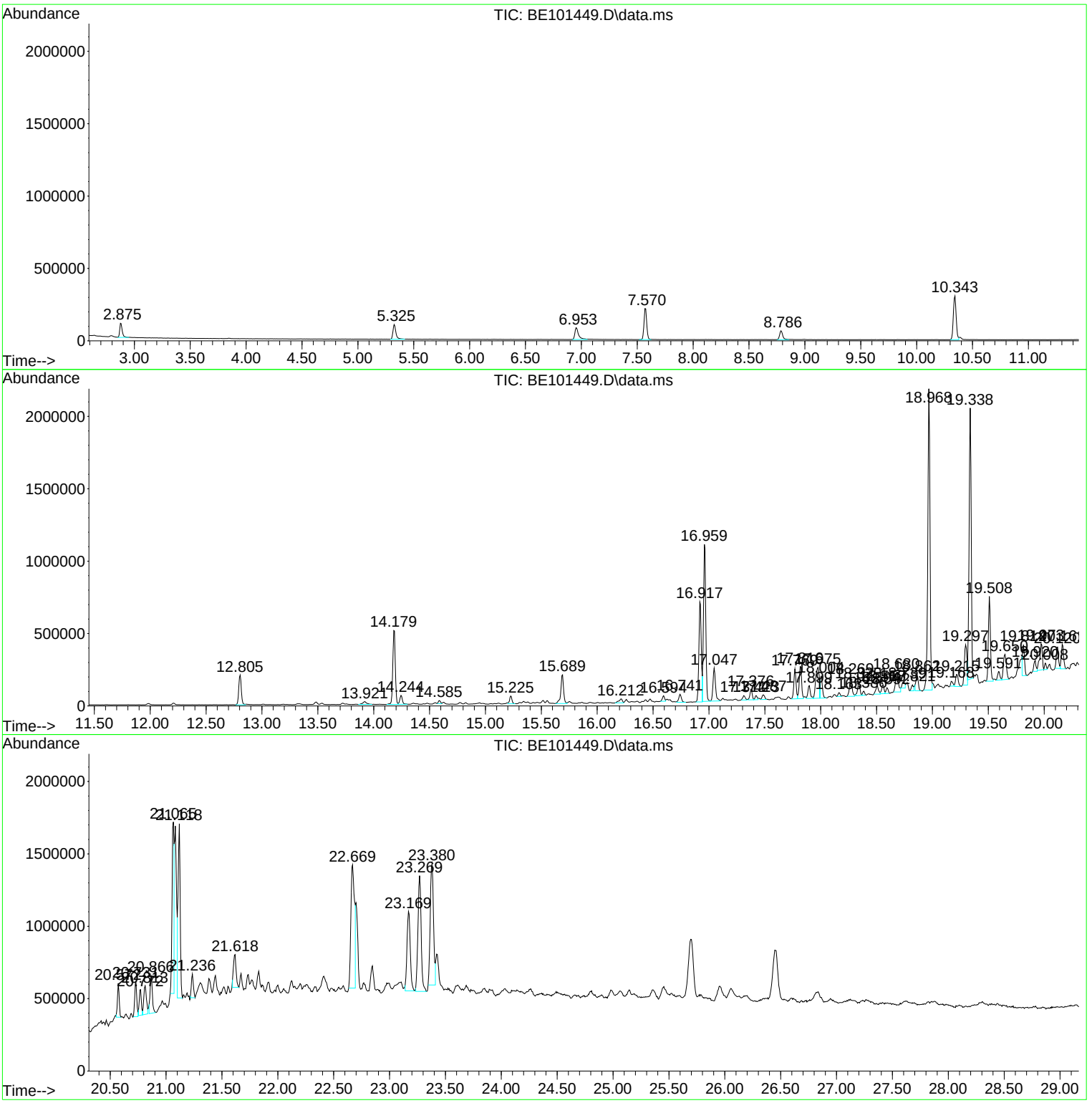
Sum of corrected areas: 28844363

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.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_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

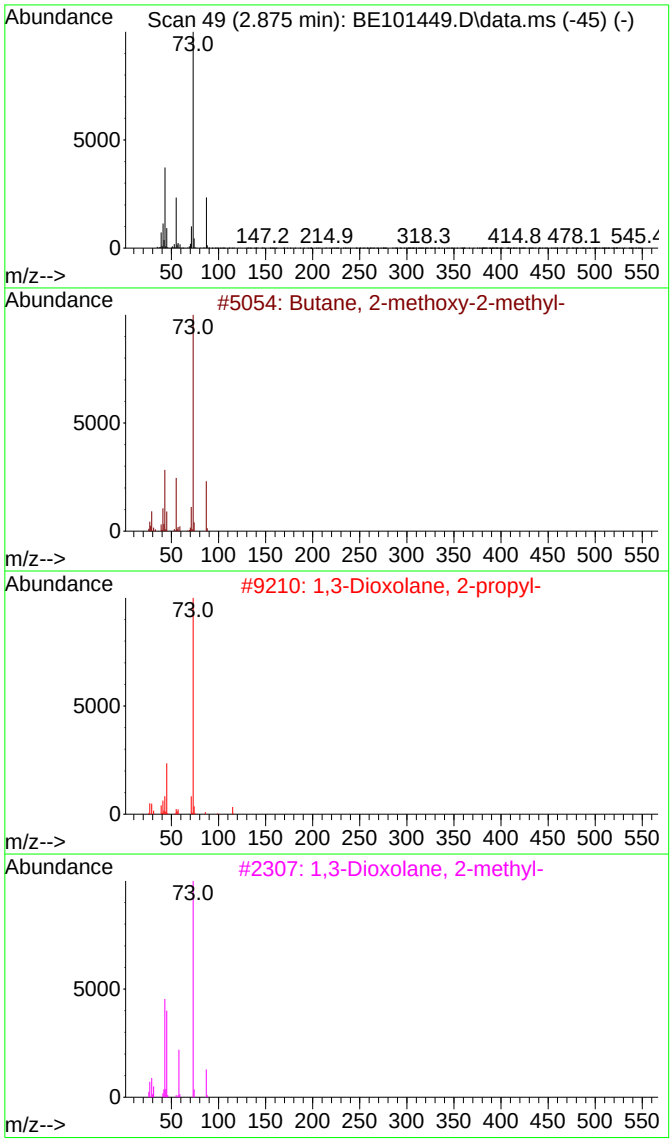
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

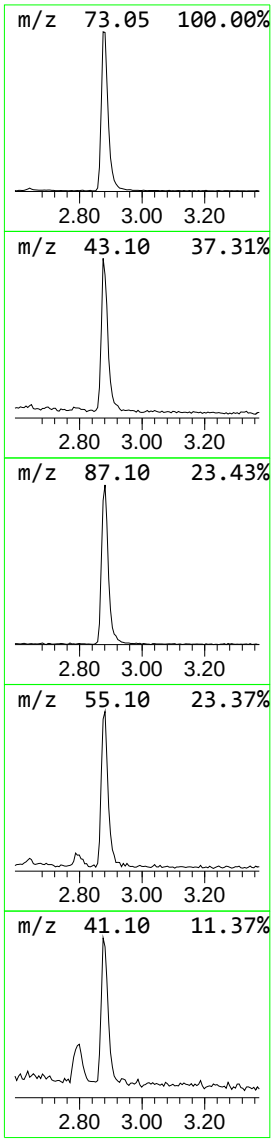
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.875	8.52 ng	152020	1,4-Dichlorobenzene-d4	7.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	32
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

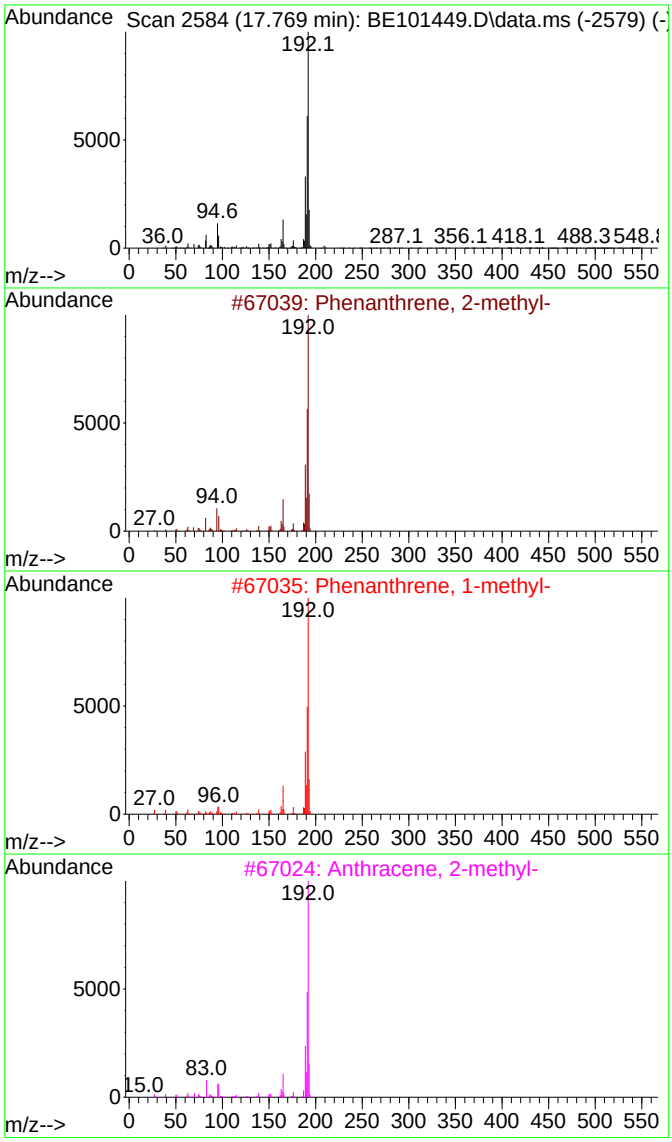
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

