LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041275.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	387	rBV	2030313	2947328	45.66%	5.856%
2	6.981	637	645	661	rBV	2084617	3271100	50.68%	6.499%
3	7.792	777	783	793	rBV	602968	937570	14.53%	1.863%
4	8.975	976	984	996	rBV	1226591	2027569	31.41%	4.028%
5	10.604	1251	1261	1266	rBV	870056	1441597	22.33%	2.864%
6	10.651	1266	1269	1276	rVB	70439	108031	1.67%	0.215%
7	12.274	1540	1545	1552	rVB	46714	74742	1.16%	0.148%
8	13.080	1670	1682	1692	rBV	3404683	4733090	73.33%	9.403%
9	13.921	1818	1825	1836	rBV2	205907	334818	5.19%	0.665%
10	14.186	1863	1870	1880	rVB	221759	352108	5.46%	0.700%
11	14.463	1906	1917	1924	rBV	1370174	2050117	31.76%	4.073%
12	15.339	2062	2066	2072	rBV2	46345	65861	1.02%	0.131%
13	15.962	2163	2172	2185	rBV	3140761	4495845	69.65%	8.932%
14	16.186	2204	2210	2216	rBV7	34274	81475	1.26%	0.162%
15	16.521	2261	2267	2273	rBV5	38599	102413	1.59%	0.203%
16	16.962	2339	2342	2346	rVB2	67306	77618	1.20%	0.154%
17	17.039	2352	2355	2360	rVB	107228	144690	2.24%	0.287%
18	17.221	2380	2386	2390	rBV	1718829	2375067	36.80%	4.719%
19	17.262	2390	2393	2399	rVV	390496	528188	8.18%	1.049%
20	17.356	2403	2409	2413	rBV	239757	383307	5.94%	0.762%
21	17.745	2472	2475	2479	rVB	63529	72322	1.12%	0.144%
22	17.803	2481	2485	2493	rVB	150996	227590	3.53%	0.452%
23	17.956	2506	2511	2515	rBV	69907	117988	1.83%	0.234%
24	18.121	2532	2539	2550	rBV2	1118342	2005508	31.07%	3.984%
25	18.233	2555	2558	2564	rVB	105847	135111	2.09%	0.268%
26	18.298	2564	2569	2573	rBV3	370492	654911	10.15%	1.301%
27	18.503	2601	2604	2609	rVB	86758	96500	1.50%	0.192%
28	18.603	2617	2621	2625	rBV3	177686	265098	4.11%	0.527%
29	18.656	2628	2630	2640	rVB	115663	167377	2.59%	0.333%
30	19.021	2688	2692	2697	rBV	274871	461150	7.14%	0.916%
31	19.174	2713	2718	2723	rBV5	132566	306235	4.74%	0.608%
32	19.292	2733	2738	2743	rBV	1142049	1475709	22.86%	2.932%
33	19.403	2753	2757	2761	rBV2	388786	514228	7.97%	1.022%
34	19.445	2761	2764	2768	rVB	222029	262261	4.06%	0.521%
35	19.533	2776	2779	2782	rBV2	140379	169494	2.63%	0.337%
36	19.621	2792	2794	2795	rBV	91586	82964	1.29%	0.165%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.656	2795	2800	2808	rVB	1698314	2309733	35.79%	4.589%
38	19.862	2829	2835	2839	rBV	5184809	6454462	100.00%	12.823%
39	19.980	2852	2855	2863	rVB4	190980	384365	5.96%	0.764%
40	20.150	2882	2884	2890	rVB2	395054	478953	7.42%	0.952%
41	20.250	2898	2901	2906	rBV	176870	215651	3.34%	0.428%
42	20.309	2908	2911	2916	rVV	287080	365616	5.66%	0.726%
43	20.450	2932	2935	2939	rBV	275926	320755	4.97%	0.637%
44	20.497	2940	2943	2946	rVB	261596	282702	4.38%	0.562%
45	21.127	3047	3050	3057	rVB2	634465	966960	14.98%	1.921%
46	21.421	3095	3100	3104	rVV3	1718390	2721695	42.17%	5.407%
47	21.462	3104	3107	3111	rVB	666262	780684	12.10%	1.551%
48	23.797	3500	3504	3510	rVB	842172	1505104	23.32%	2.990%

