LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041249.D
Acq On : 02 Aug 2023 17:44
Operator : MA/JU
Sample : 03810-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P08A

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: BM041249.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	365	371	387	rBV	2554609	3714754	37.84%	6.539%
2	6.987	638	646	660	rBV	2596581	4190024	42.68%	7.375%
3	7.798	775	784	792	rBV	746263	1144945	11.66%	2.015%
4	8.975	976	984	998	rBV	1690003	2726397	27.77%	4.799%
5	10.604	1253	1261	1275	rBV	1039207	1711986	17.44%	3.014%
6	13.080	1675	1682	1693	rBV	4623541	6685043	68.09%	11.767%
7	14.463	1911	1917	1925	rBV	1679621	2418629	24.63%	4.257%
8	15.968	2166	2173	2192	rBV	4113945	5762816	58.69%	10.144%
9	17.227	2380	2387	2391	rBV	2151271	3039869	30.96%	5.351%
10	17.268	2391	2394	2399	rVB	269199	343722	3.50%	0.605%
11	17.356	2404	2409	2413	rVB2	71953	127020	1.29%	0.224%
12	18.127	2532	2540	2555	rBV2	1152411	2228615	22.70%	3.923%
13	18.233	2555	2558	2563	rVV	82817	132303	1.35%	0.233%
14	18.292	2563	2568	2573	rVV2	252580	467578	4.76%	0.823%
15	18.339	2573	2576	2582	rVB	173637	226905	2.31%	0.399%
16	18.609	2617	2622	2626	rBV2	87783	134831	1.37%	0.237%
17	19.027	2688	2693	2697	rBV	238059	368677	3.75%	0.649%
18	19.086	2698	2703	2706	rVV3	70322	139429	1.42%	0.245%
19	19.174	2712	2718	2724	rBV4	108722	258879	2.64%	0.456%
20	19.292	2733	2738	2745	rVB	568607	730218	7.44%	1.285%
21	19.409	2752	2758	2766	rBV2	378507	616731	6.28%	1.086%
22	19.656	2791	2800	2808	rBV	791134	1234895	12.58%	2.174%
23	19.727	2809	2812	2818	rVB2	86106	131376	1.34%	0.231%
24	19.862	2829	2835	2840	rBV	8327618	9818296	100.00%	17.283%
25	19.980	2851	2855	2866	rBV5	112325	305966	3.12%	0.539%
26	20.150	2876	2884	2892	rVB4	140699	366189	3.73%	0.645%
27	20.315	2908	2912	2915	rBV	166313	222334	2.26%	0.391%
28	20.450	2932	2935	2939	rBV	155242	170331	1.73%	0.300%
29	20.497	2940	2943	2947	rVB	161215	175222	1.78%	0.308%
30	21.133	3047	3051	3058	rVB2	804639	1125794	11.47%	1.982%
31	21.427	3095	3101	3105	rBV2	2215443	3125069	31.83%	5.501%
32	21.462	3105	3107	3113	rVB	360293	400283	4.08%	0.705%
33	22.050	3205	3207	3215	rVB3	266589	355767	3.62%	0.626%
34	23.797	3499	3504	3512	rVB	1176432	2209284	22.50%	3.889%

Sum of corrected areas: 56810177

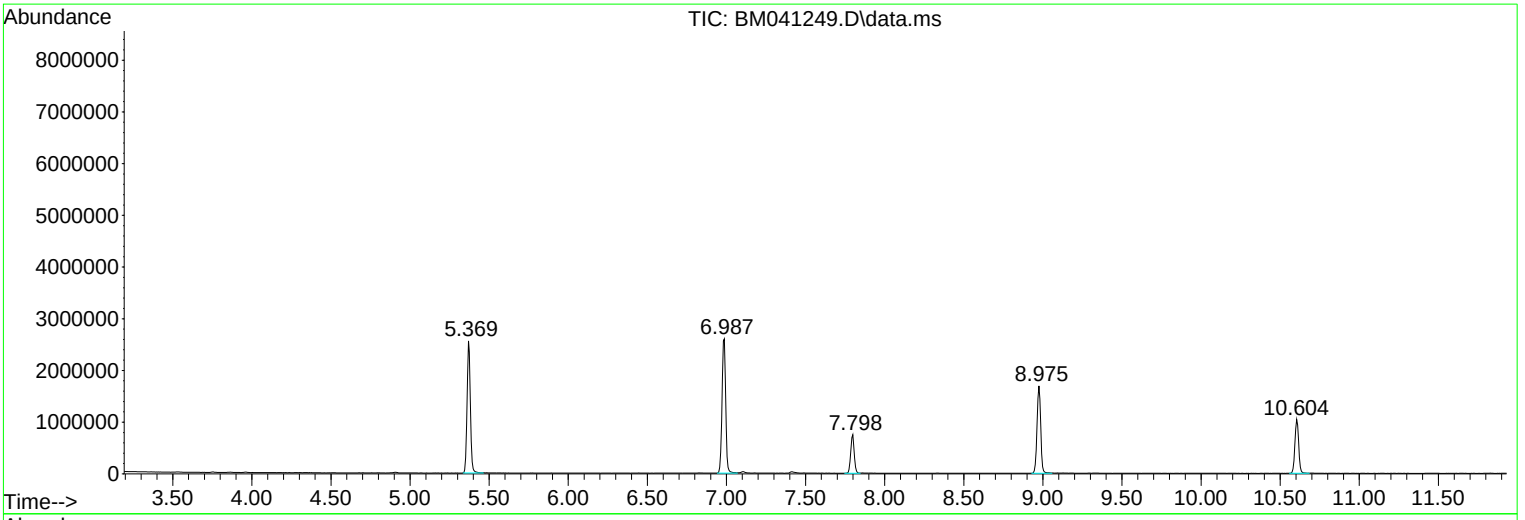
Instrument :
BNA_M
ClientSampleId :
B-P08A