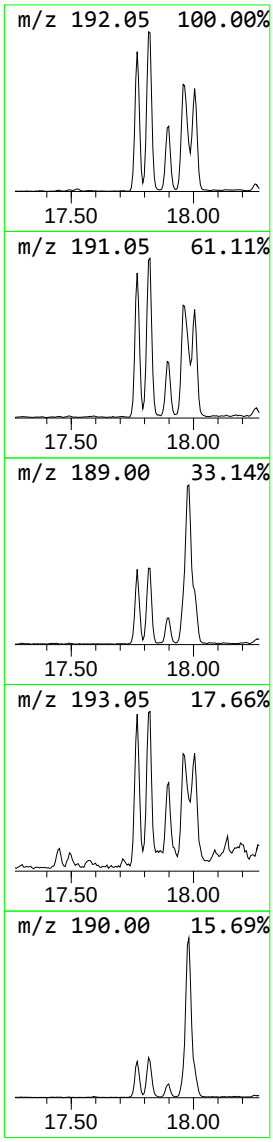
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	5.38 ng	283526	Phenanthrene-d10	16.917

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

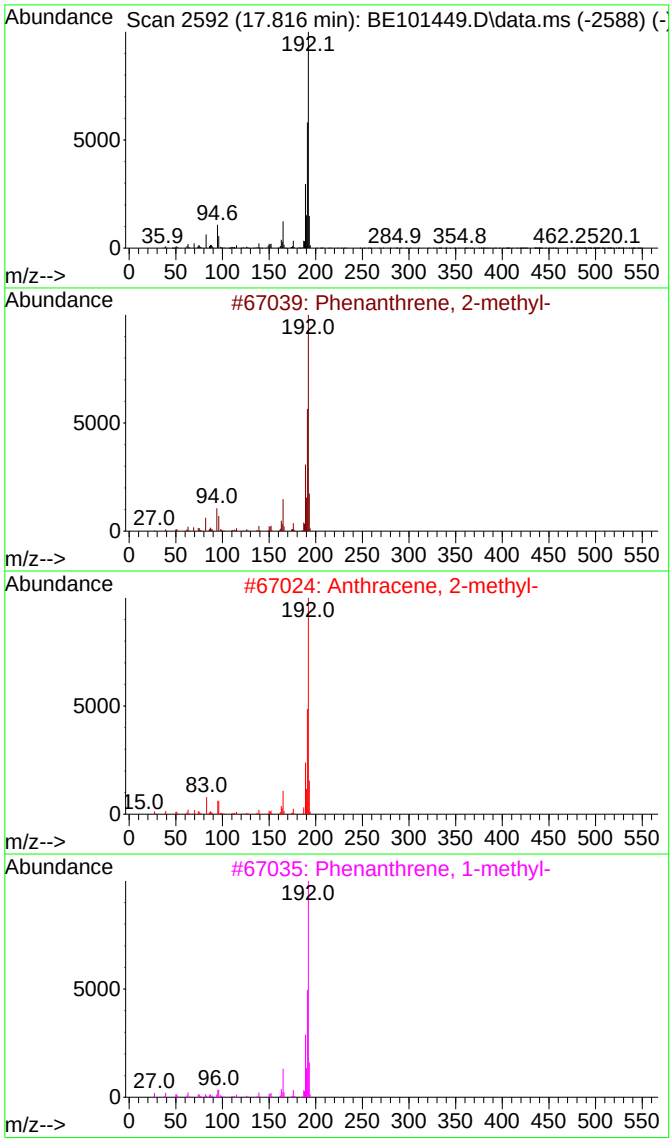
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

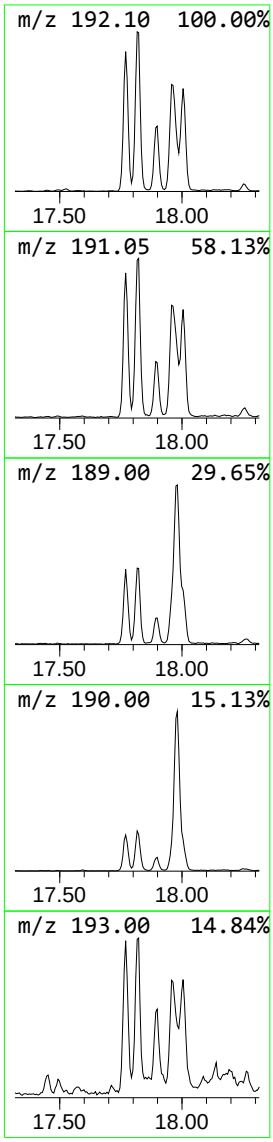
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.816	6.26 ng	329804	Phenanthrene-d10	16.917

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

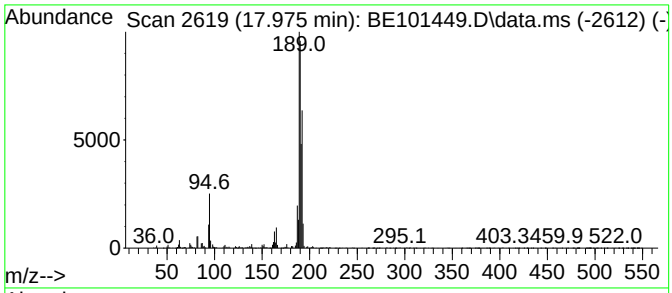
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

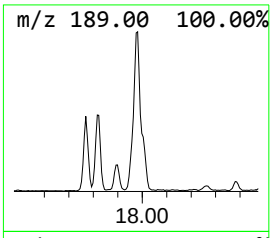
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

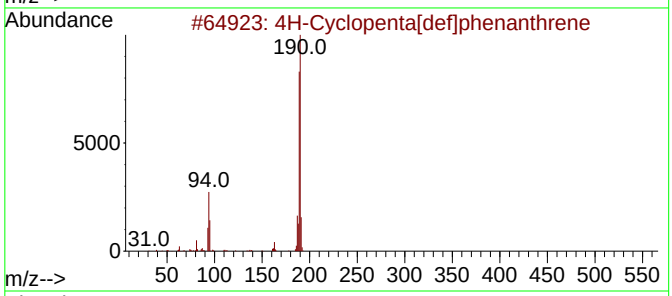
****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

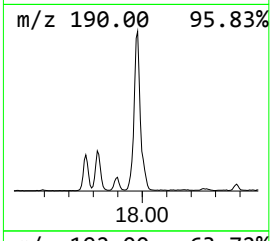
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	9.25 ng	486811	Phenanthrene-d10	16.917

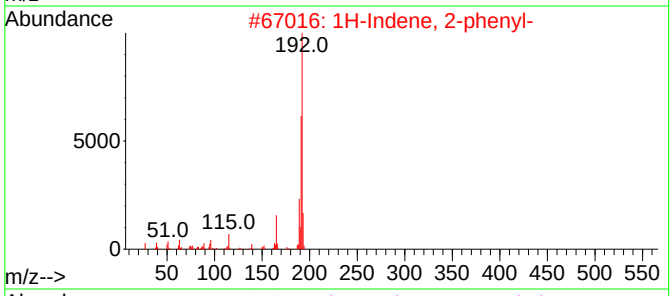
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	35

