LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134091.D
Acq On : 06 Jul 2023 05:04
Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

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_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134091.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	7	15	23	rVB	913469	1272388	40.40%	4.468%
2	2.281	30	33	43	rVB	35505	58999	1.87%	0.207%
3	5.098	507	512	521	rVB	146577	196409	6.24%	0.690%
4	5.487	573	578	581	rBV	3143262	3010645	95.59%	10.572%
5	6.487	742	748	751	rBV	2928828	3057608	97.08%	10.737%
6	6.845	805	809	819	rBV	980713	786853	24.98%	2.763%
7	6.916	819	821	825	rVB	58761	47540	1.51%	0.167%
8	7.410	900	905	908	rBV	2209976	1978073	62.81%	6.946%
9	7.904	986	989	997	rVB2	29118	50085	1.59%	0.176%
10	8.122	1023	1026	1030	rVB	1119990	932201	29.60%	3.274%
11	9.204	1206	1210	1213	rBV	3794164	3149481	100.00%	11.060%
12	9.880	1322	1325	1329	rBV	1120023	954568	30.31%	3.352%
13	10.598	1444	1447	1453	rBV	288858	234371	7.44%	0.823%
14	10.675	1456	1460	1469	rBV	1863881	1711218	54.33%	6.009%
15	10.910	1497	1500	1503	rBV	39283	36806	1.17%	0.129%
16	11.374	1576	1579	1583	rBV	940685	840138	26.68%	2.950%
17	11.904	1666	1669	1673	rBV	132869	135793	4.31%	0.477%
18	12.474	1763	1766	1770	rVB2	55560	55236	1.75%	0.194%
19	12.598	1780	1787	1790	rBV	36287	55519	1.76%	0.195%
20	12.633	1790	1793	1800	rVB	59112	71627	2.27%	0.252%
21	12.698	1801	1804	1808	rBV4	34118	39203	1.24%	0.138%
22	12.810	1818	1823	1825	rBV	192596	183120	5.81%	0.643%
23	12.845	1827	1829	1832	rVB	80850	62542	1.99%	0.220%
24	12.974	1846	1851	1854	rBV	2861312	2606250	82.75%	9.152%
25	13.204	1886	1890	1894	rBV	234349	203186	6.45%	0.714%
26	13.392	1918	1922	1926	rBV	276655	265496	8.43%	0.932%
27	13.551	1944	1949	1952	rBV	287278	266678	8.47%	0.936%
28	13.668	1966	1969	1974	rBV5	38813	54053	1.72%	0.190%
29	13.880	2002	2005	2017	rVB2	493000	702818	22.32%	2.468%
30	14.039	2024	2032	2038	rBV	771262	794755	25.23%	2.791%
31	14.198	2055	2059	2063	rBV	391702	399172	12.67%	1.402%
32	14.510	2108	2112	2115	rBV	520699	494119	15.69%	1.735%
33	14.821	2161	2165	2170	rVB	502205	541880	17.21%	1.903%
34	14.898	2175	2178	2183	rVB	169985	173273	5.50%	0.608%
35	15.174	2221	2225	2230	rBV	460436	531296	16.87%	1.866%
36	15.539	2282	2287	2290	rBV	412843	538154	17.09%	1.890%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134091.D
Acq On : 06 Jul 2023 05:04
Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

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_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.574	2290	2293	2299	rVB	281074	367092	11.66%	1.289%
38	16.033	2366	2371	2377	rBV	220303	346734	11.01%	1.218%
39	16.315	2413	2419	2420	rBV6	52688	91943	2.92%	0.323%
40	16.486	2443	2448	2457	rBV4	117083	209153	6.64%	0.734%
41	16.574	2458	2463	2480	rVB2	145436	321886	10.22%	1.130%
42	17.209	2566	2571	2584	rVB2	76189	186093	5.91%	0.653%
43	17.745	2655	2662	2677	rBV7	115864	384340	12.20%	1.350%
44	18.792	2836	2840	2847	rVB9	32417	78377	2.49%	0.275%