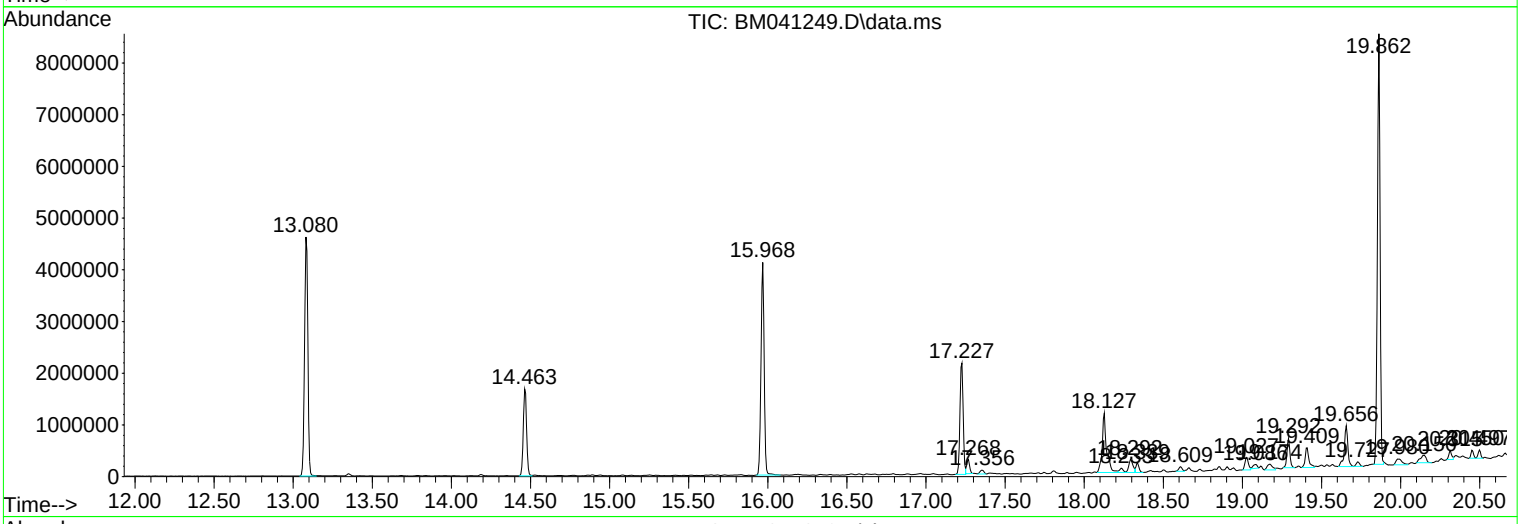
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041249.D
Acq On : 02 Aug 2023 17:44
Operator : MA/JU
Sample : 03810-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