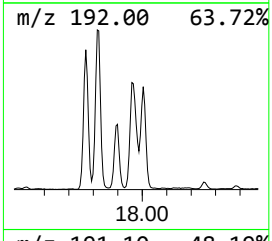


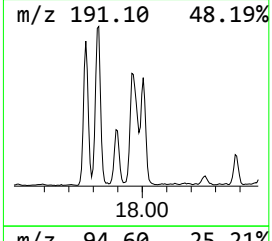


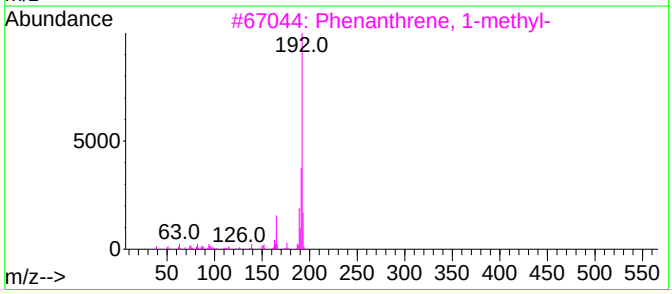


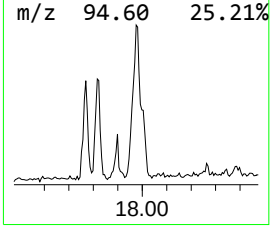












Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

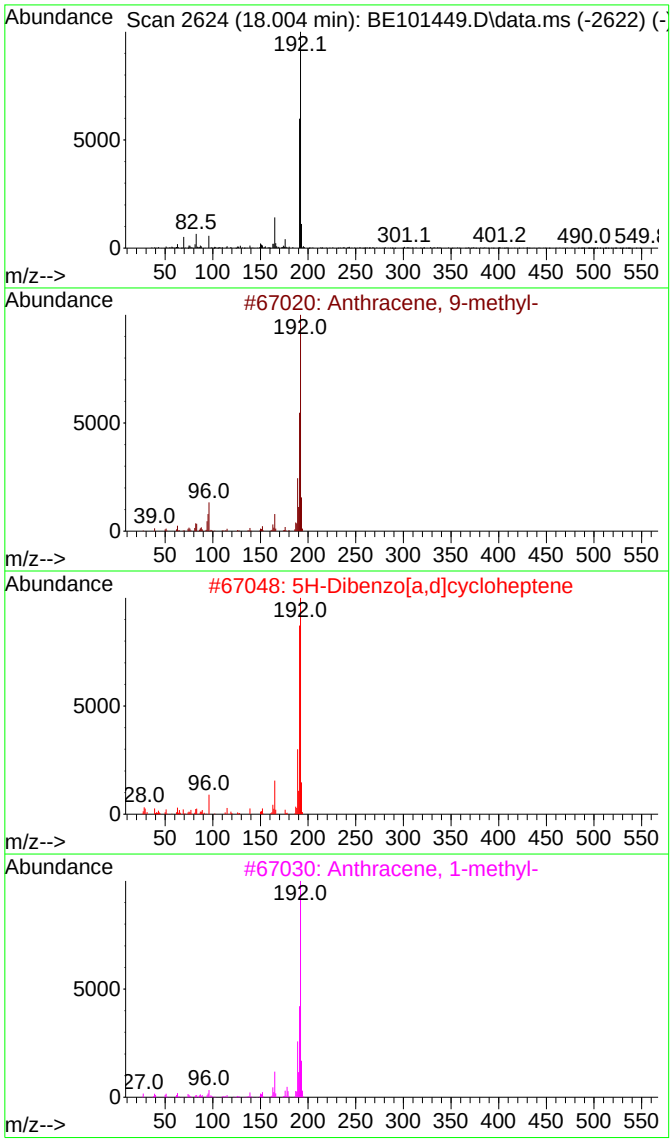
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

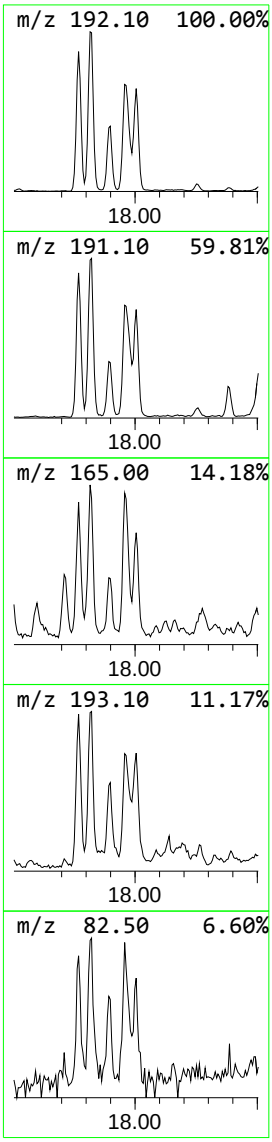
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	3.57 ng	187953	Phenanthrene-d10	16.917

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

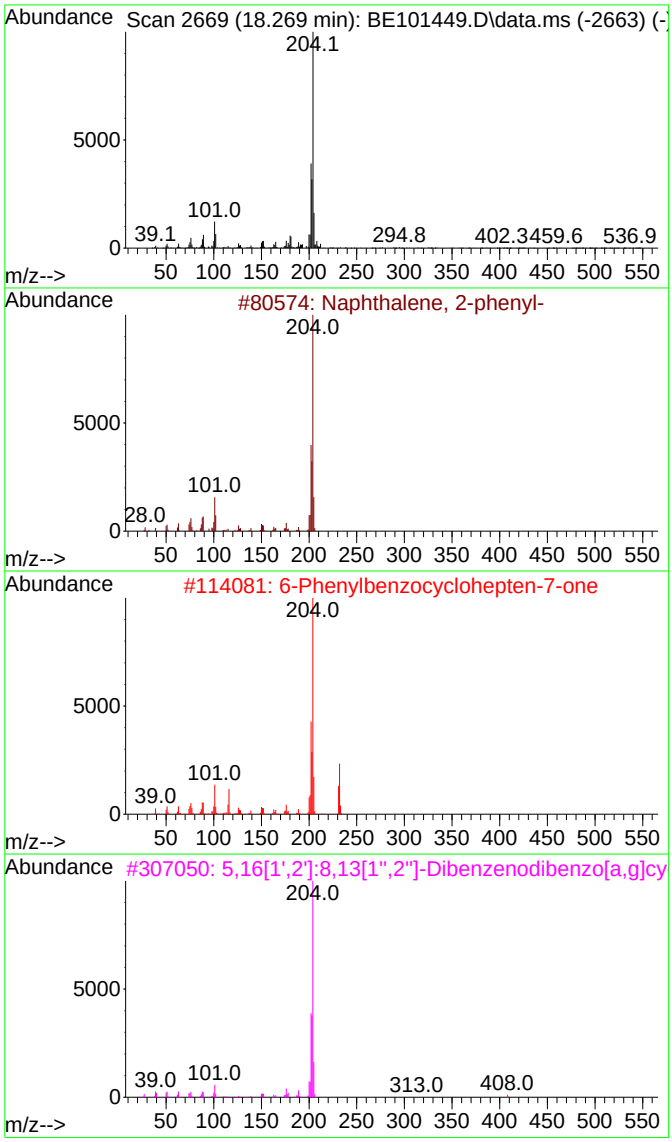
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

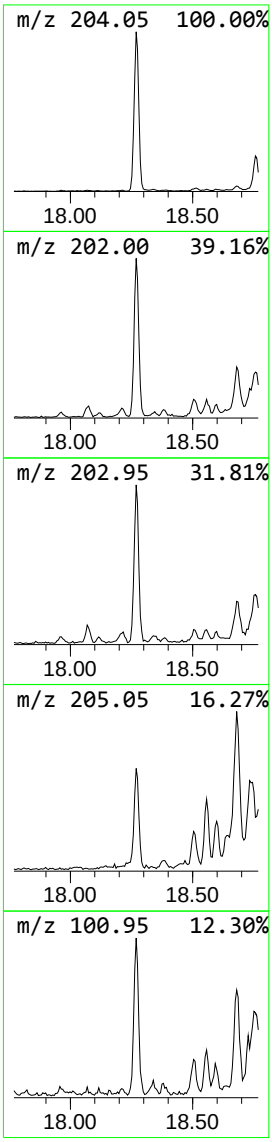
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	4.07 ng	214267	Phenanthrene-d10	16.917

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	87
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	62





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Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
Z-02-WC

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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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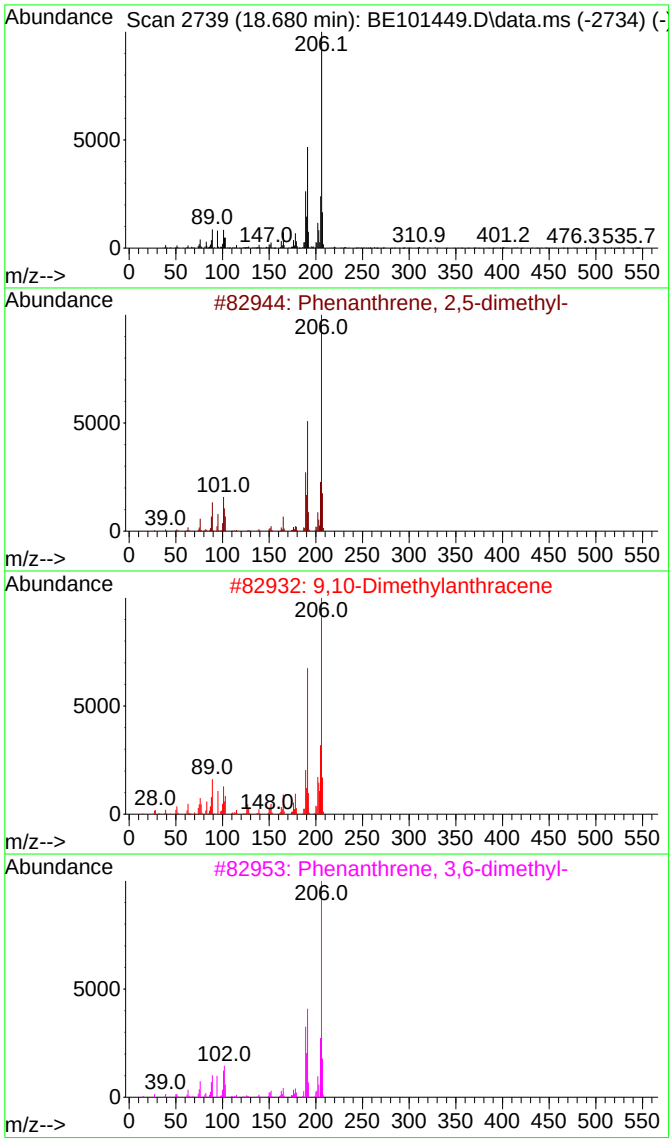
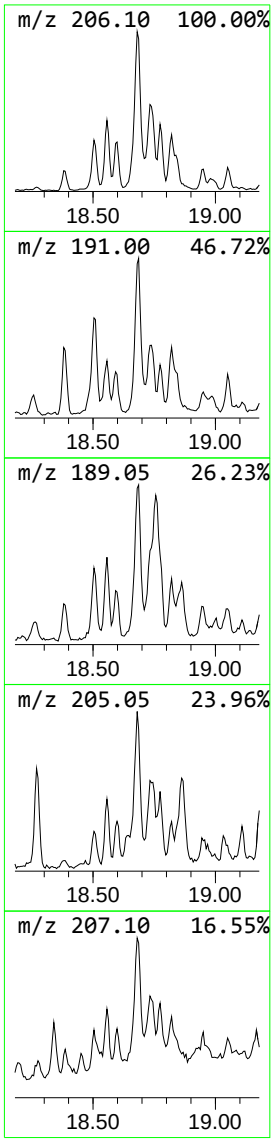
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	4.74 ng	249748	Phenanthrene-d10	16.917

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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

