LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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: BM041242.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	385	rBV	2065462	3008699	34.15%	3.732%
2	6.981	635	645	659	rBV	2172534	3449448	39.15%	4.279%
3	7.798	776	784	792	rBV	609203	981482	11.14%	1.218%
4	8.975	976	984	997	rBV	1340920	2212608	25.11%	2.745%
5	10.604	1254	1261	1268	rBV	934642	1504263	17.07%	1.866%
6	13.080	1675	1682	1694	rBV	4160490	5739201	65.14%	7.120%
7	13.916	1818	1824	1838	rVB3	46304	126893	1.44%	0.157%
8	14.186	1864	1870	1880	rBV	314533	471903	5.36%	0.585%
9	14.463	1911	1917	1923	rBV	1606309	2251986	25.56%	2.794%
10	15.962	2163	2172	2180	rBV	3845760	5514890	62.59%	6.841%
11	16.192	2204	2211	2220	rBV8	59110	164345	1.87%	0.204%
12	16.392	2242	2245	2255	rVB	86231	128777	1.46%	0.160%
13	16.627	2280	2285	2290	rBV3	114936	198720	2.26%	0.247%
14	16.733	2299	2303	2310	rBV2	43958	105922	1.20%	0.131%
15	17.121	2365	2369	2376	rBV2	142288	250732	2.85%	0.311%
16	17.221	2381	2386	2390	rVV	2093440	3081249	34.97%	3.822%
17	17.256	2390	2392	2397	rVV2	687562	1088849	12.36%	1.351%
18	17.304	2397	2400	2404	rVB2	188478	240581	2.73%	0.298%
19	17.356	2404	2409	2413	rBV	311147	415757	4.72%	0.516%
20	17.427	2418	2421	2425	rVB2	91796	124024	1.41%	0.154%
21	17.574	2442	2446	2450	rBV	174865	202204	2.29%	0.251%
22	18.004	2513	2519	2525	rBV3	161935	357545	4.06%	0.444%
23	18.062	2525	2529	2532	rVV2	162855	254937	2.89%	0.316%
24	18.127	2532	2540	2551	rVV2	2282894	3758318	42.65%	4.662%
25	18.233	2555	2558	2564	rVV	142336	202286	2.30%	0.251%
26	18.298	2564	2569	2573	rVV2	257129	457169	5.19%	0.567%
27	18.333	2573	2575	2582	rVB	133148	172049	1.95%	0.213%
28	18.421	2582	2590	2595	rBV4	208591	416530	4.73%	0.517%
29	18.556	2610	2613	2617	rBV4	78819	123303	1.40%	0.153%
30	18.609	2619	2622	2627	rVV	130228	201807	2.29%	0.250%
31	18.656	2627	2630	2637	rVB2	94675	143167	1.62%	0.178%
32	19.027	2688	2693	2698	rBV2	171990	367880	4.18%	0.456%
33	19.145	2710	2713	2715	rBV	104476	127099	1.44%	0.158%
34	19.292	2730	2738	2744	rBV	2648622	3790839	43.02%	4.703%
35	19.409	2754	2758	2761	rBV	657066	823793	9.35%	1.022%
36	19.627	2791	2795	2796	rBV	253796	318737	3.62%	0.395%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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	2796	2800	2808	rVB	2013079	2650939	30.09%	3.289%
38	19.727	2809	2812	2817	rBV2	113582	173089	1.96%	0.215%
39	19.862	2830	2835	2840	rVB	7630415	8811023	100.00%	10.930%
40	19.992	2851	2857	2864	rBV3	159394	379089	4.30%	0.470%
41	20.256	2898	2902	2906	rBV	227374	287812	3.27%	0.357%
42	20.315	2909	2912	2915	rVB	231703	266210	3.02%	0.330%
43	20.450	2932	2935	2939	rBV	260717	339199	3.85%	0.421%
44	20.497	2940	2943	2948	rVB2	454190	581744	6.60%	0.722%
45	20.627	2961	2965	2969	rBV	861821	944328	10.72%	1.171%
46	20.992	3023	3027	3033	rBV2	741321	942840	10.70%	1.170%
47	21.115	3044	3048	3049	rBV	1003395	1107892	12.57%	1.374%
48	21.133	3049	3051	3059	rVB4	1136471	1554326	17.64%	1.928%
49	21.433	3095	3102	3105	rBV2	2481952	4547463	51.61%	5.641%
50	21.468	3105	3108	3115	rVB	1093318	1348735	15.31%	1.673%
51	22.056	3205	3208	3214	rVB	715541	931295	10.57%	1.155%
52	23.062	3374	3379	3381	rBV	1130359	1886416	21.41%	2.340%
53	23.597	3466	3470	3479	rVB	539066	976800	11.09%	1.212%
54	23.697	3483	3487	3494	rVB	808901	1493106	16.95%	1.852%
55	23.809	3500	3506	3511	rBV	1042938	1921475	21.81%	2.384%
56	24.374	3597	3602	3613	rVB	965993	1957773	22.22%	2.429%
57	27.132	4064	4071	4090	rVB6	1038552	4731332	53.70%	5.869%

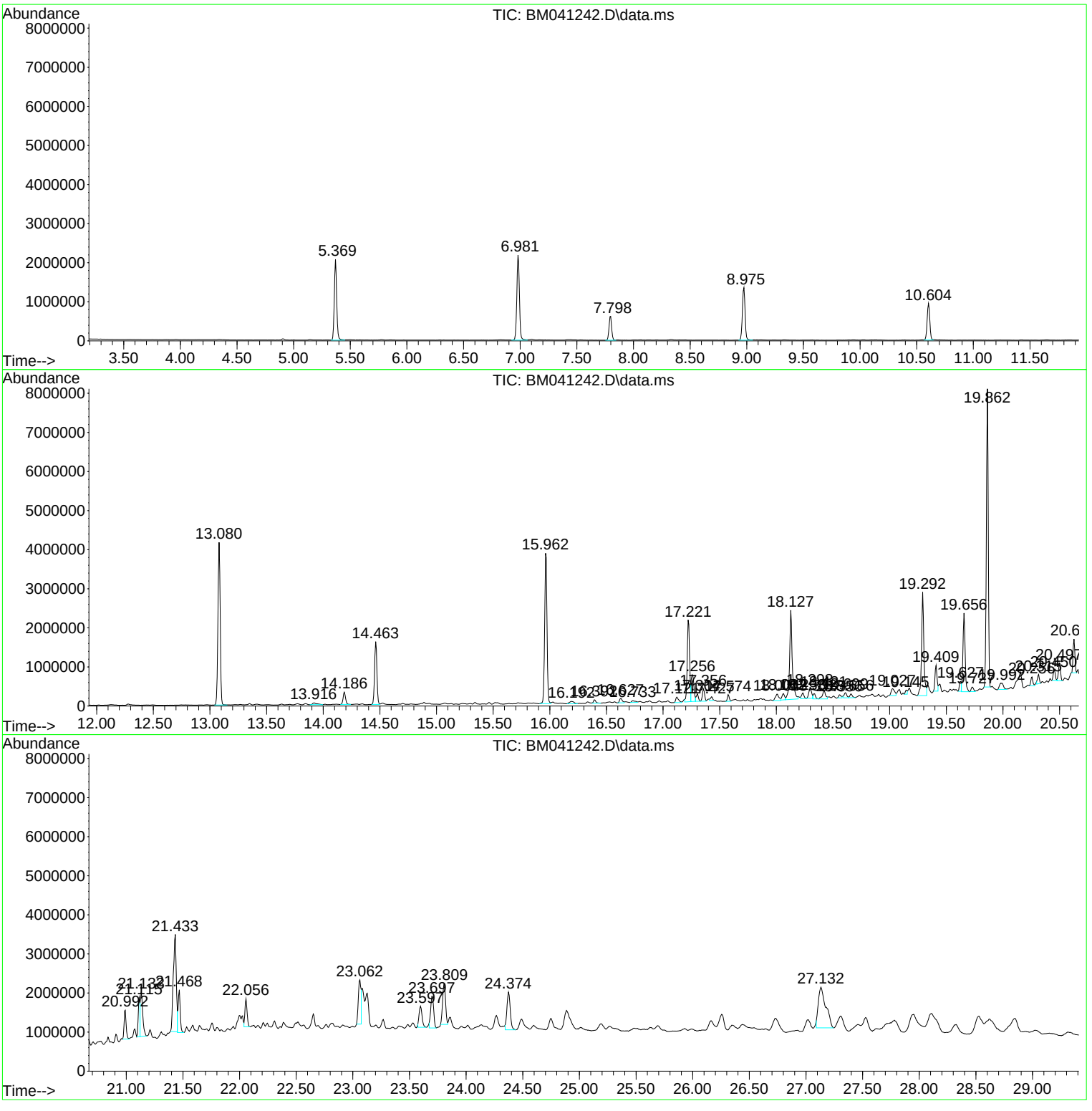
Sum of corrected areas: 80610878

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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

