LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-4A-3-COMP

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_M\Methods\8270-BM043021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029736.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.193	386	392	408	rBV	569809	817851	30.35%	2.570%
2	6.775	654	661	677	rBV	509810	840881	31.20%	2.642%
3	7.587	792	799	809	rBV	258446	413571	15.34%	1.299%
4	8.745	989	996	1007	rBV	340798	563735	20.92%	1.771%
5	10.369	1264	1272	1285	rBV	312324	533454	19.79%	1.676%
6	12.851	1688	1694	1705	rBV	1084562	1689210	62.68%	5.307%
7	13.139	1737	1743	1752	rVB	42919	69661	2.58%	0.219%
8	13.698	1833	1838	1848	rVB	49634	76276	2.83%	0.240%
9	13.957	1877	1882	1890	rBV	30862	50398	1.87%	0.158%
10	14.239	1923	1930	1936	rBV	549271	818017	30.35%	2.570%
11	14.298	1936	1940	1949	rVB	39248	62791	2.33%	0.197%
12	14.639	1992	1998	2004	rBV	19912	33426	1.24%	0.105%
13	15.286	2103	2108	2119	rVB	44739	78223	2.90%	0.246%
14	15.586	2154	2159	2169	rVB	18079	33125	1.23%	0.104%
15	15.733	2177	2184	2193	rBV	901902	1292609	47.96%	4.061%
16	16.292	2271	2279	2284	rBV3	22040	43190	1.60%	0.136%
17	16.527	2310	2319	2322	rBV5	14516	33037	1.23%	0.104%
18	16.645	2335	2339	2346	rVB3	16710	27384	1.02%	0.086%
19	16.721	2347	2352	2354	rBV3	17947	30300	1.12%	0.095%
20	16.804	2362	2366	2371	rVB	30102	41633	1.54%	0.131%
21	16.986	2390	2397	2400	rBV	641181	940583	34.90%	2.955%
22	17.027	2400	2404	2412	rVV	608144	872354	32.37%	2.741%
23	17.115	2414	2419	2424	rVV	176230	252154	9.36%	0.792%
24	17.174	2426	2429	2435	rVB2	17762	31435	1.17%	0.099%
25	17.392	2458	2466	2470	rBV	30752	56996	2.11%	0.179%
26	17.504	2481	2485	2491	rVB3	23423	32957	1.22%	0.104%
27	17.562	2491	2495	2505	rVB3	20445	37393	1.39%	0.117%
28	17.857	2540	2545	2548	rBV	135077	187597	6.96%	0.589%
29	17.904	2548	2553	2560	rVV	207542	376065	13.95%	1.182%
30	17.986	2560	2567	2572	rVV	74472	115090	4.27%	0.362%
31	18.051	2572	2578	2582	rVV2	219396	387792	14.39%	1.218%
32	18.086	2582	2584	2591	rVB	84451	112400	4.17%	0.353%
33	18.362	2626	2631	2635	rBV	97702	133509	4.95%	0.419%
34	18.404	2635	2638	2645	rVB2	49076	70655	2.62%	0.222%
35	18.609	2669	2673	2677	rBV	34474	46382	1.72%	0.146%
36	18.662	2678	2682	2685	rVV	48220	65223	2.42%	0.205%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-4A-3-COMP

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_M\Methods\8270-BM043021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.698	2685	2688	2692	rVB	40315	48986	1.82%	0.154%
38	18.780	2697	2702	2707	rBV2	90779	158559	5.88%	0.498%
39	18.845	2707	2713	2716	rVV3	55115	116660	4.33%	0.367%
40	18.874	2716	2718	2721	rVB	37277	36687	1.36%	0.115%
41	18.921	2721	2726	2734	rBV3	55010	108808	4.04%	0.342%
42	19.045	2741	2747	2753	rBV	1830139	2378891	88.27%	7.474%
43	19.115	2755	2759	2761	rBV	24038	29100	1.08%	0.091%
44	19.145	2761	2764	2767	rBV3	30538	37022	1.37%	0.116%
45	19.180	2767	2770	2776	rVB3	29531	57054	2.12%	0.179%
46	19.245	2777	2781	2784	rBV5	21003	34402	1.28%	0.108%
47	19.286	2785	2788	2792	rVV	41071	52453	1.95%	0.165%
48	19.380	2799	2804	2805	rBV	371043	443940	16.47%	1.395%
49	19.409	2805	2809	2818	rVV	1424047	2070820	76.83%	6.506%
50	19.480	2818	2821	2828	rVB2	88463	151277	5.61%	0.475%
51	19.615	2835	2844	2849	rBV	2030740	2655332	98.52%	8.343%
52	19.739	2859	2865	2871	rBV3	108732	277295	10.29%	0.871%
53	19.868	2883	2887	2889	rBV3	85482	128668	4.77%	0.404%
54	19.909	2890	2894	2898	rVB2	325061	427086	15.85%	1.342%
55	20.009	2906	2911	2915	rBV	281466	373406	13.85%	1.173%
56	20.062	2915	2920	2924	rVV2	177850	285728	10.60%	0.898%
57	20.104	2924	2927	2931	rVB	99465	125555	4.66%	0.394%
58	20.204	2940	2944	2948	rBV	82876	112841	4.19%	0.355%
59	20.251	2948	2952	2956	rVV2	86883	132156	4.90%	0.415%
60	20.615	3011	3014	3017	rBV4	44033	66952	2.48%	0.210%
61	20.651	3017	3020	3026	rVB	96662	151329	5.61%	0.475%
62	20.815	3045	3048	3052	rBV	111829	148781	5.52%	0.467%
63	20.856	3052	3055	3058	rVV	133497	149440	5.54%	0.470%
64	20.892	3058	3061	3066	rVV2	237081	380919	14.13%	1.197%
65	20.951	3068	3071	3076	rVB	119091	173877	6.45%	0.546%
66	21.162	3101	3107	3111	rBV3	1376531	2695160	100.00%	8.468%
67	21.203	3111	3114	3124	rVB	947427	1258828	46.71%	3.955%
68	21.321	3130	3134	3139	rBV	211063	295203	10.95%	0.928%
69	22.197	3280	3283	3293	rVB4	181296	348992	12.95%	1.097%
70	22.697	3362	3368	3372	rBV	723320	1552741	57.61%	4.879%
71	23.156	3441	3446	3455	rVB	427467	778410	28.88%	2.446%
72	23.250	3456	3462	3468	rBV	689129	1269567	47.11%	3.989%
73	23.344	3473	3478	3483	rVV	628535	1046747	38.84%	3.289%