Sum of corrected areas: 28477171

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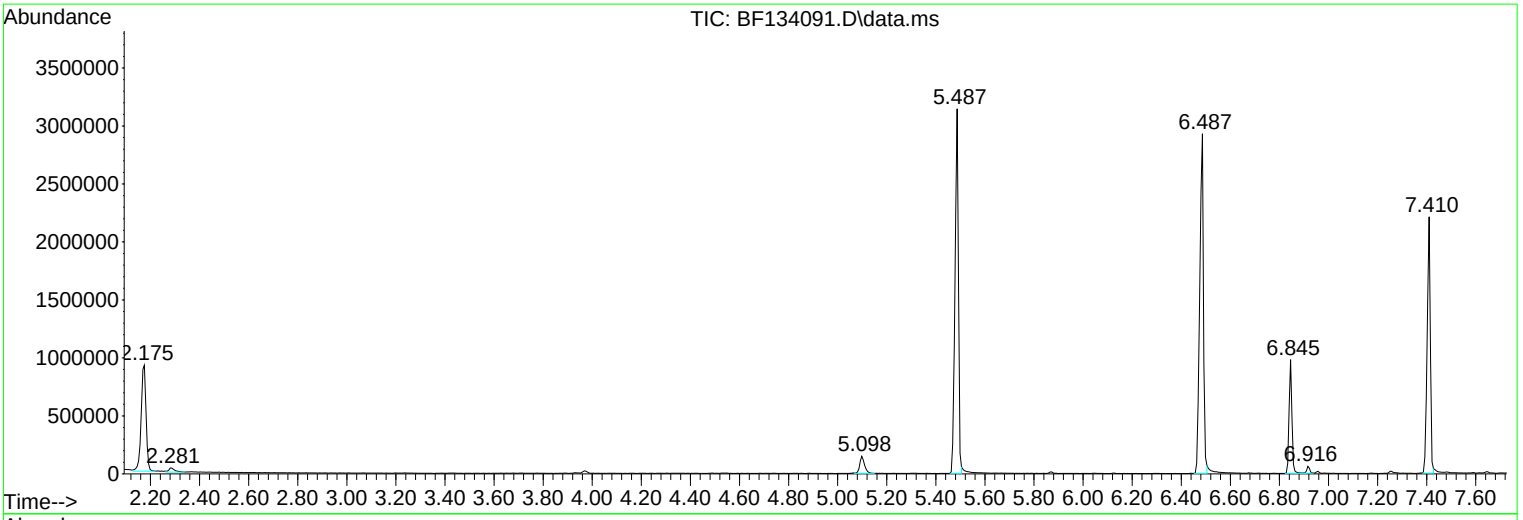
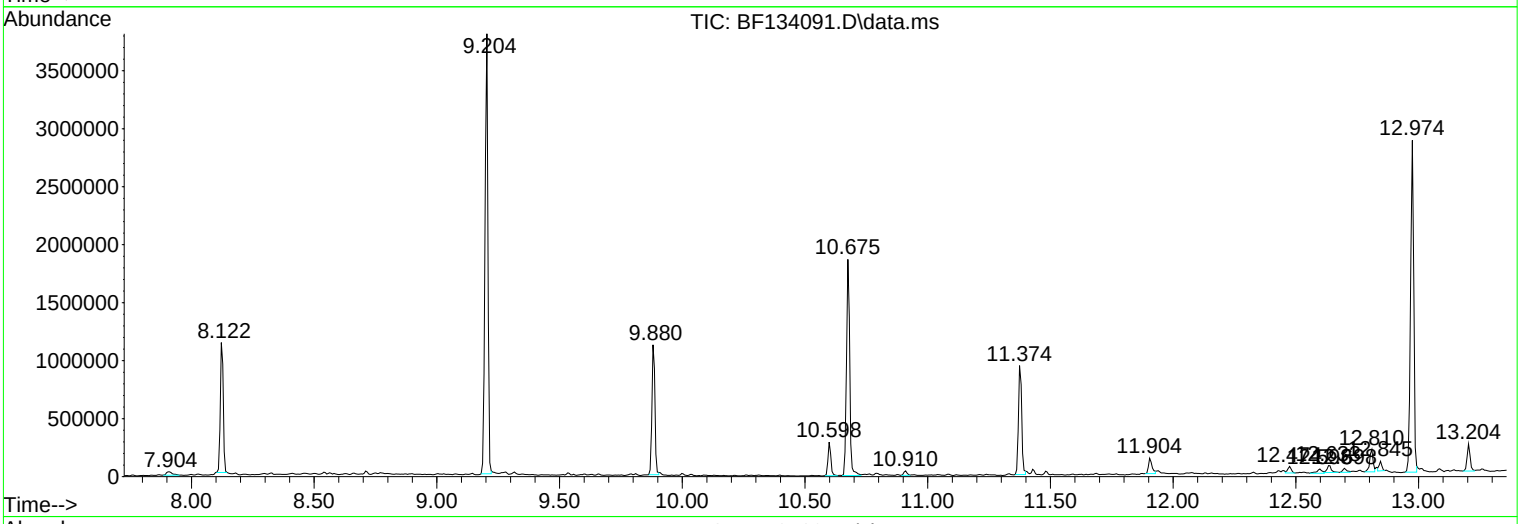
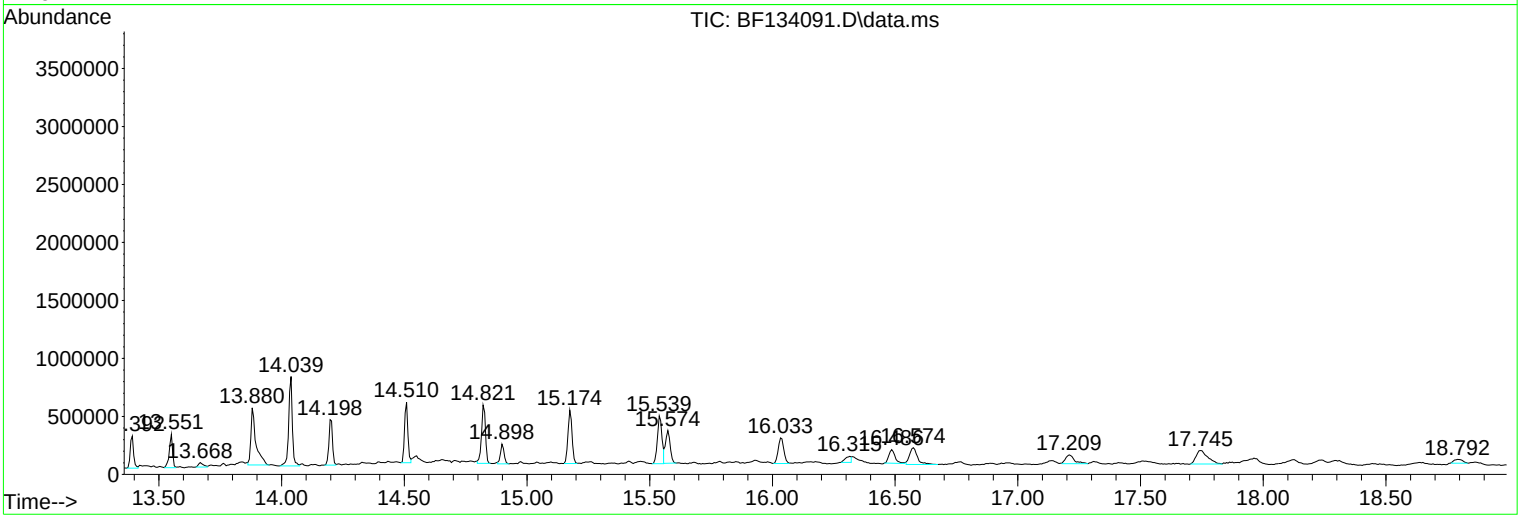
Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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_F\Data\BF070523\
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Operator : CG\JU
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Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