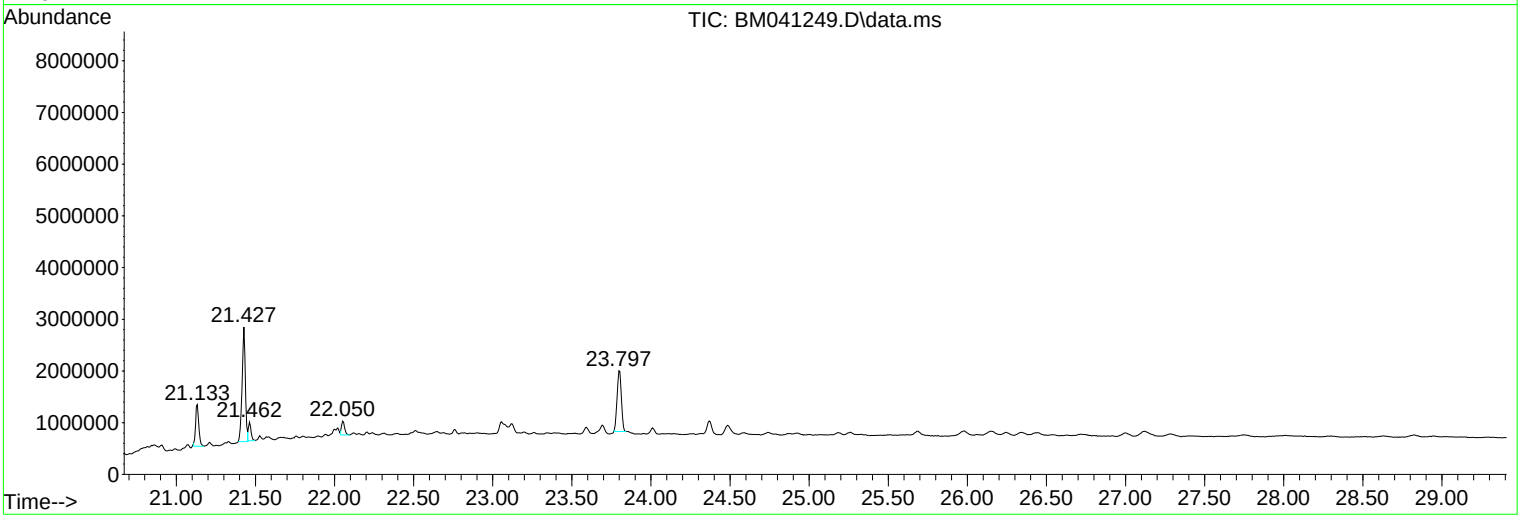
Instrument :
BNA_M
ClientSampleId :
B-P08A

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







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Data File : BM041249.D
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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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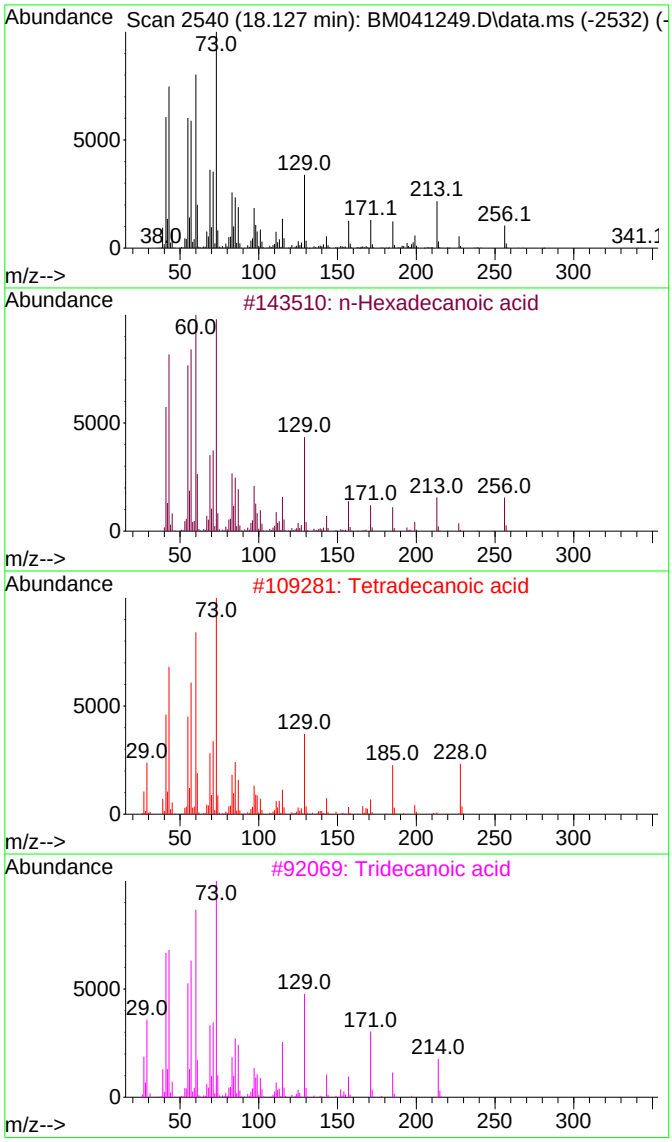
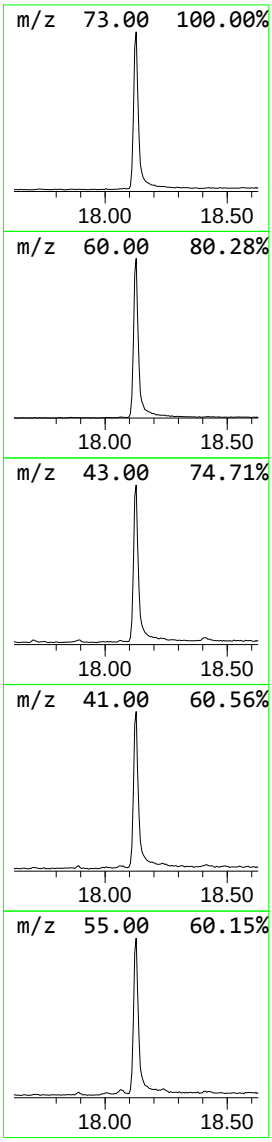
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	14.66 ng	2228620	Phenanthrene-d10	17.227