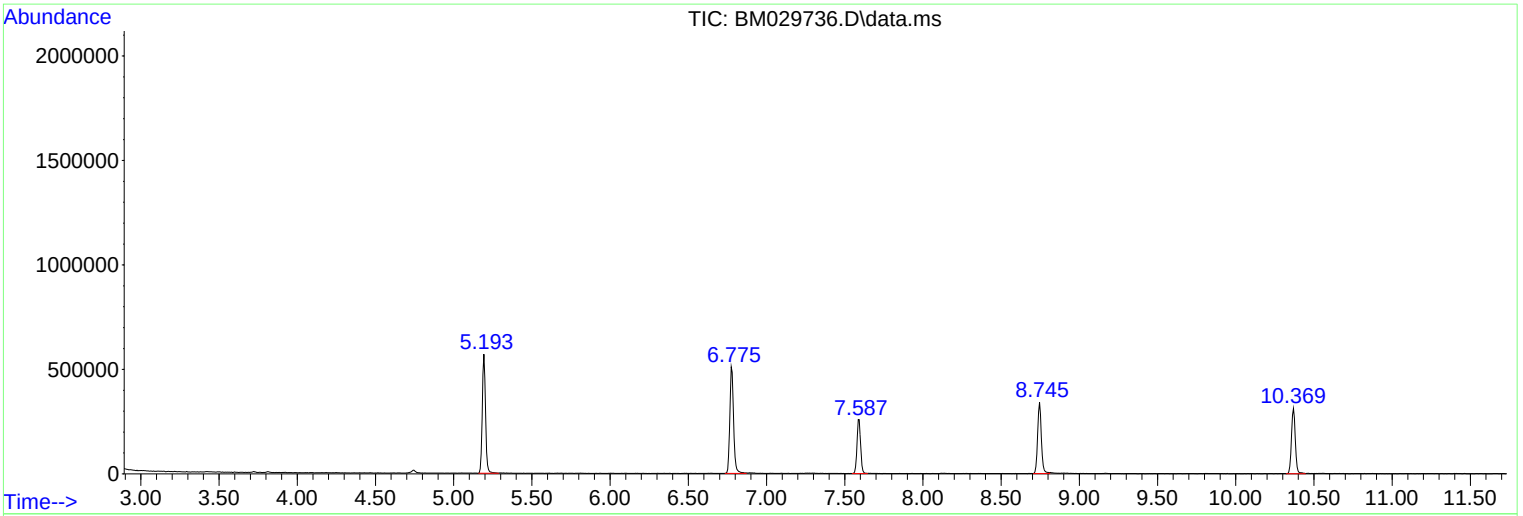
Sum of corrected areas: 31827029

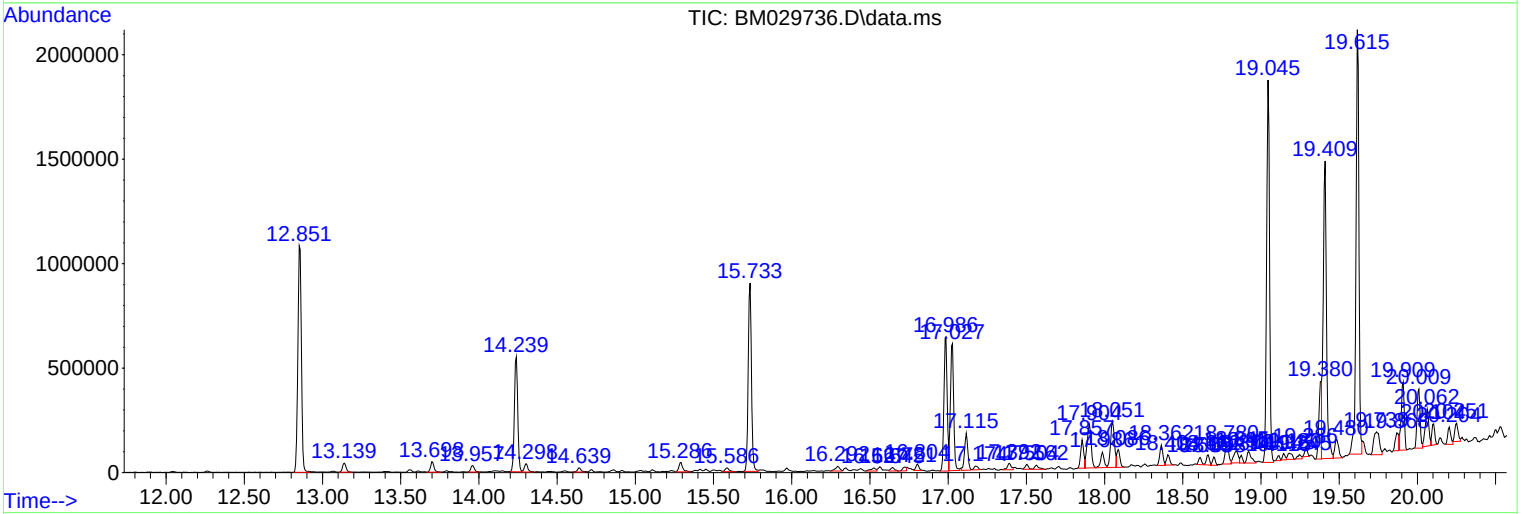
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

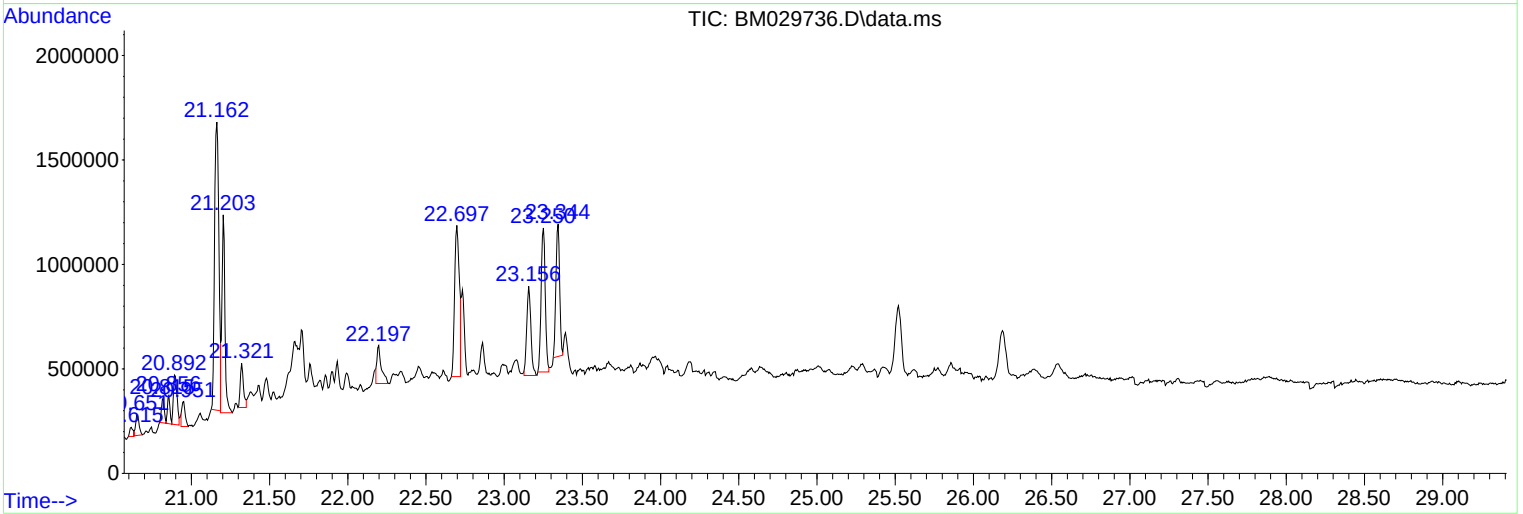
Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

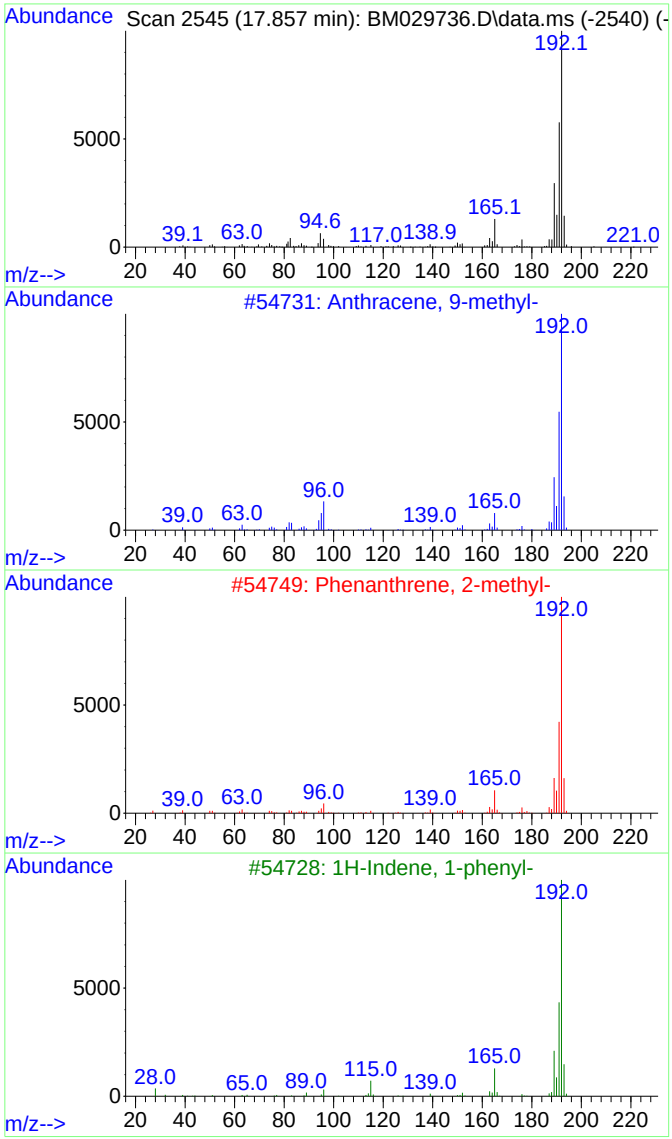
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

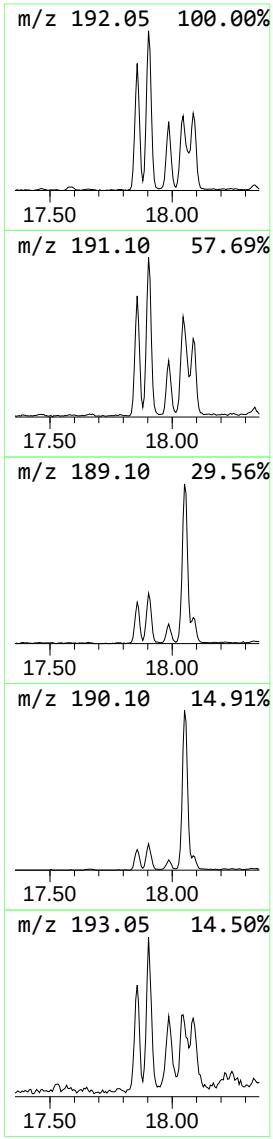
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	3.99 ng	187597	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

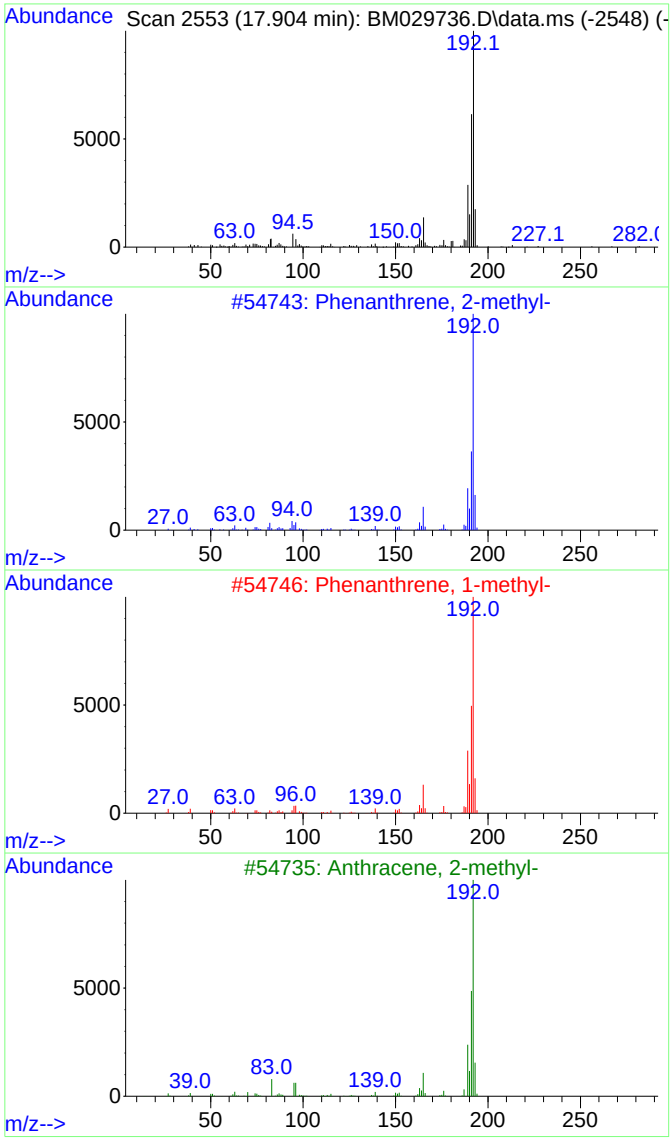
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