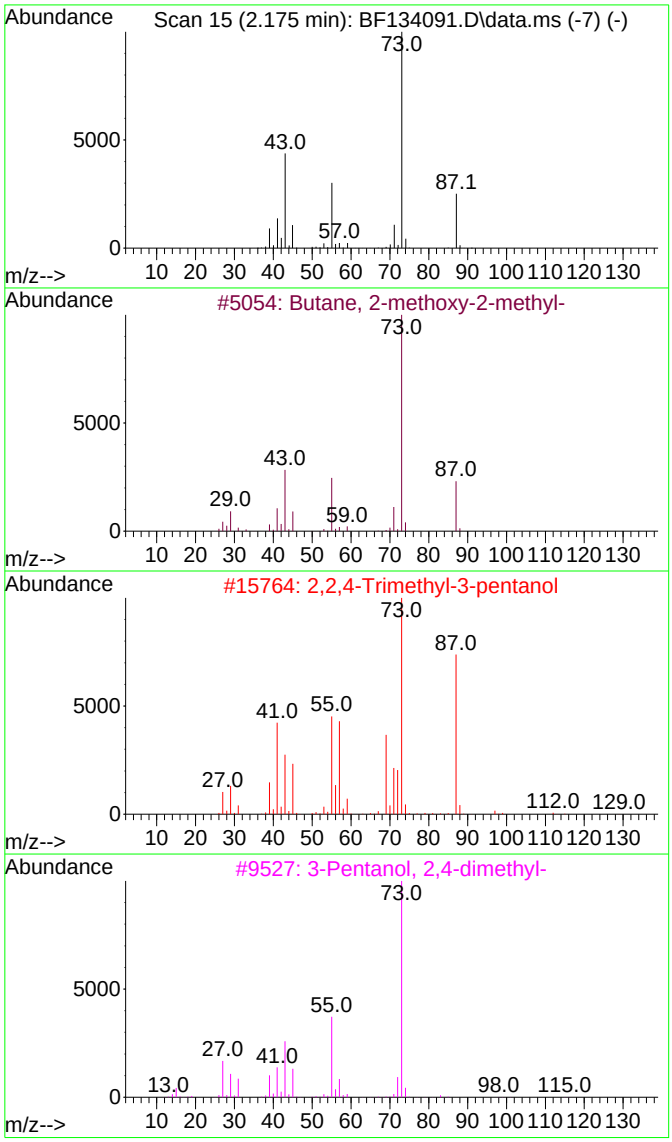
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

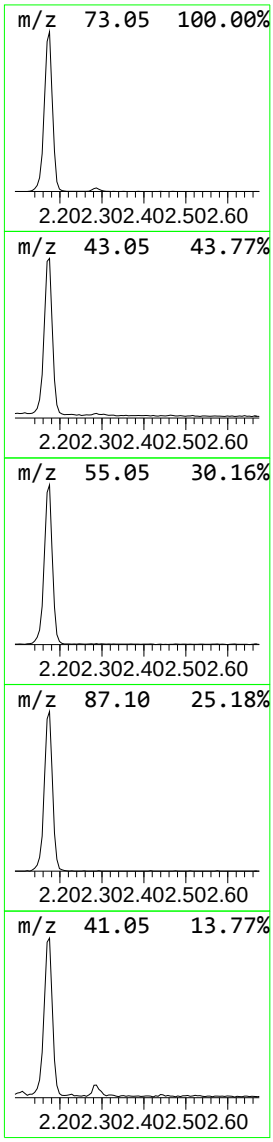
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	32.34 ng	1272390	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

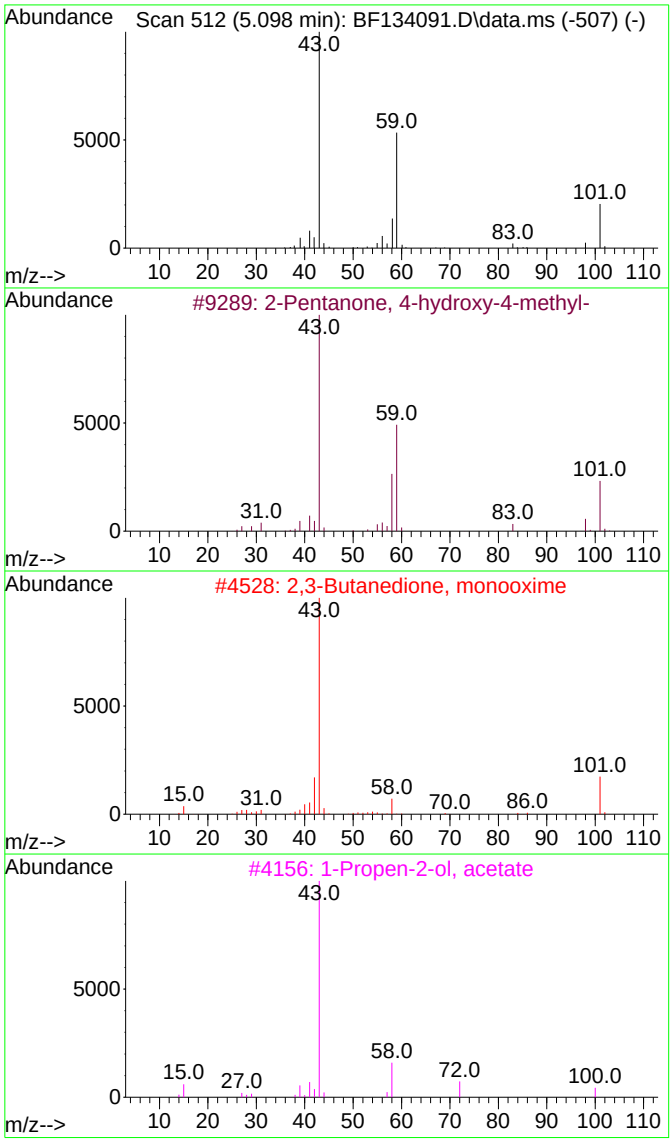
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