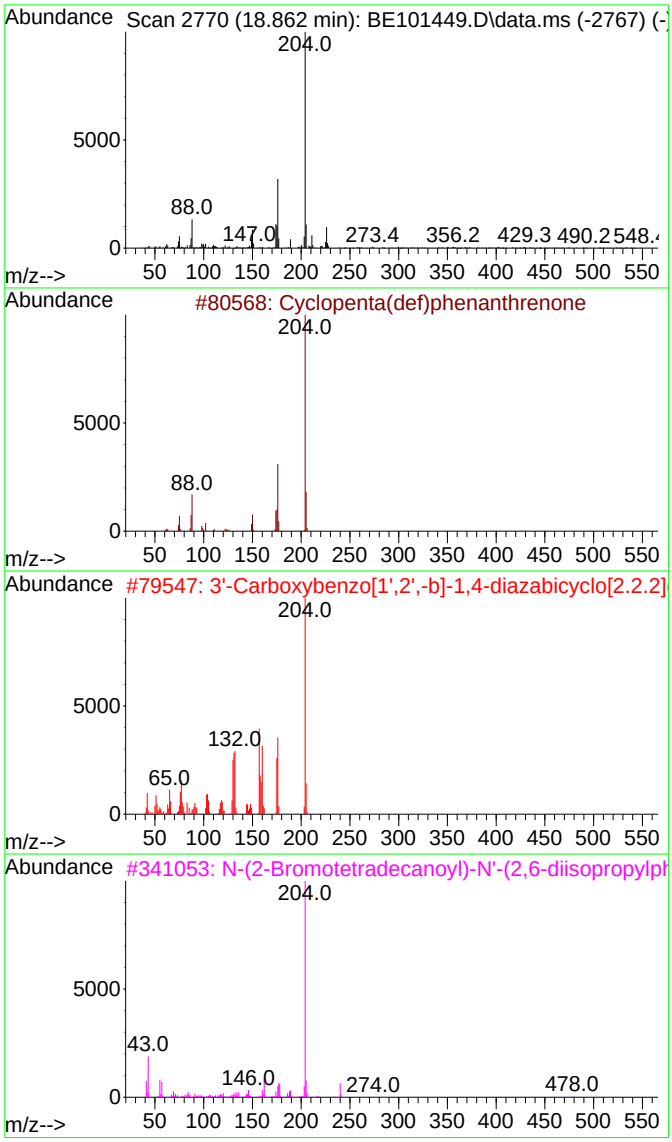
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

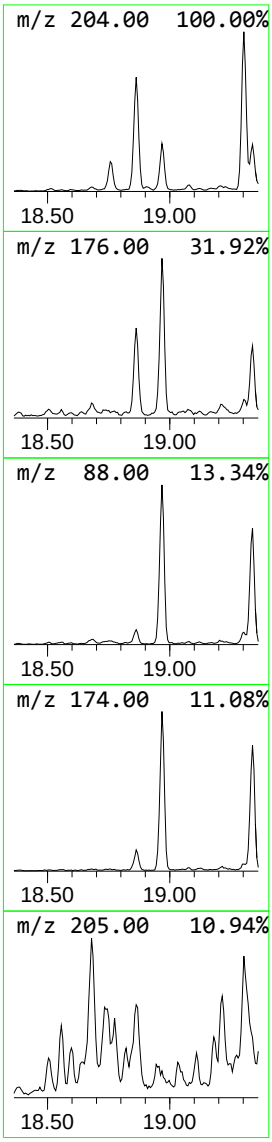
****

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	2.91 ng	153085	Phenanthrene-d10	16.917

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
2	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	58
3	N-(2-Bromotetradecanoyl)-N'-(2,6...	522	C28H47BrN2O2	1000124-98-8	47
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42





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Misc :
ALS Vial : 8 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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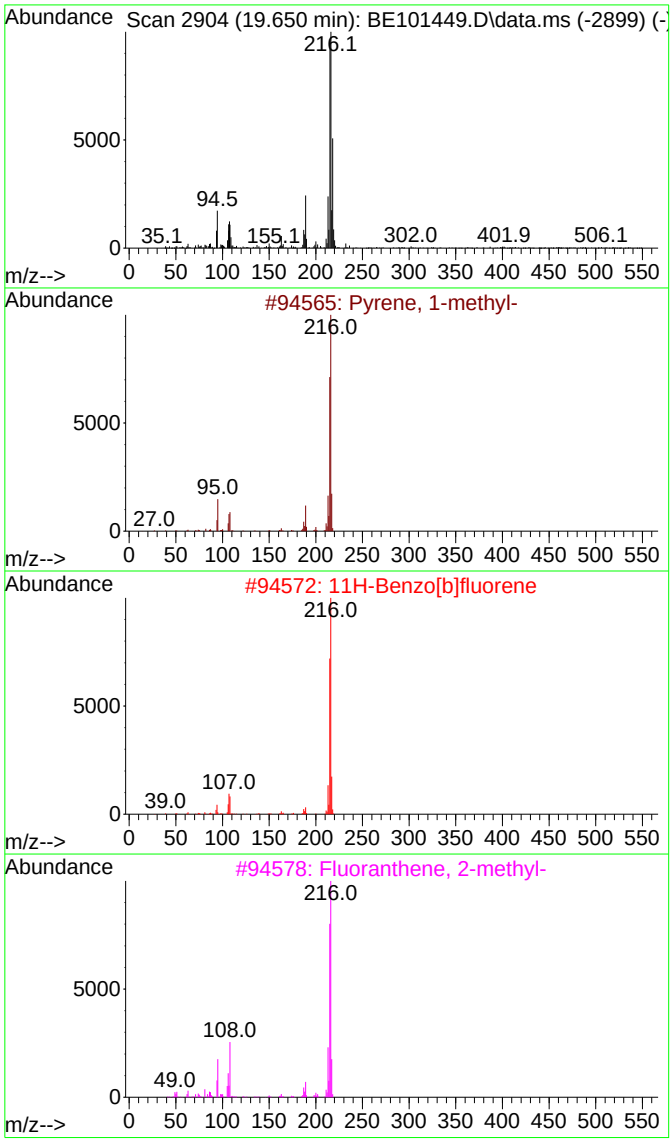
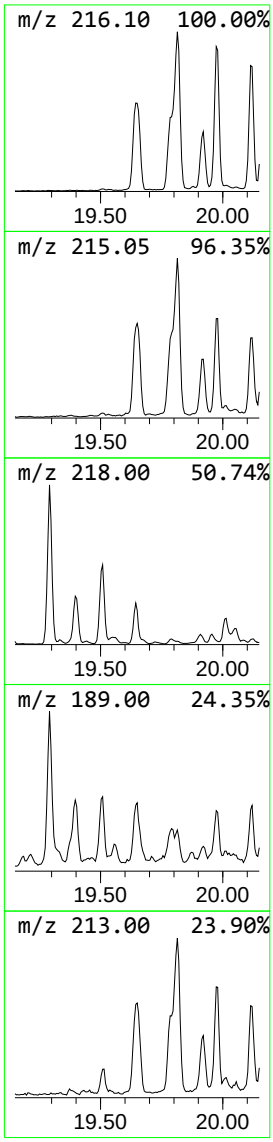
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.650	4.21 ng	323611	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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