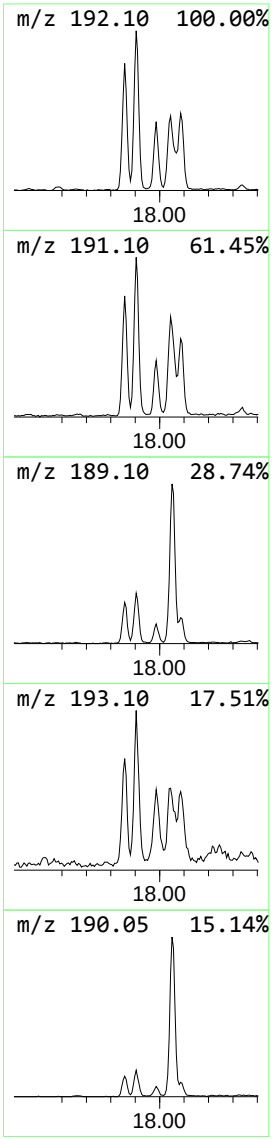
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	8.00 ng	376065	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

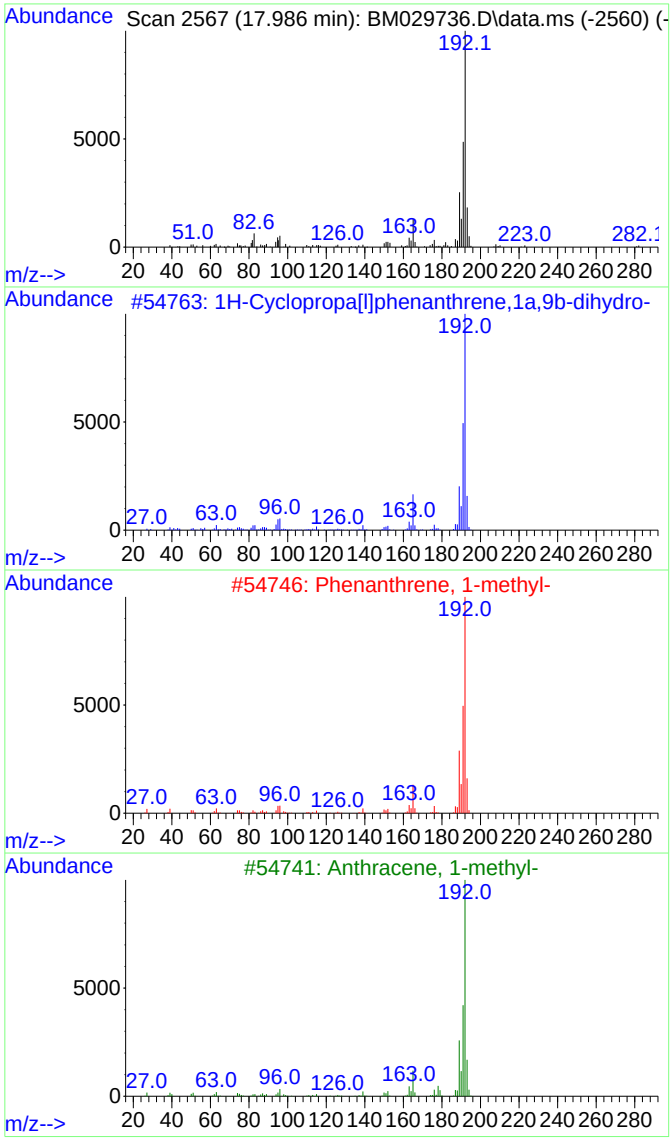
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

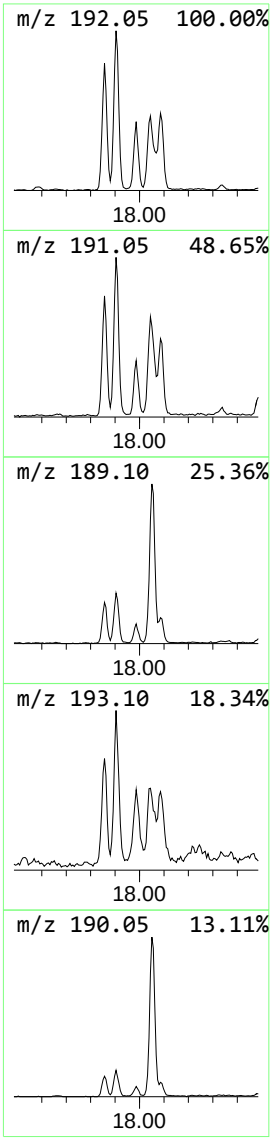
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	2.45 ng	115090	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-4A-3-COMP

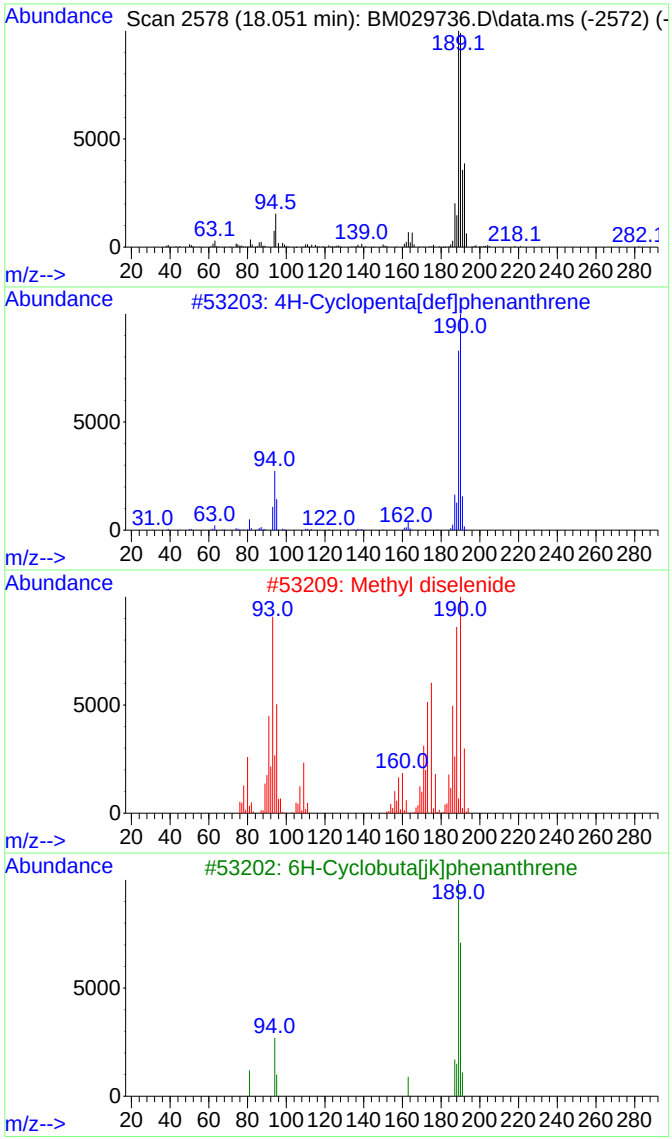
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

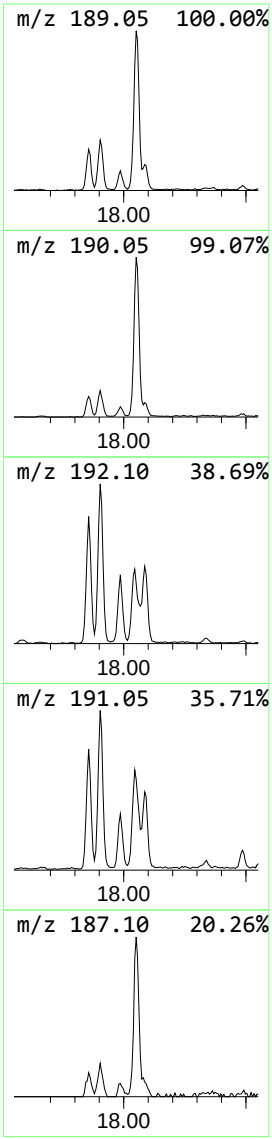
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	8.25 ng	387792	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

