LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

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_G\Methods\8270-BG061323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057707.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.137	3	8	24	rVB	126701	253626	18.00%	1.918%
2	4.136	174	178	184	rBV	8860	14492	1.03%	0.110%
3	5.053	328	334	340	rVB	21564	33366	2.37%	0.252%
4	5.511	405	412	424	rVB	519588	822408	58.36%	6.221%
5	7.097	671	682	691	rBV	536386	908252	64.45%	6.870%
6	7.937	818	825	832	rBV	167396	279557	19.84%	2.115%
7	9.101	1014	1023	1032	rBV	279782	488166	34.64%	3.693%
8	10.740	1292	1302	1310	rBV	227060	407503	28.92%	3.082%
9	13.196	1712	1720	1727	rBV	719569	1103558	78.31%	8.348%
10	14.571	1947	1954	1961	rVB	340213	522771	37.10%	3.954%
11	15.922	2178	2184	2191	rBV	97292	138221	9.81%	1.046%
12	16.051	2200	2206	2216	rBV	548005	801158	56.85%	6.060%
13	17.315	2414	2421	2427	rBV	427188	637849	45.26%	4.825%
14	17.403	2432	2436	2441	rVV3	16281	21618	1.53%	0.164%
15	18.208	2567	2573	2581	rBV2	47383	76797	5.45%	0.581%
16	18.513	2618	2625	2632	rBV6	5217	14803	1.05%	0.112%
17	19.424	2776	2780	2784	rVB2	14673	18586	1.32%	0.141%
18	19.477	2784	2789	2795	rBV5	16562	29095	2.06%	0.220%
19	19.665	2818	2821	2825	rBV2	32749	35822	2.54%	0.271%
20	19.712	2825	2829	2838	rVB2	24048	36840	2.61%	0.279%
21	19.882	2854	2858	2861	rBV2	30672	36791	2.61%	0.278%
22	19.929	2861	2866	2871	rVV	1096323	1409145	100.00%	10.659%
23	20.205	2910	2913	2916	rBV5	12676	16327	1.16%	0.124%
24	20.246	2916	2920	2925	rVB	59809	69509	4.93%	0.526%
25	20.570	2971	2975	2978	rVB4	13650	17711	1.26%	0.134%
26	20.734	2997	3003	3008	rBV	97458	122536	8.70%	0.927%
27	20.916	3030	3034	3038	rVB3	16697	21625	1.53%	0.164%
28	21.234	3083	3088	3095	rVB2	200975	314393	22.31%	2.378%
29	21.568	3138	3145	3151	rBV	404105	651766	46.25%	4.930%
30	21.780	3173	3181	3188	rVB	147092	224463	15.93%	1.698%
31	22.379	3277	3283	3292	rBV	173035	311088	22.08%	2.353%
32	23.067	3392	3400	3412	rVB	138977	277376	19.68%	2.098%
33	23.255	3426	3432	3438	rVB	36658	70422	5.00%	0.533%
34	23.719	3506	3511	3514	rBV5	8794	16417	1.17%	0.124%
35	23.866	3527	3536	3550	rBV	163142	386318	27.42%	2.922%
36	24.442	3629	3634	3639	rVB7	9058	17581	1.25%	0.133%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

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_G\Methods\8270-BG061323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	24.729	3673	3683	3690	rBV	237826	677924	48.11%	5.128%
38	24.800	3690	3695	3705	rVB2	87224	223395	15.85%	1.690%
39	25.928	3878	3887	3898	rBV	76459	238955	16.96%	1.808%
40	26.040	3898	3906	3919	rVB7	24453	88843	6.30%	0.672%
41	26.469	3969	3979	3988	rBV8	52199	166014	11.78%	1.256%
42	26.915	4046	4055	4060	rBV8	20234	63122	4.48%	0.477%
43	26.997	4061	4069	4080	rVB8	40163	136072	9.66%	1.029%
44	27.268	4105	4115	4128	rBV4	42360	157402	11.17%	1.191%
45	28.895	4378	4392	4406	rBV5	42305	201338	14.29%	1.523%
46	29.371	4460	4473	4497	rVB5	45977	245610	17.43%	1.858%
47	29.994	4567	4579	4592	rBV10	66433	315414	22.38%	2.386%
48	30.258	4619	4624	4633	rVB10	12882	38417	2.73%	0.291%
49	30.805	4708	4717	4718	rBV6	32700	59655	4.23%	0.451%

Sum of corrected areas: 13220117

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
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Operator : CG/JU
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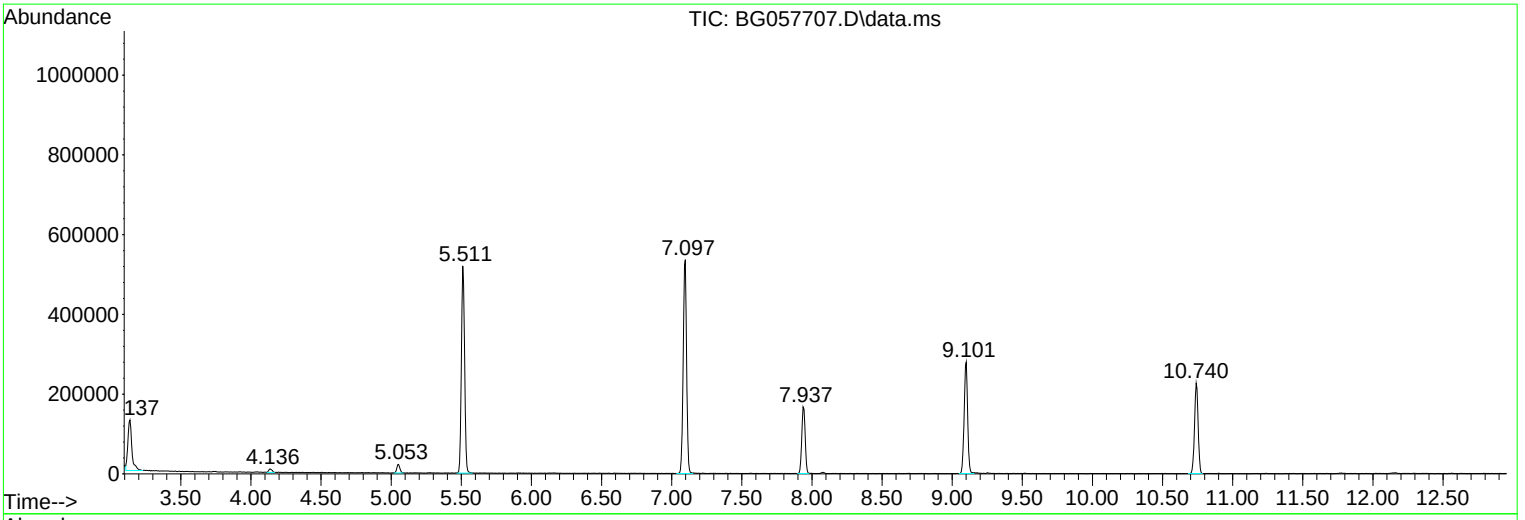
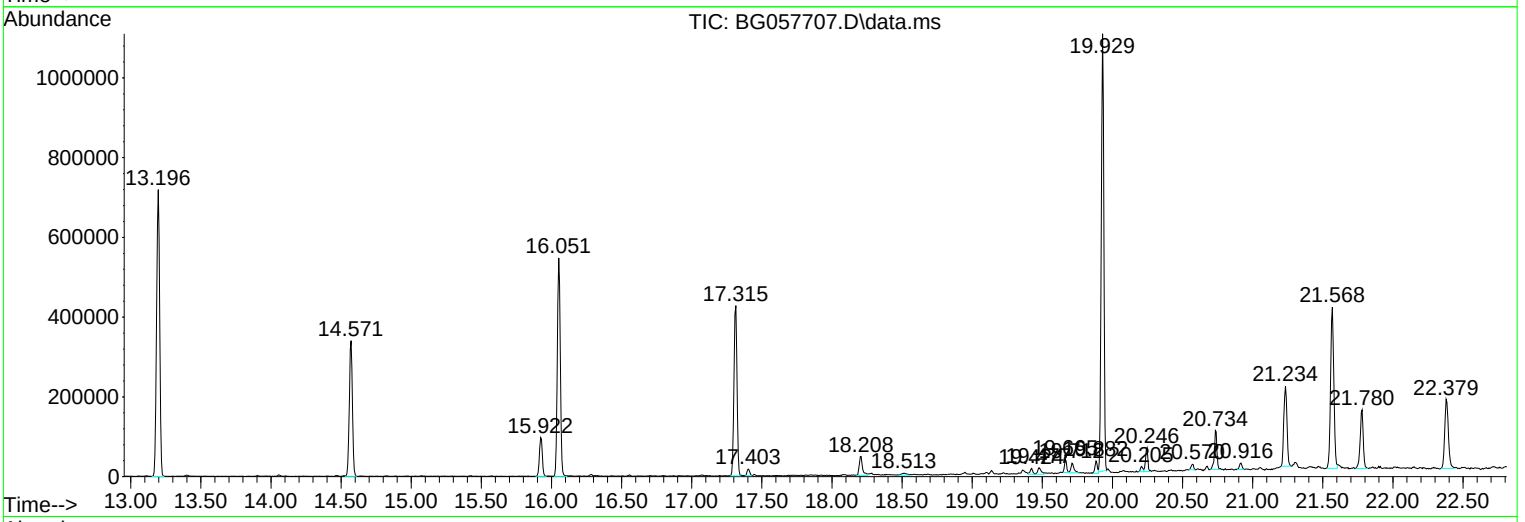
Misc :
ALS Vial : 8 Sample Multiplier: 1