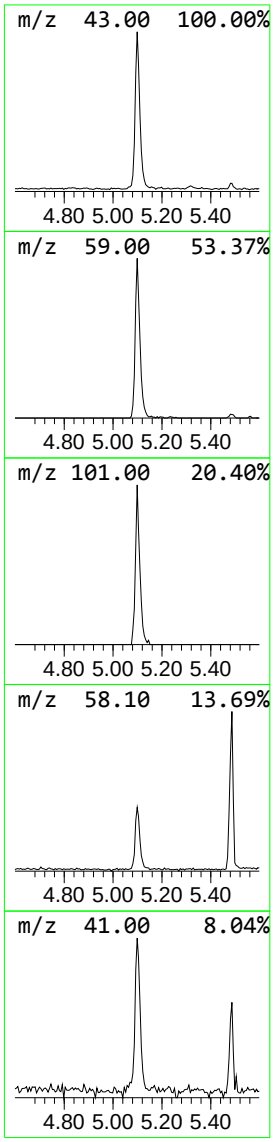
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	4.99 ng	196409	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	9
5	2-Pentanone	86	C5H10O	000107-87-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134091.D
Acq On : 06 Jul 2023 05:04
Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

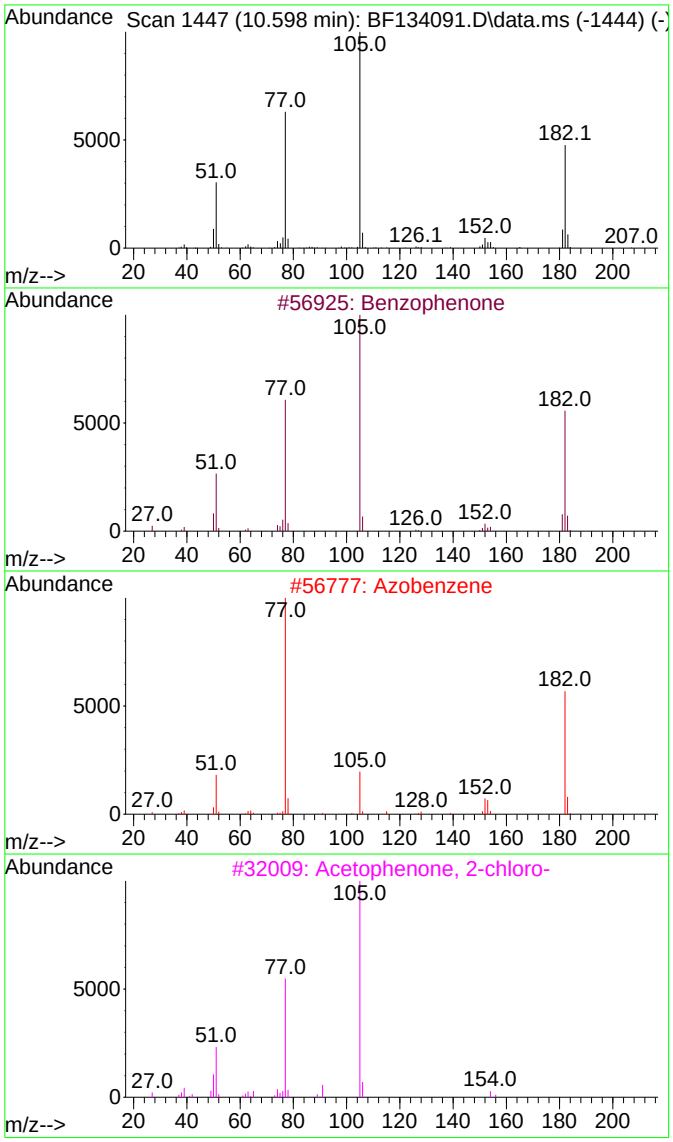
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

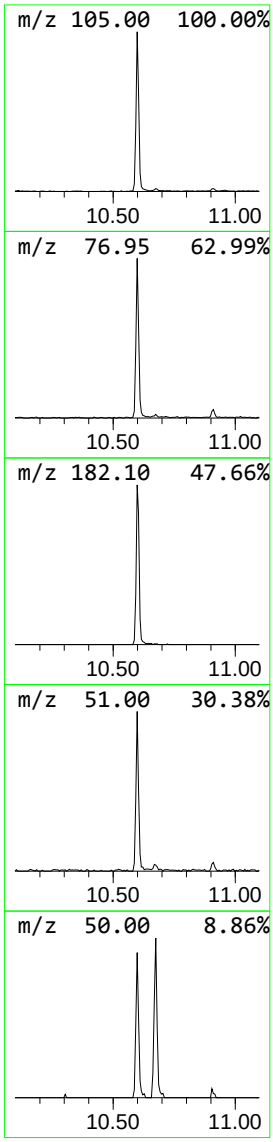
****

Peak Number 3 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	4.91 ng	234371	Acenaphthene-d10	9.880

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	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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Acq On : 06 Jul 2023 05:04
Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

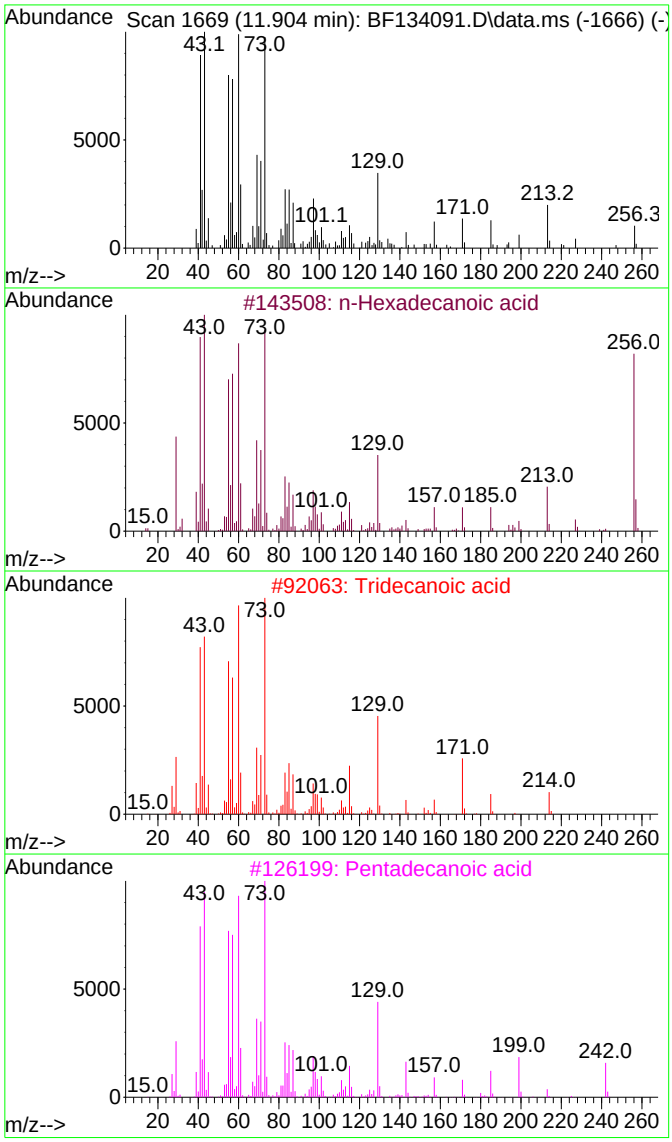
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