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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Data File : BM041249.D
Acq On : 02 Aug 2023 17:44
Operator : MA/JU
Sample : 03810-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P08A

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

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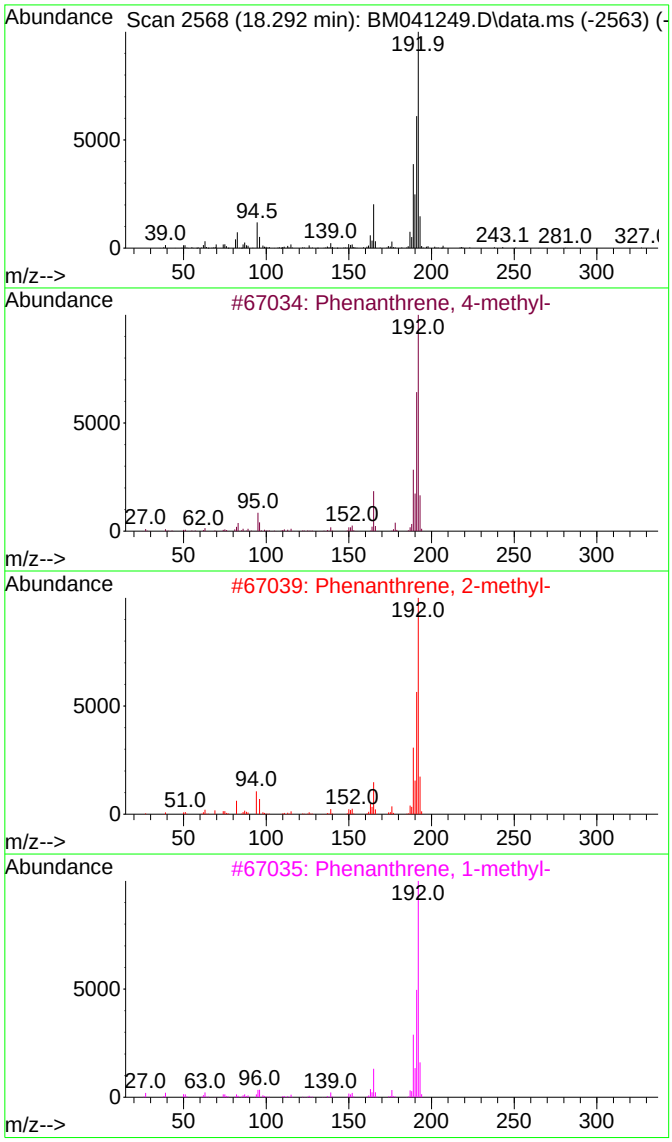
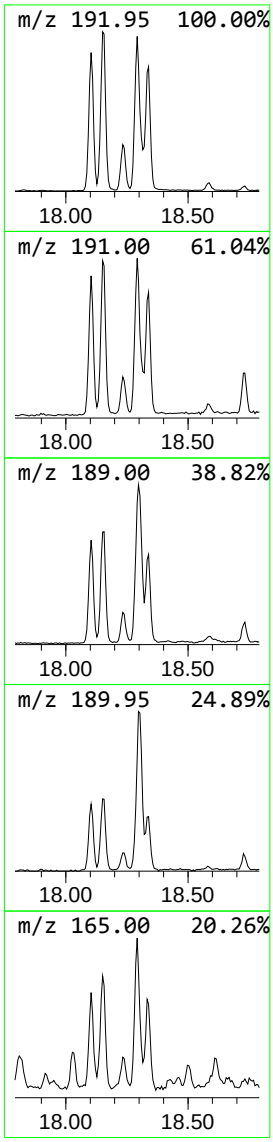
Peak Number 2 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	3.08 ng	467578	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041249.D
Acq On : 02 Aug 2023 17:44
Operator : MA/JU
Sample : 03810-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P08A