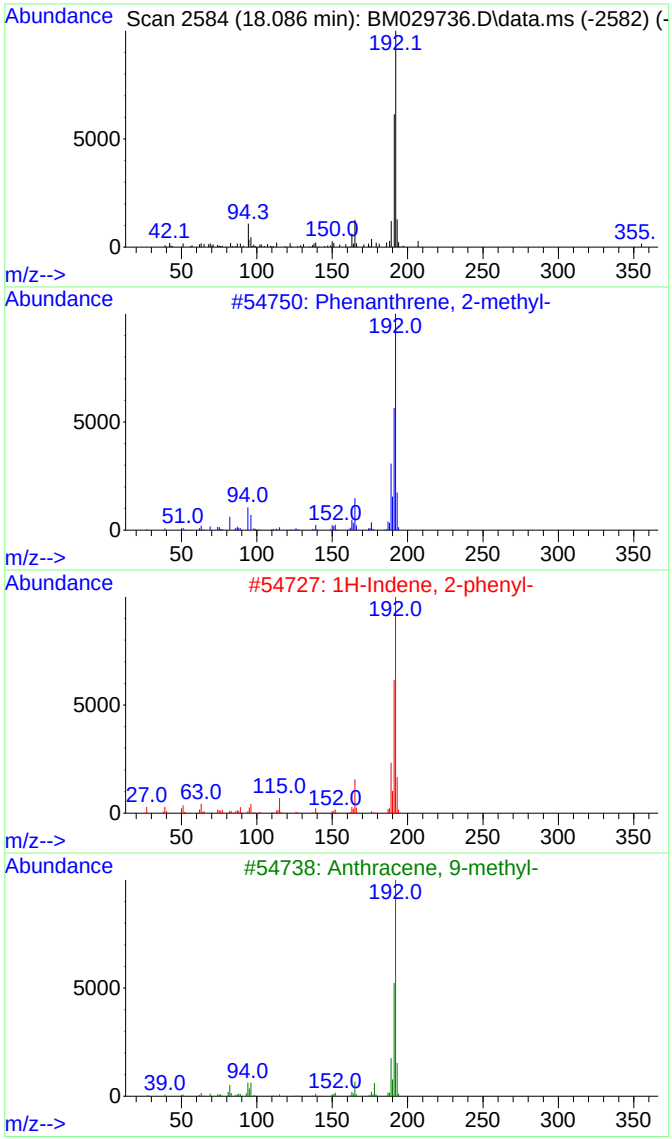
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

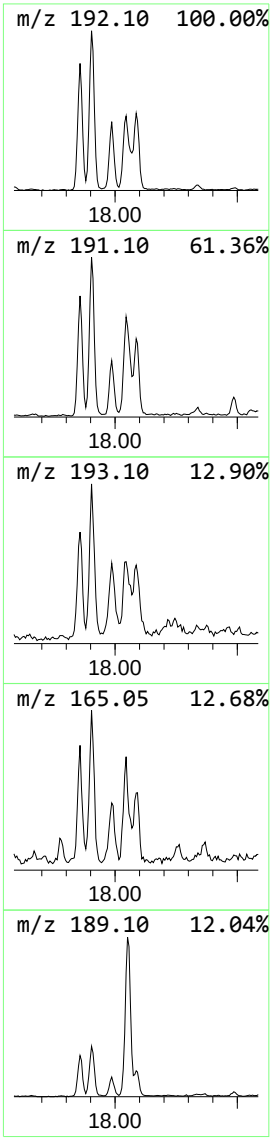
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	2.39 ng	112400	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

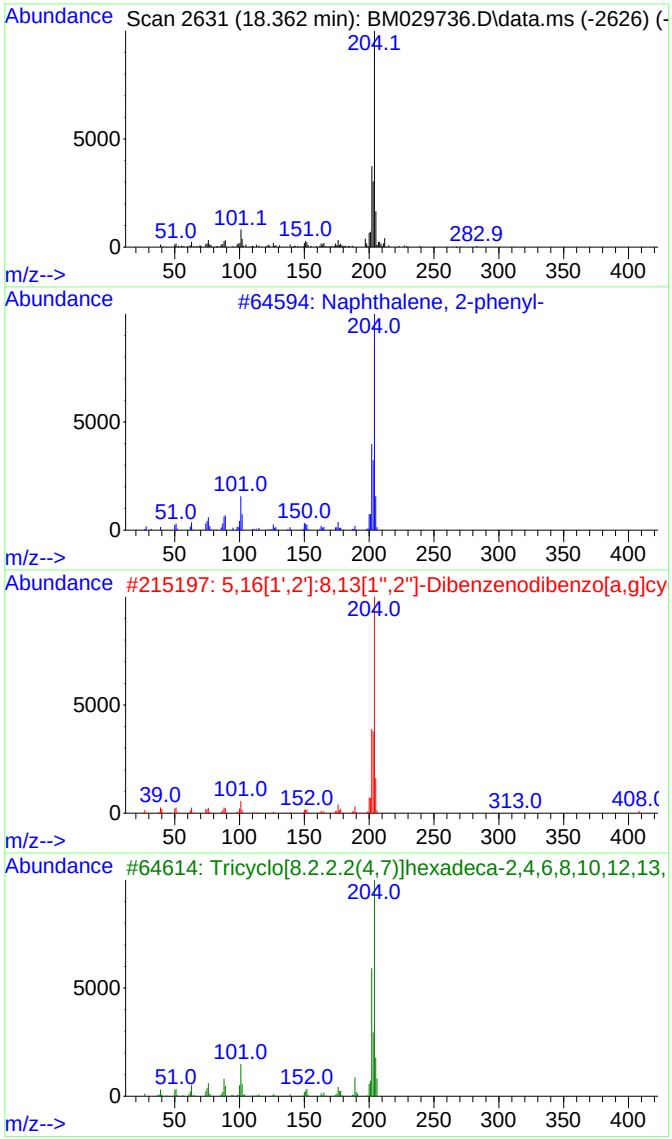
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

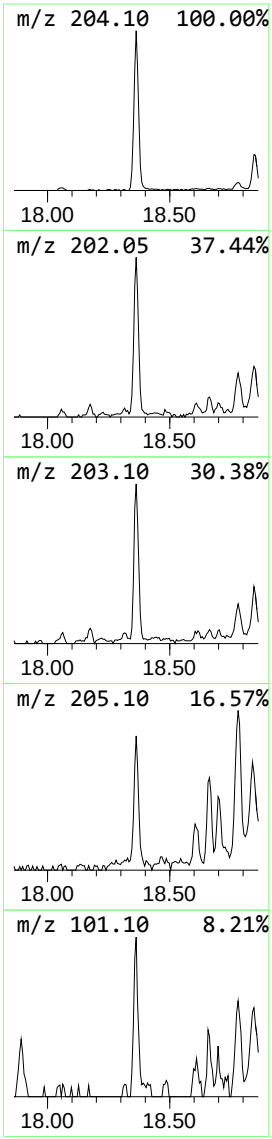
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	2.84 ng	133509	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Levamisole	204	C11H12N2S	014769-73-4	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

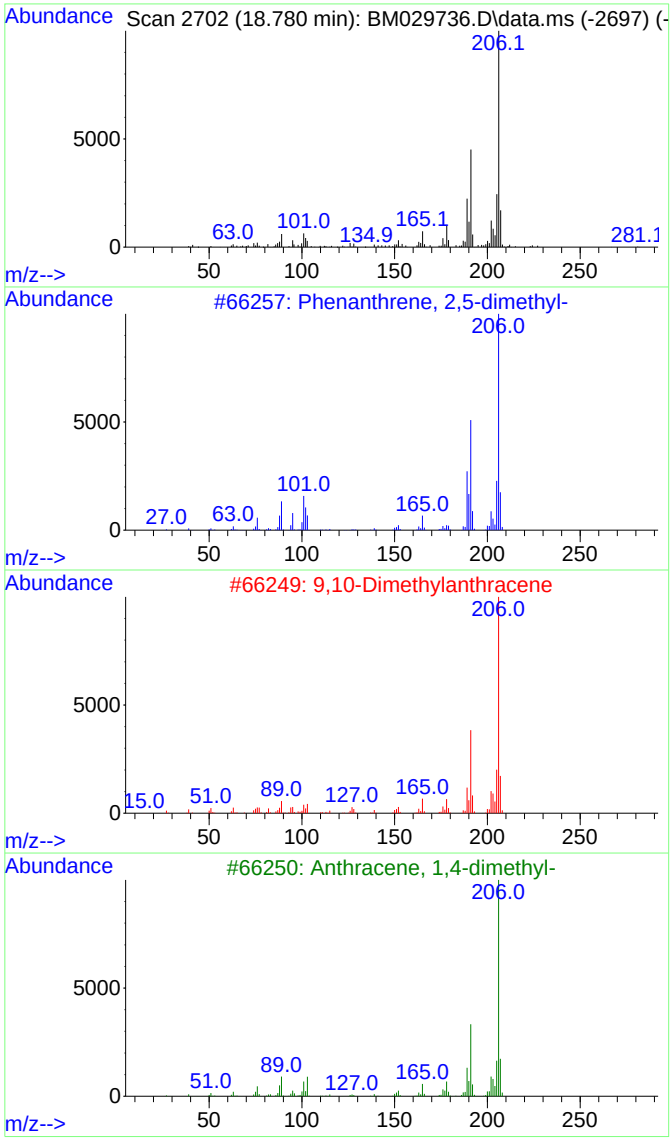
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

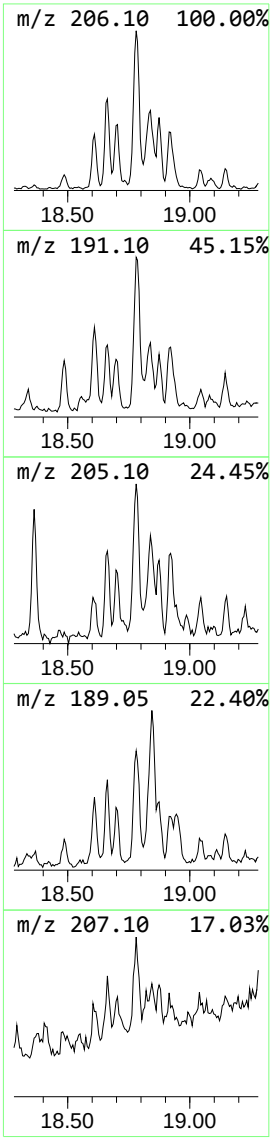
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.780	3.37 ng	158559	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