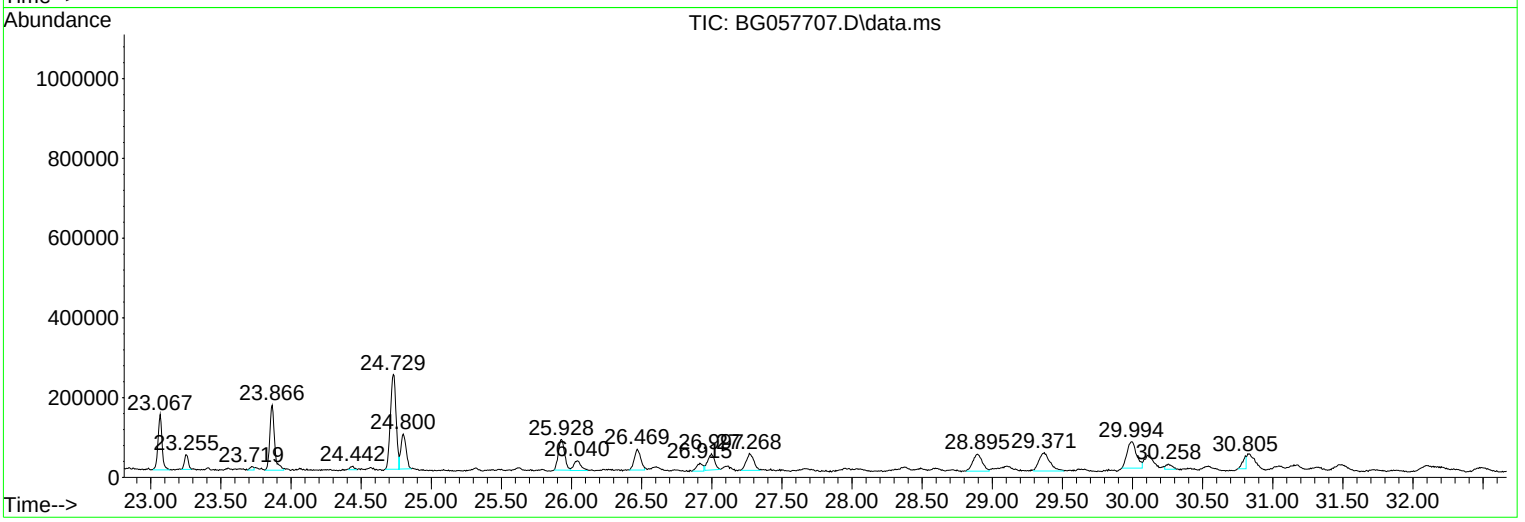
Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.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_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

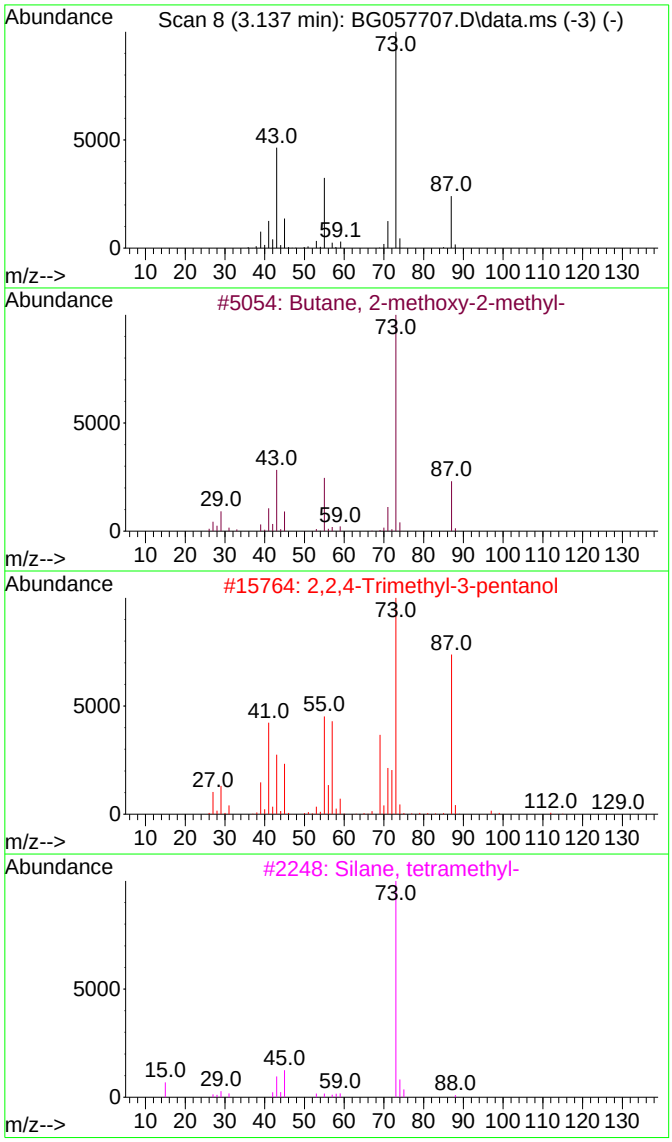
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

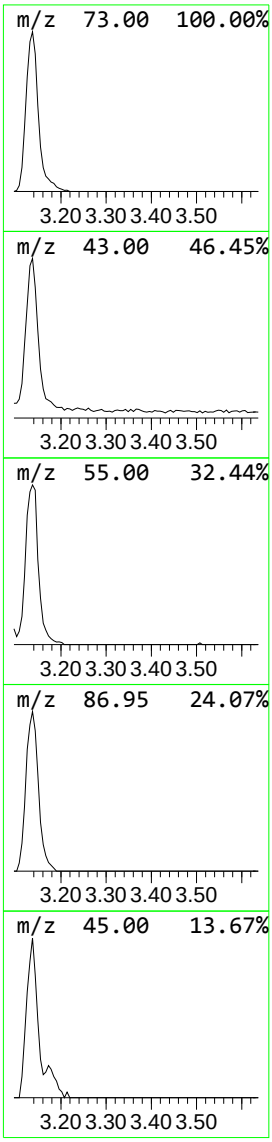
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.137	18.14 ng	253626	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

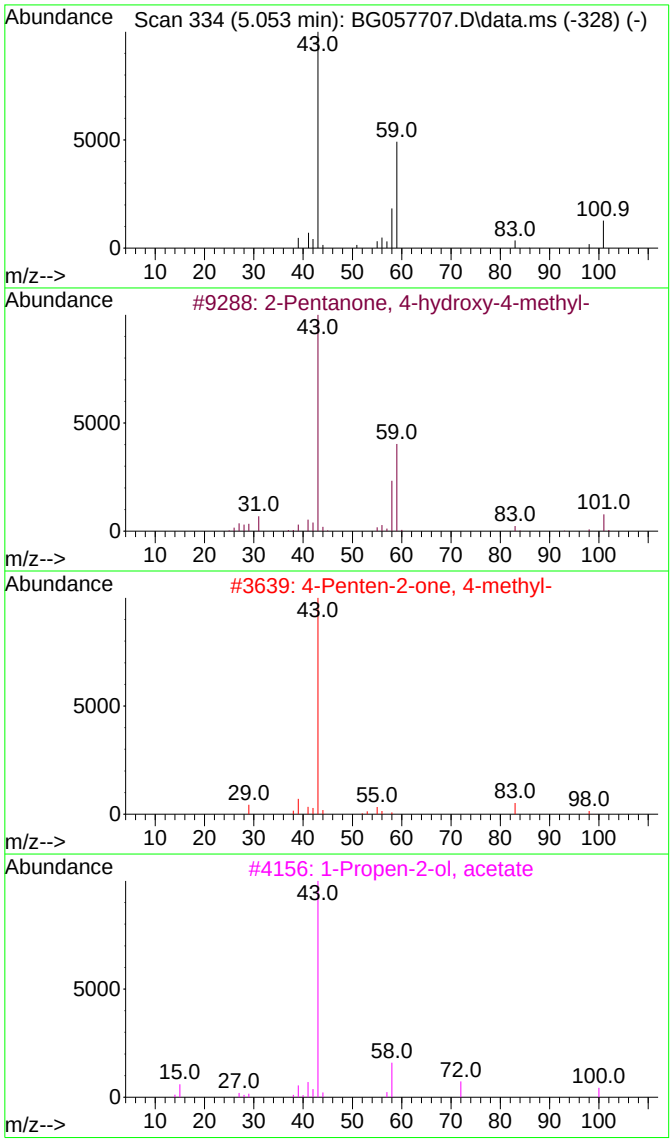
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

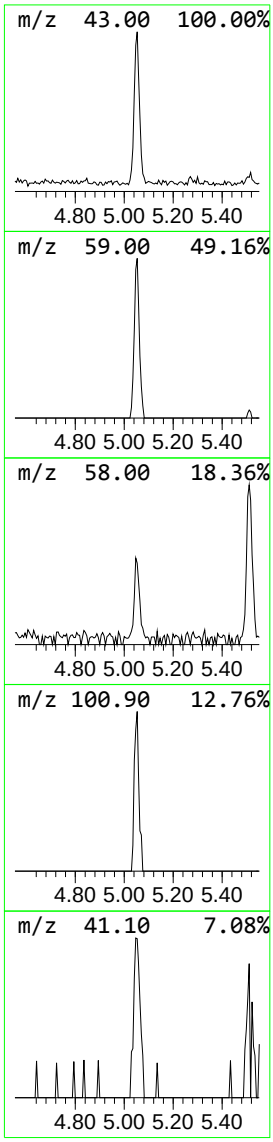
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.053	2.39 ng	33366	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	12
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
5	Diacetamide	101	C4H7NO2	000625-77-4	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

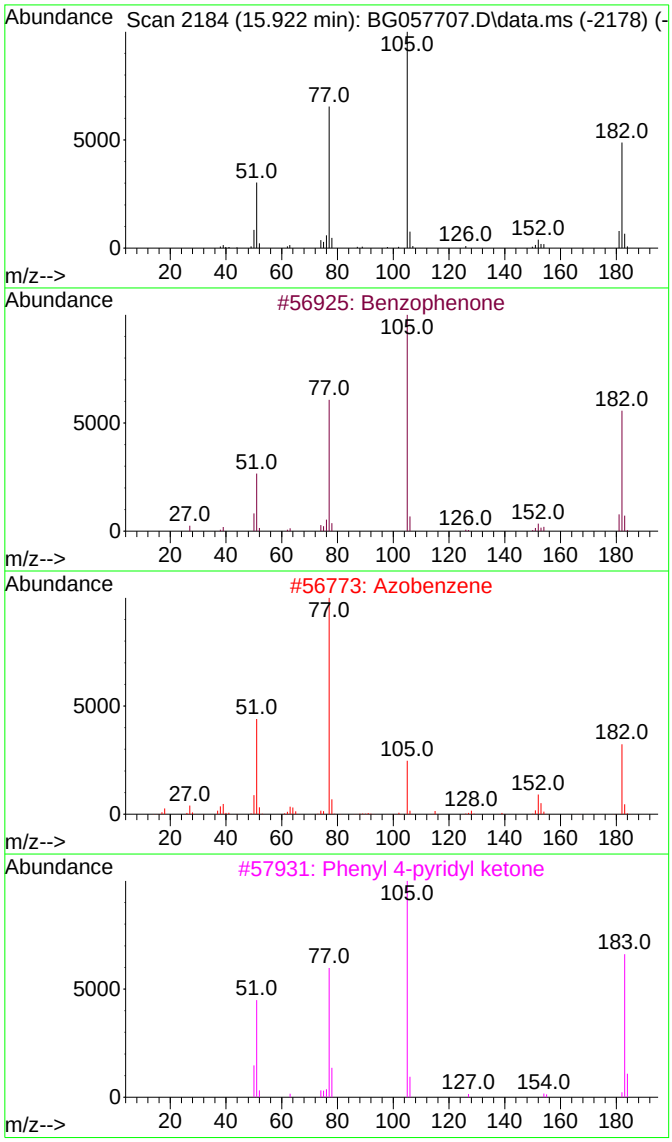
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