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

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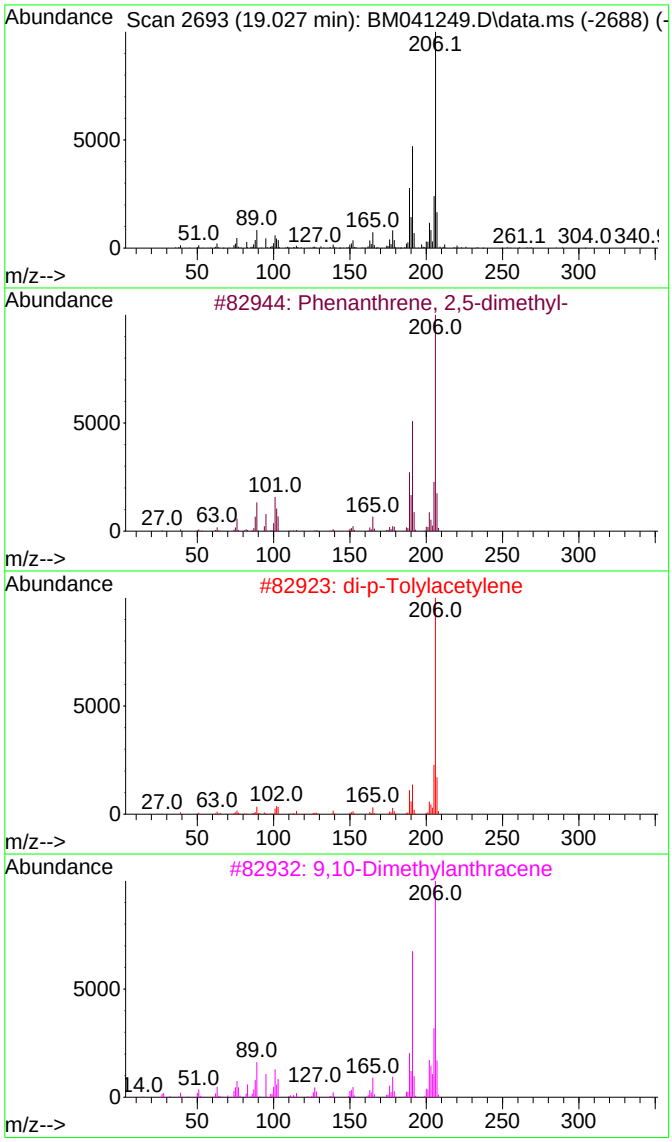
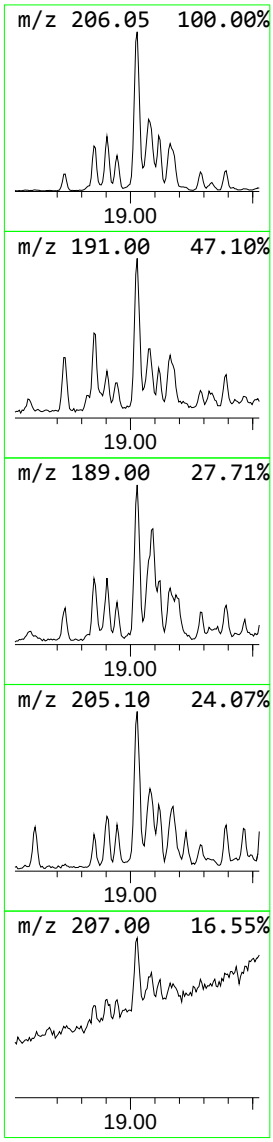
Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	2.43 ng	368677	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Data File : BM041249.D
Acq On : 02 Aug 2023 17:44
Operator : MA/JU
Sample : 03810-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P08A