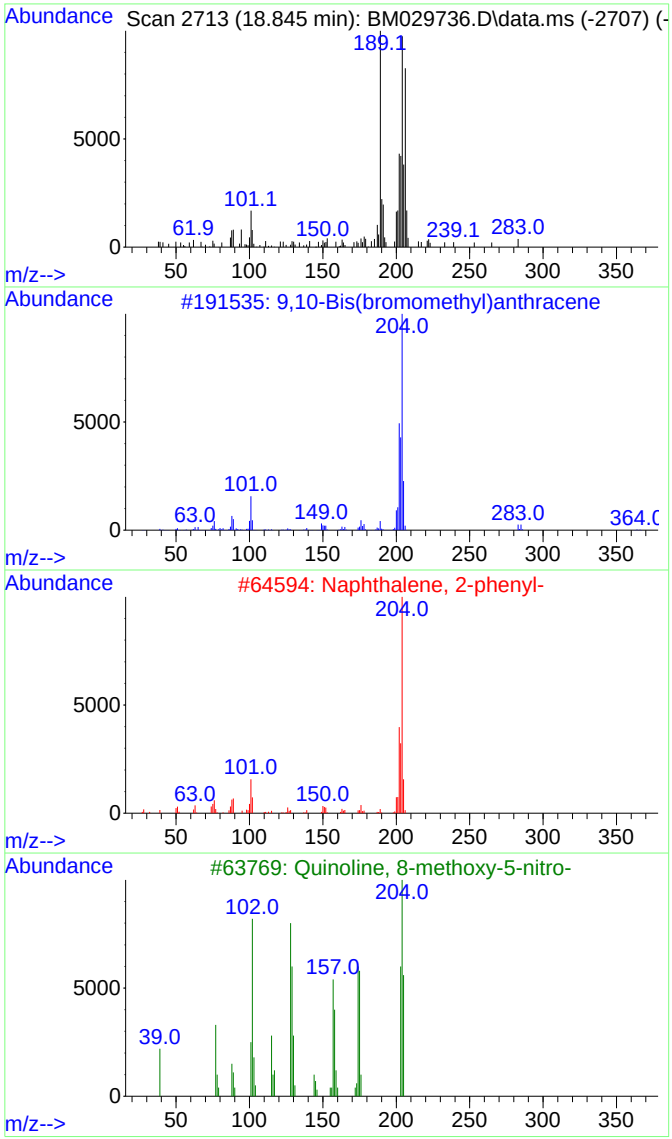
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

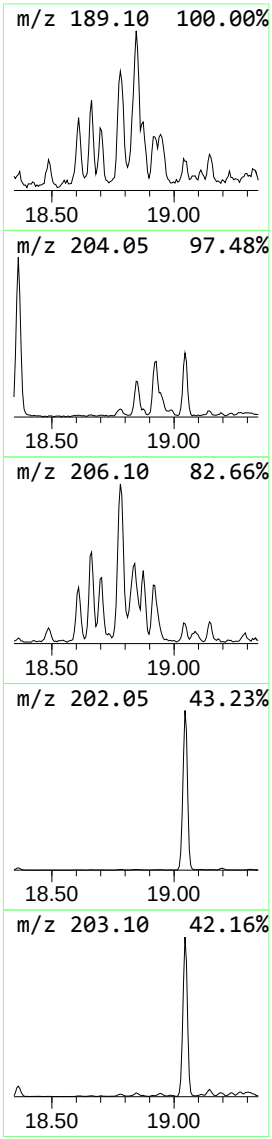
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 unknown18.845 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.845	2.48 ng	116660	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	30
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	27
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	25





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Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

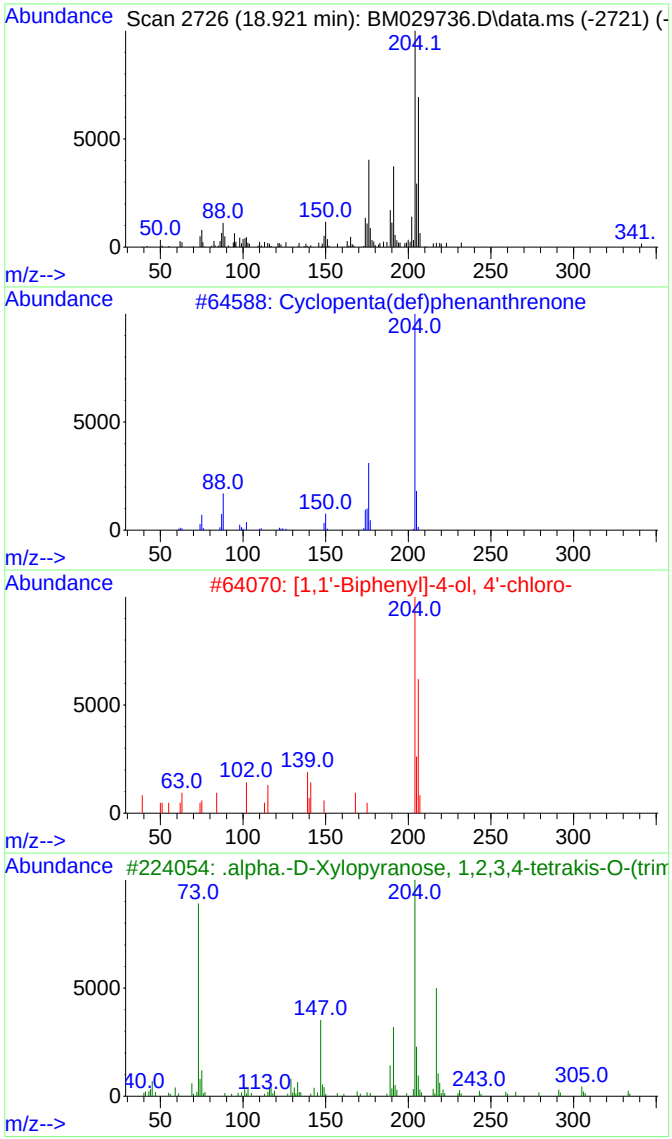
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

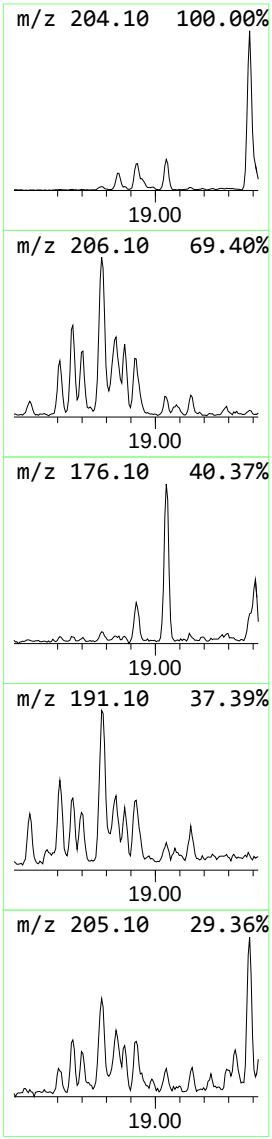
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.921	2.31 ng	108808	Phenanthrene-d10	16.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	.alpha.-D-Xylopyranose, 1,2,3,4-...	438	C17H42O5Si4	014251-20-8	47
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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Data File : BM029736.D
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Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

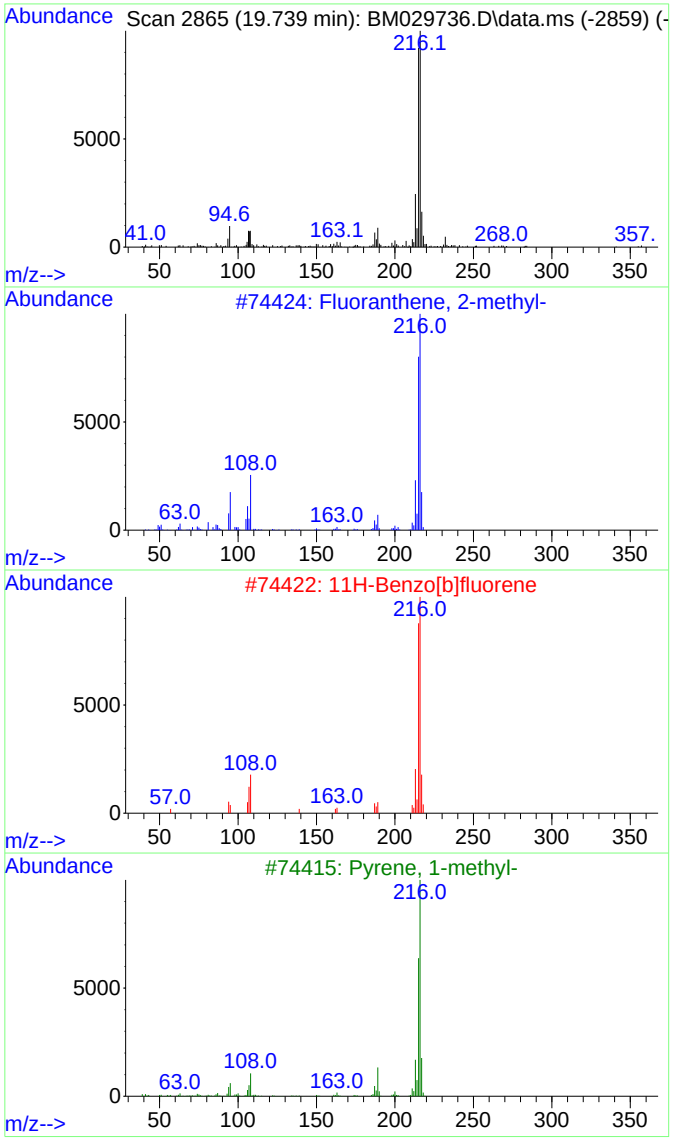
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