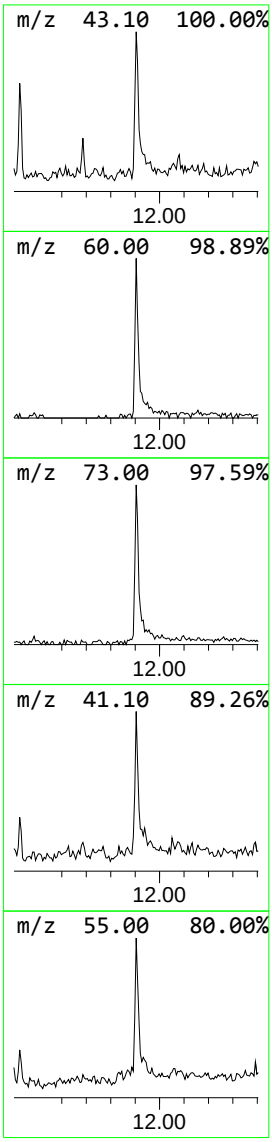
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.23 ng	135793	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Data File : BF134091.D
Acq On : 06 Jul 2023 05:04
Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

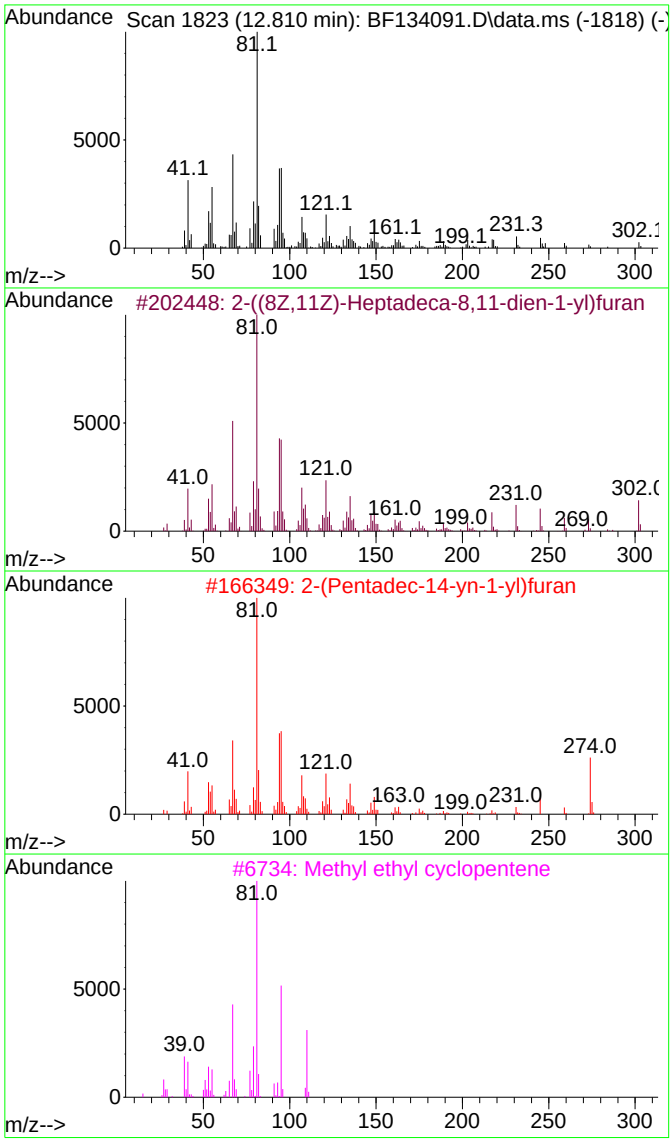
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

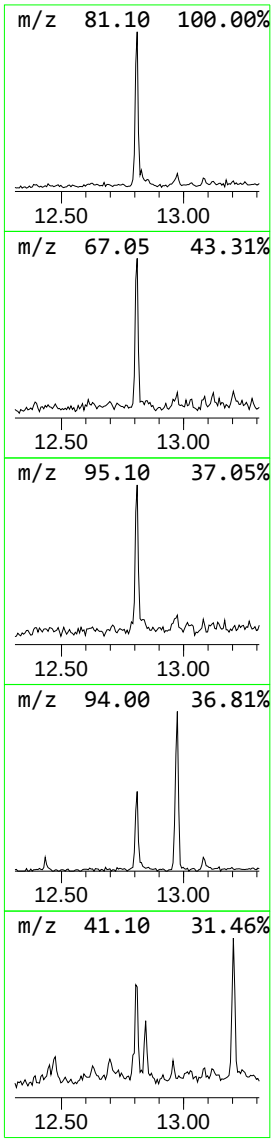
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-((8Z,11Z)-Heptadeca-8,11-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	4.61 ng	183120	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((8Z,11Z)-Heptadeca-8,11-dien-...	302	C21H34O	148675-93-8	95
2	2-(Pentadec-14-yn-1-yl)furan	274	C19H30O	1000465-05-2	90
3	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	50
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	50
5	1-Pentadecyne	208	C15H28	000765-13-9	47





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Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