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

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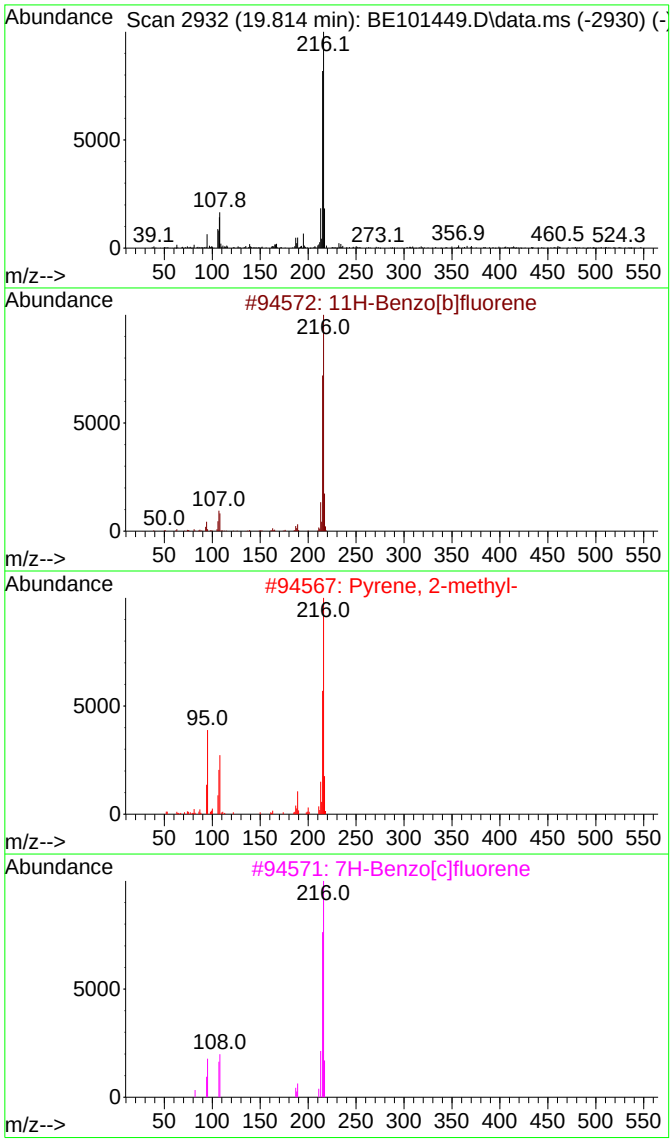
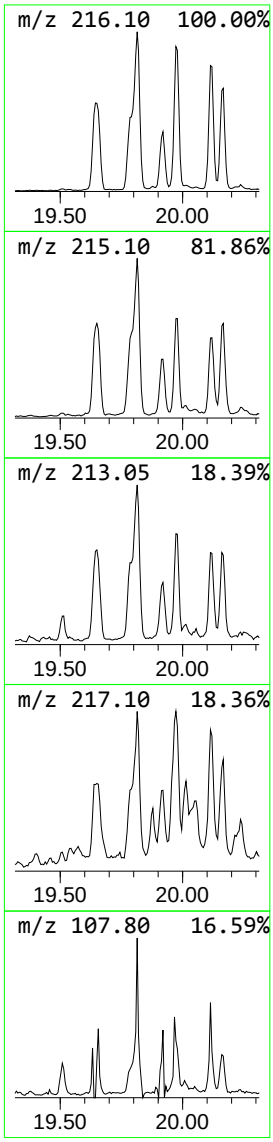
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.814	3.10 ng	237945	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
4	7-(1-Piperidinylmethyl)-8-quinol...	314	C18H26N2OSi	1000476-73-7	78
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Misc :
ALS Vial : 8 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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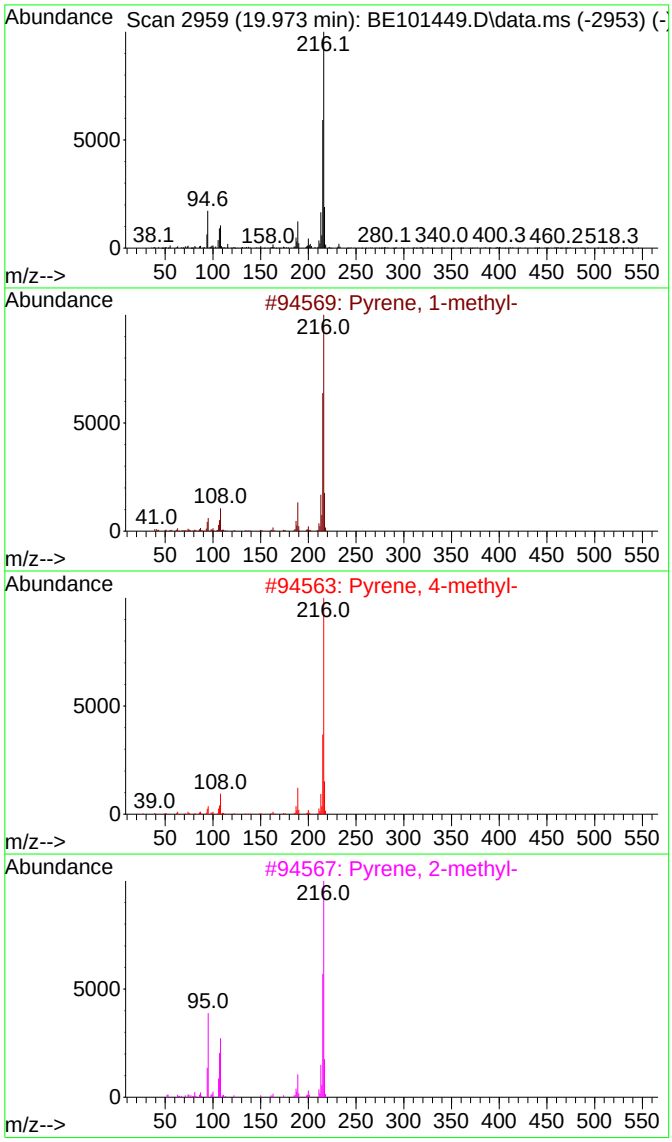
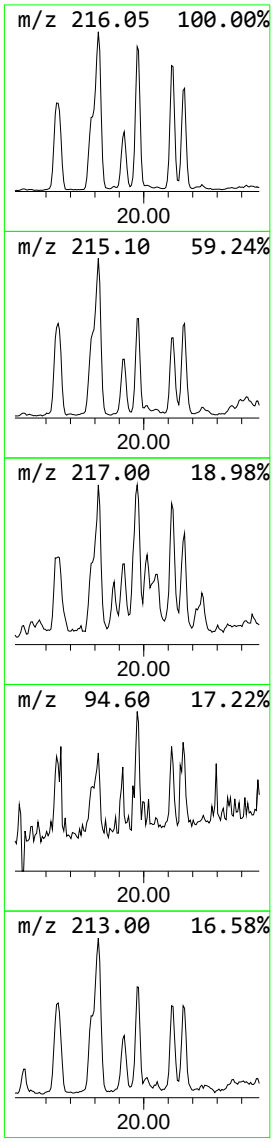
Peak Number 11 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.973	3.87 ng	297729	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
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	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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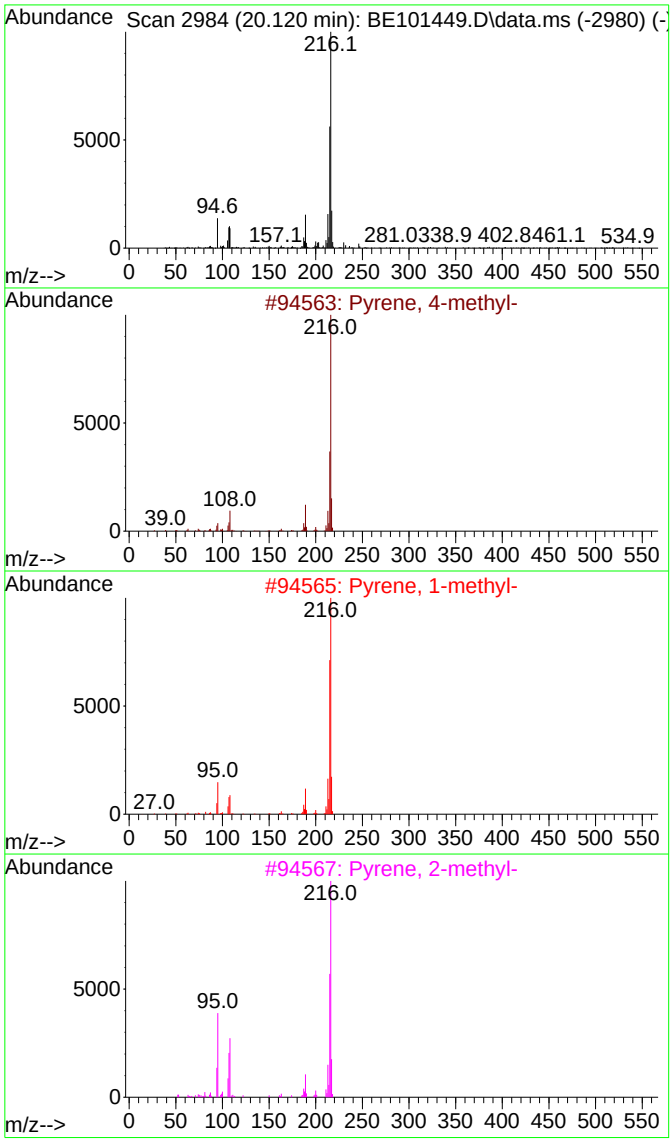
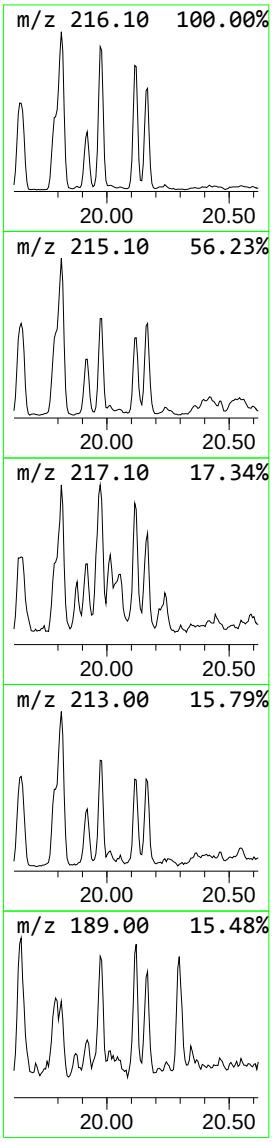
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.119	2.61 ng	200908	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
Z-02-WC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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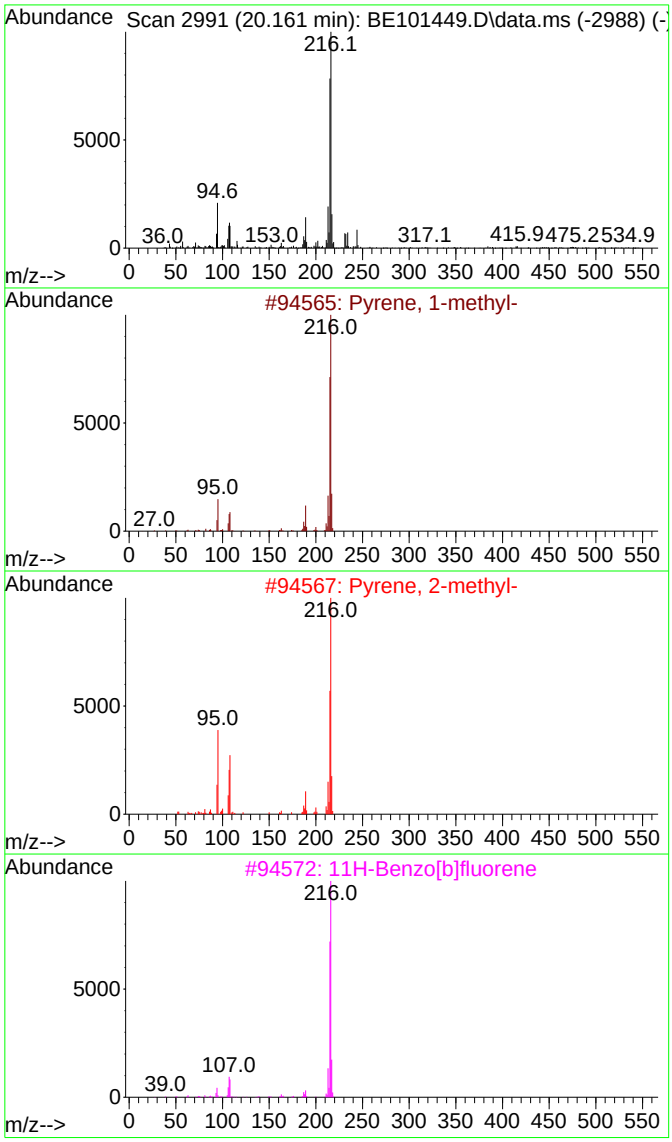
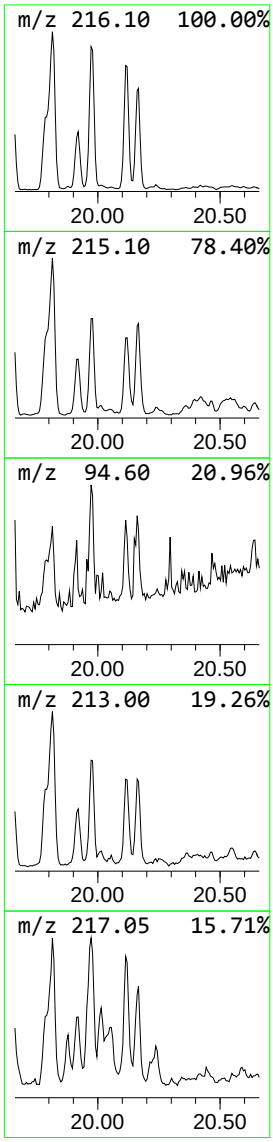
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.161	3.09 ng	237627	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.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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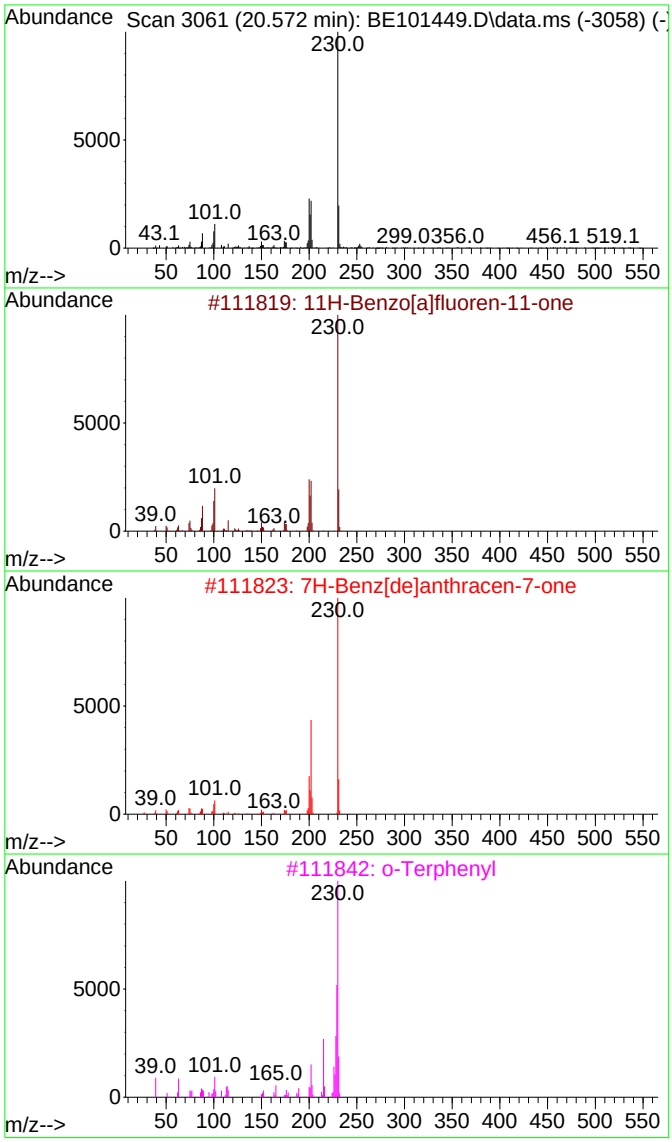
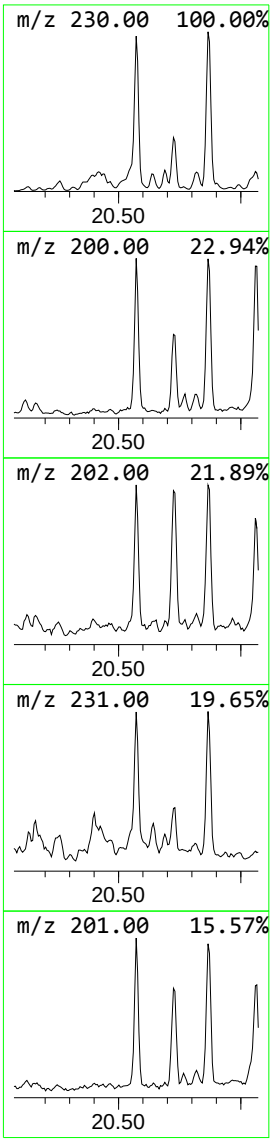
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.572	3.29 ng	253168	Chrysene-d12	21.083