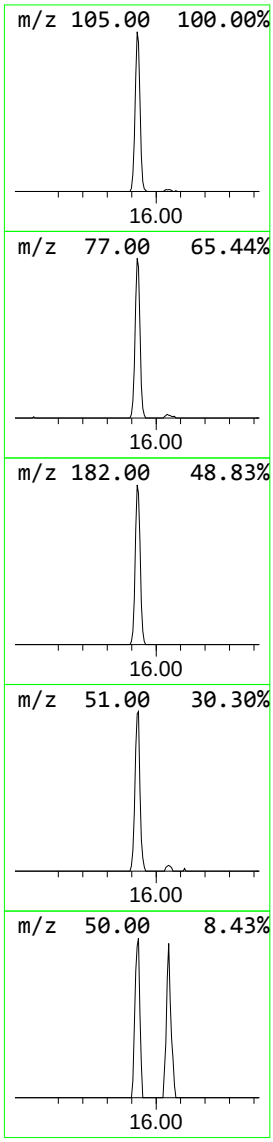
****

Peak Number 3 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.922	5.29 ng	138221	Acenaphthene-d10	14.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
4	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

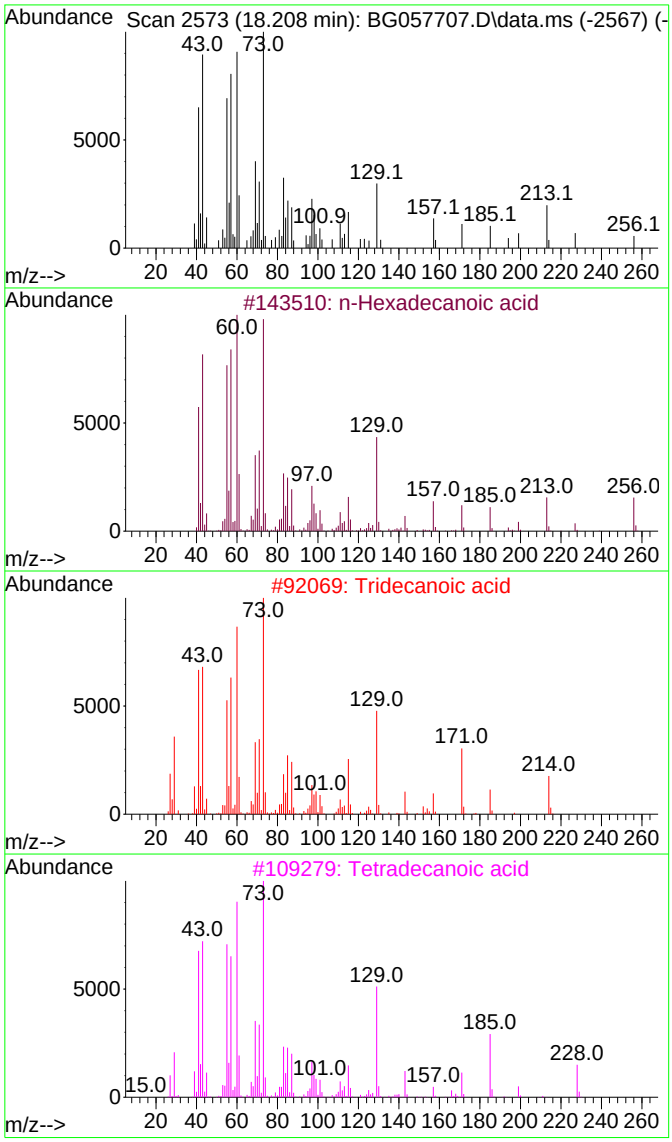
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

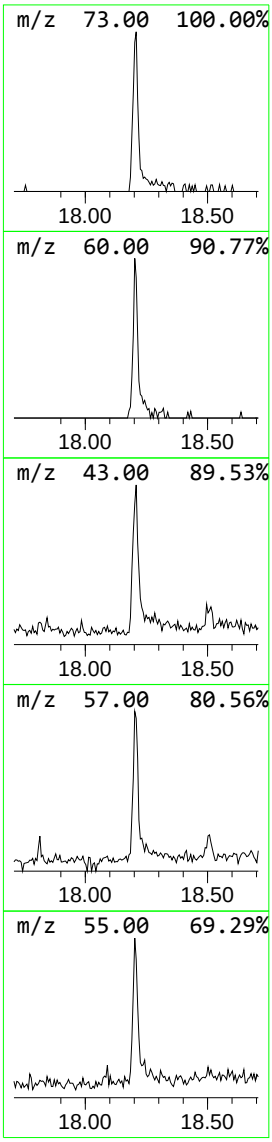
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.208	2.41 ng	76797	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

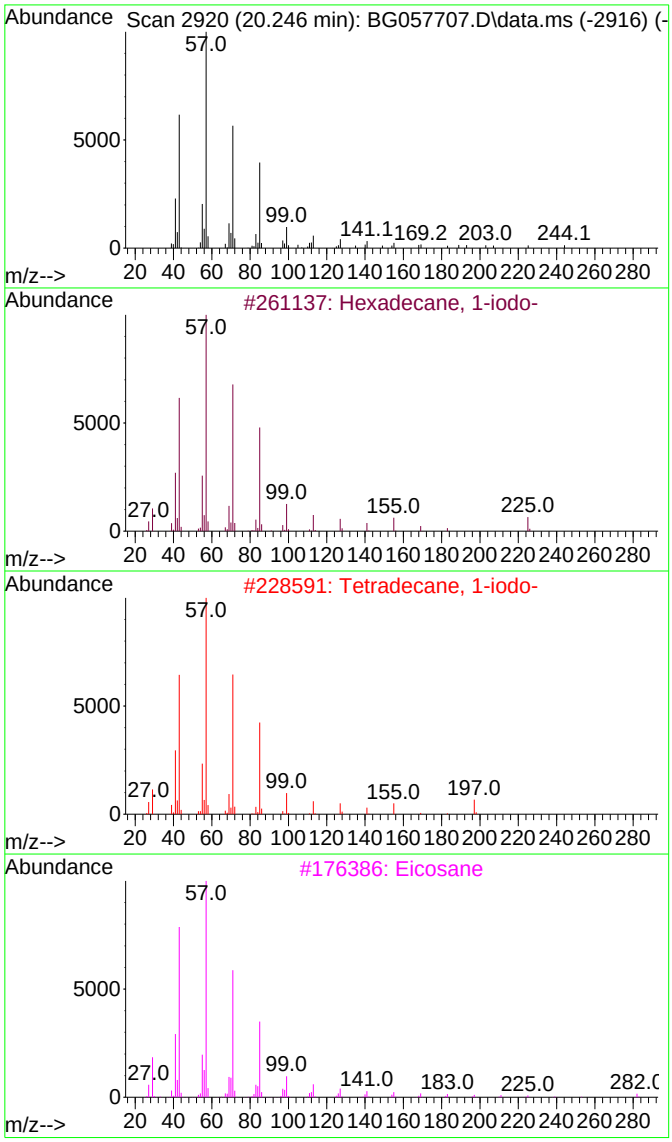
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

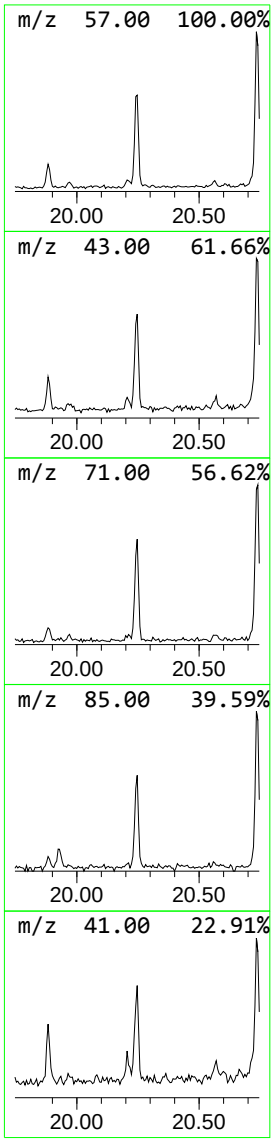
****

Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.247	2.13 ng	69509	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

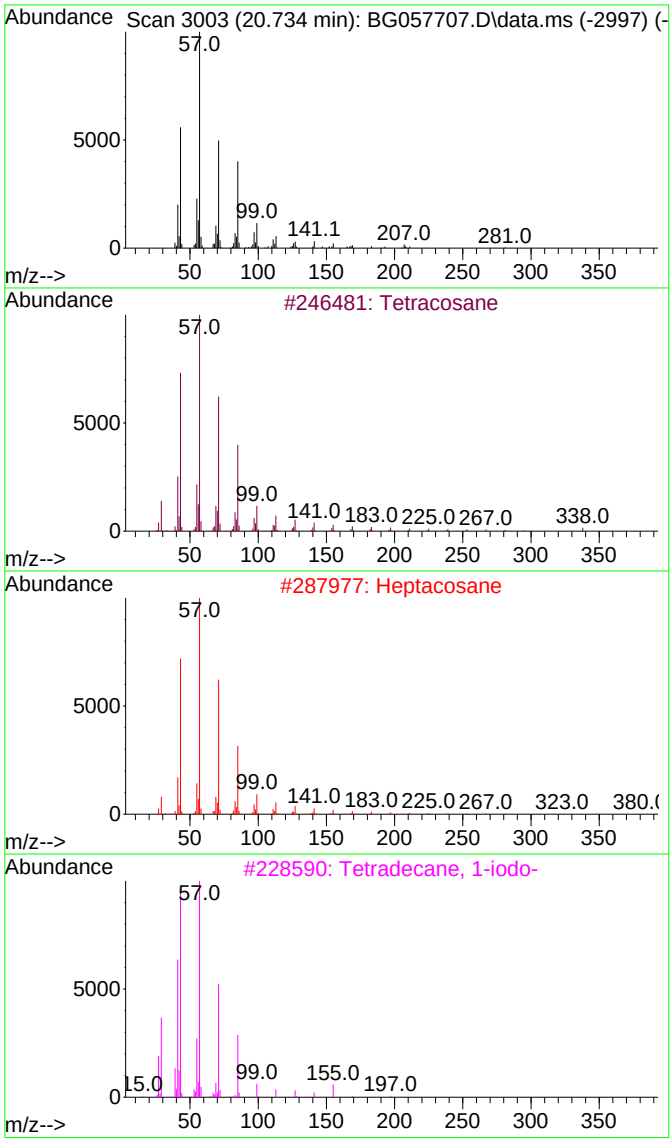
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