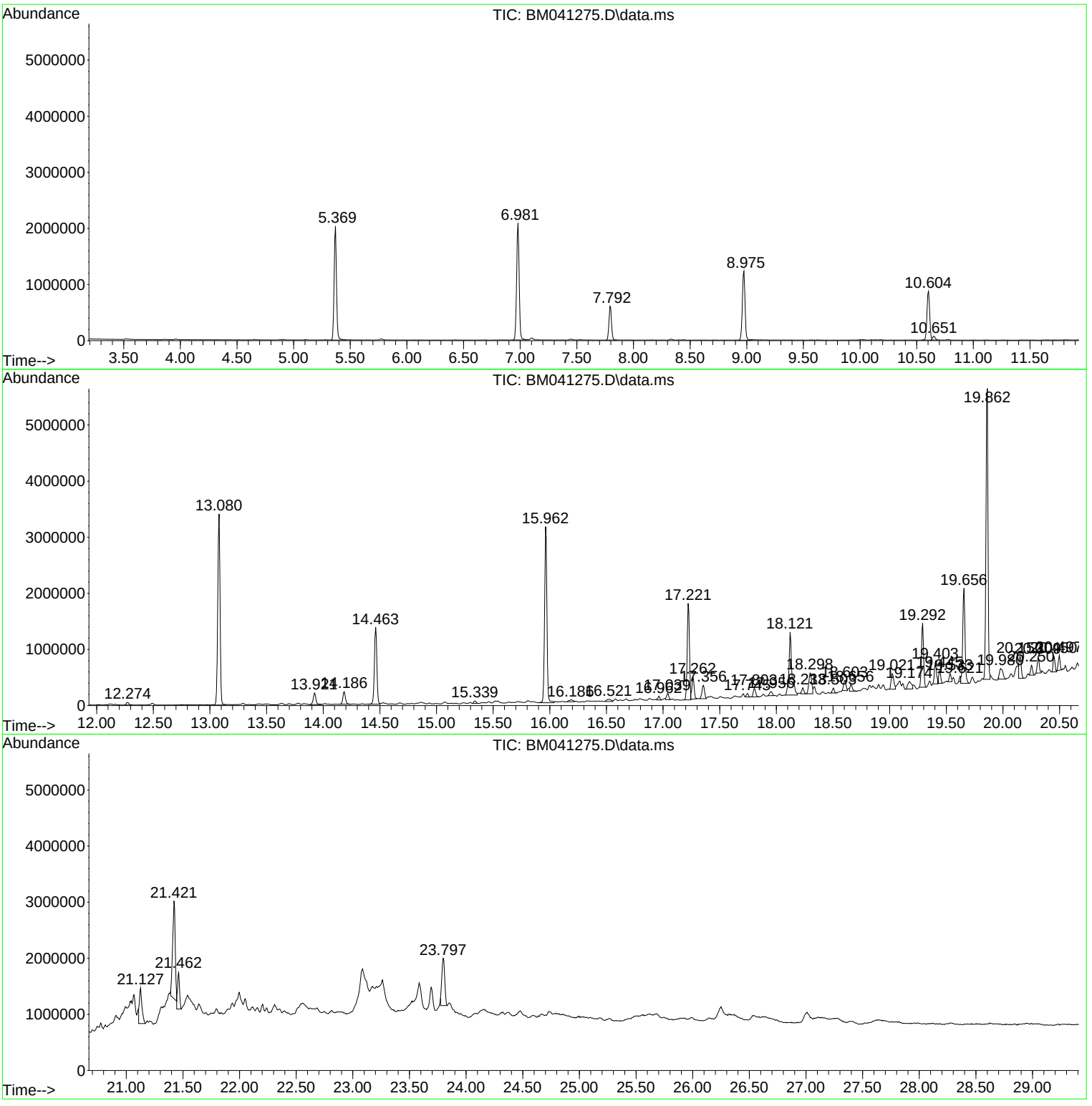
Sum of corrected areas: 50333660

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

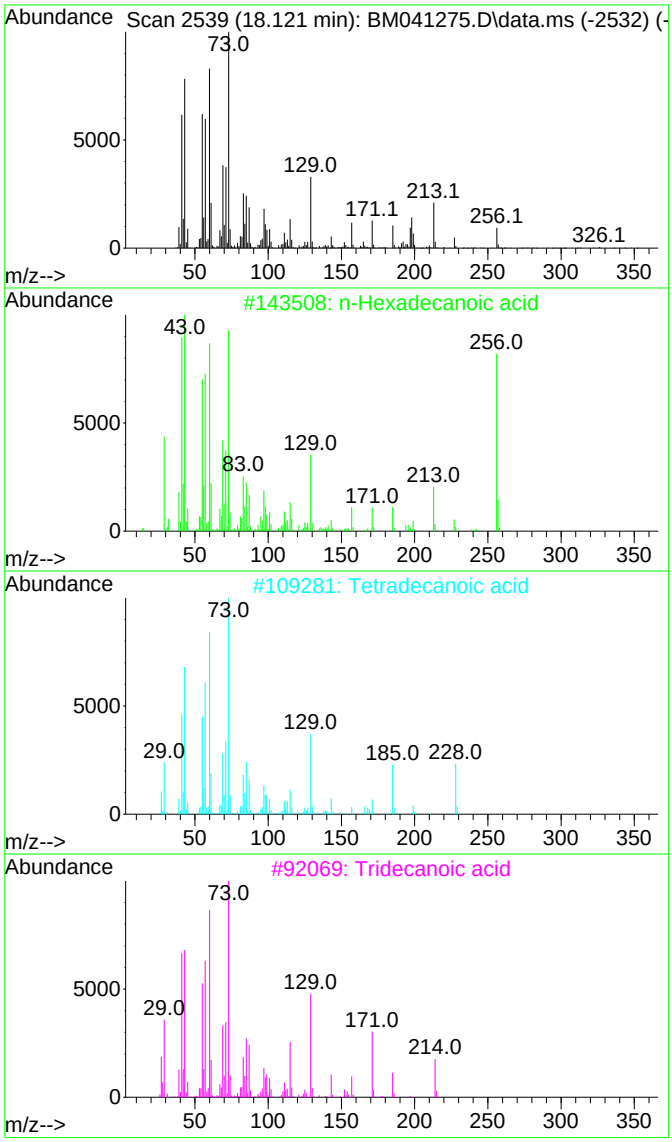
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

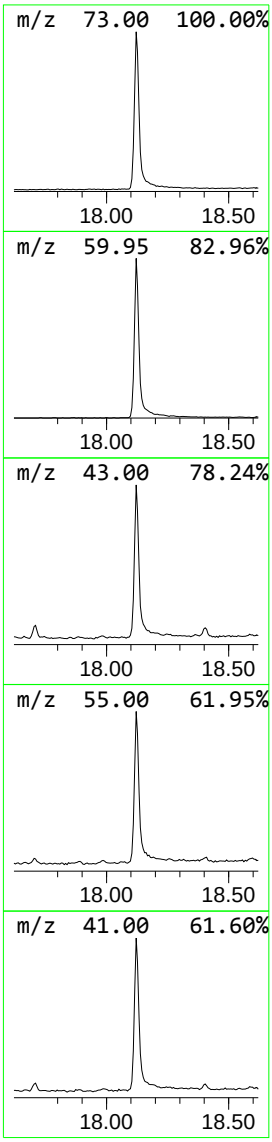
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	16.89 ng	2005510	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