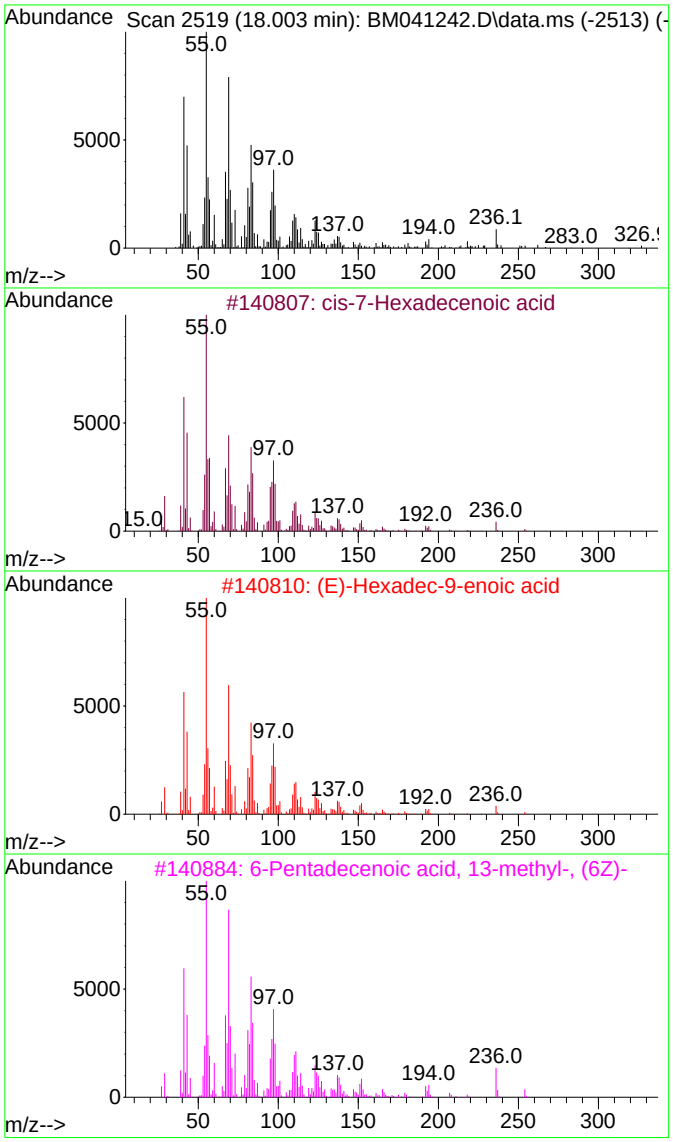
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

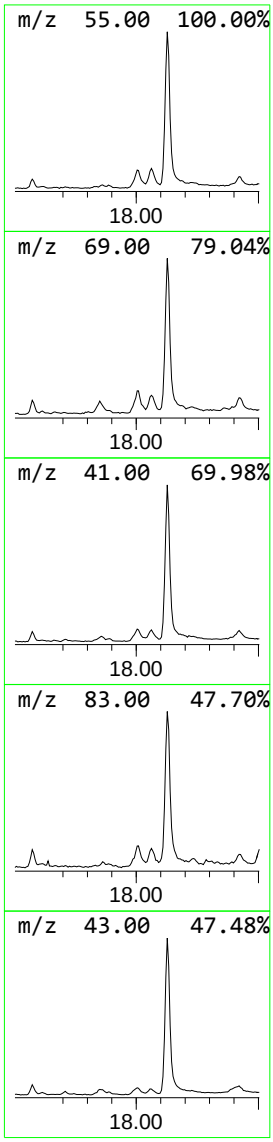
****

Peak Number 1 cis-7-Hexadecenoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.003	2.32 ng	357545	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	97
3	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	91
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	78
5	9-Decenoic acid	170	C10H18O2	014436-32-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

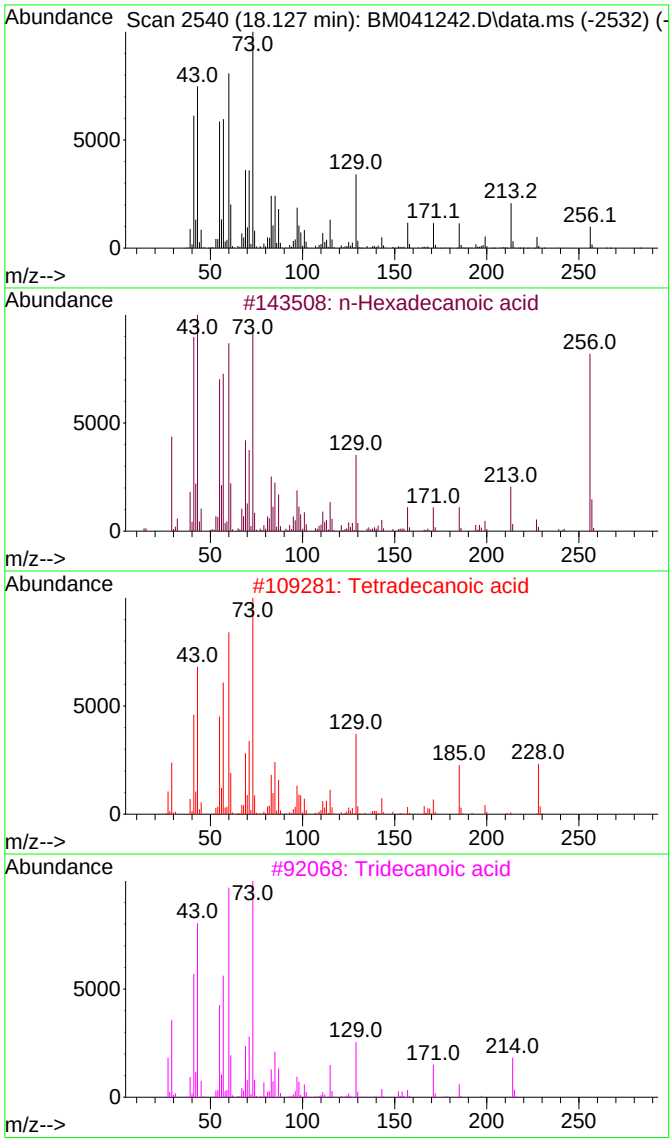
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

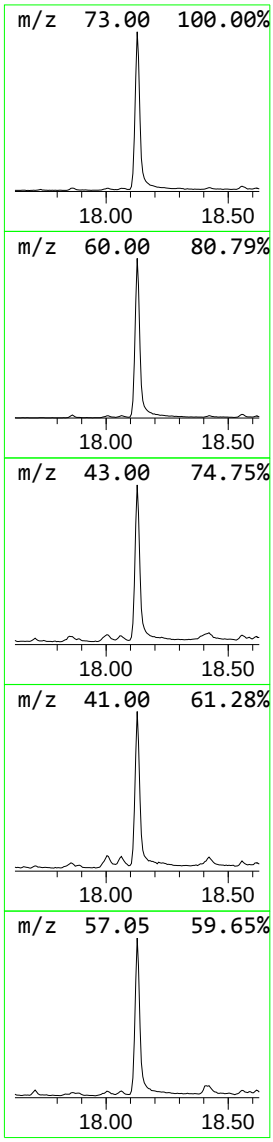
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	24.39 ng	3758320	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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