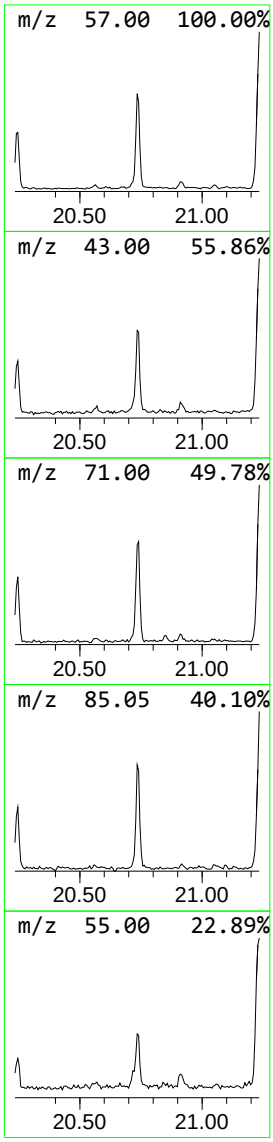
****

Peak Number 6 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.734	3.76 ng	122536	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

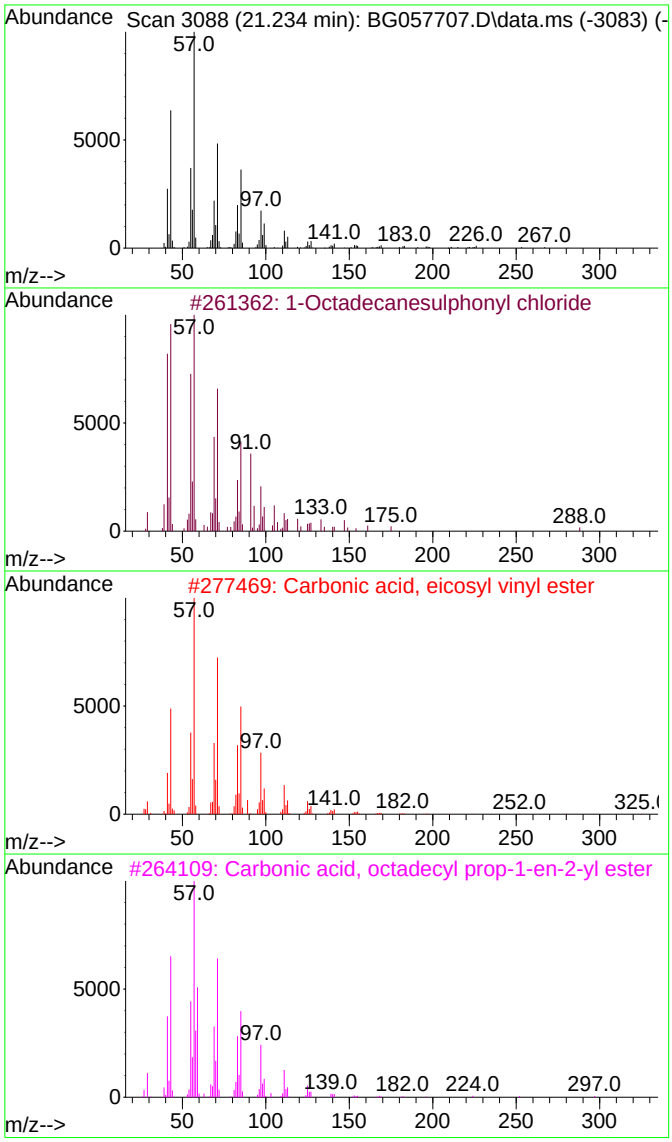
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

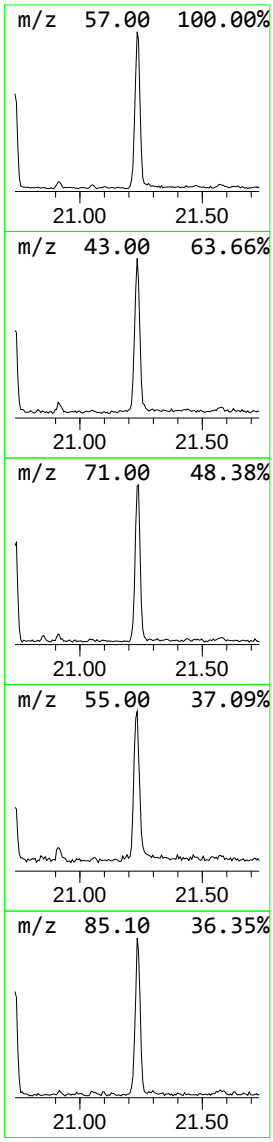
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	9.65 ng	314393	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

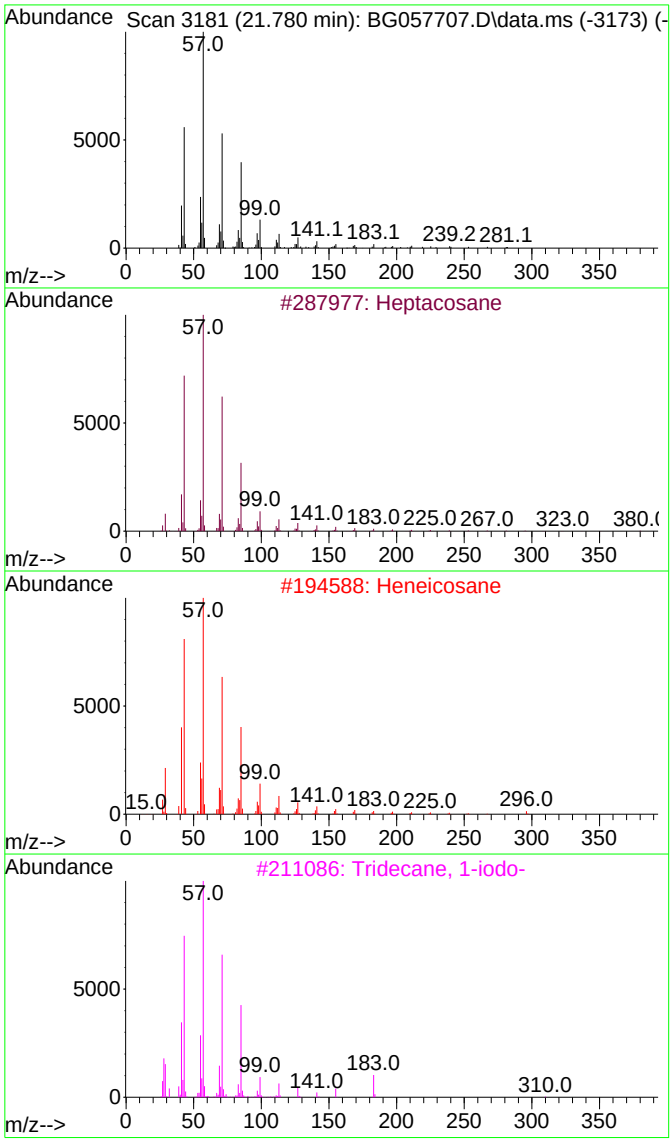
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

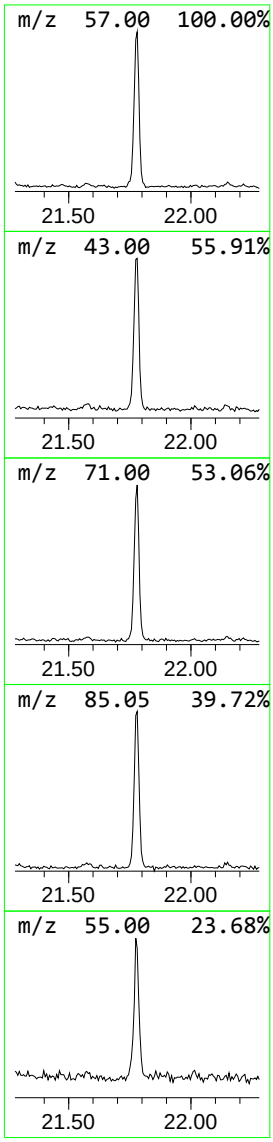
****

Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.780	6.89 ng	224463	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Pentadecane	212	C15H32	000629-62-9	87