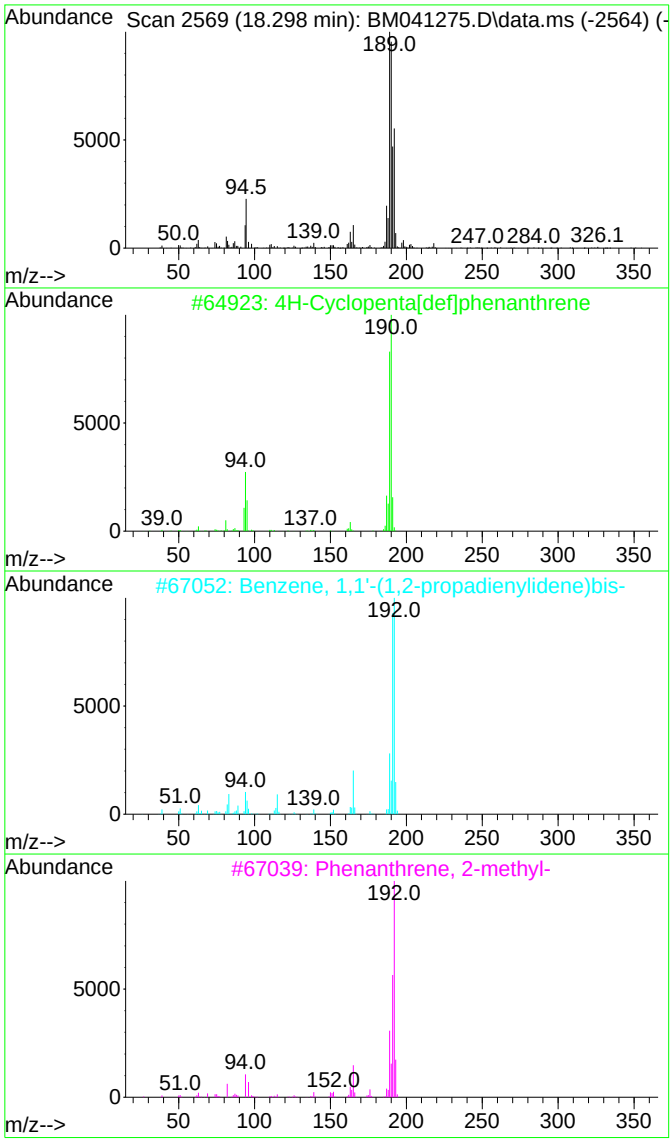
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

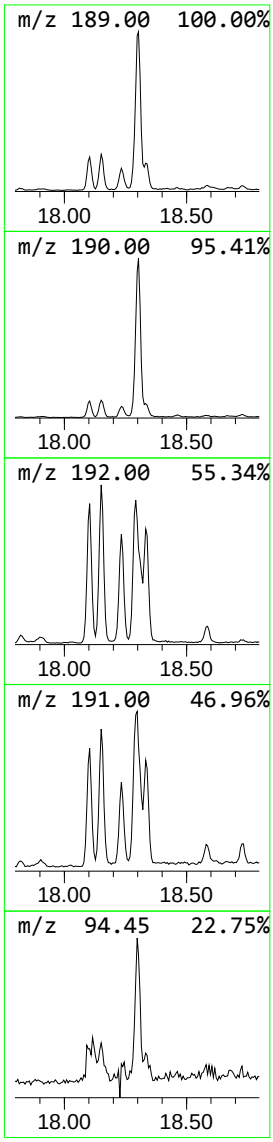
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	5.51 ng	654911	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

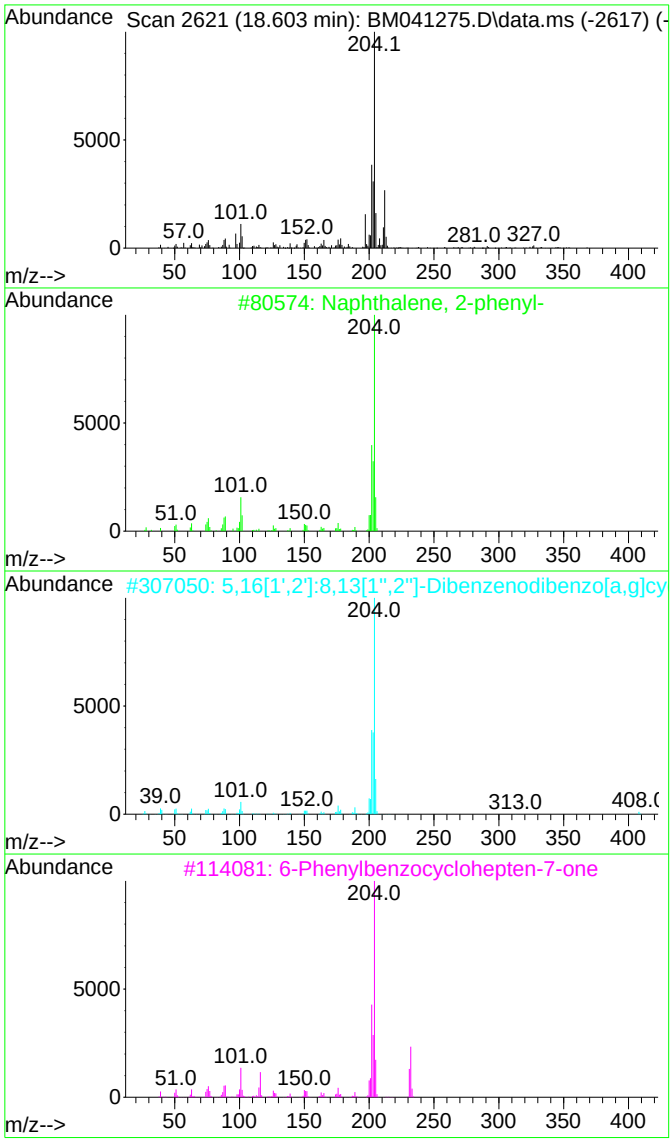
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