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

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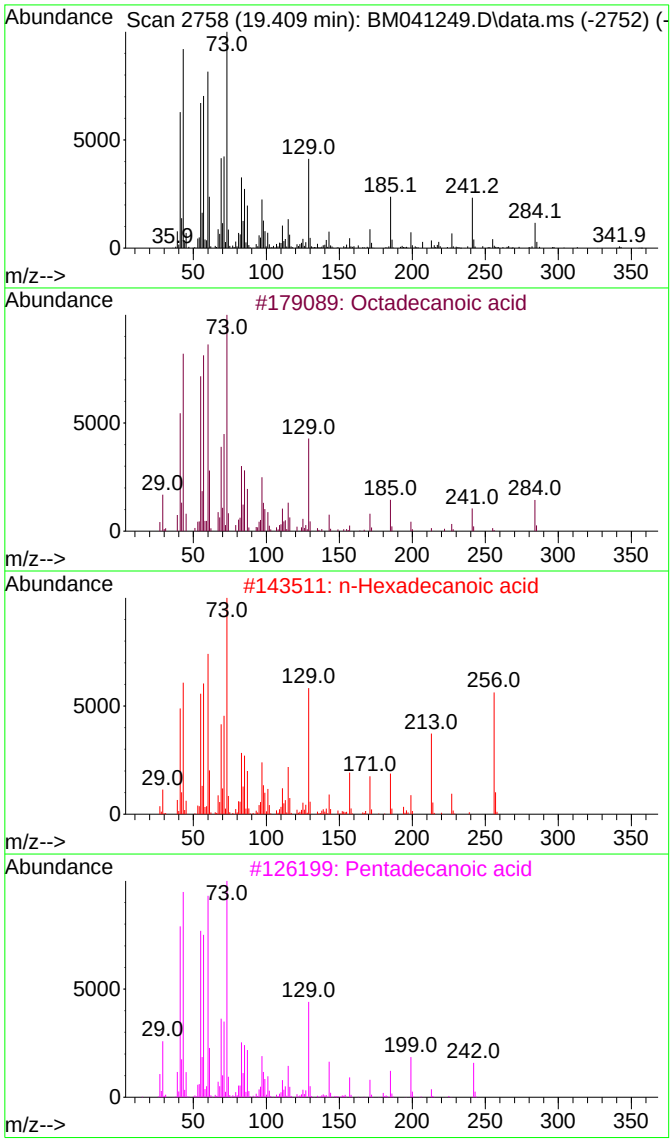
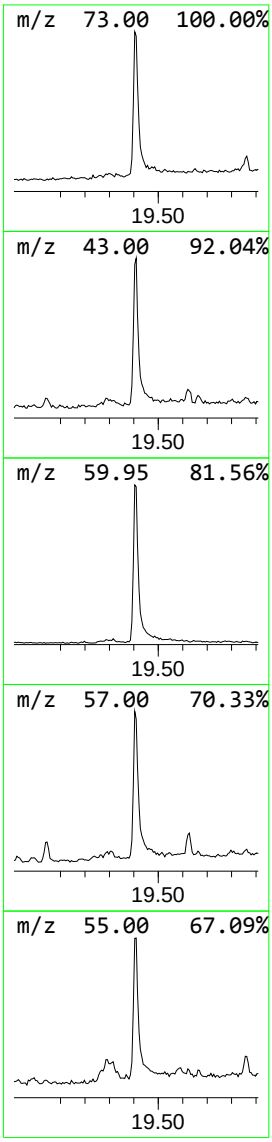
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.409	3.95 ng	616731	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P08A

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

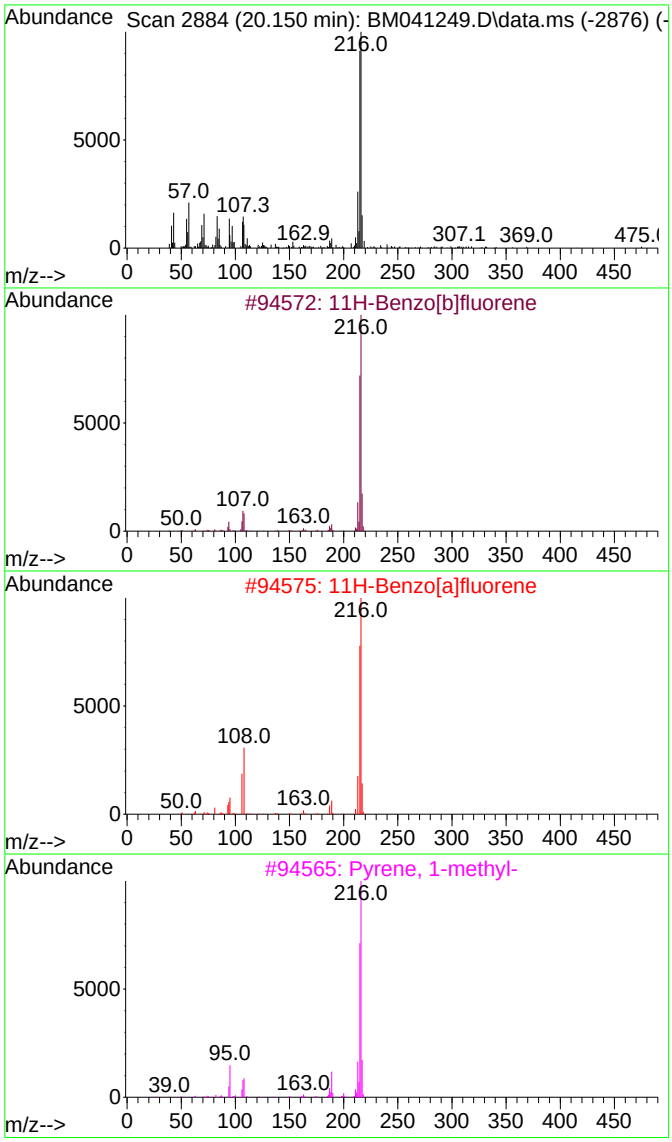
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