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Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.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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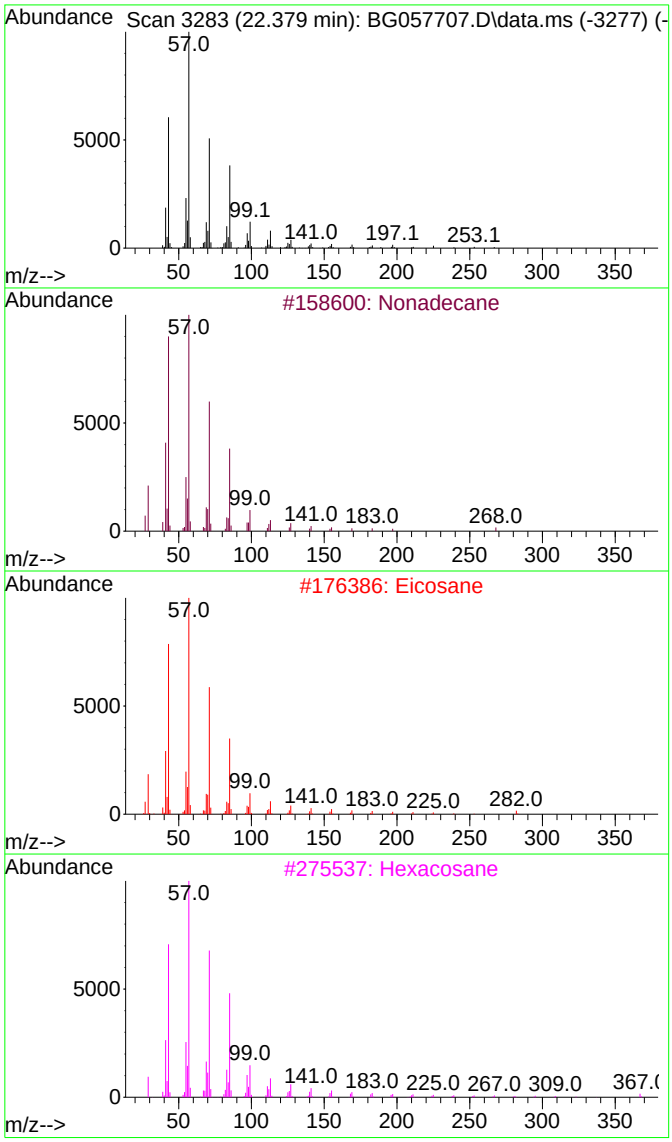
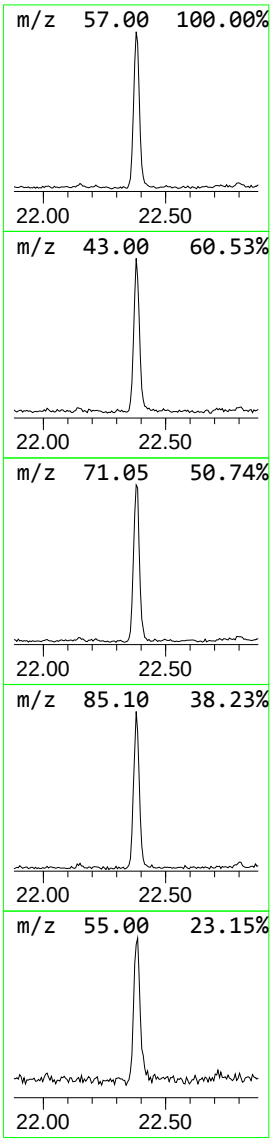
Peak Number 9 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.379	9.55 ng	311088	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Misc :
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Instrument :
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ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.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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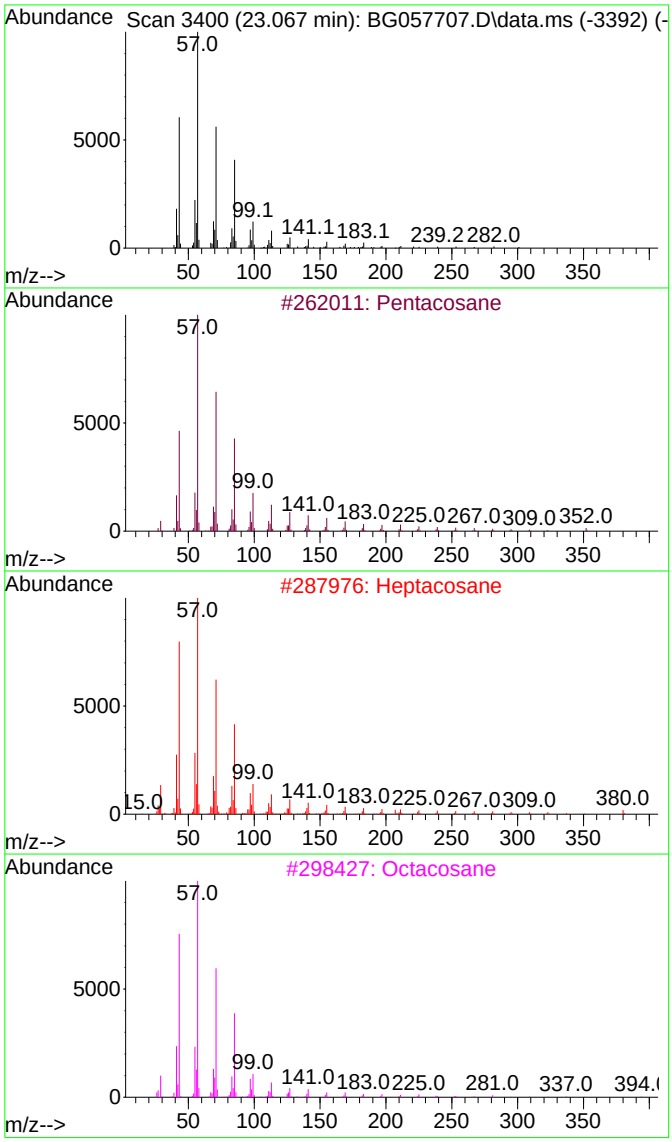
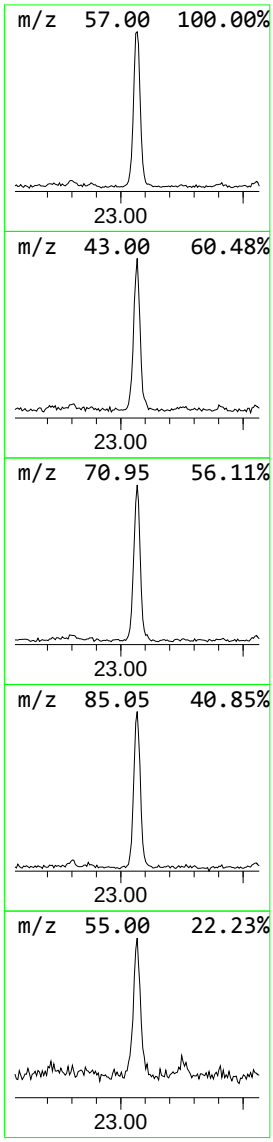
Peak Number 10 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.067	8.51 ng	277376	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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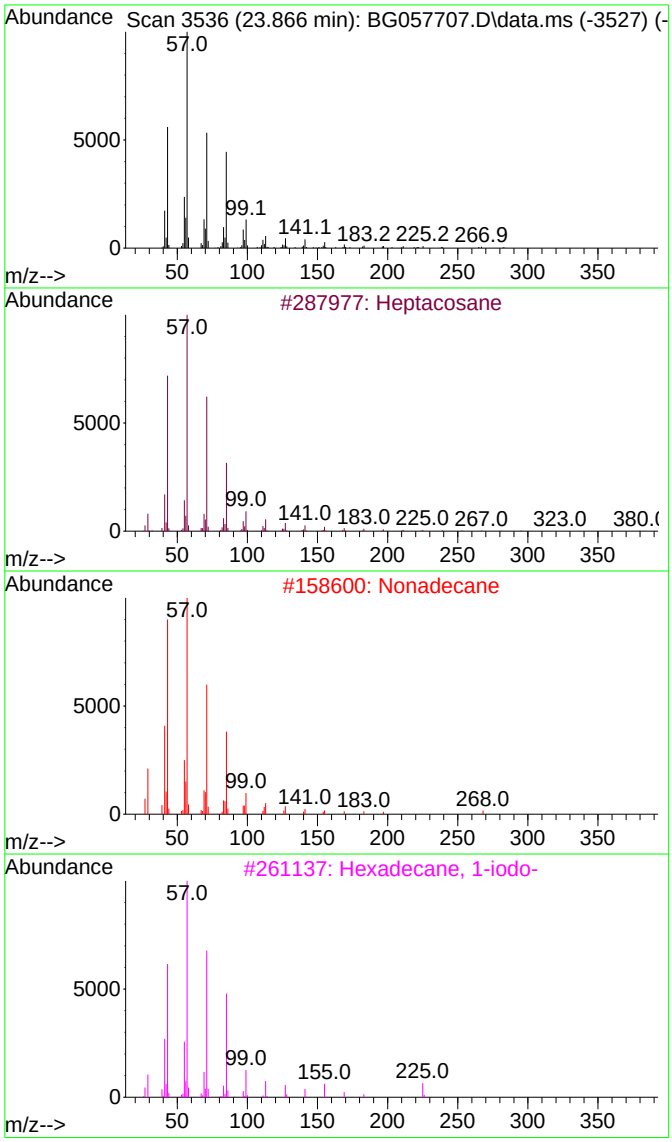
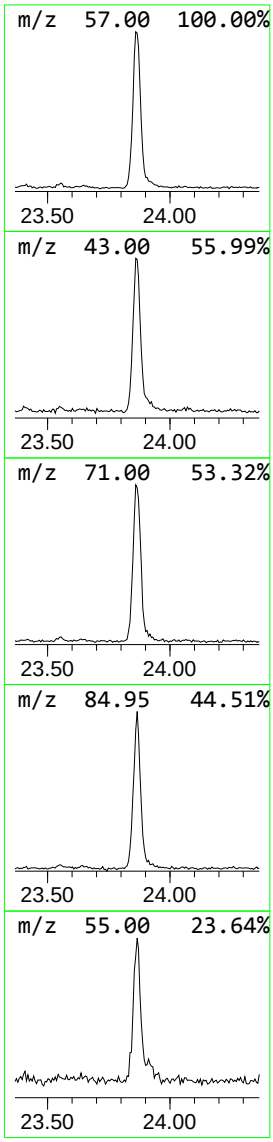
Peak Number 11 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.866	11.40 ng	386318	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Hentriacontane	437	C31H64	000630-04-6	83





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Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

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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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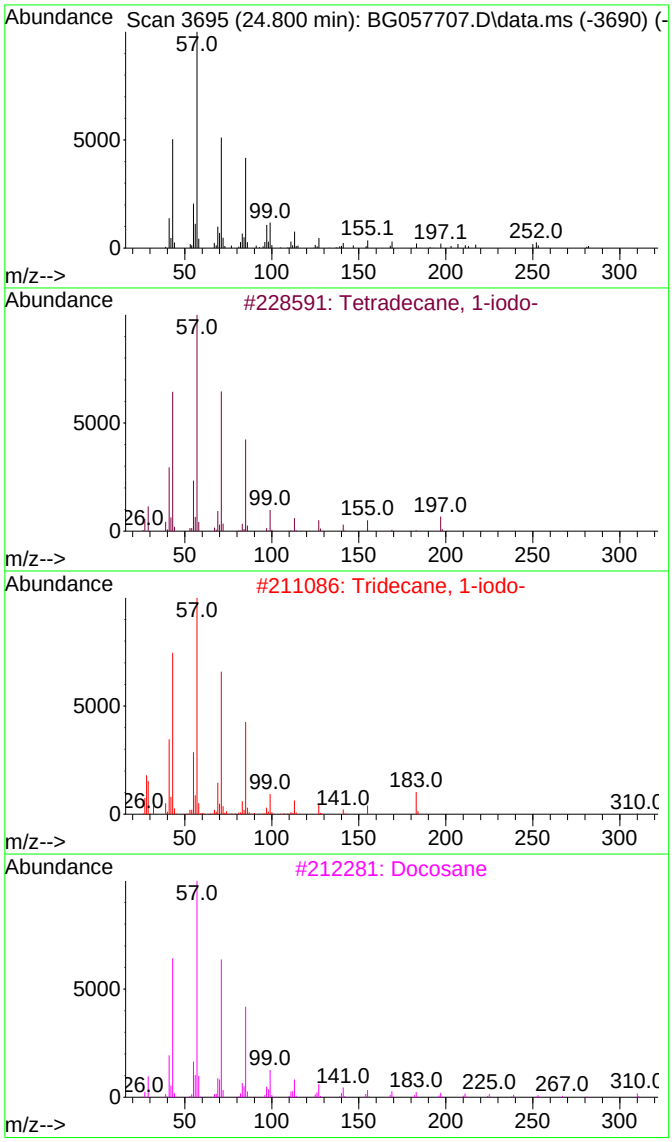
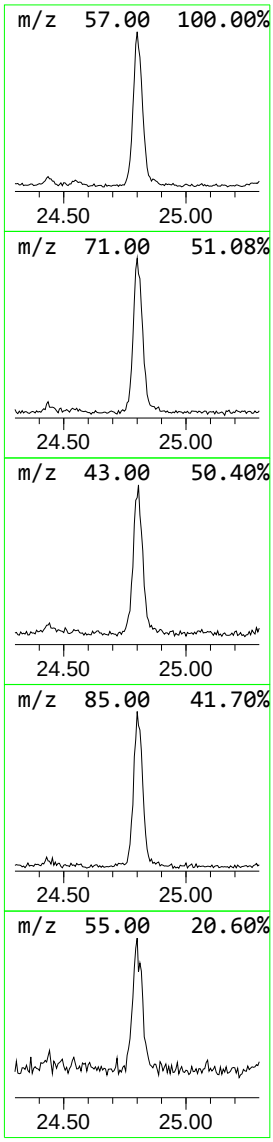
Peak Number 12 Tetradecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.800	6.59 ng	223395	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Docosane	310	C22H46	000629-97-0	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83