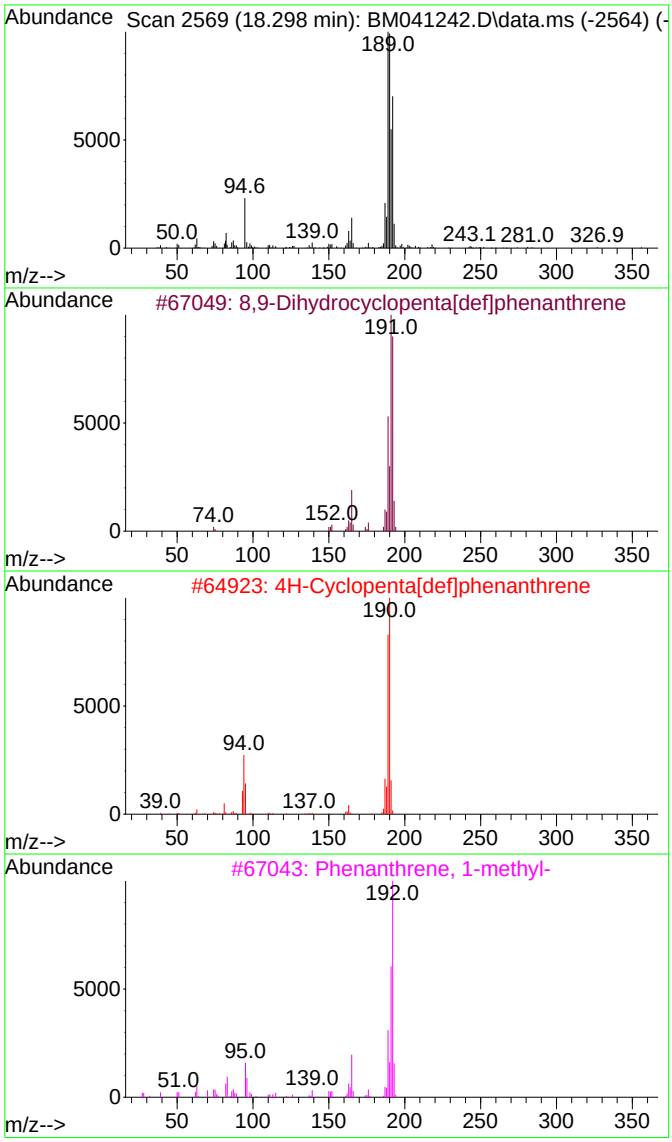
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

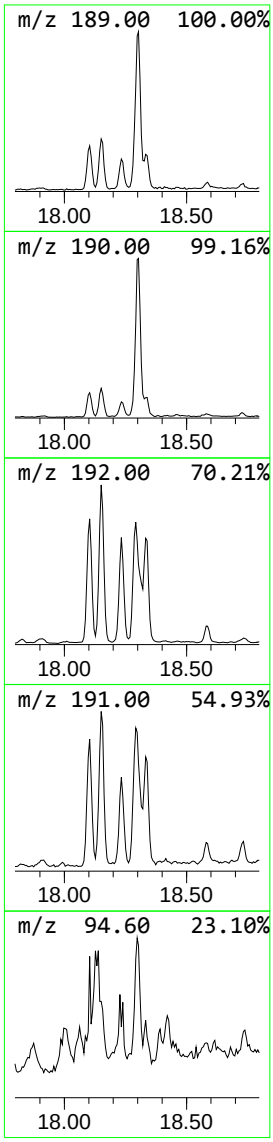
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 8,9-Dihydrocyclopenta[def]p... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.97 ng	457169	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	47
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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

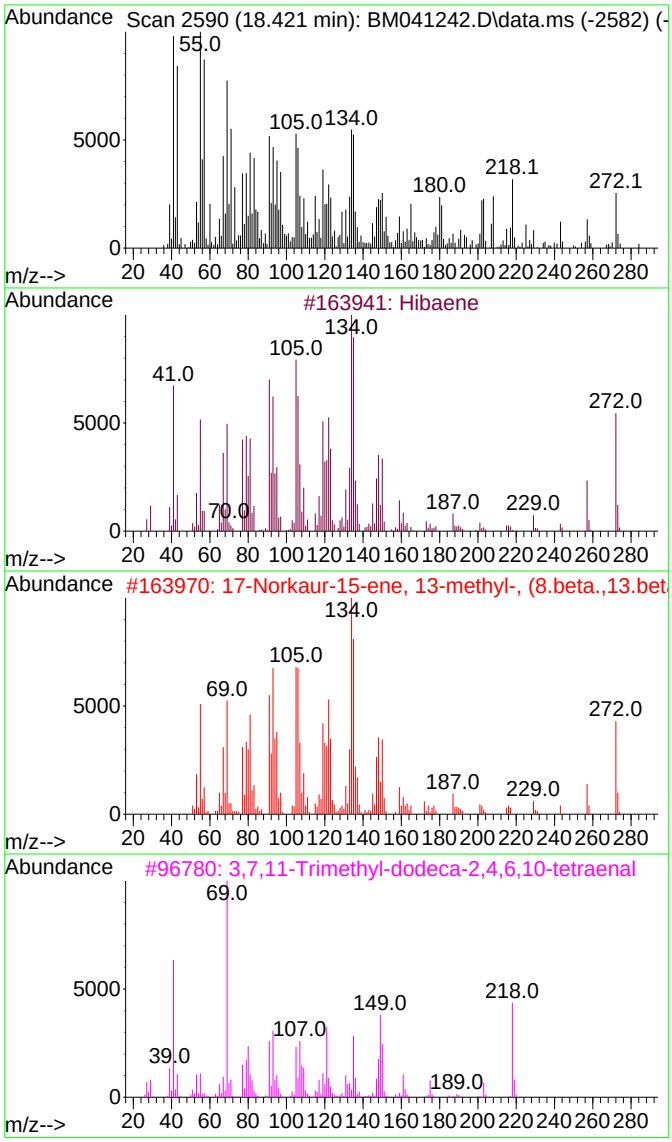
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

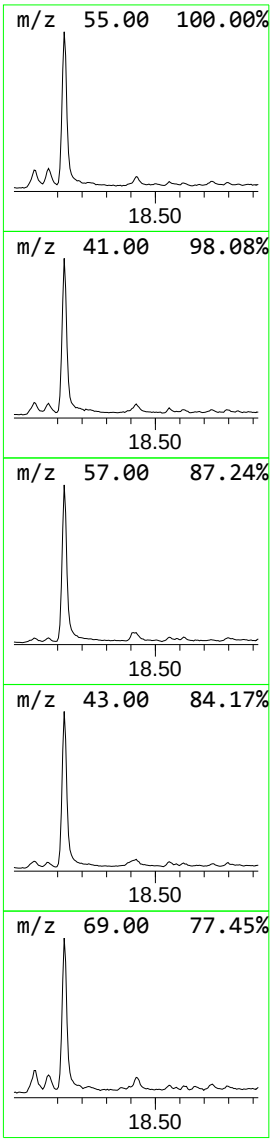
****

Peak Number 4 Hibaene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	2.70 ng	416530	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hibaene	272	C20H32	002359-73-1	95
2	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	30
3	3,7,11-Trimethyl-dodeca-2,4,6,10...	218	C15H22O	013832-89-8	25
4	4-Hydroxy-2-methoxybenzaldehyde,...	208	C12H16O3	1000395-40-7	25
5	Geranyl nitrile	149	C10H15N	101660-61-1	25





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Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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