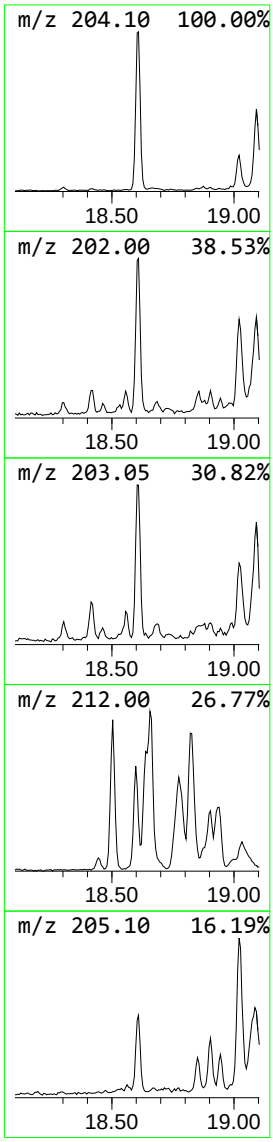
****

Peak Number 3 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.603	2.23 ng	265098	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	59
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

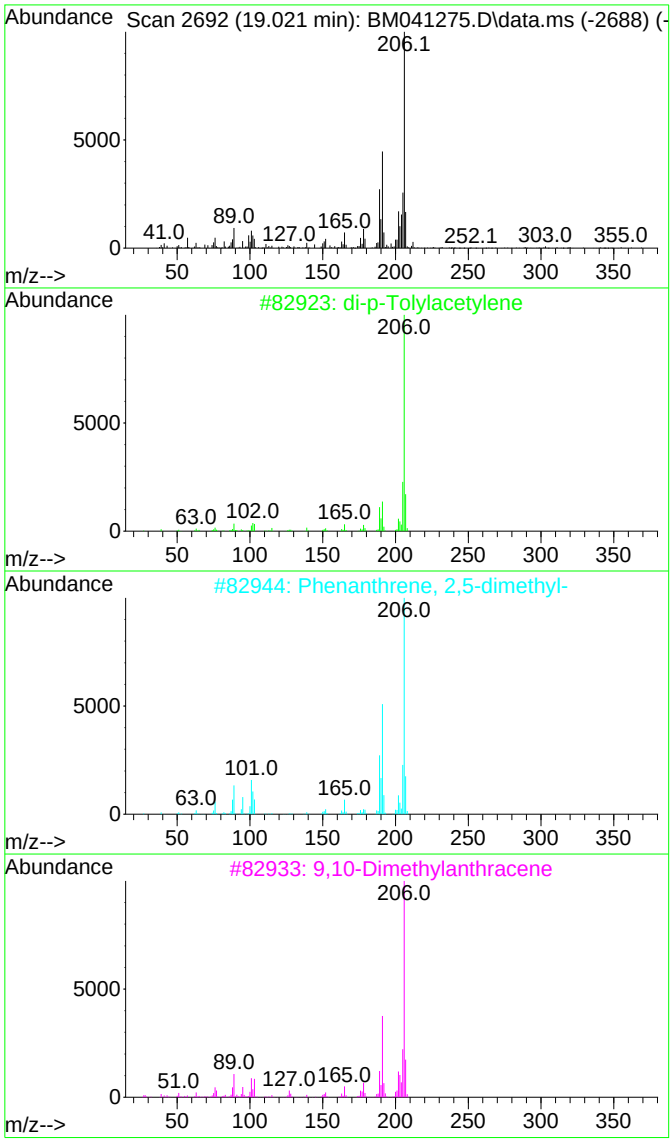
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

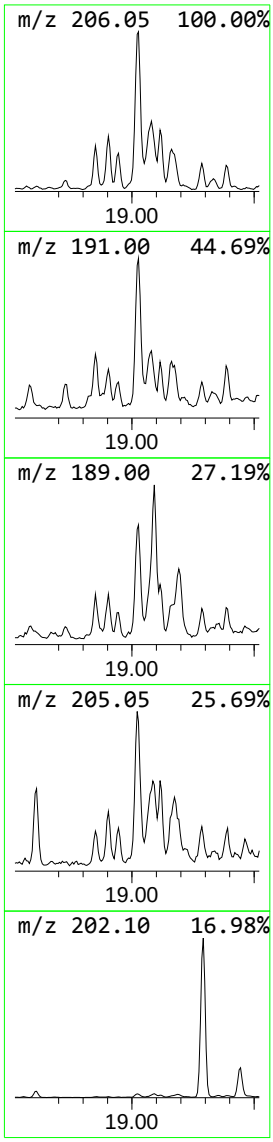
****

Peak Number 4 di-p-Tolylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	3.88 ng	461150	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