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	o-Terphenyl	230	C18H14	000084-15-1	64
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	58





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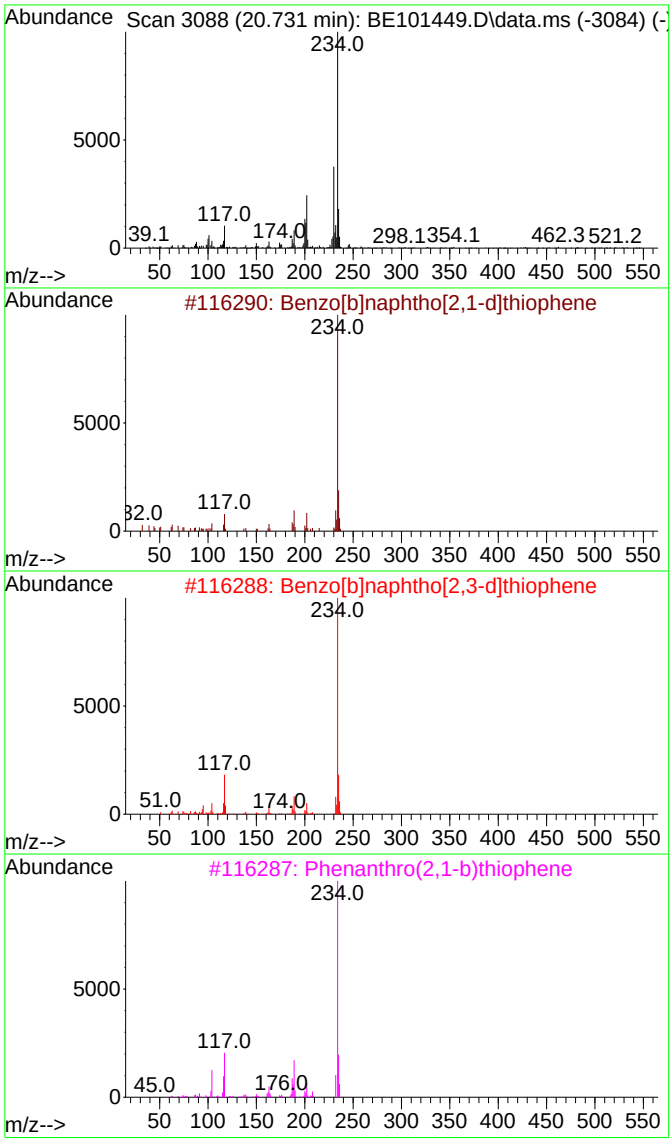
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

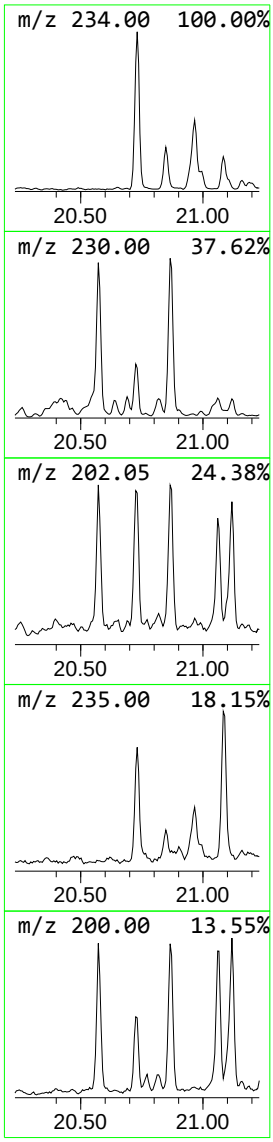
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.731	4.07 ng	312780	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
3	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	53
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	50
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	49