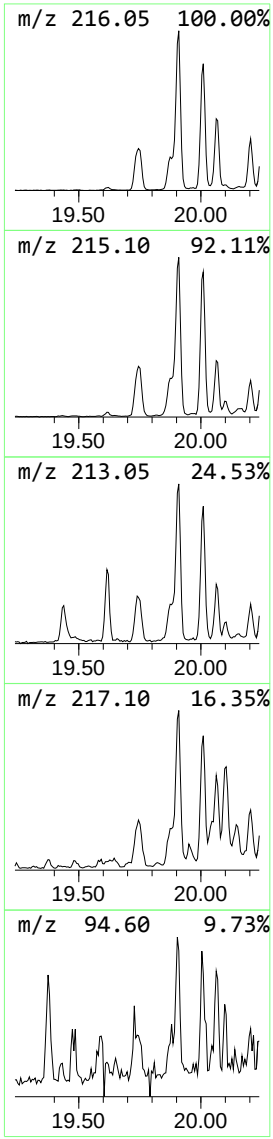
****

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.739	2.06 ng	277295	Chrysene-d12	21.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

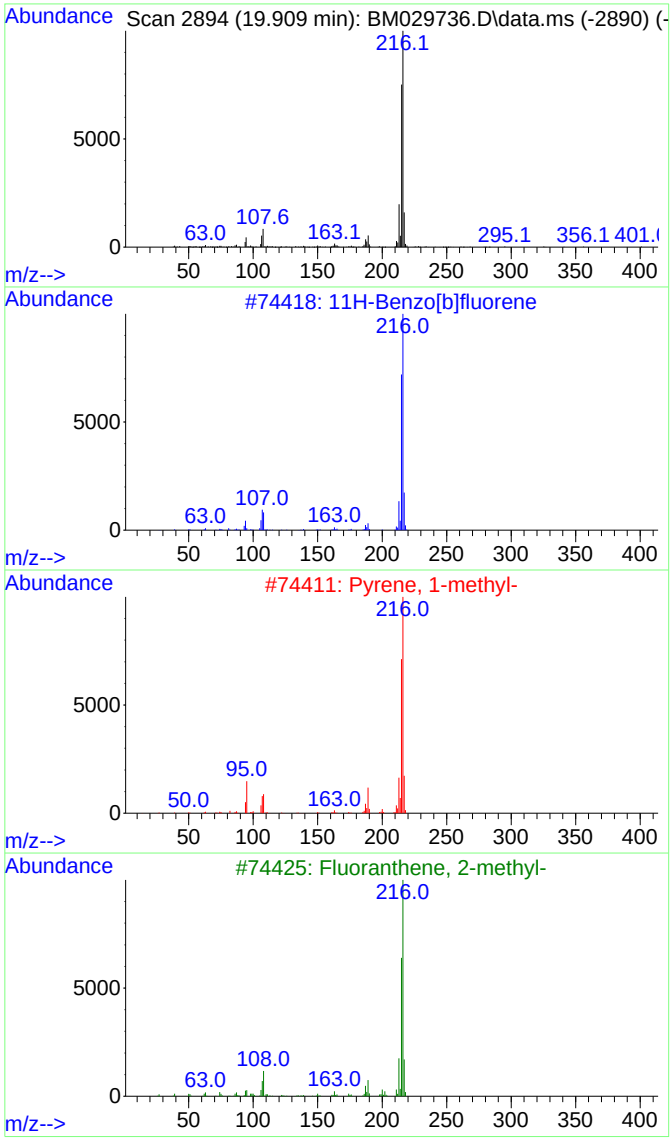
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

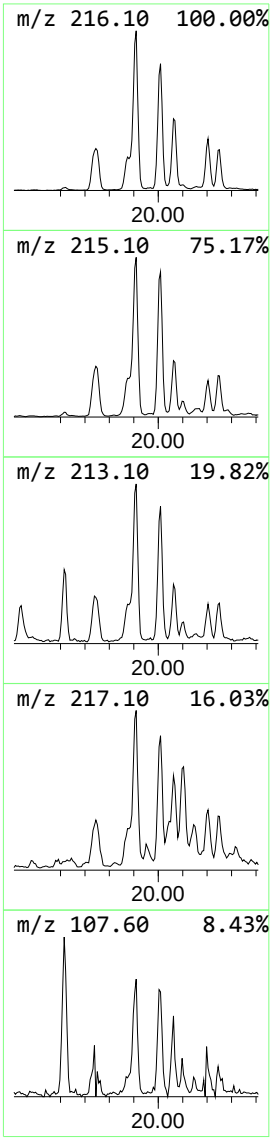
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.909	3.17 ng	427086	Chrysene-d12	21.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

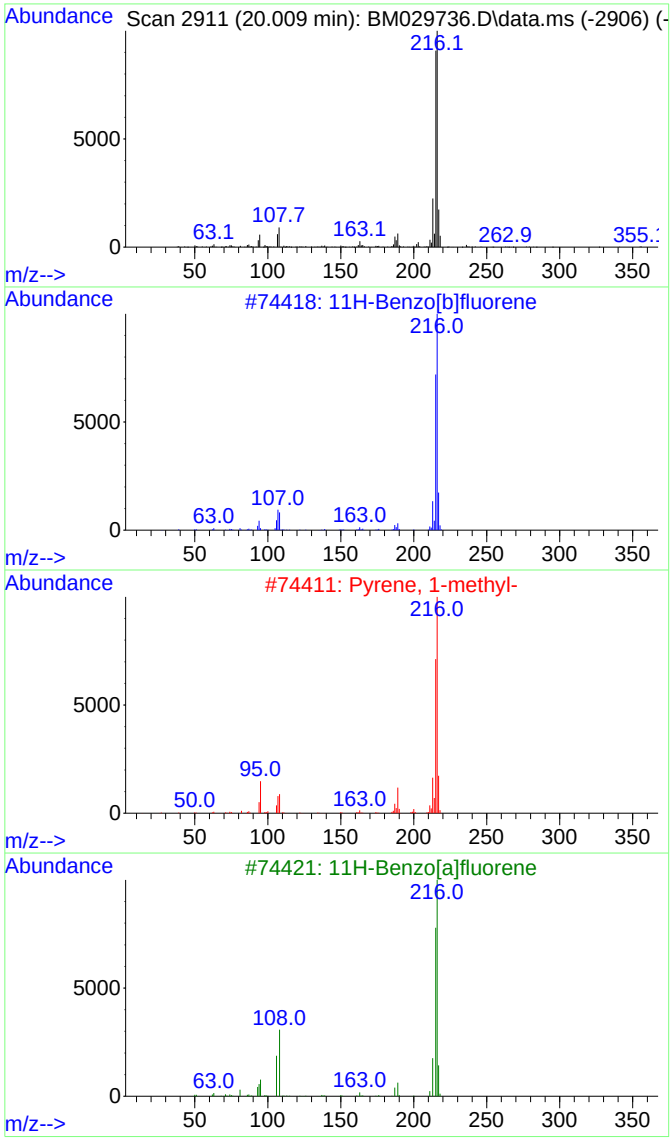
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

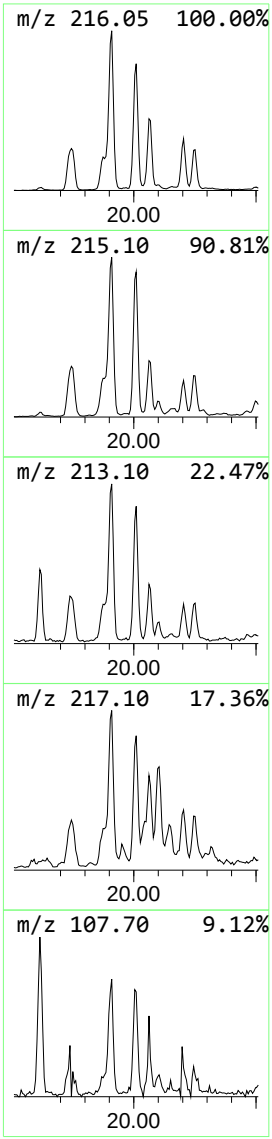
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.009	2.77 ng	373406	Chrysene-d12	21.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