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Instrument :
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ClientSampleId :
CMC-EME-Topsoil-003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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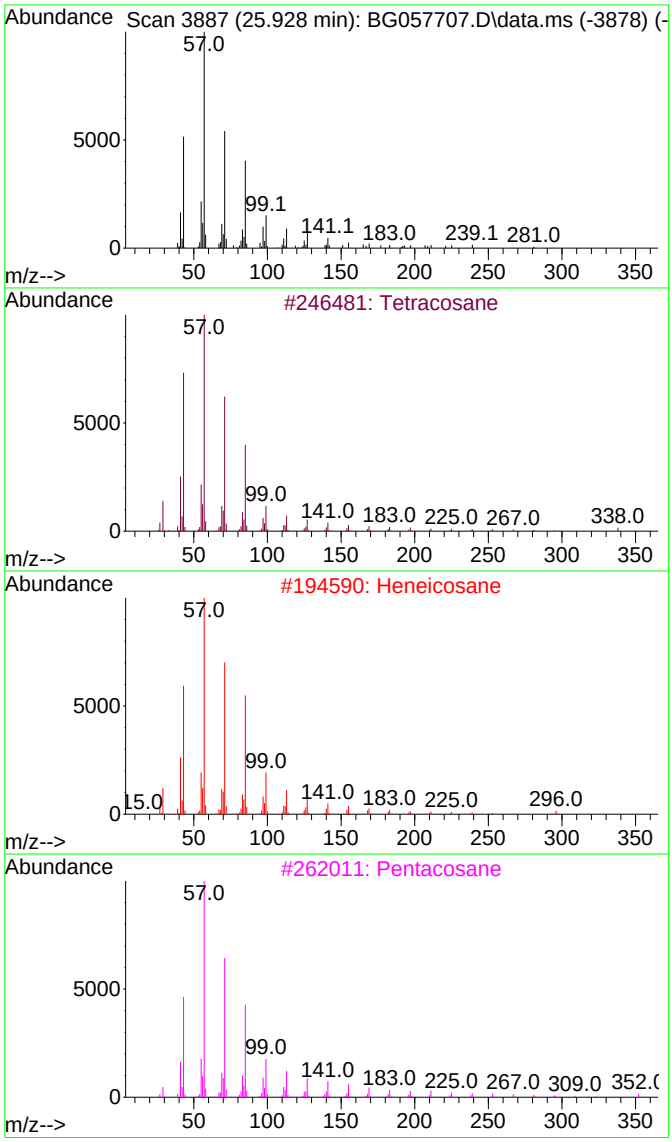
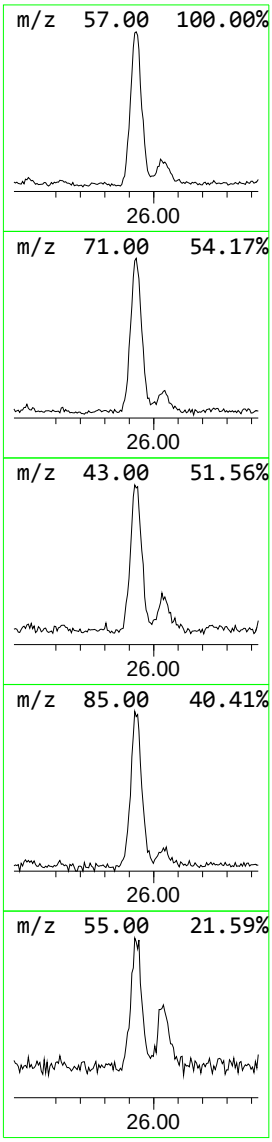
Peak Number 13 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.928	7.05 ng	238955	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87





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

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

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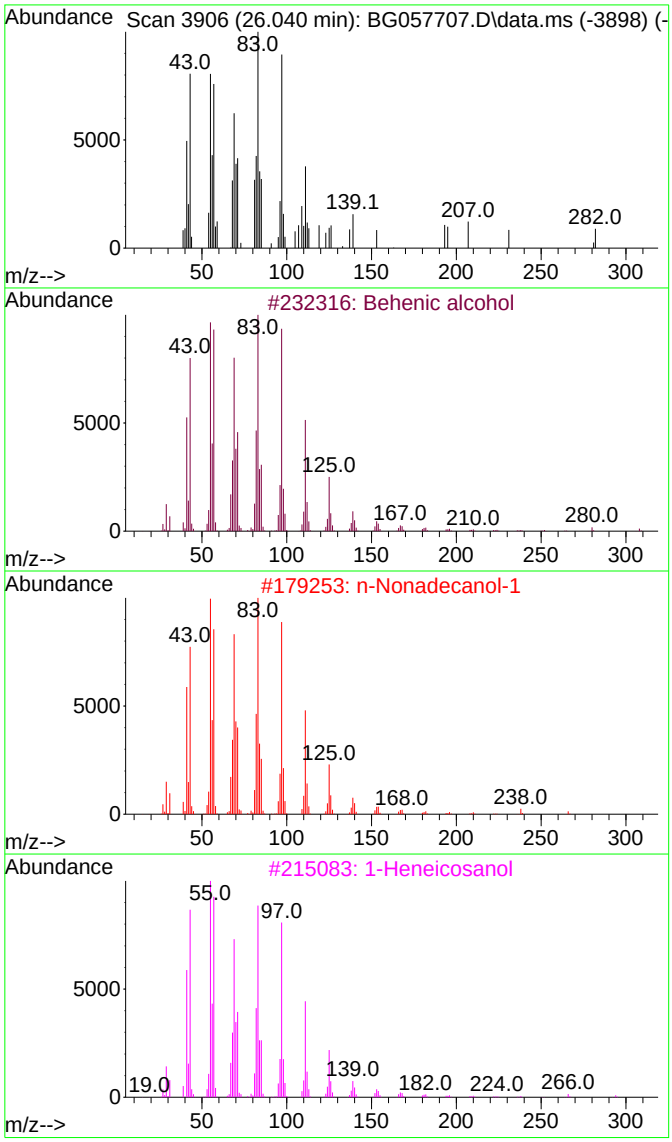
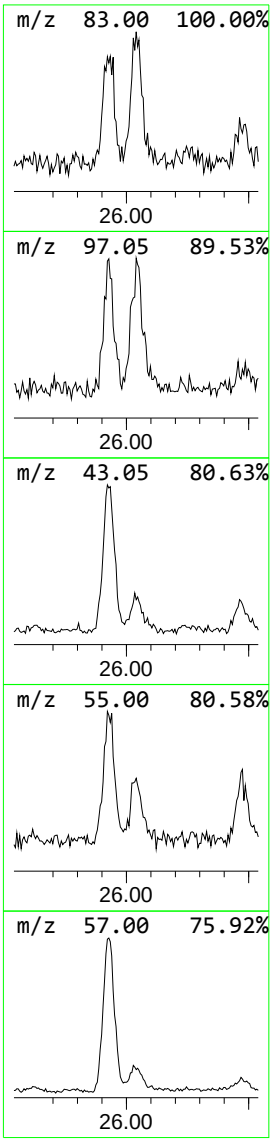
Peak Number 14 Behenic alcohol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.040	2.62 ng	88843	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	1-Tricosene	322	C23H46	018835-32-0	87





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Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-003

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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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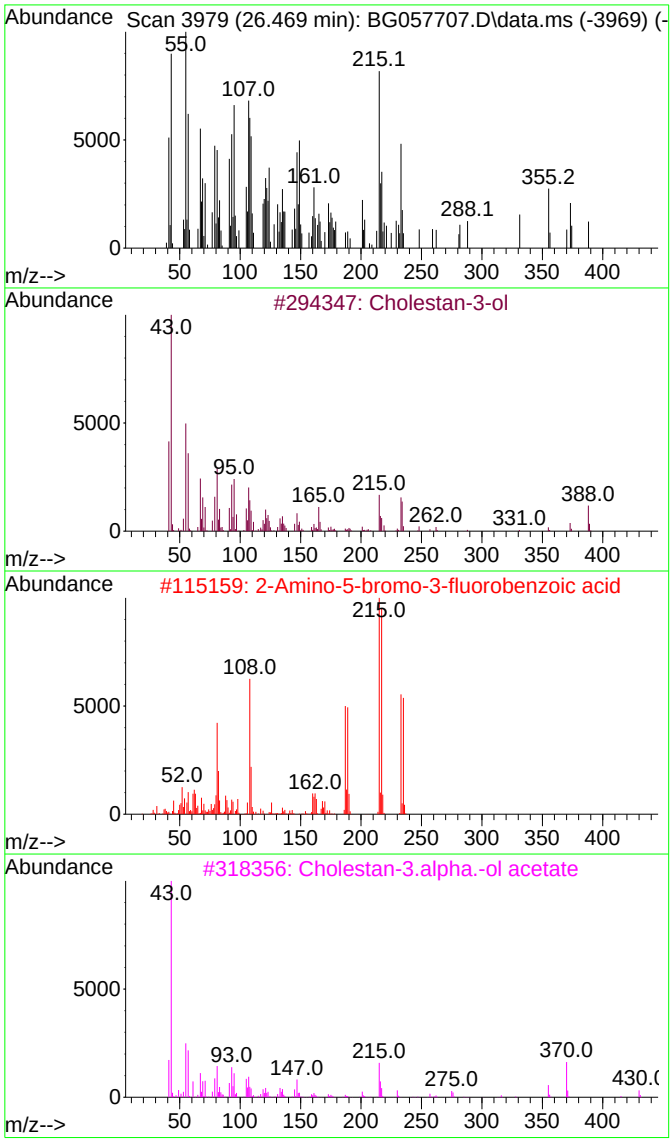
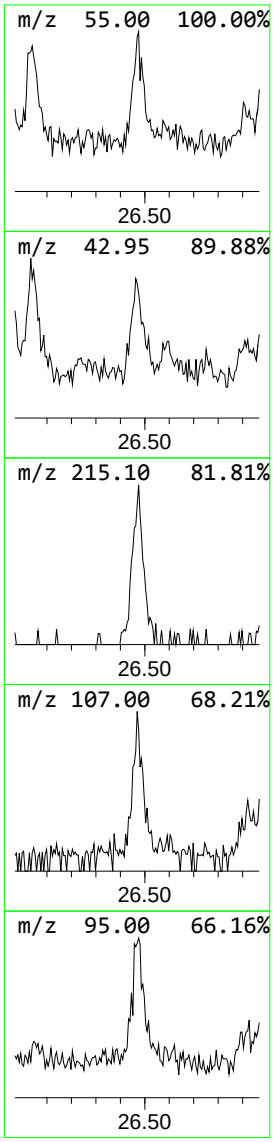
Peak Number 15 unknown26.469 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.469	4.90 ng	166014	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol	388	C27H48O	027409-41-2	43
2	2-Amino-5-bromo-3-fluorobenzoic ...	233	C7H5BrFNO2	874784-14-2	41
3	Cholestan-3.alpha.-ol acetate	430	C29H50O2	022213-55-4	35
4	CP 47,497 (n=7)	318	C21H34O2	070434-82-1	27
5	2,3-Dichlorothiophene-5-sulfonyl...	250	C4HCl3O2S2	126714-85-0	27