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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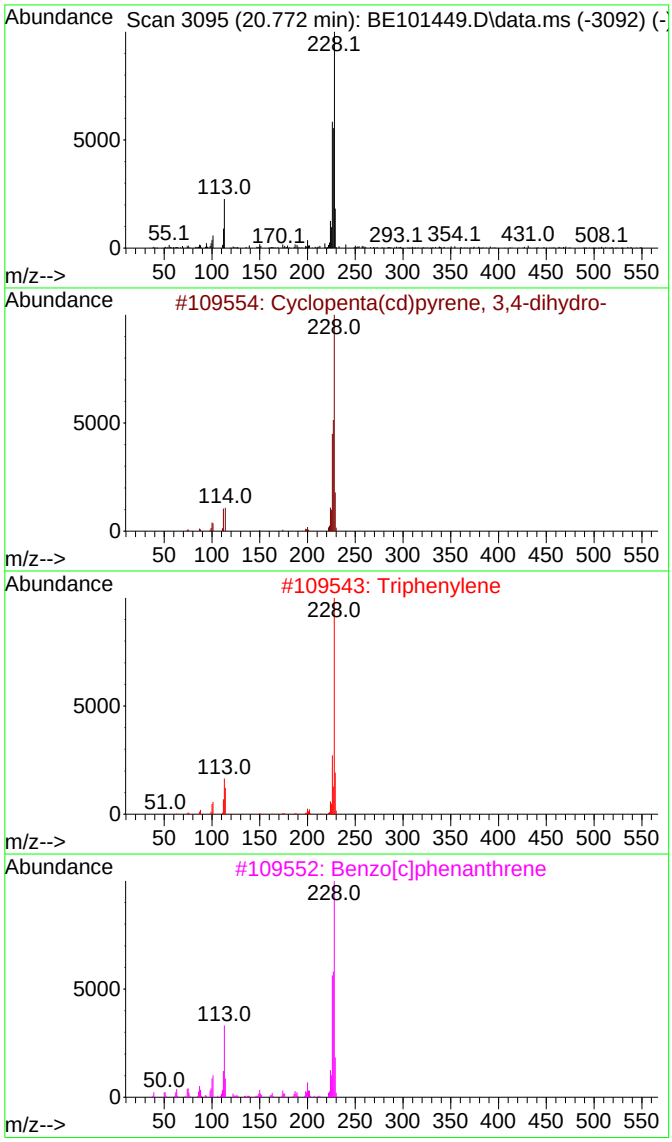
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

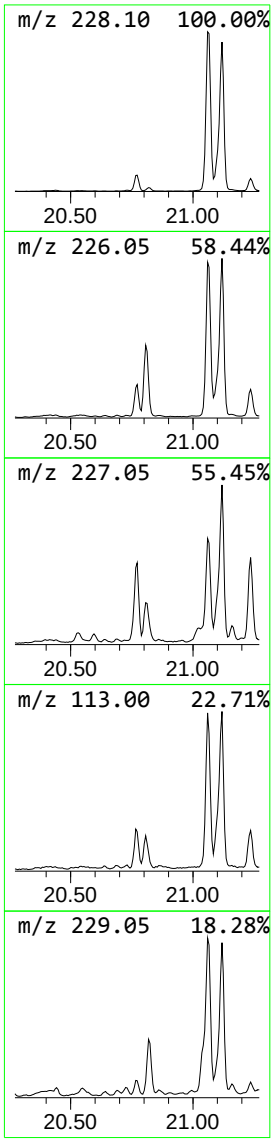
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.772	2.94 ng	225840	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Triphenylene	228	C18H12	000217-59-4	55
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
4	Chrysene	228	C18H12	000218-01-9	49
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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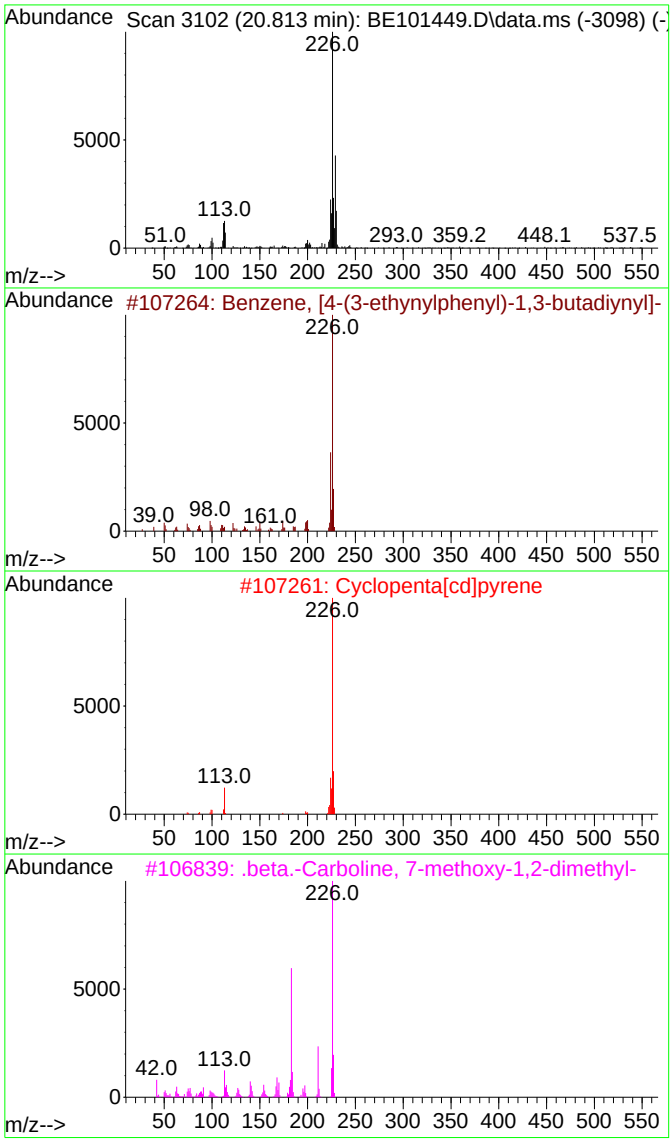
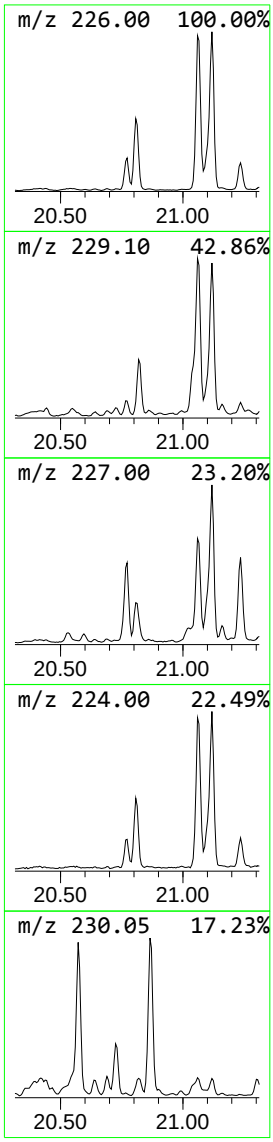
Peak Number 17 unknown20.813 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.813	4.26 ng	327725	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	46
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
5	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	43





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Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.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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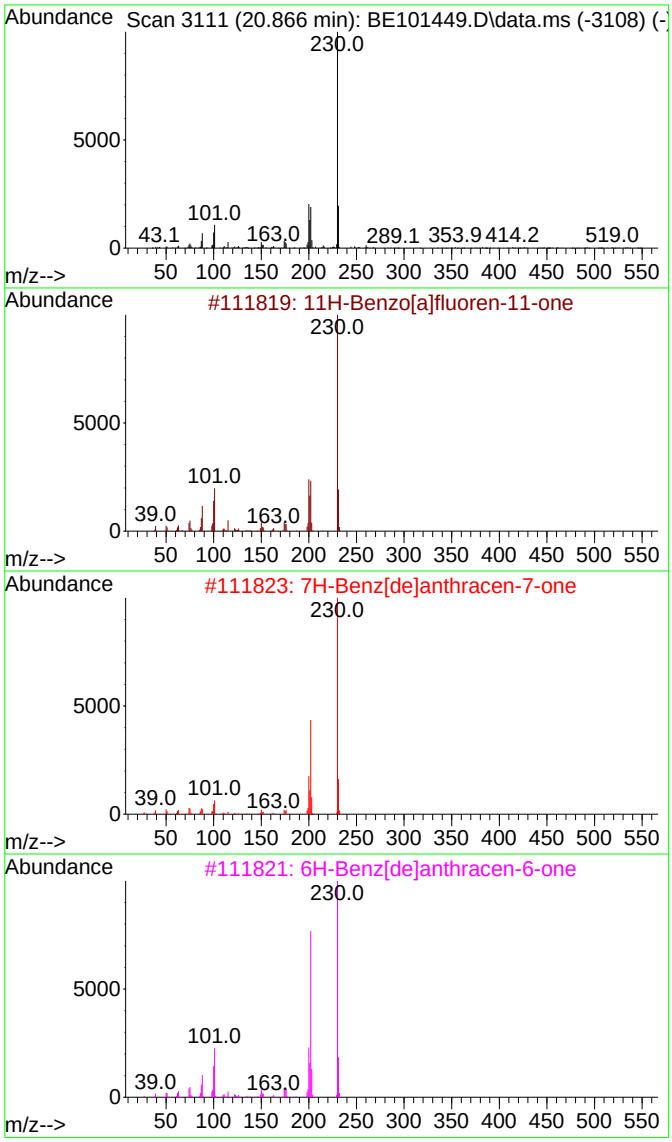
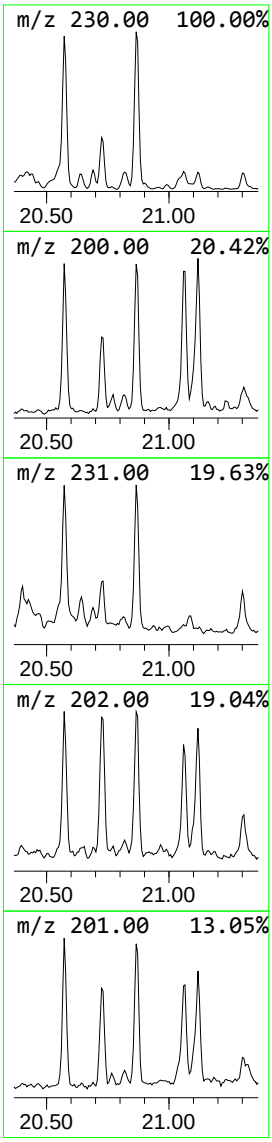
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.866	4.72 ng	362946	Chrysene-d12	21.083