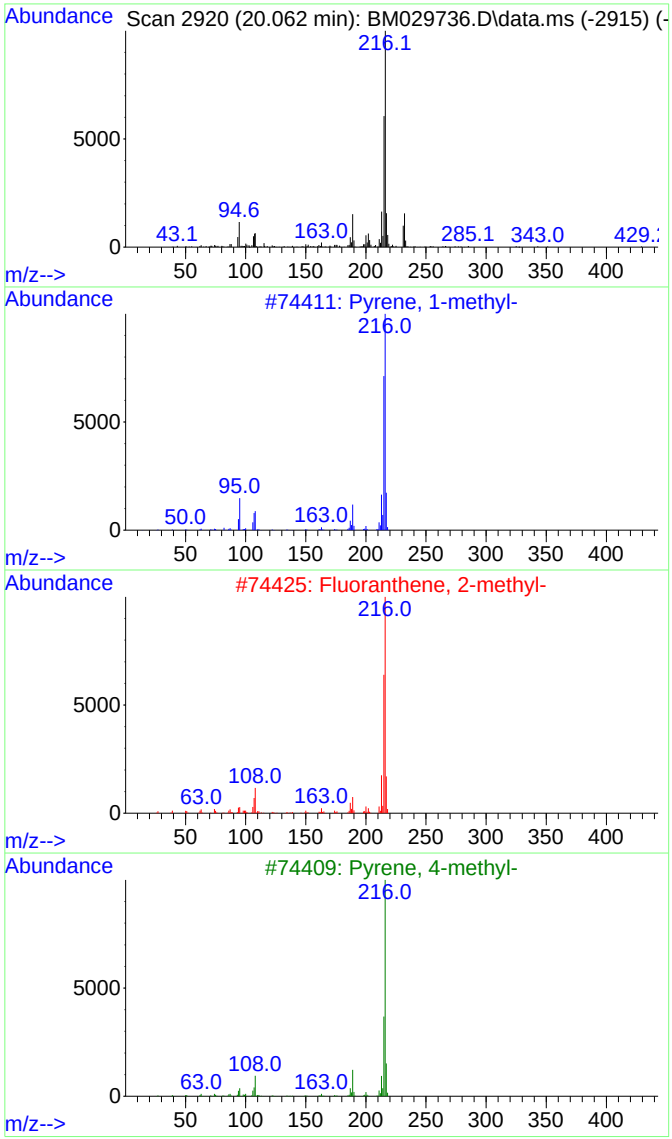
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

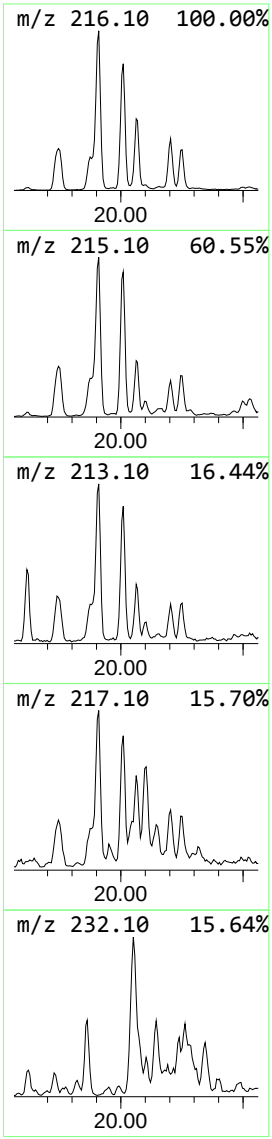
****

Peak Number 13 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.062	2.12 ng	285728	Chrysene-d12	21.168

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	89
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74





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Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

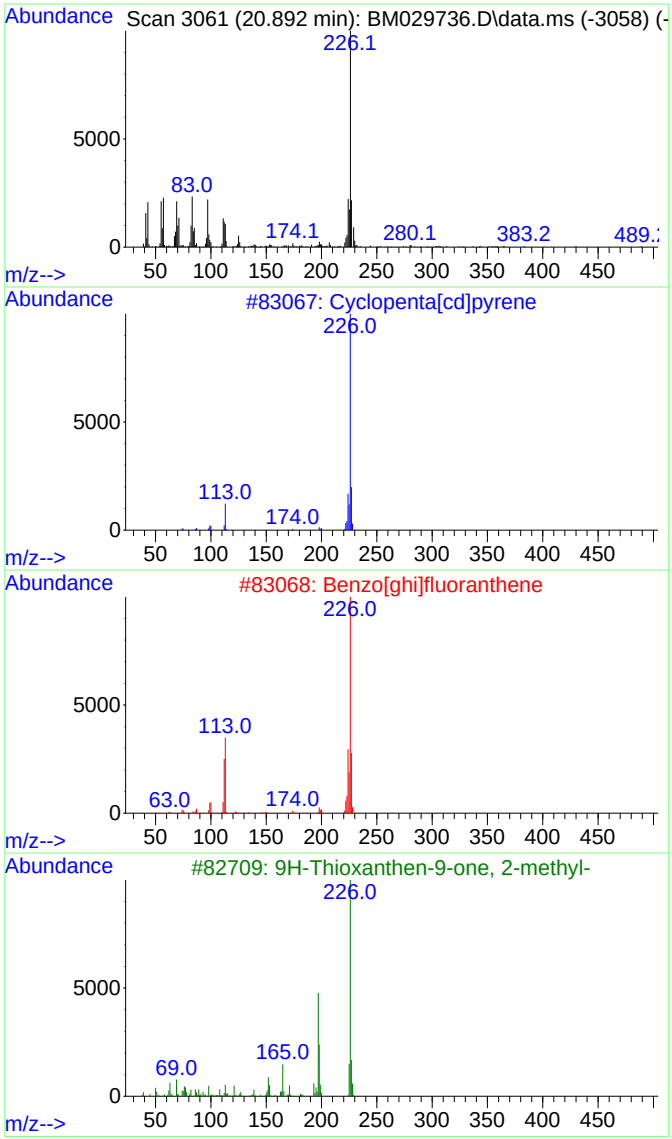
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

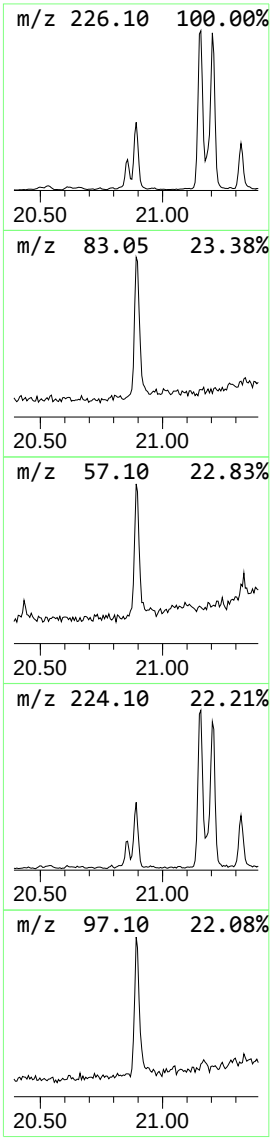
****

Peak Number 14 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.892	2.83 ng	380919	Chrysene-d12	21.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	38
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	38
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	37





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Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

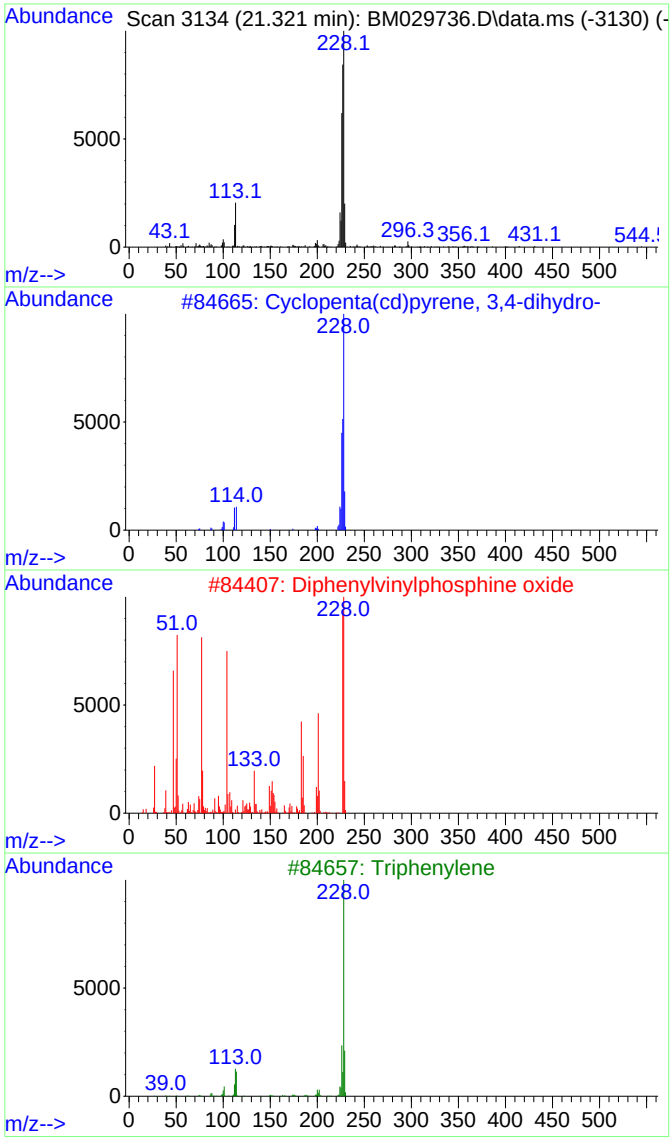
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

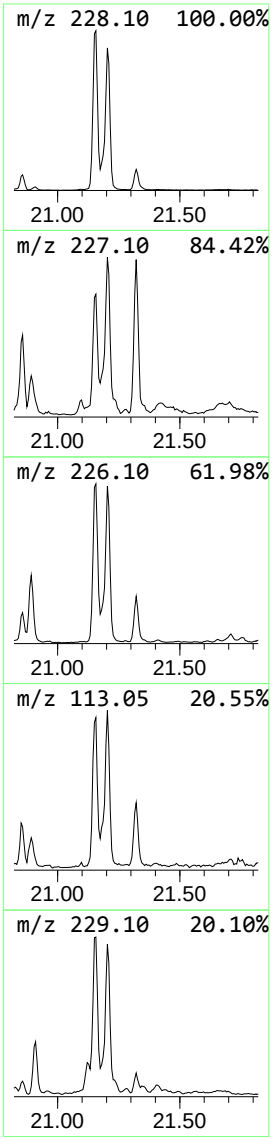
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	2.19 ng	295203	Chrysene-d12	21.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
3	Triphenylene	228	C18H12	000217-59-4	43
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43