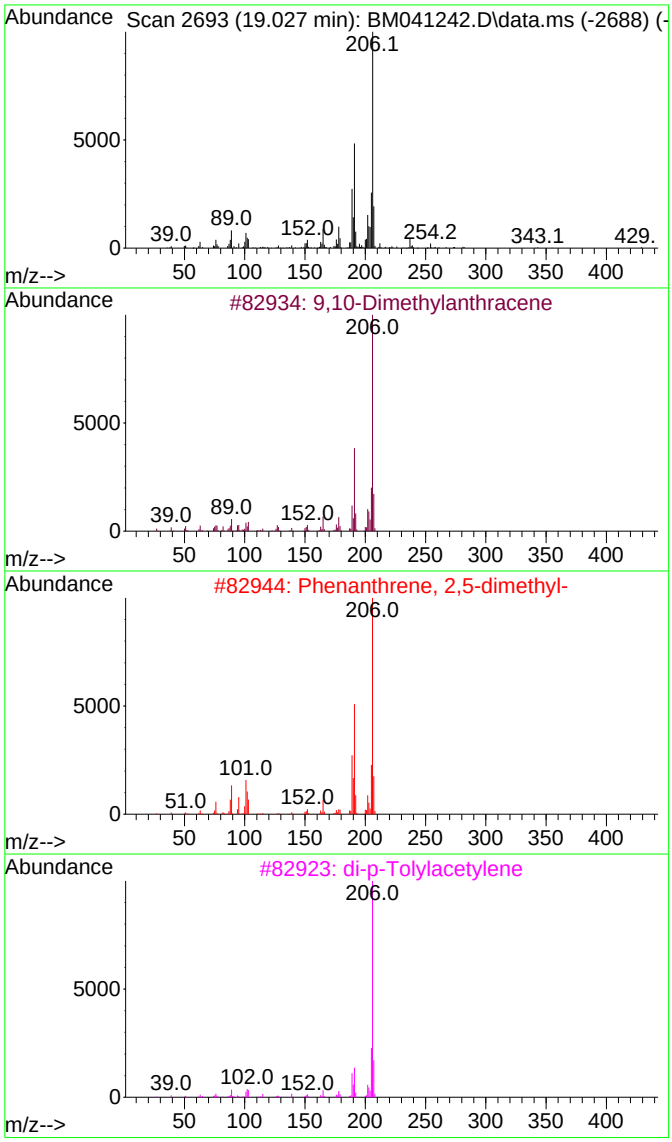
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

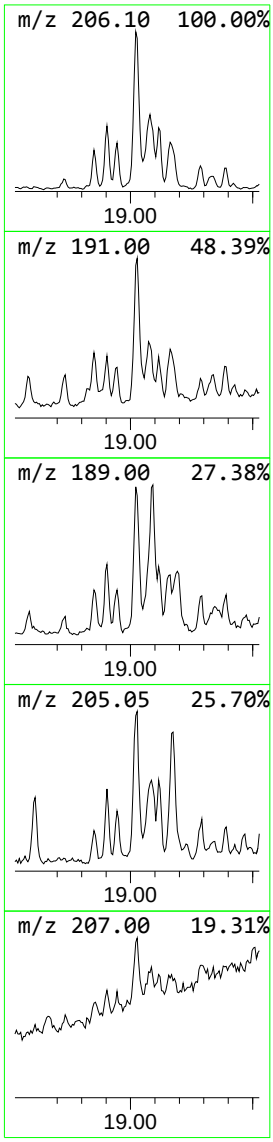
****

Peak Number 5 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	2.39 ng	367880	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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

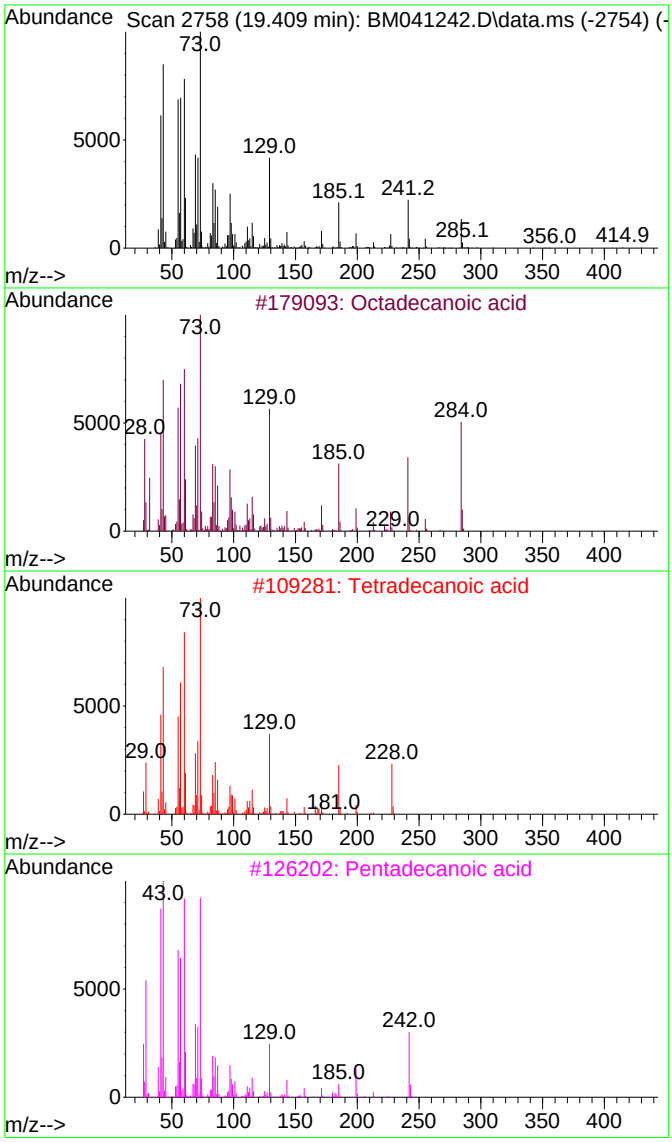
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

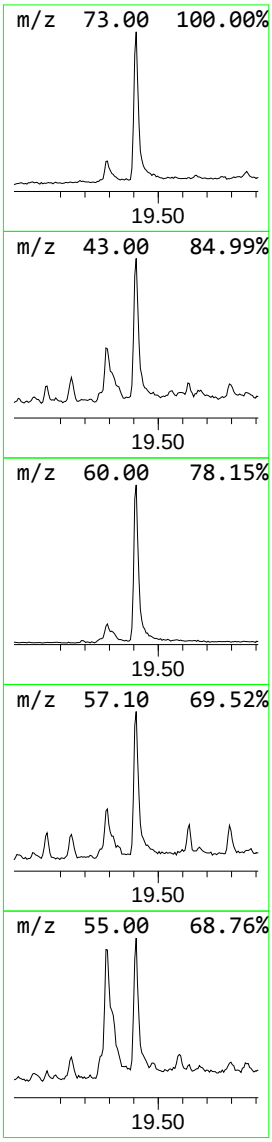
****

Peak Number 6 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.409	3.62 ng	823793	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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

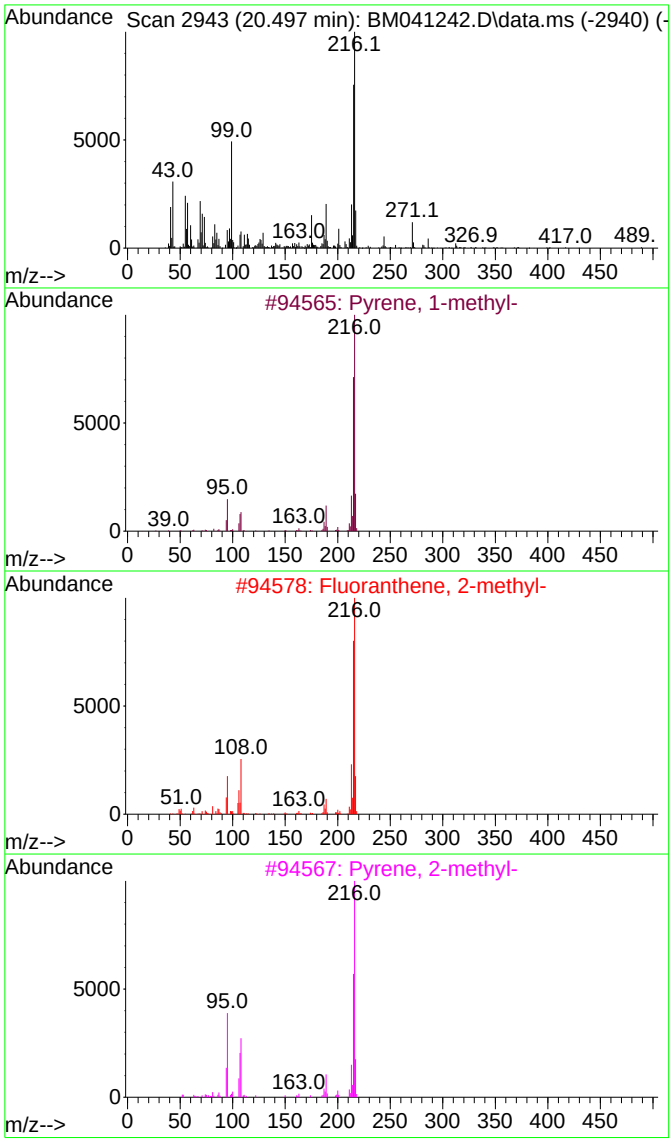
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