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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74
4	o-Terphenyl	230	C18H14	000084-15-1	72
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.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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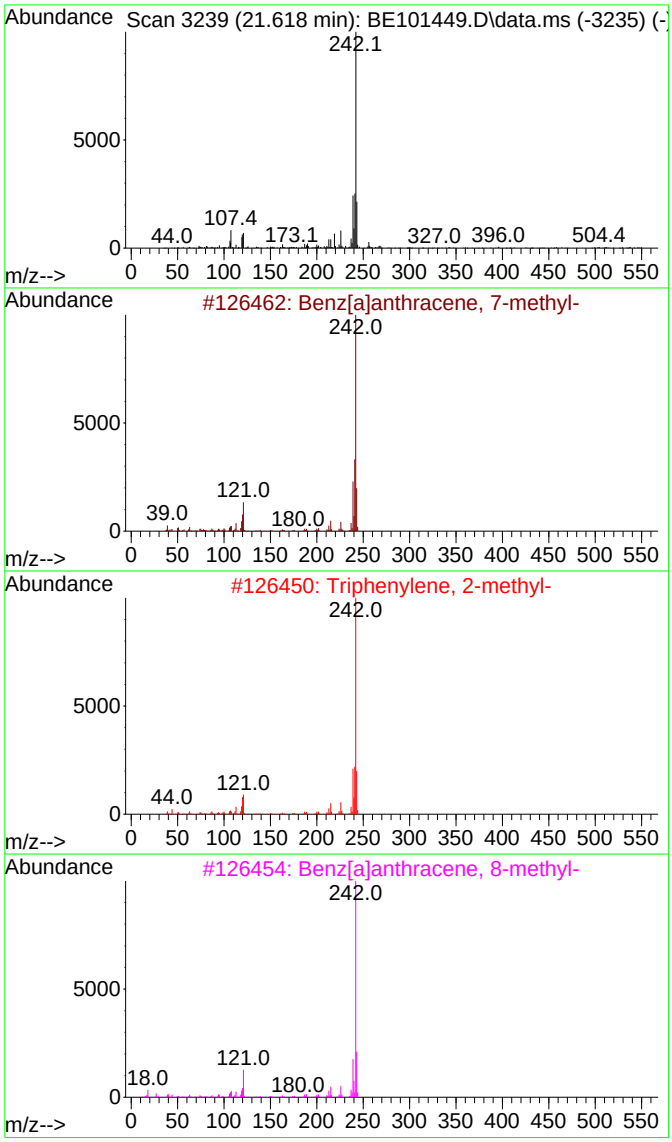
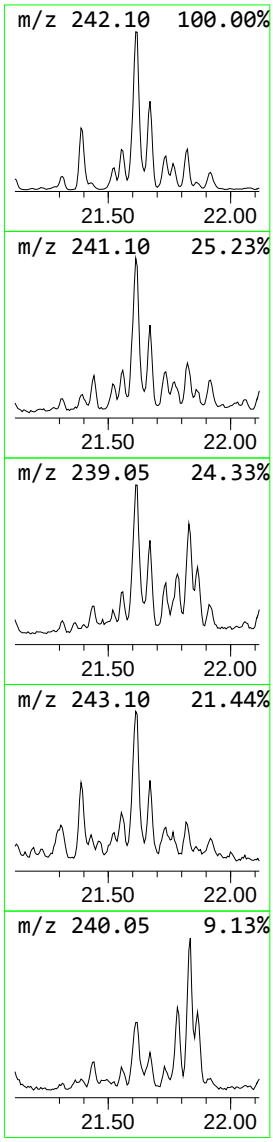
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.618	4.73 ng	363239	Chrysene-d12	21.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.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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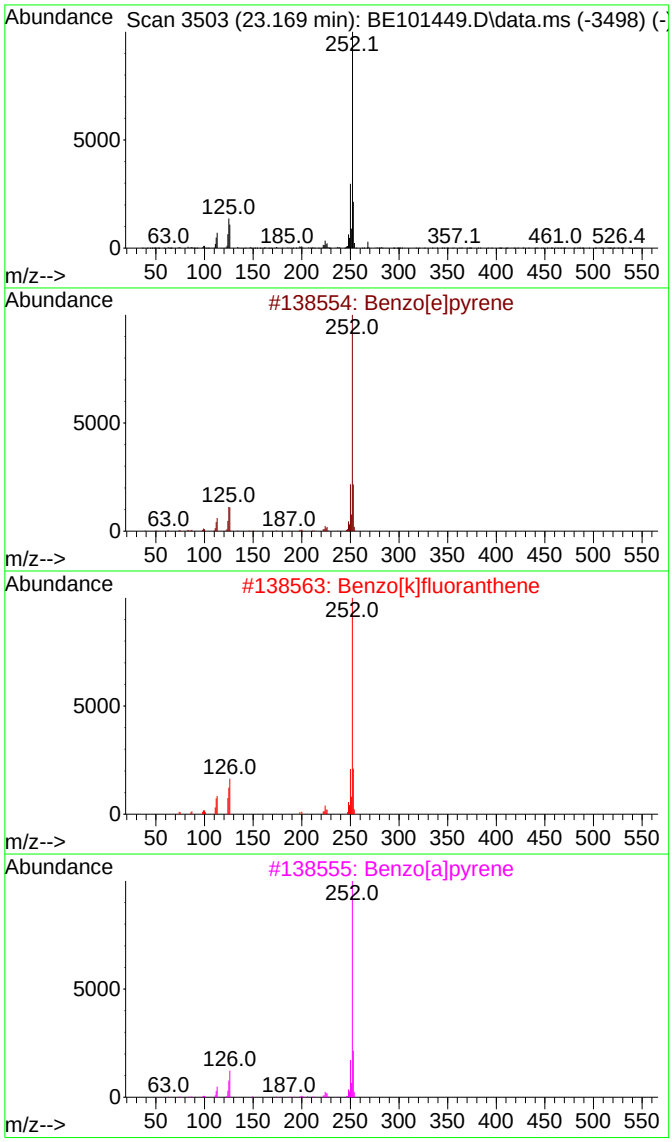
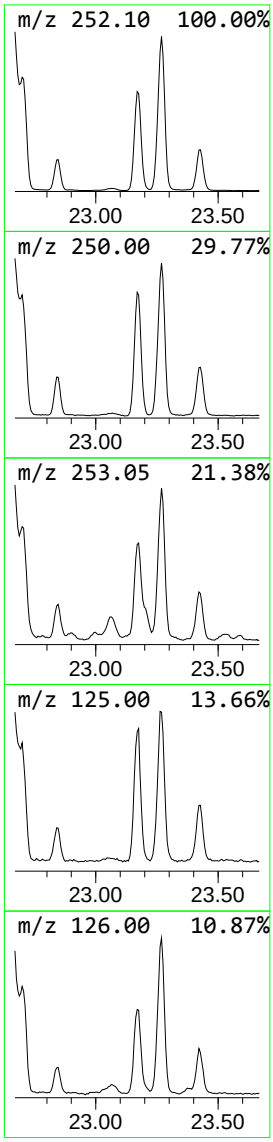
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.169	13.06 ng	1108330	Perylene-d12	23.380

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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101449.D
Acq On : 1 Nov 2024 15:09
Operator : RC/JU
Sample : P4645-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
Z-02-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.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...	2.875	8.5	ng	152020	1	7.575	356876	20.0
Phenanthrene, 2...	17.769	5.4	ng	283526	4	16.917	1053130	20.0
Anthracene, 2-m...	17.816	6.3	ng	329804	4	16.917	1053130	20.0
4H-Cyclopenta[d...	17.975	9.3	ng	486811	4	16.917	1053130	20.0
Anthracene, 9-m...	18.004	3.6	ng	187953	4	16.917	1053130	20.0
Naphthalene, 2-...	18.269	4.1	ng	214267	4	16.917	1053130	20.0
Phenanthrene, 2...	18.680	4.7	ng	249748	4	16.917	1053130	20.0
Cyclopenta(def)...	18.862	2.9	ng	153085	4	16.917	1053130	20.0
Pyrene, 1-methyl-	19.650	4.2	ng	323611	5	21.083	1537000	20.0
11H-Benzo[b]flu...	19.814	3.1	ng	237945	5	21.083	1537000	20.0
Pyrene, 4-methyl-	19.973	3.9	ng	297729	5	21.083	1537000	20.0
Pyrene, 2-methyl-	20.119	2.6	ng	200908	5	21.083	1537000	20.0
11H-Benzo[a]flu...	20.161	3.1	ng	237627	5	21.083	1537000	20.0
11H-Benzo[a]flu...	20.572	3.3	ng	253168	5	21.083	1537000	20.0
Benzo[b]naphtho...	20.731	4.1	ng	312780	5	21.083	1537000	20.0
Cyclopenta(cd)p...	20.772	2.9	ng	225840	5	21.083	1537000	20.0
unknown20.813	20.813	4.3	ng	327725	5	21.083	1537000	20.0
7H-Benz[de]anth...	20.866	4.7	ng	362946	5	21.083	1537000	20.0
Benz[a]anthrace...	21.618	4.7	ng	363239	5	21.083	1537000	20.0
Benzo[e]pyrene	23.169	13.1	ng	1108330	6	23.380	1697760	20.0