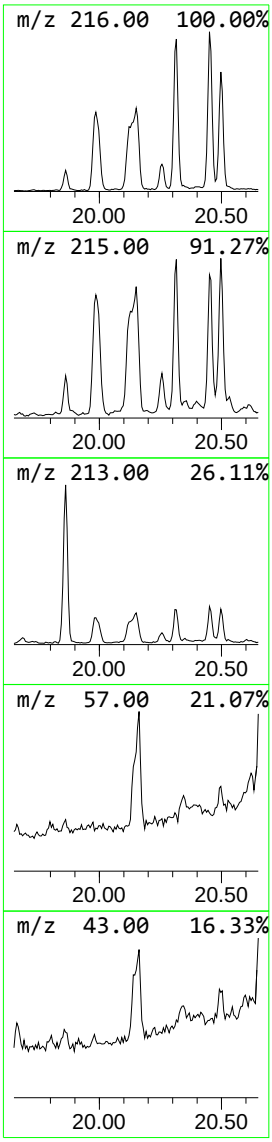
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.150	2.34 ng	366189	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55





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ClientSampleId :
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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
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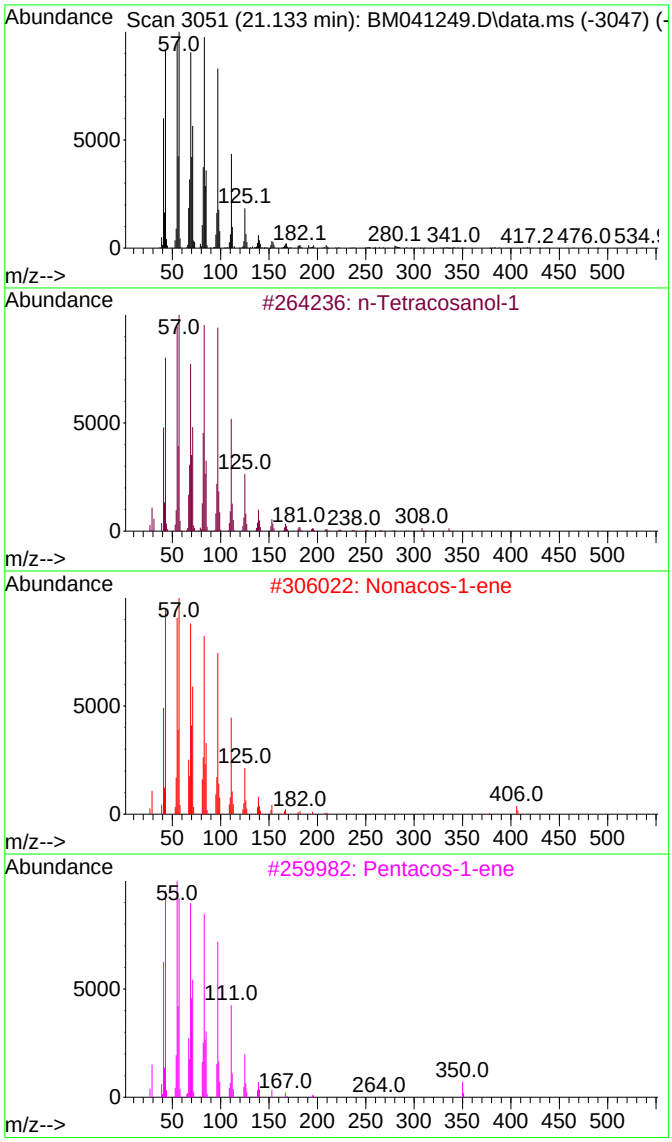
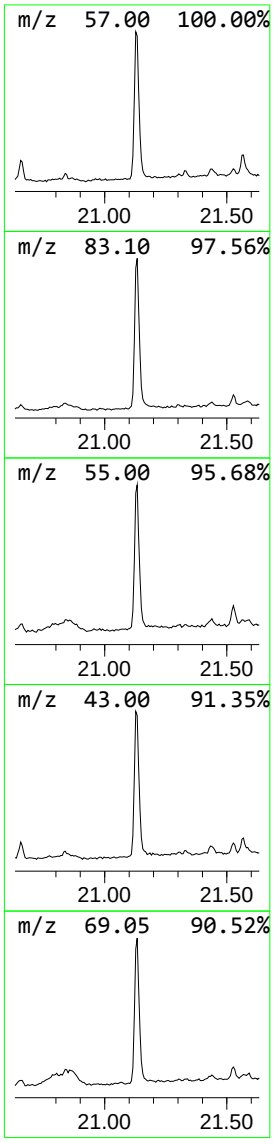
Peak Number 6 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	7.20 ng	1125790	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Nonacos-1-ene	406	C29H58	018835-35-3	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	91