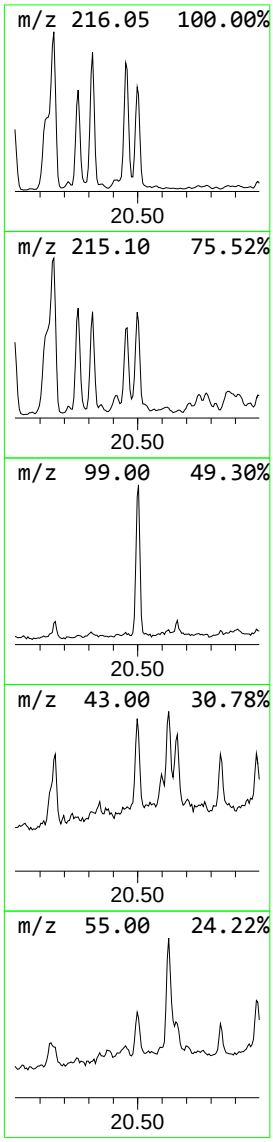
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.497	2.56 ng	581744	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

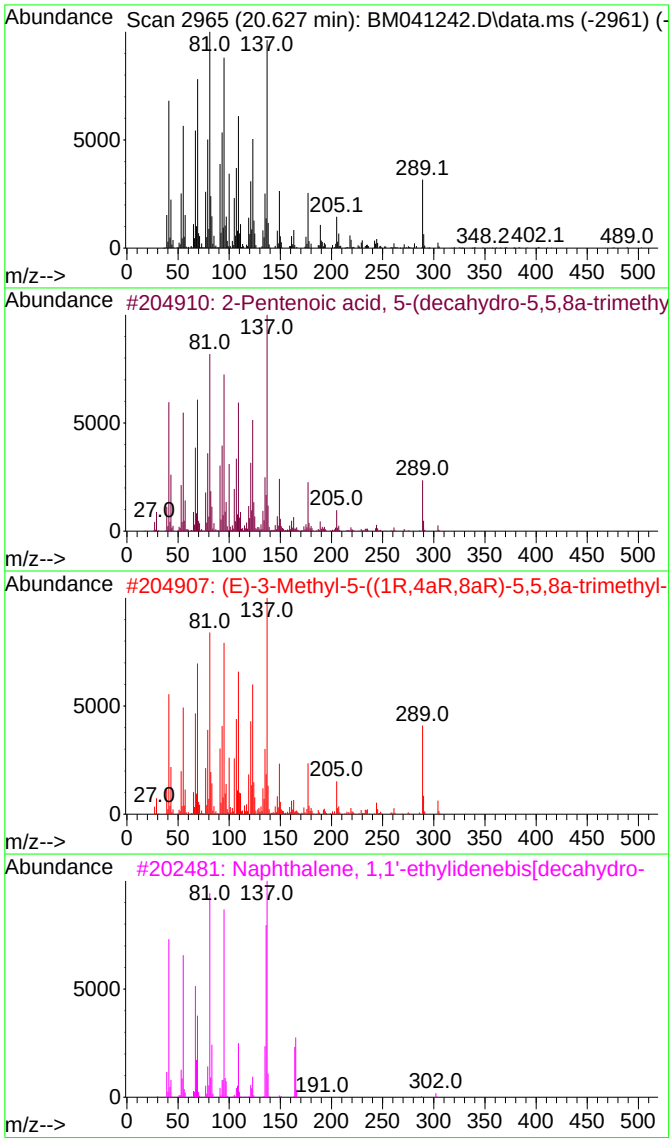
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

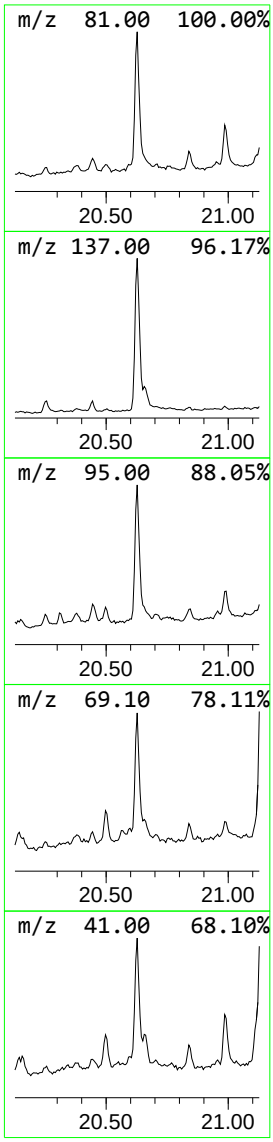
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Pentenoic acid, 5-(decahy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.627	4.15 ng	944328	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	99
2	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5...	304	C20H32O2	020257-75-4	74
3	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	49
4	Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	30
5	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	27





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Data File : BM041242.D
Acq On : 02 Aug 2023 13:25
Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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

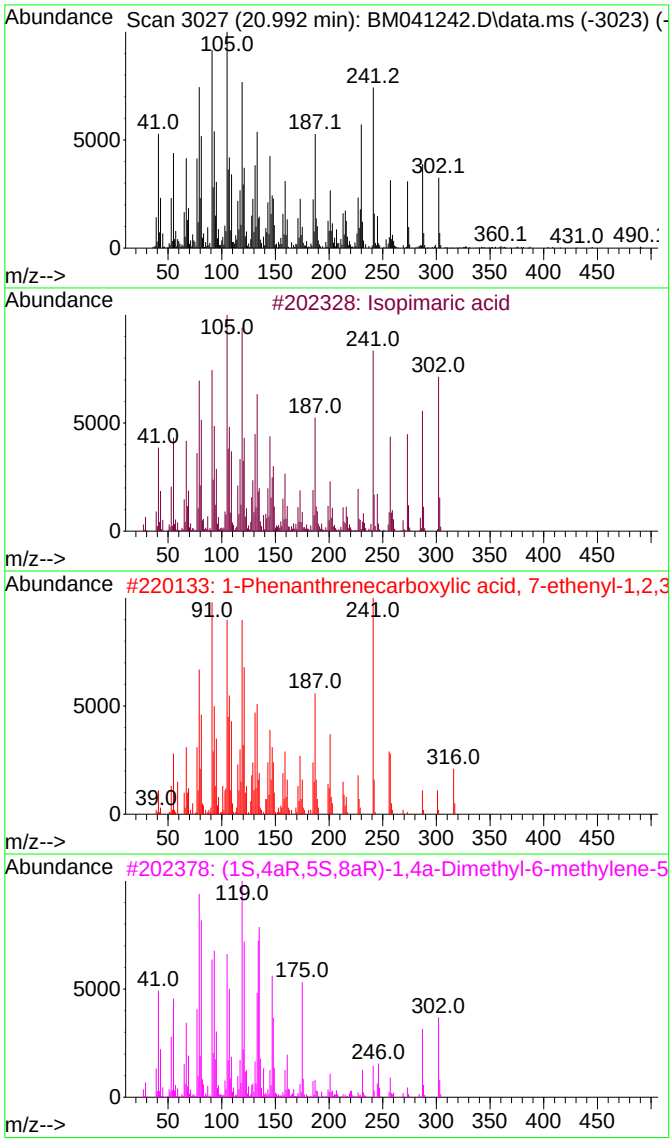
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

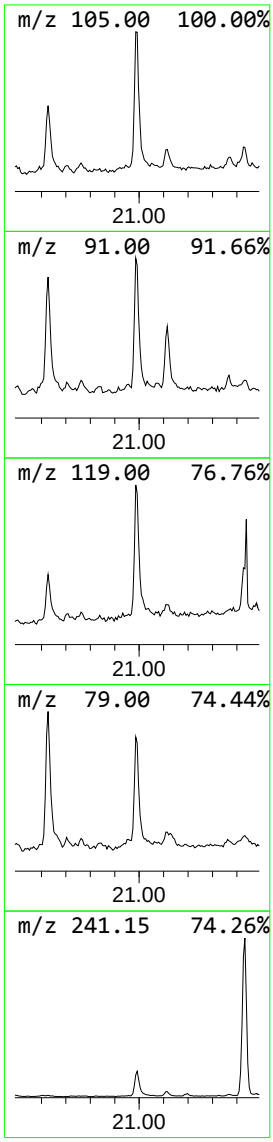
****

Peak Number 9 Isopimaric acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.991	4.15 ng	942840	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopimaric acid	302	C20H30O2	005835-26-7	99
2	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	62
3	(1S,4aR,5S,8aR)-1,4a-Dimethyl-6-...	302	C20H30O2	002761-77-5	18
4	5,10-Pentadecadiyn-1-ol	220	C15H24O	064275-50-9	18
5	10,12-Tricosadiynoic acid, methy...	360	C24H40O2	1010333-59-4	15