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Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

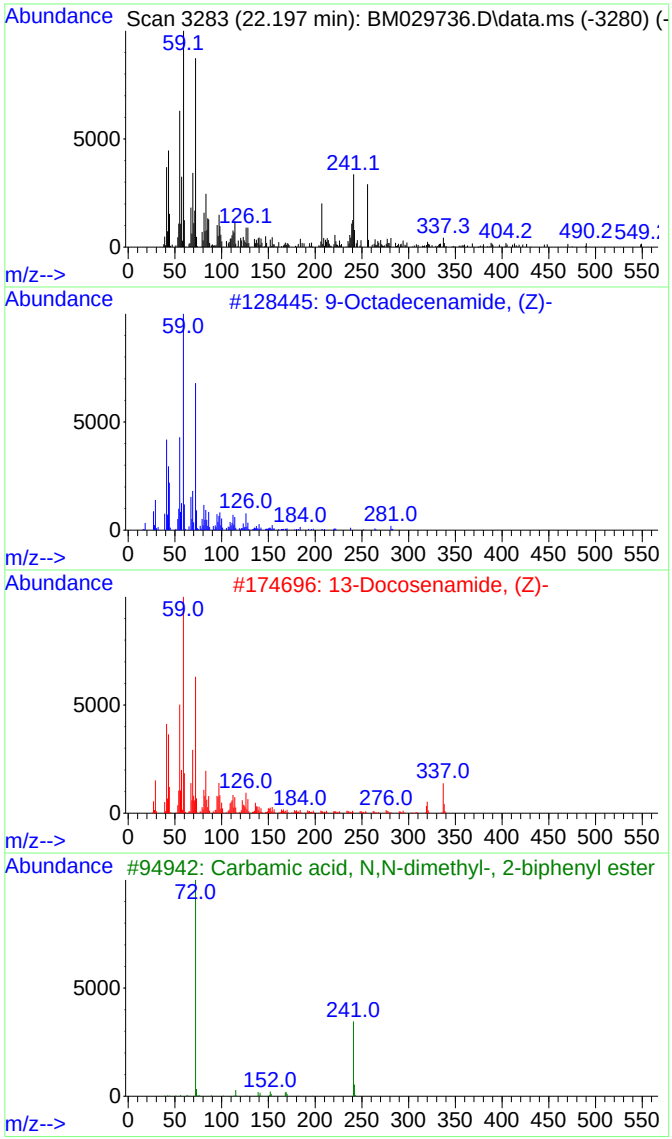
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

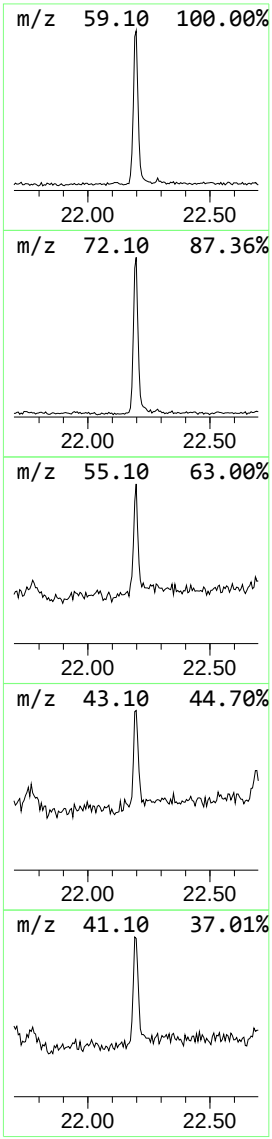
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.198	2.59 ng	348992	Chrysene-d12	21.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	62
3	Carbamic acid, N,N-dimethyl-, 2-...	241	C15H15NO2	1000331-48-7	30
4	2-Butene, 1-propoxy-, (E)-	114	C7H14O	056052-71-2	25
5	3-Hexadecanol	242	C16H34O	000593-03-3	22





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Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4A-3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

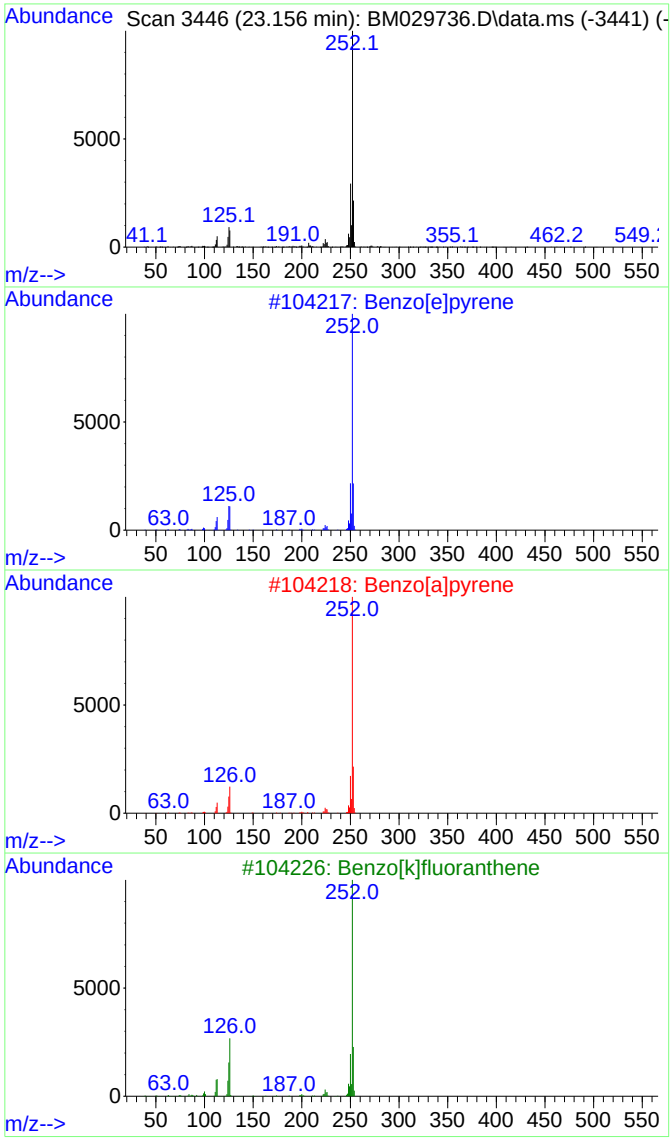
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

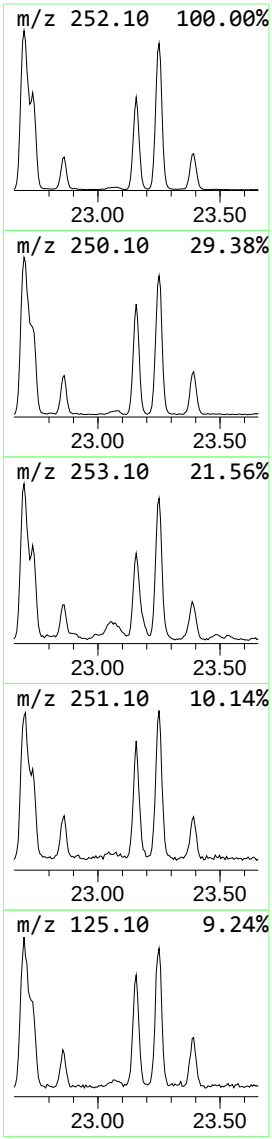
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.156	14.87 ng	778410	Perylene-d12	23.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029736.D
Acq On : 30 Apr 2021 19:13
Operator : CG/JU
Sample : M2207-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-4A-3-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 9-m...	17.857	4.0	ng	187597	4	16.986	940583	20.0
Phenanthrene, 2...	17.904	8.0	ng	376065	4	16.986	940583	20.0
1H-Cyclopropa[l...	17.986	2.5	ng	115090	4	16.986	940583	20.0
4H-Cyclopenta[d...	18.051	8.3	ng	387792	4	16.986	940583	20.0
1H-Indene, 2-ph...	18.086	2.4	ng	112400	4	16.986	940583	20.0
Naphthalene, 2-...	18.362	2.8	ng	133509	4	16.986	940583	20.0
Phenanthrene, 2...	18.780	3.4	ng	158559	4	16.986	940583	20.0
unknown18.845	18.845	2.5	ng	116660	4	16.986	940583	20.0
Cyclopenta(def)...	18.921	2.3	ng	108808	4	16.986	940583	20.0
Fluoranthene, 2...	19.739	2.1	ng	277295	5	21.168	2695160	20.0
11H-Benzo[b]flu...	19.909	3.2	ng	427086	5	21.168	2695160	20.0
Pyrene, 1-methyl-	20.009	2.8	ng	373406	5	21.168	2695160	20.0
Pyrene, 4-methyl-	20.062	2.1	ng	285728	5	21.168	2695160	20.0
Cyclopenta[cd]p...	20.892	2.8	ng	380919	5	21.168	2695160	20.0
Cyclopenta(cd)p...	21.321	2.2	ng	295203	5	21.168	2695160	20.0
9-Octadecenamid...	22.198	2.6	ng	348992	5	21.168	2695160	20.0
Benzo[e]pyrene	23.156	14.9	ng	778410	6	23.345	1046750	20.0