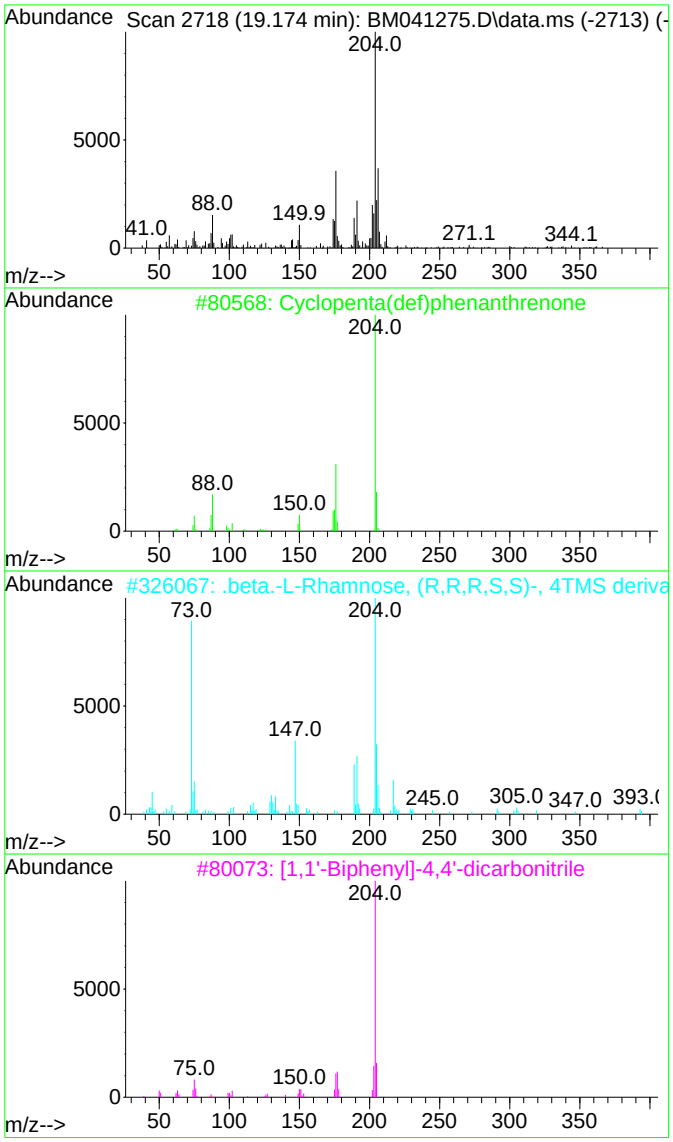
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

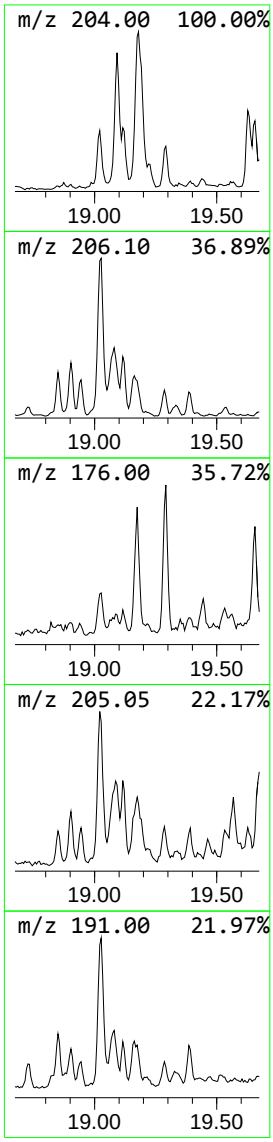
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	2.58 ng	306235	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	.beta.-L-Rhamnose, (R,R,R,S,S)-,...	452	C18H44O5Si4	055057-22-2	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

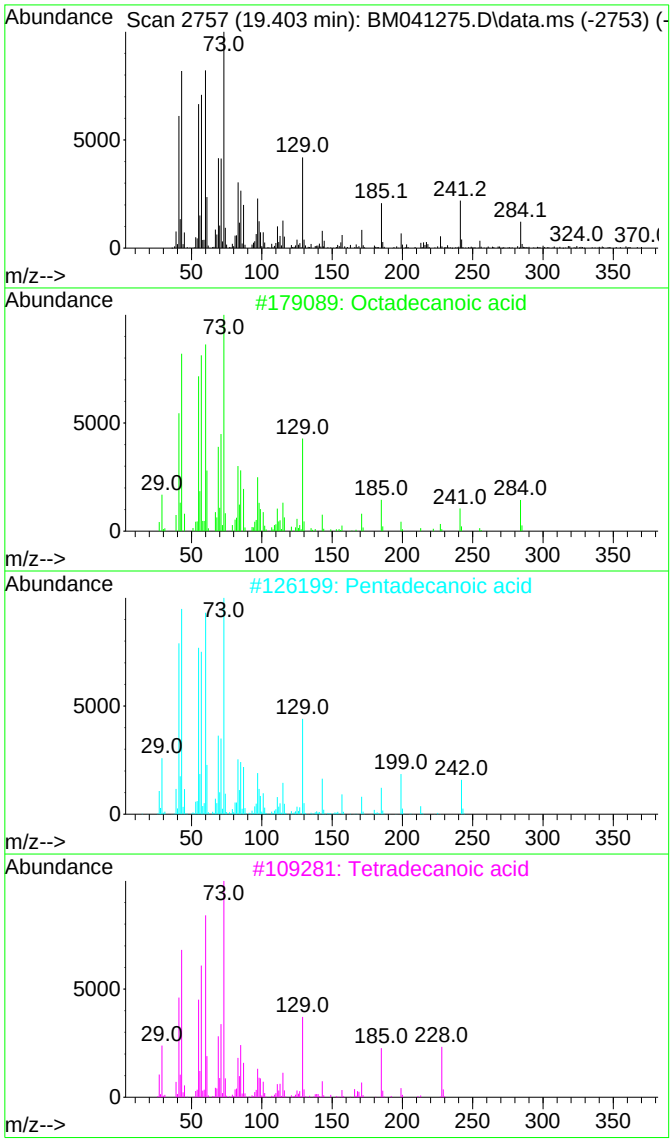
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