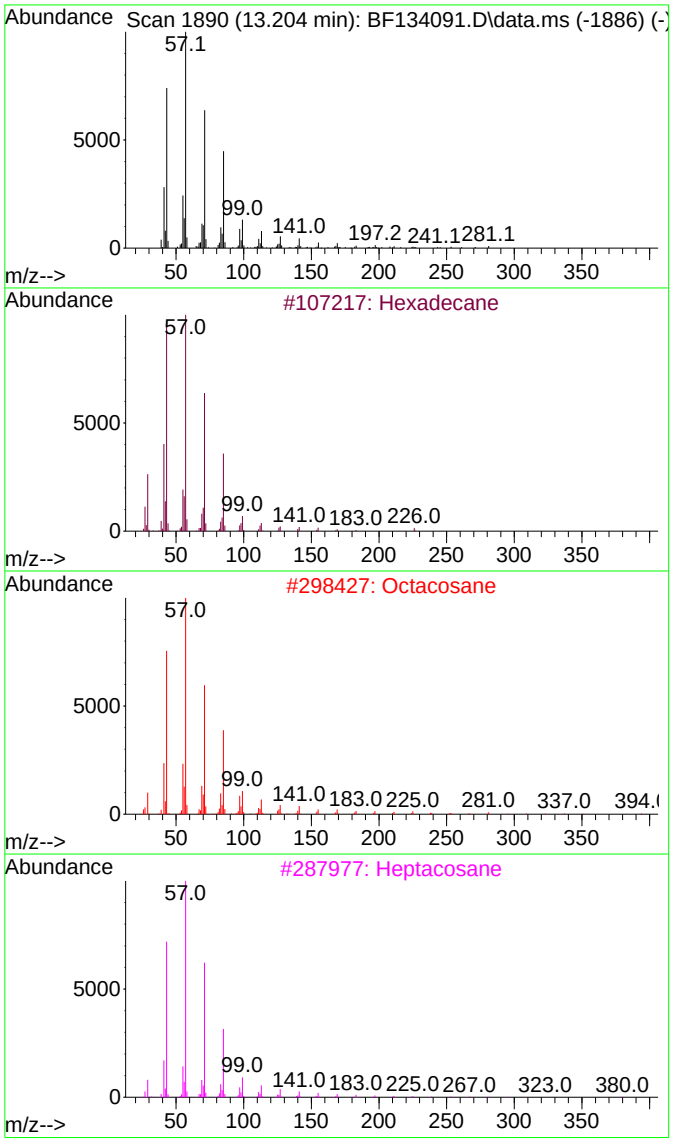
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

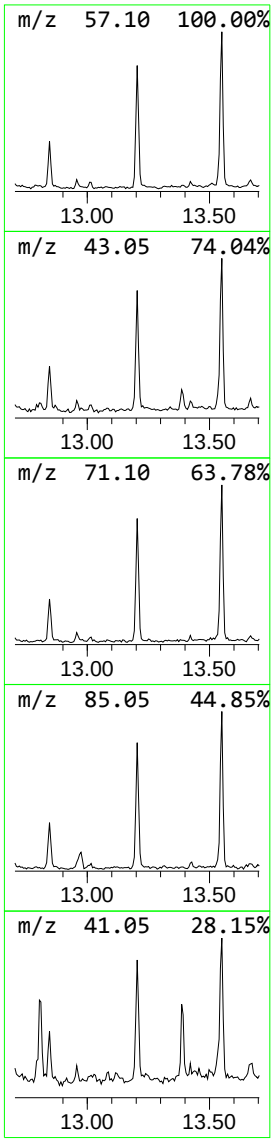
****

Peak Number 6 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	5.11 ng	203186	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

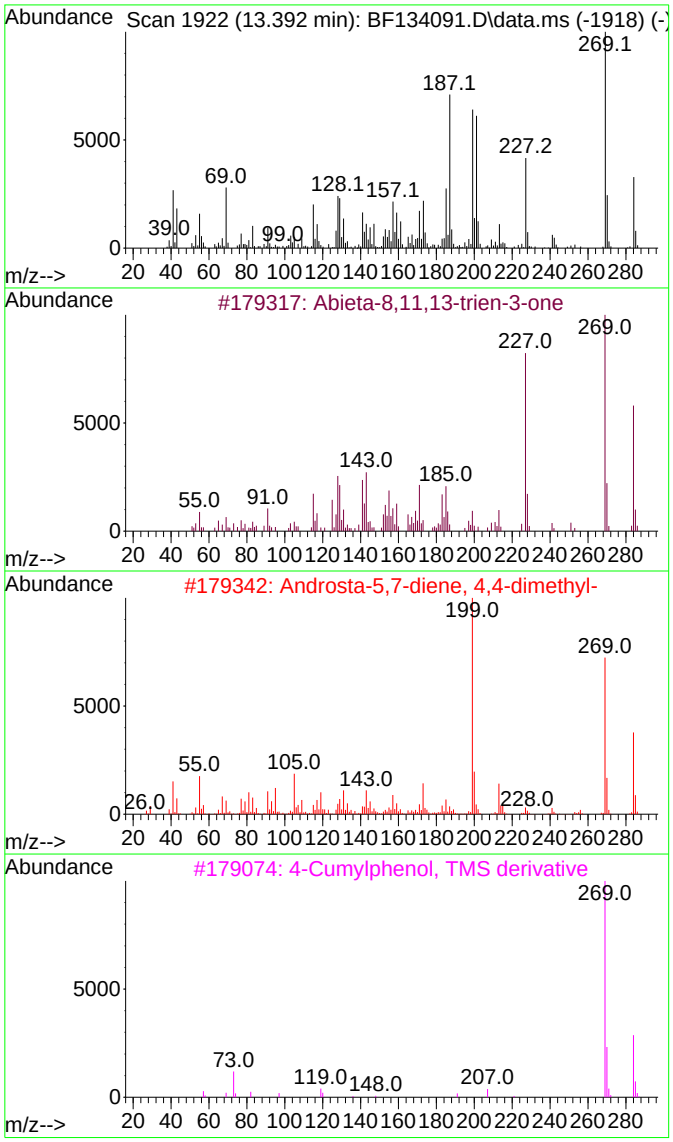
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