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Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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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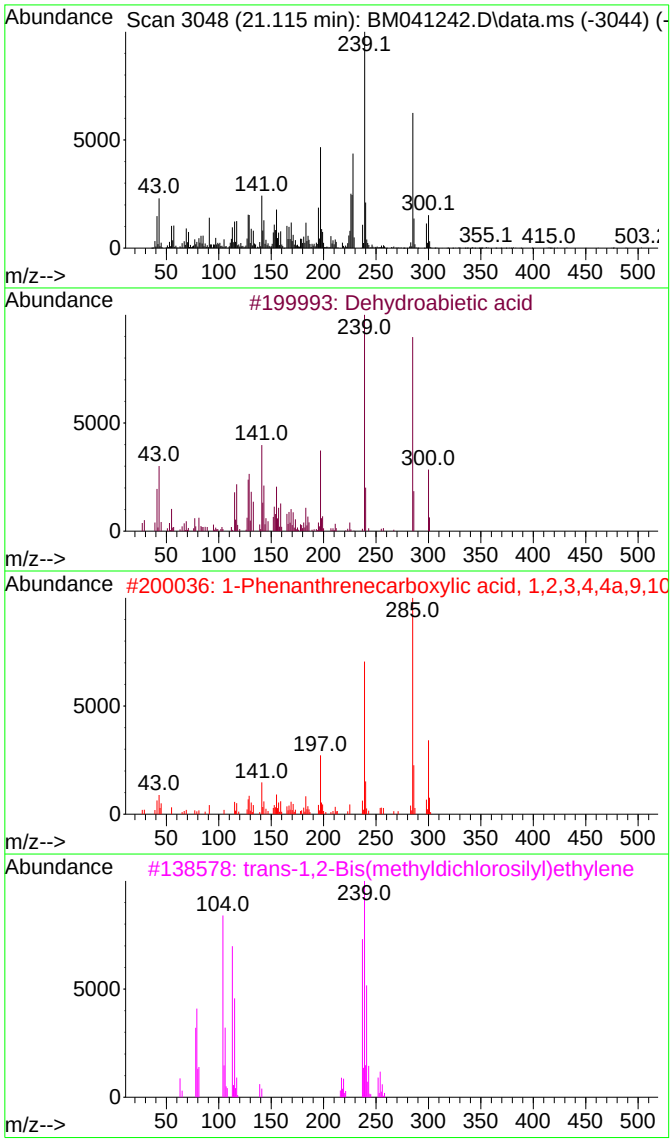
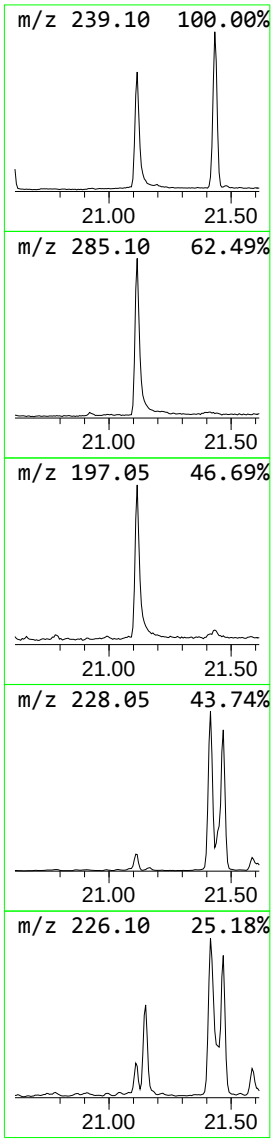
Peak Number 10 Dehydroabietic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.115	4.87 ng	1107890	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	94
3	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	93
4	Trimethylsilyl 2-amino-4-nitrobe...	254	C10H14N2O4Si	1000473-63-5	64
5	Ethyl 4-hydroxy-6-(trifluorometh...	285	C13H10F3NO3	026893-12-9	45





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Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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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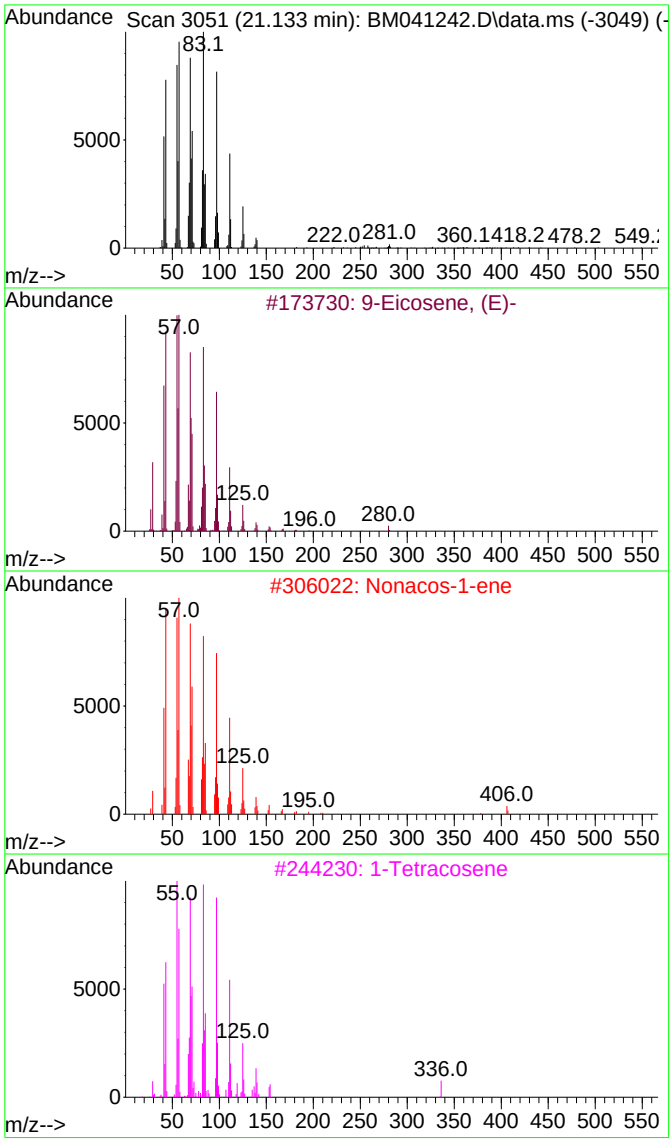
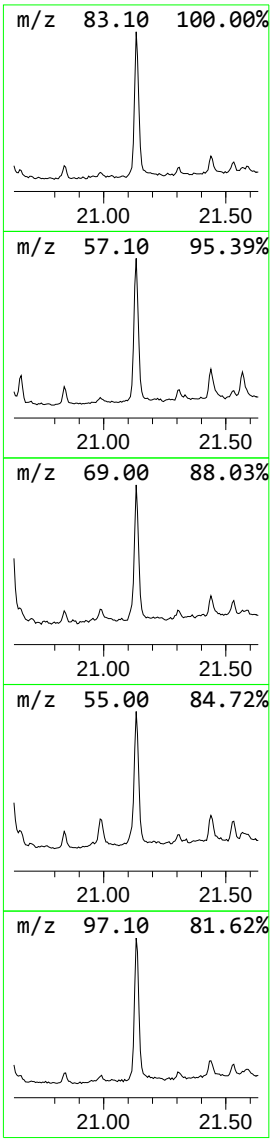
Peak Number 11 9-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	6.84 ng	1554330	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
2	Nonacos-1-ene	406	C29H58	018835-35-3	94
3	1-Tetracosene	336	C24H48	010192-32-2	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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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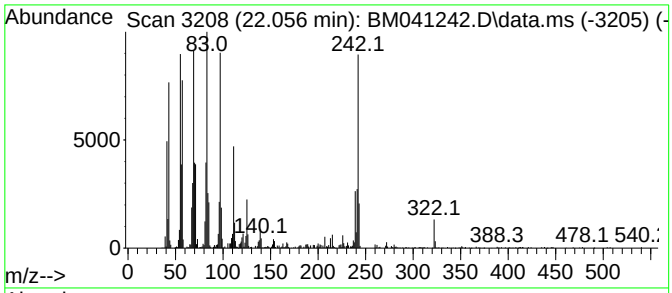
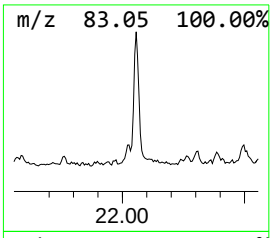
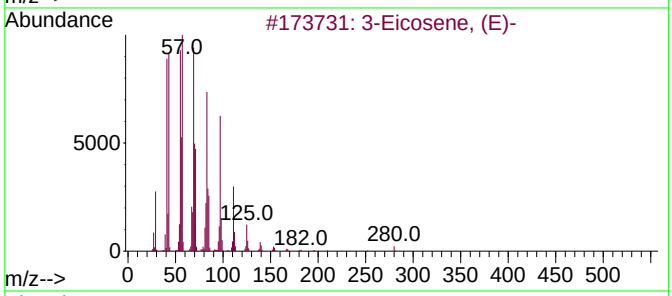
Peak Number 12 3-Eicosene, (E)- Concentration Rank 9