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Sample : 03141-03
Misc :
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Instrument :
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ClientSampleId :
CMC-EME-Topsoil-003

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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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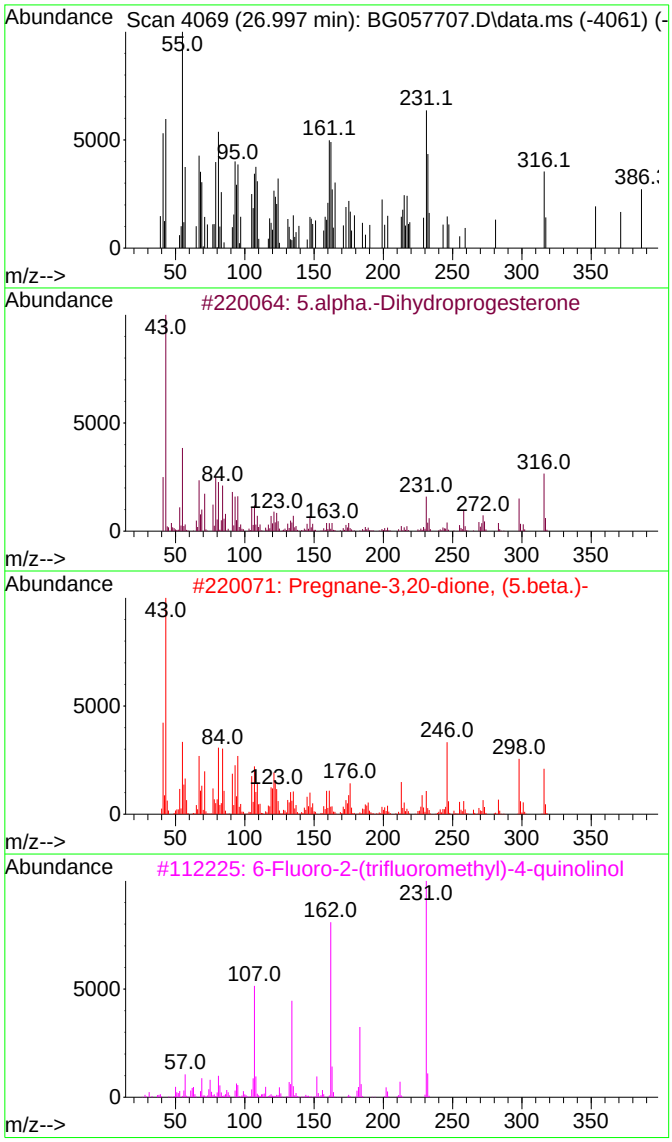
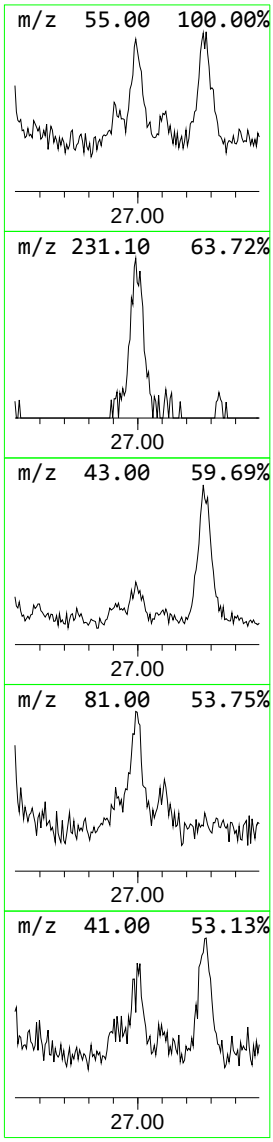
Peak Number 16 unknown26.997 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.997	4.01 ng	136072	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.alpha.-Dihydroprogesterone	316	C21H32O2	000566-65-4	38
2	Pregnane-3,20-dione, (5.beta.)-	316	C21H32O2	000128-23-4	35
3	6-Fluoro-2-(trifluoromethyl)-4-q...	231	C10H5F4NO	031009-34-4	14
4	Arnicolide A (isomer 1)	306	C17H22O5	1000495-69-7	11
5	16-Pregnenolone	316	C21H32O2	031686-13-2	11





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ClientSampleId :
CMC-EME-Topsoil-003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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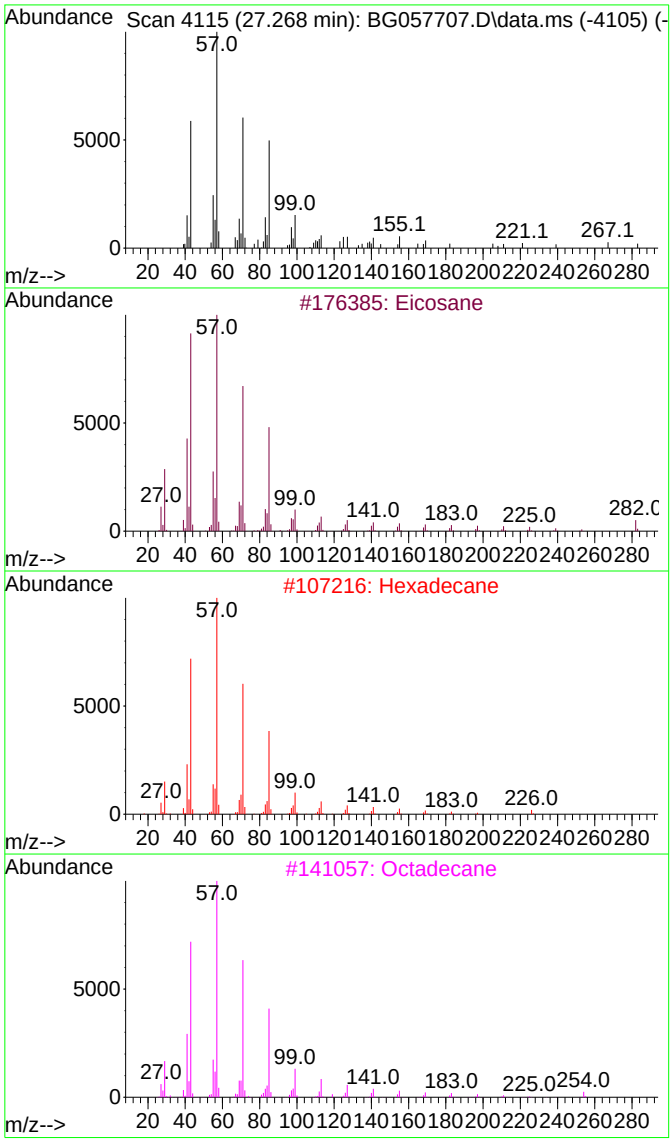
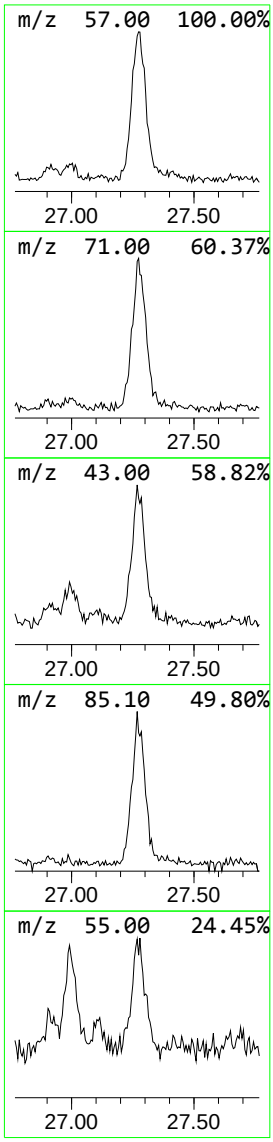
Peak Number 17 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.268	4.64 ng	157402	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





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Misc :
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ClientSampleId :
CMC-EME-Topsoil-003

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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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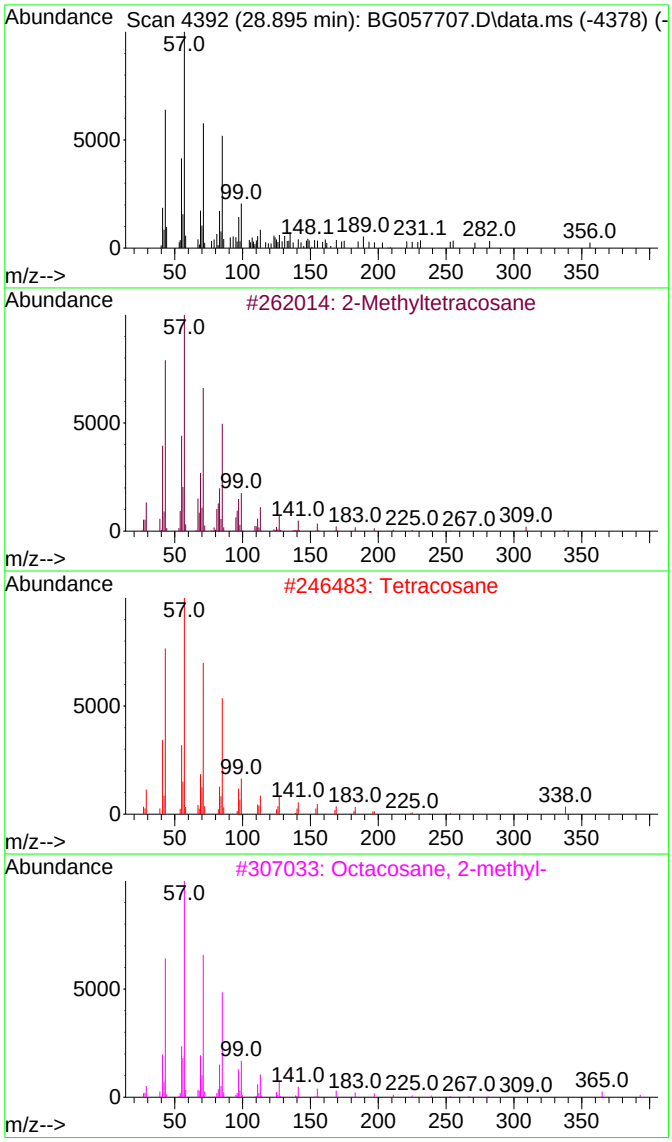
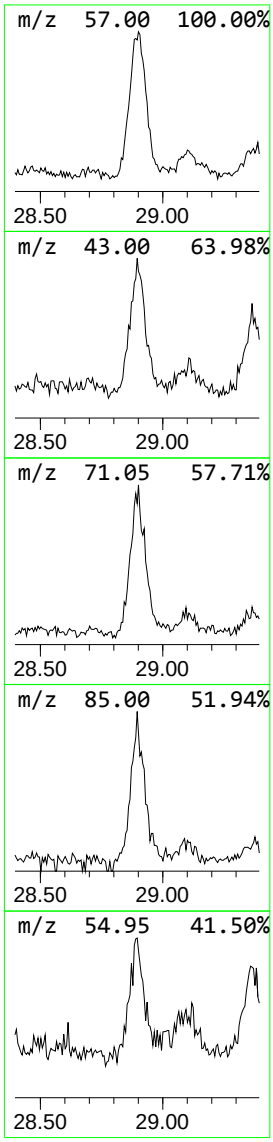
Peak Number 18 2-Methyltetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.895	5.94 ng	201338	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyltetracosane	352	C25H52	001560-78-7	80
2	Tetracosane	338	C24H50	000646-31-1	74
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	74
4	Eicosane	282	C20H42	000112-95-8	64
5	Tetratetracontane	619	C44H90	007098-22-8	58