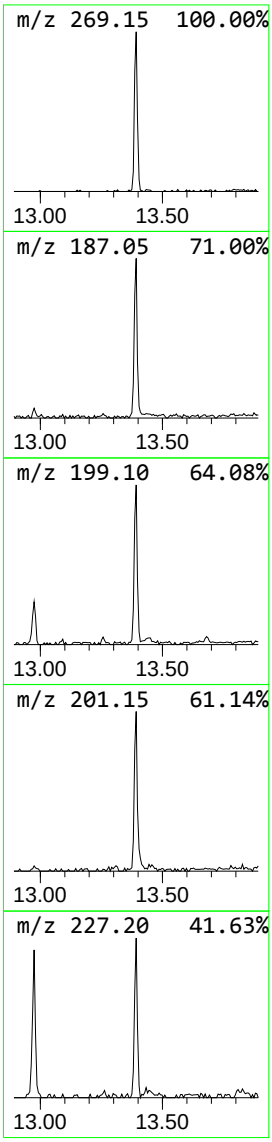
****

Peak Number 7 unknown13.392 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	6.68 ng	265496	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Abieta-8,11,13-trien-3-one	284	C20H28O	1000386-46-3	30
2	Androsta-5,7-diene, 4,4-dimethyl-	284	C21H32	1000194-15-2	30
3	4-Cumylphenol, TMS derivative	284	C18H24OSi	261502-93-6	25
4	Pyrimidine, 4,5-dimethyl-2,6-bis...	284	C12H24N2O2Si2	031111-32-7	25
5	Phenol, 4,4'-(1-methylethylidene...	284	C19H24O2	005613-46-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134091.D
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Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

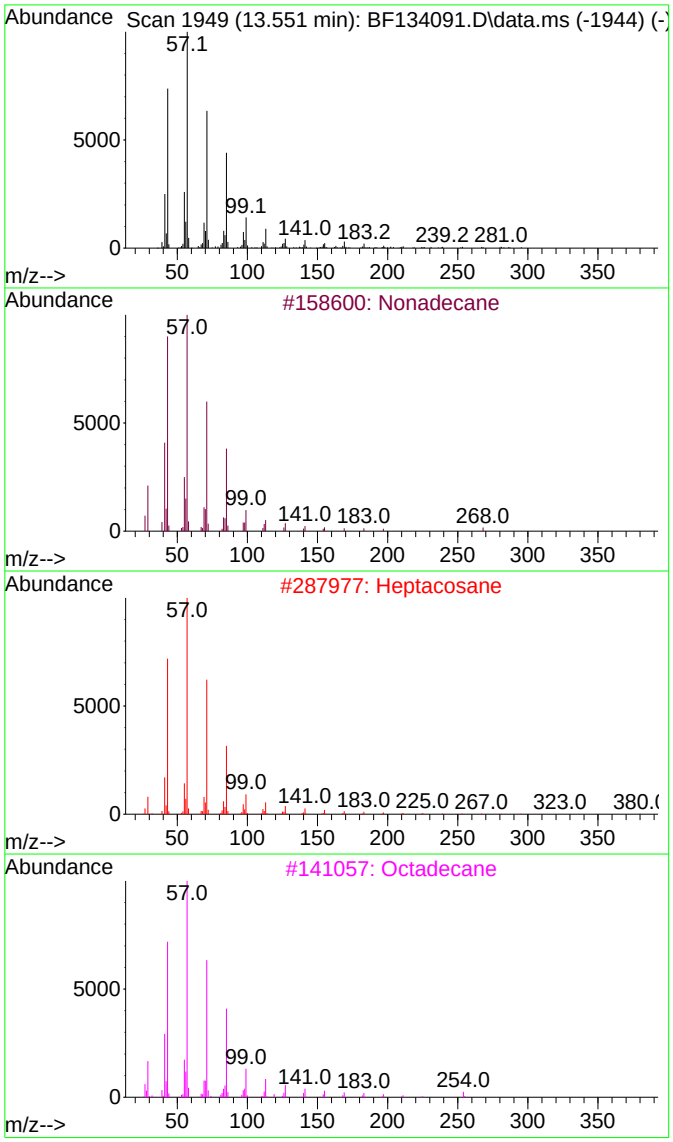
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