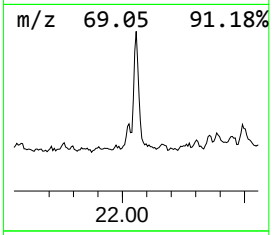
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.056	4.10 ng	931295	Chrysene-d12	21.433

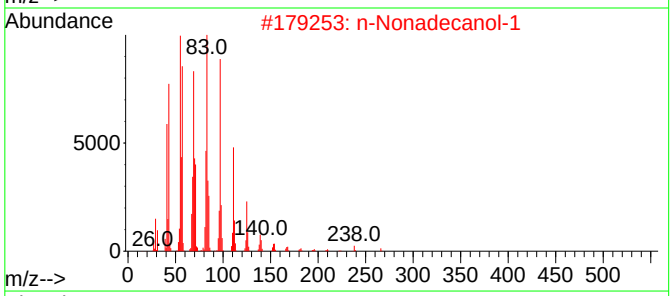
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	Cyclopentadecane	210	C15H30	000295-48-7	89
4	1-Heneicosanol	312	C21H44O	015594-90-8	87
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	87

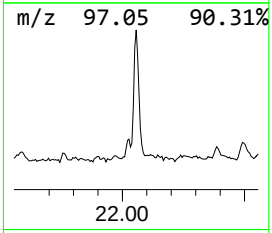


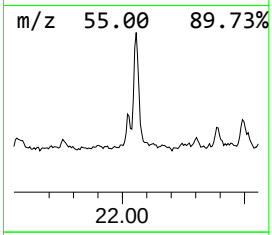


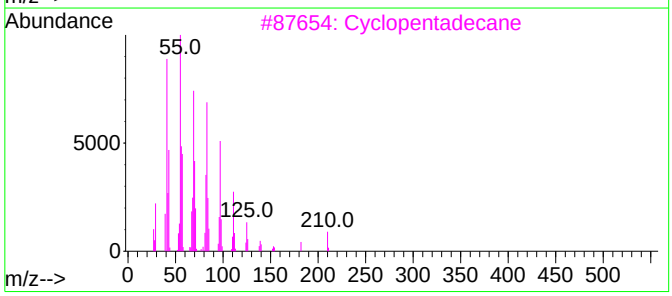


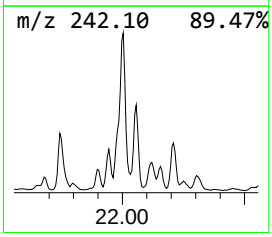












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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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

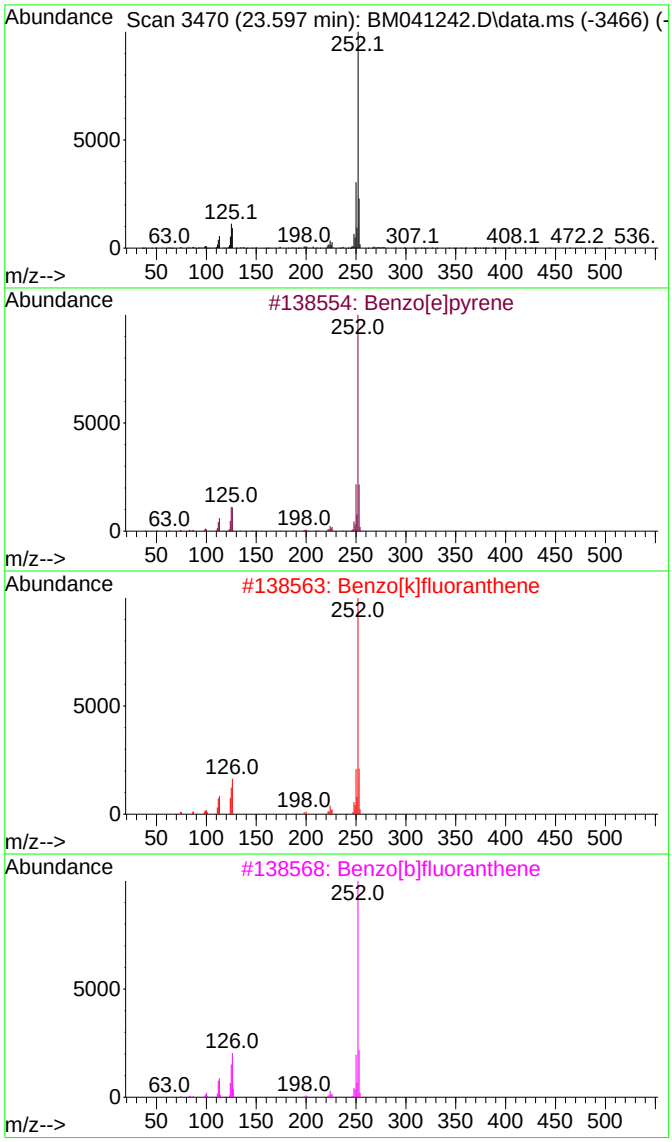
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

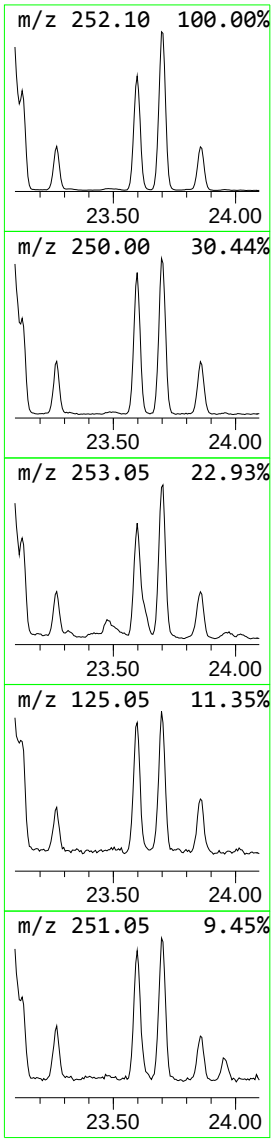
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.597	10.17 ng	976800	Perylene-d12	23.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Operator : MA/JU
Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