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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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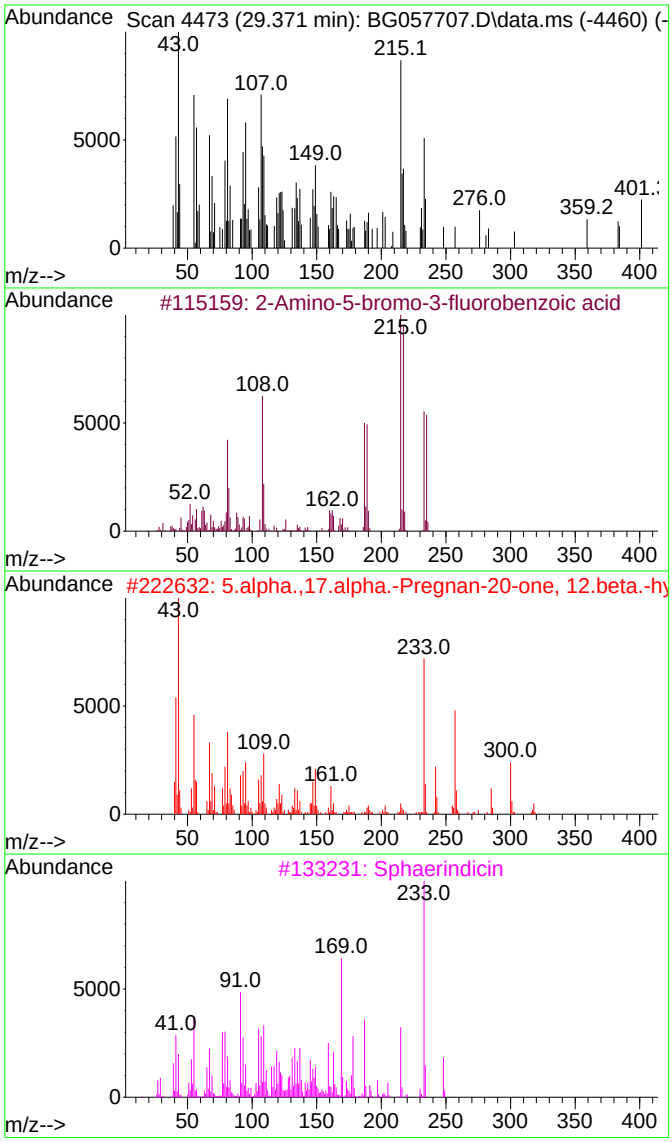
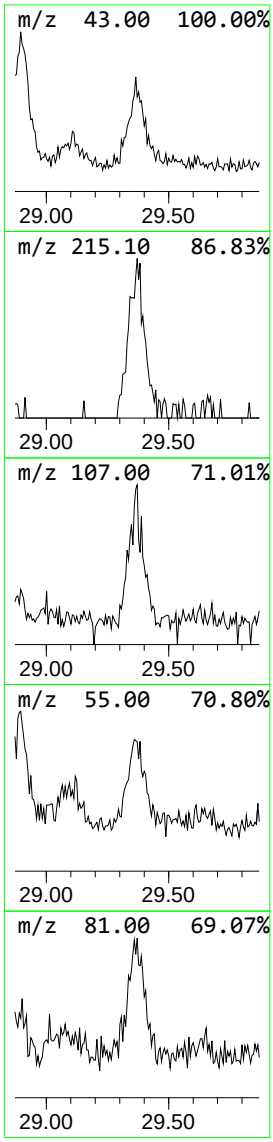
Peak Number 19 unknown29.371 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.371	7.25 ng	245610	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-bromo-3-fluorobenzoic ...	233	C7H5BrFNO2	874784-14-2	38
2	5.alpha.,17.alpha.-Pregnan-20-on...	318	C21H34O2	005618-23-5	25
3	Sphaerindicin	248	C15H20O3	1212393-48-0	20
4	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	15
5	4,5-Dichlorophthalimide	215	C8H3Cl2NO2	015997-89-4	14





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ALS Vial : 8 Sample Multiplier: 1

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

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

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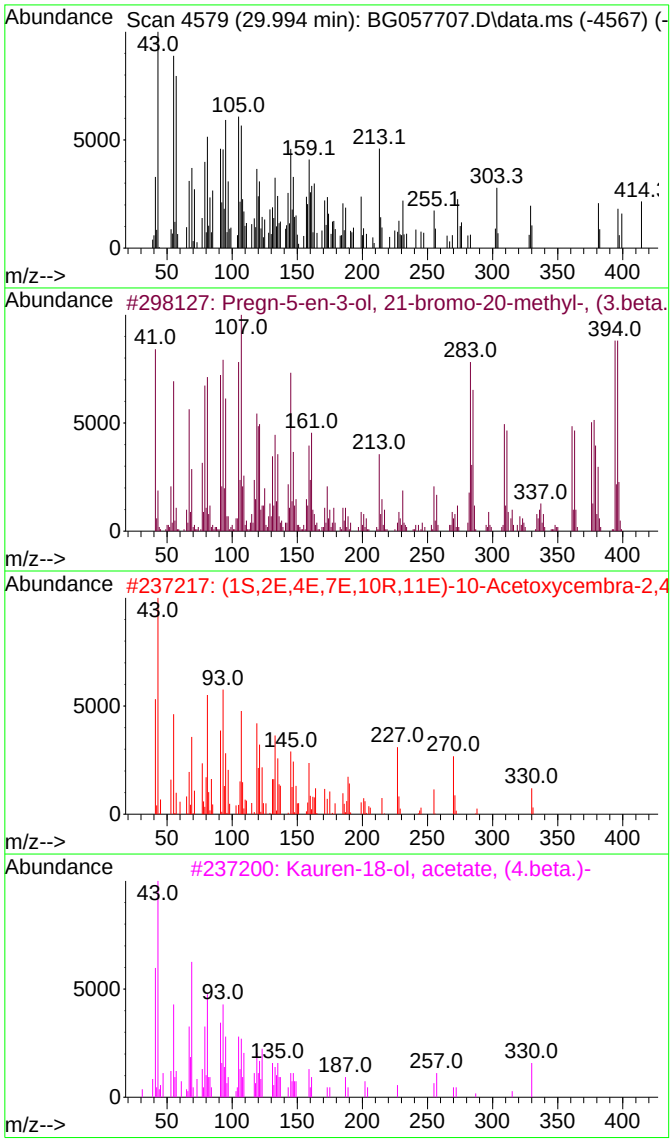
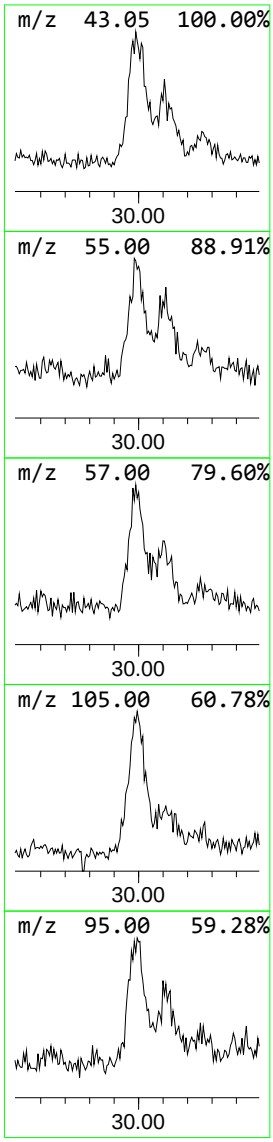
Peak Number 20 unknown29.994 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.994	9.31 ng	315414	Perylene-d12	24.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	27
2	(1S,2E,4E,7E,10R,11E)-10-Acetoxy...	330	C22H34O2	1000433-18-1	18
3	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	16
4	5-Cholene, 3,24-dihydroxy-	360	C24H40O2	1000251-69-2	16
5	Pregn-5-en-20-one, 16,17-epoxy-3...	330	C21H30O3	000974-23-2	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057707.D
Acq On : 14 Jun 2023 14:25
Operator : CG/JU
Sample : 03141-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-003

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.137	18.1	ng	253626	1	7.937	279557	20.0
2-Pentanone, 4-...	5.053	2.4	ng	33366	1	7.937	279557	20.0
Benzophenone	15.922	5.3	ng	138221	3	14.571	522771	20.0
n-Hexadecanoic ...	18.208	2.4	ng	76797	4	17.315	637849	20.0
Hexadecane, 1-i...	20.247	2.1	ng	69509	5	21.568	651766	20.0
Tetracosane	20.734	3.8	ng	122536	5	21.568	651766	20.0
1-Octadecanesul...	21.233	9.7	ng	314393	5	21.568	651766	20.0
Heptacosane	21.780	6.9	ng	224463	5	21.568	651766	20.0
Nonadecane	22.379	9.6	ng	311088	5	21.568	651766	20.0
Pentacosane	23.067	8.5	ng	277376	5	21.568	651766	20.0
Heptadecane	23.866	11.4	ng	386318	6	24.729	677924	20.0
Tetradecane, 1-...	24.800	6.6	ng	223395	6	24.729	677924	20.0
Heneicosane	25.928	7.0	ng	238955	6	24.729	677924	20.0
Behenic alcohol	26.040	2.6	ng	88843	6	24.729	677924	20.0
unknown26.469	26.469	4.9	ng	166014	6	24.729	677924	20.0
unknown26.997	26.997	4.0	ng	136072	6	24.729	677924	20.0
Eicosane	27.268	4.6	ng	157402	6	24.729	677924	20.0
2-Methyltetraco...	28.895	5.9	ng	201338	6	24.729	677924	20.0
unknown29.371	29.371	7.3	ng	245610	6	24.729	677924	20.0
unknown29.994	29.994	9.3	ng	315414	6	24.729	677924	20.0