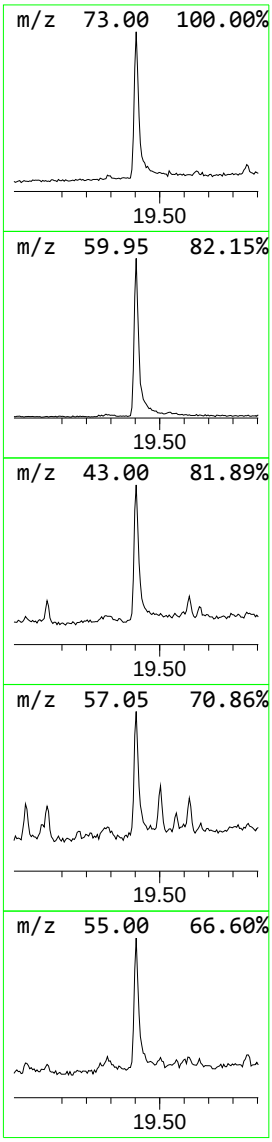
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.403	3.78 ng	514228	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Heneicosanoic acid	326	C21H42O2	002363-71-5	78
5	Docosanoic acid	340	C22H44O2	000112-85-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

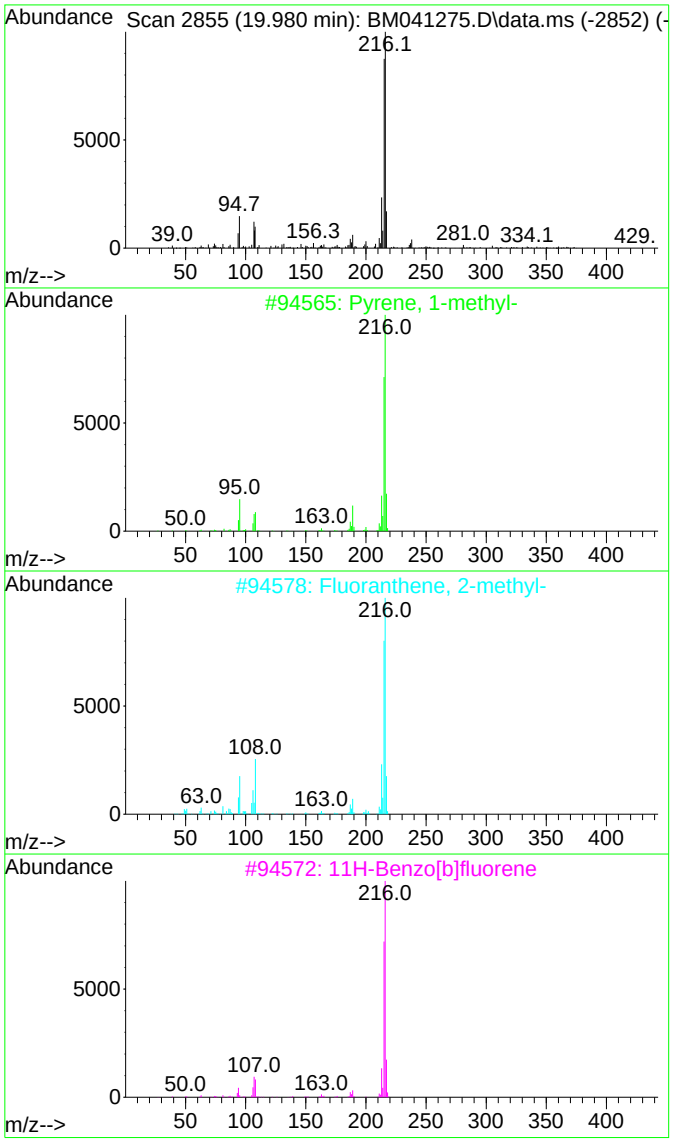
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

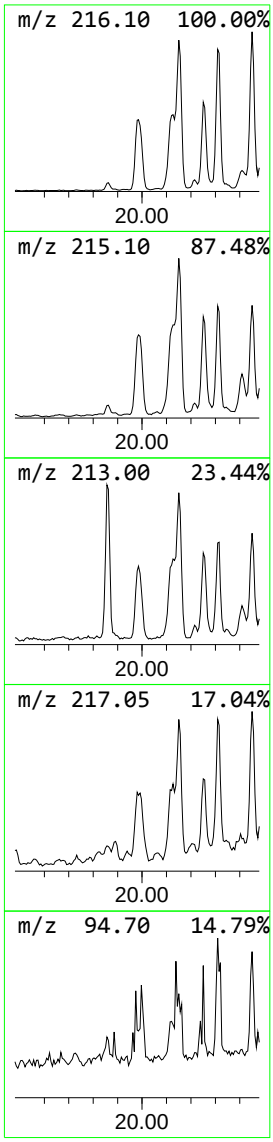
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	2.82 ng	384365	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