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Sample : 03810-11
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P08A

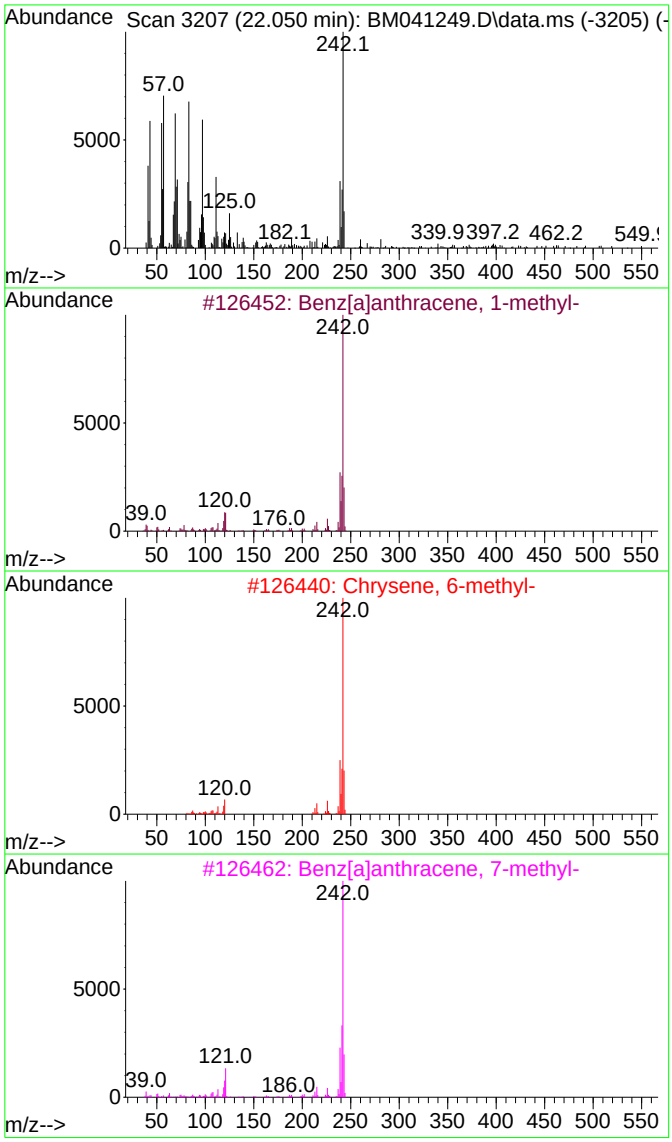
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

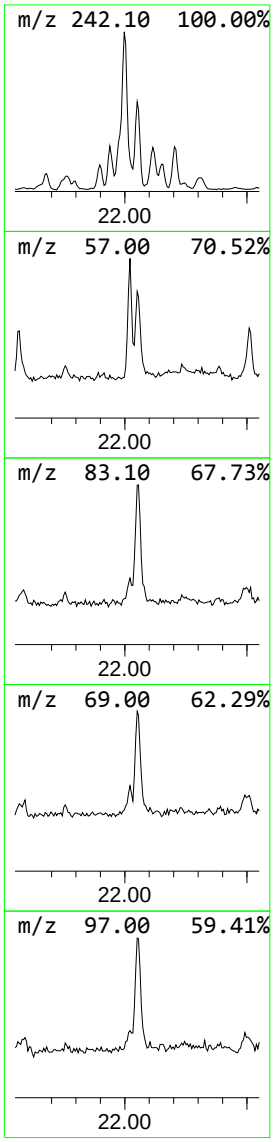
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benz[a]anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.050	2.28 ng	355767	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	83
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	83
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	60
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	59





Tentatively Identified Compound (LSC) summary

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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 ...	18.127	14.7	ng	2228620	4	17.227	3039870	20.0
Phenanthrene, 4...	18.292	3.1	ng	467578	4	17.227	3039870	20.0
Phenanthrene, 2...	19.027	2.4	ng	368677	4	17.227	3039870	20.0
Octadecanoic acid	19.409	4.0	ng	616731	5	21.427	3125070	20.0
11H-Benzo[b]flu...	20.150	2.3	ng	366189	5	21.427	3125070	20.0
n-Tetracosanol-1	21.133	7.2	ng	1125790	5	21.427	3125070	20.0
Benz[a]anthrace...	22.050	2.3	ng	355767	5	21.427	3125070	20.0