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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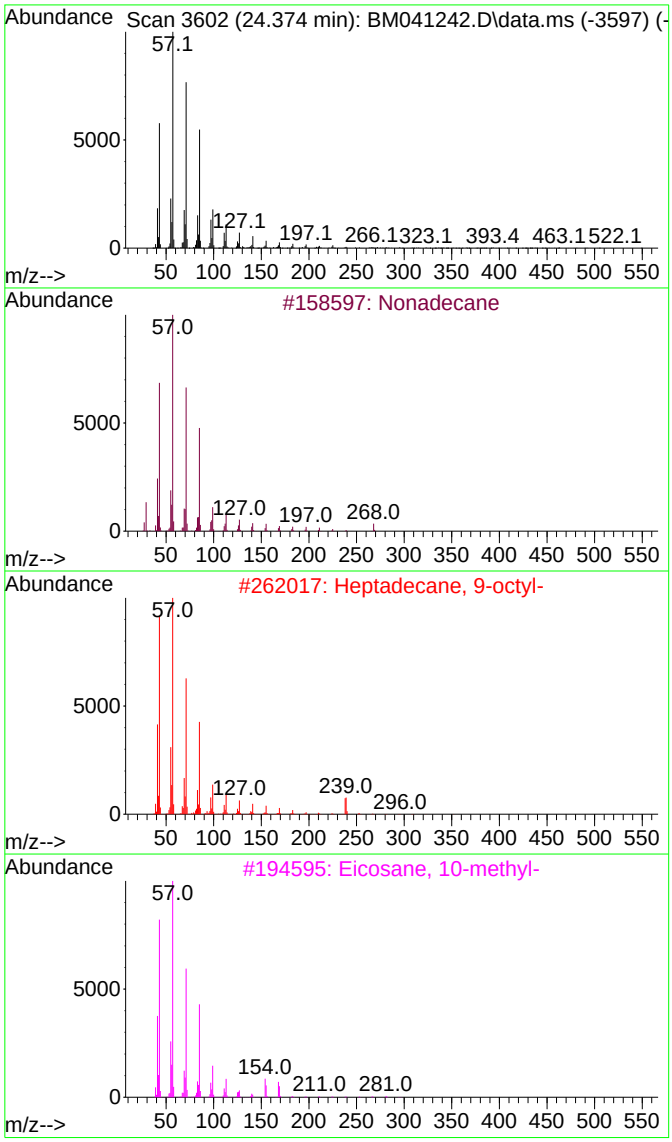
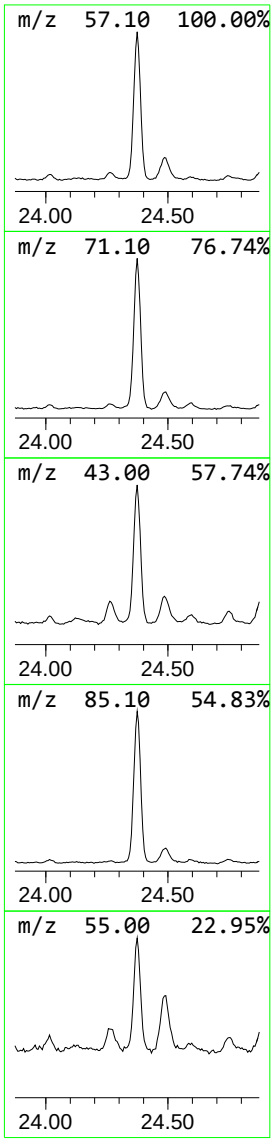
Peak Number 14 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.374	20.38 ng	1957770	Perylene-d12	23.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Octacosane	394	C28H58	000630-02-4	91





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Acq On : 02 Aug 2023 13:25
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Sample : 03795-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-OU3-DENALI-TEMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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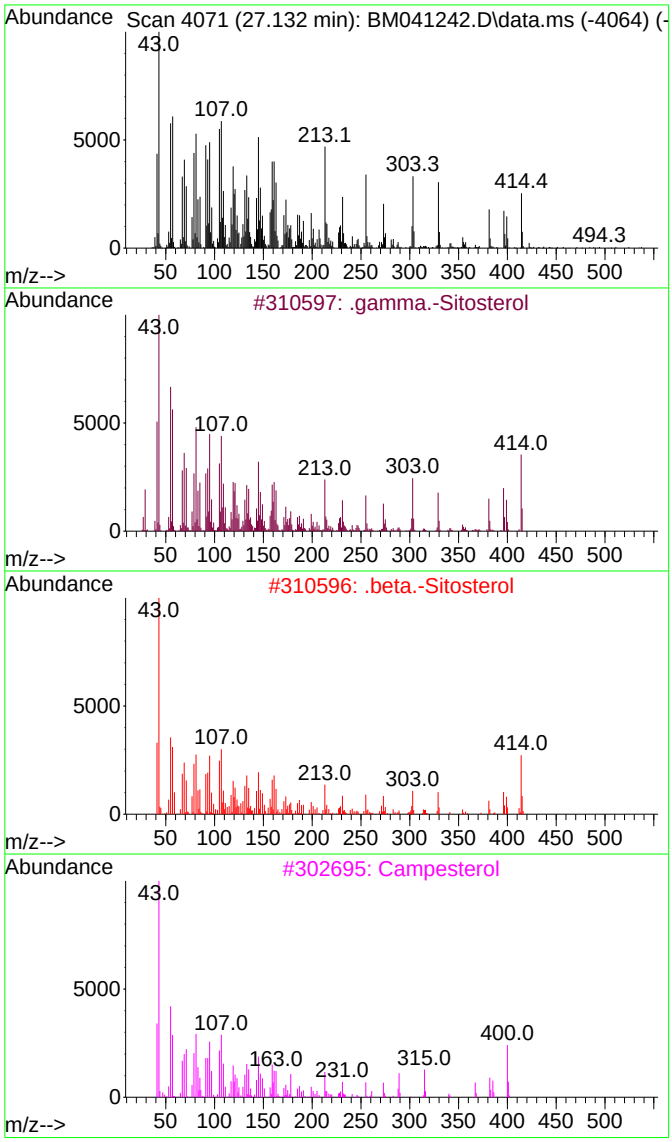
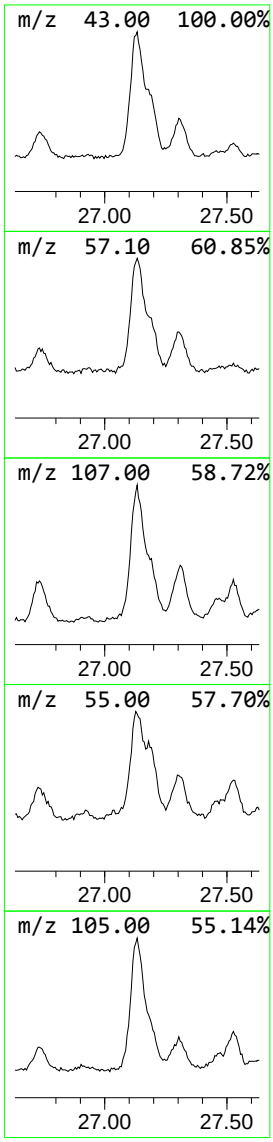
Peak Number 15 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.132	49.25 ng	4731330	Perylene-d12	23.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
3	Campesterol	400	C28H48O	000474-62-4	64
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	64
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041242.D
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Misc :
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TOPSOIL-OU3-DENALI-TEMP

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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
cis-7-Hexadecen...	18.003	2.3	ng	357545	4	17.221	3081250	20.0
n-Hexadecanoic ...	18.127	24.4	ng	3758320	4	17.221	3081250	20.0
8,9-Dihydrocycl...	18.298	3.0	ng	457169	4	17.221	3081250	20.0
Hibaene	18.421	2.7	ng	416530	4	17.221	3081250	20.0
9,10-Dimethylan...	19.027	2.4	ng	367880	4	17.221	3081250	20.0
Octadecanoic acid	19.409	3.6	ng	823793	5	21.433	4547460	20.0
Pyrene, 1-methyl-	20.497	2.6	ng	581744	5	21.433	4547460	20.0
2-Pentenoic aci...	20.627	4.2	ng	944328	5	21.433	4547460	20.0
Isopimaric acid	20.991	4.2	ng	942840	5	21.433	4547460	20.0
Dehydroabietic ...	21.115	4.9	ng	1107890	5	21.433	4547460	20.0
9-Eicosene, (E)-	21.133	6.8	ng	1554330	5	21.433	4547460	20.0
3-Eicosene, (E)-	22.056	4.1	ng	931295	5	21.433	4547460	20.0
Benzo[e]pyrene	23.597	10.2	ng	976800	6	23.809	1921480	20.0
Nonadecane	24.374	20.4	ng	1957770	6	23.809	1921480	20.0
.gamma.-Sitosterol	27.132	49.3	ng	4731330	6	23.809	1921480	20.0