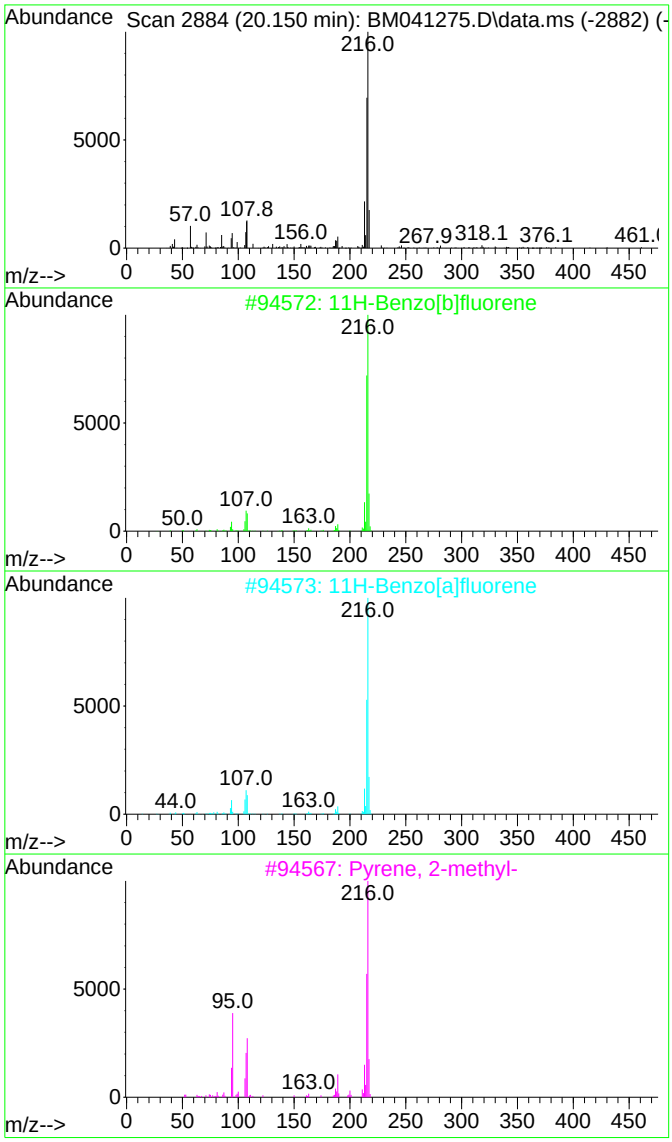
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

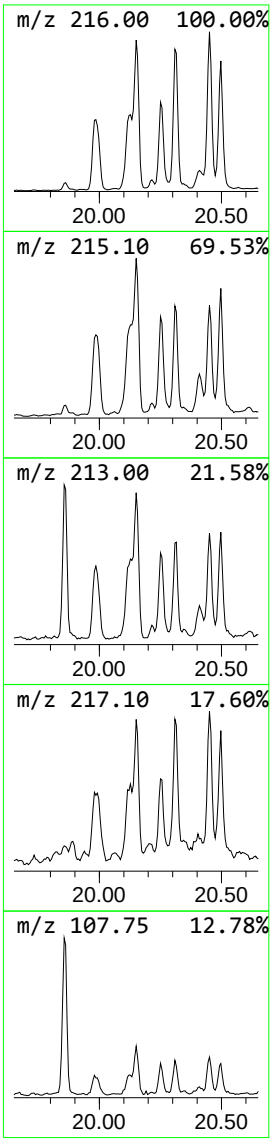
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.150	3.52 ng	478953	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

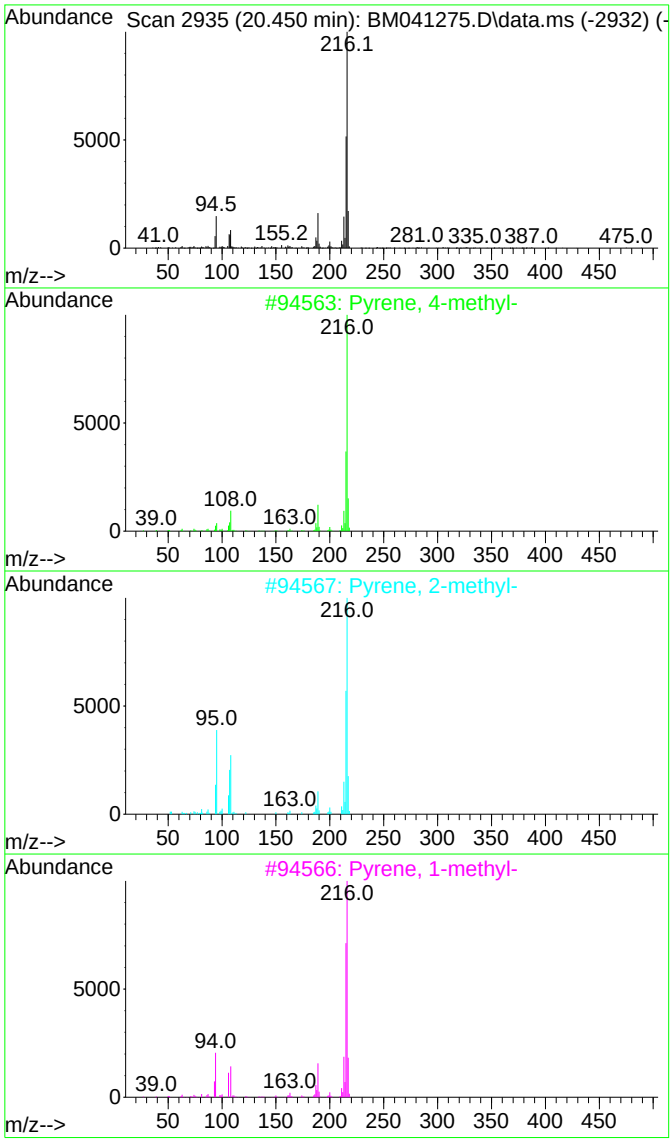
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

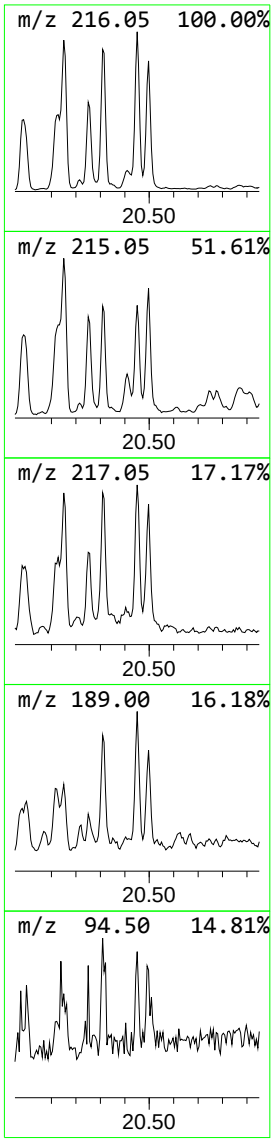
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.450	2.36 ng	320755	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

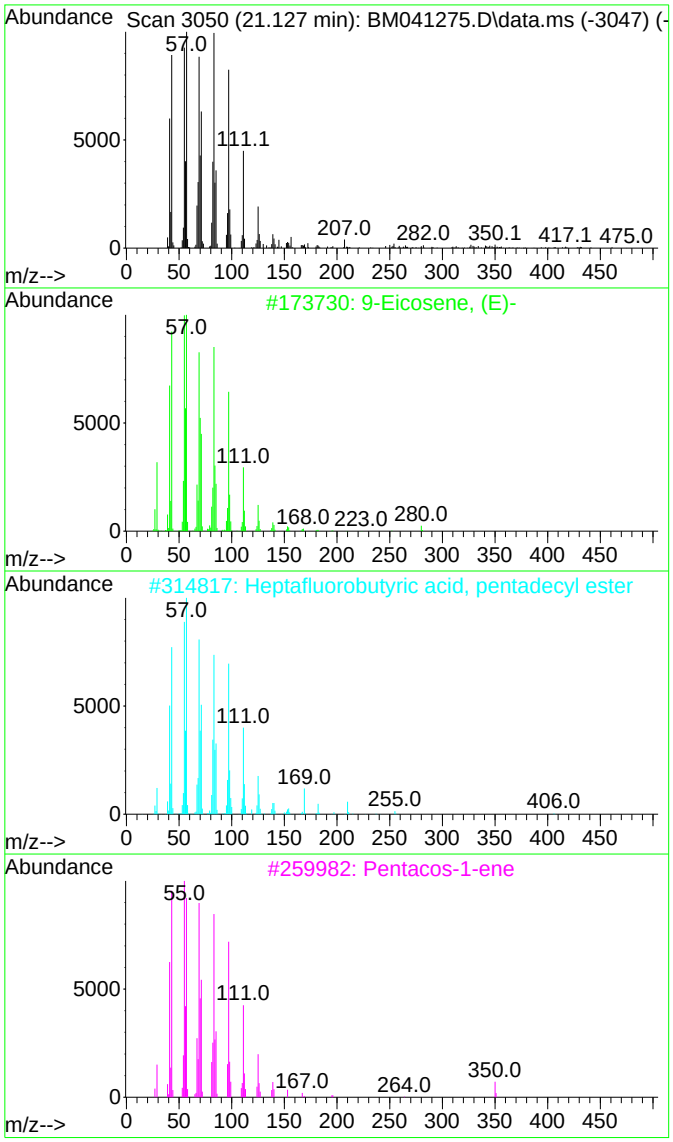
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

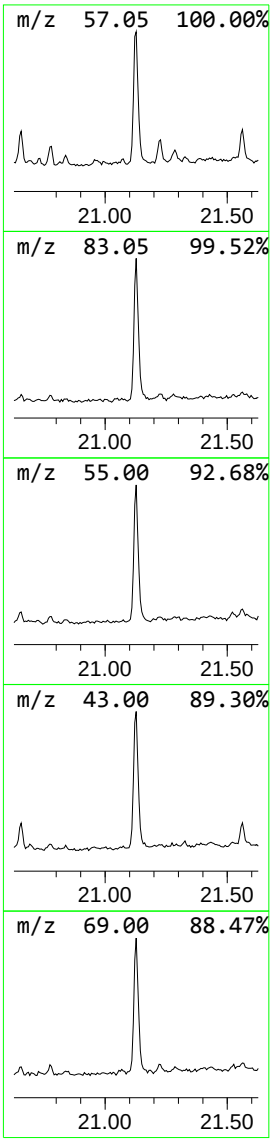
****

Peak Number 12 9-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	7.11 ng	966960	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Pentacos-1-ene	350	C25H50	016980-85-1	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
Acq On : 03 Aug 2023 23:19
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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
n-Hexadecanoic ...	18.121	16.9	ng	2005510	4	17.221	2375070	20.0
4H-Cyclopenta[d...	18.298	5.5	ng	654911	4	17.221	2375070	20.0
Naphthalene, 2-...	18.603	2.2	ng	265098	4	17.221	2375070	20.0
di-p-Tolylacety...	19.021	3.9	ng	461150	4	17.221	2375070	20.0
Cyclopenta(def)...	19.174	2.6	ng	306235	4	17.221	2375070	20.0
Octadecanoic acid	19.403	3.8	ng	514228	5	21.427	2721700	20.0
Pyrene, 1-methyl-	19.980	2.8	ng	384365	5	21.427	2721700	20.0
11H-Benzo[b]flu...	20.150	3.5	ng	478953	5	21.427	2721700	20.0
Pyrene, 4-methyl-	20.450	2.4	ng	320755	5	21.427	2721700	20.0
9-Eicosene, (E)-	21.127	7.1	ng	966960	5	21.427	2721700	20.0