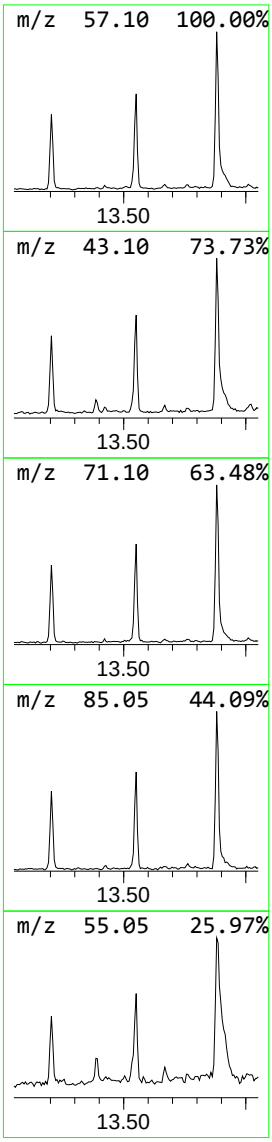
****

Peak Number 8 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	6.71 ng	266678	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Acq On : 06 Jul 2023 05:04
Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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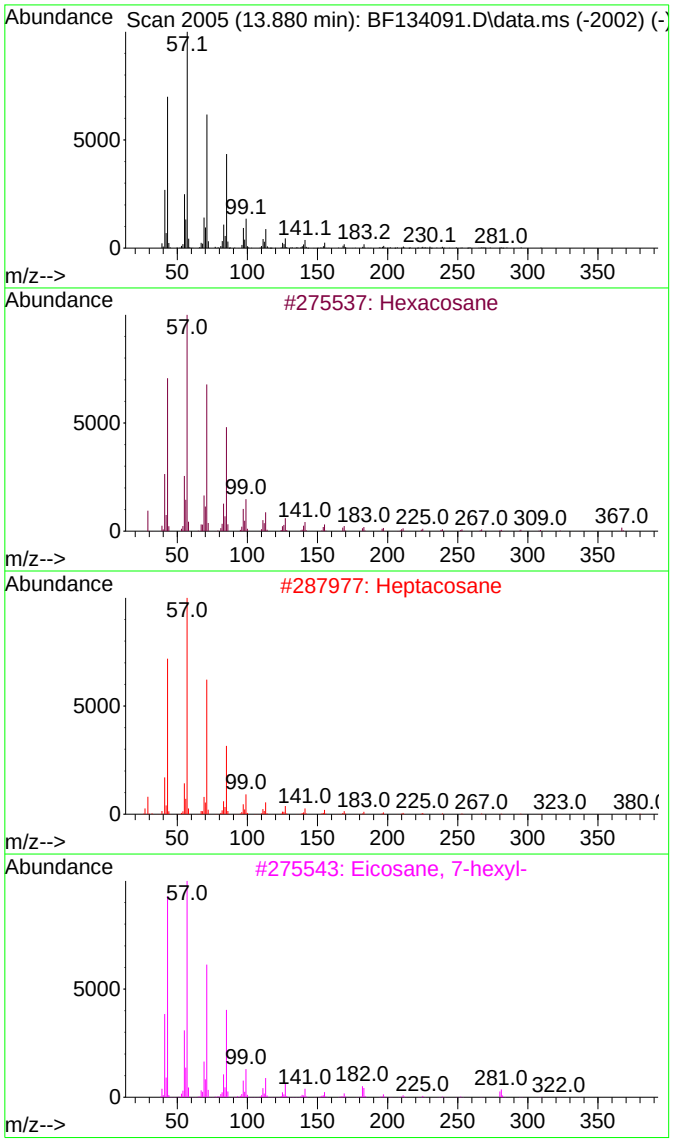
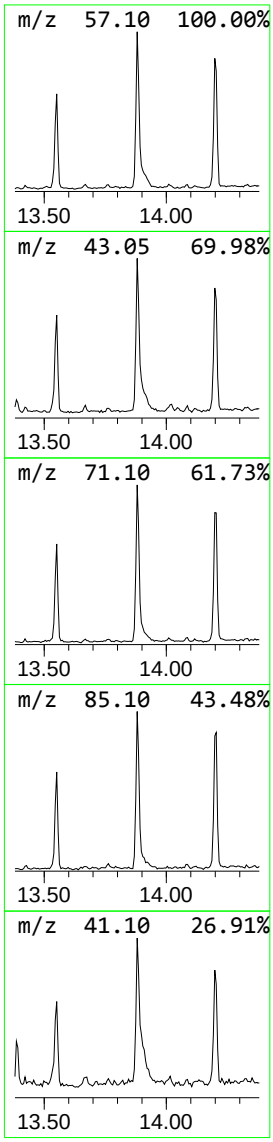
Peak Number 9 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	17.69 ng	702818	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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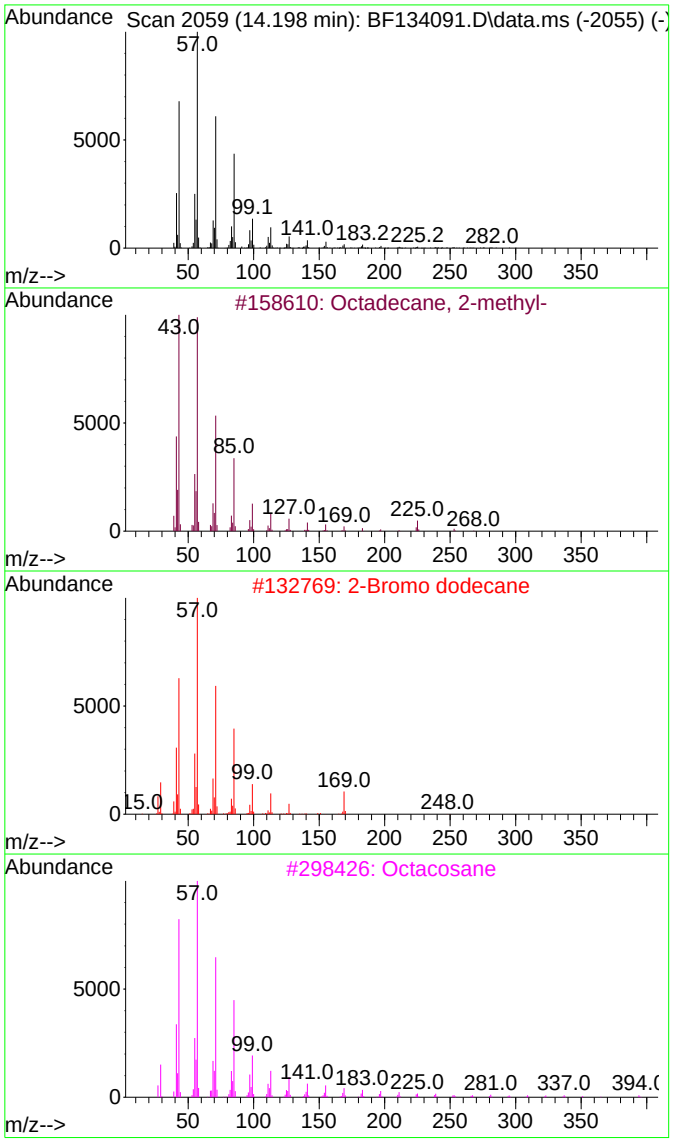
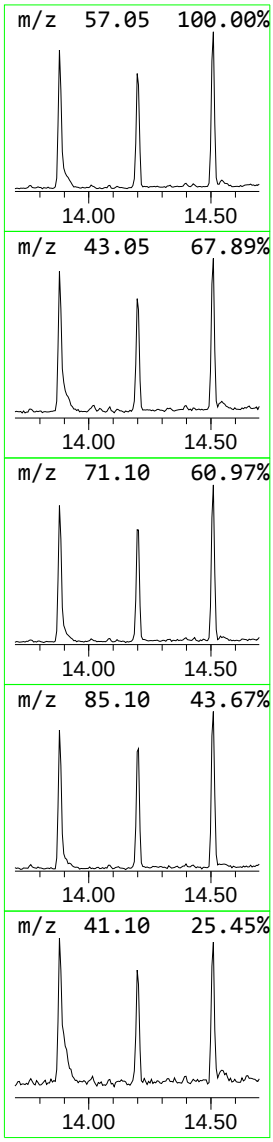
Peak Number 10 Octadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	10.05 ng	399172	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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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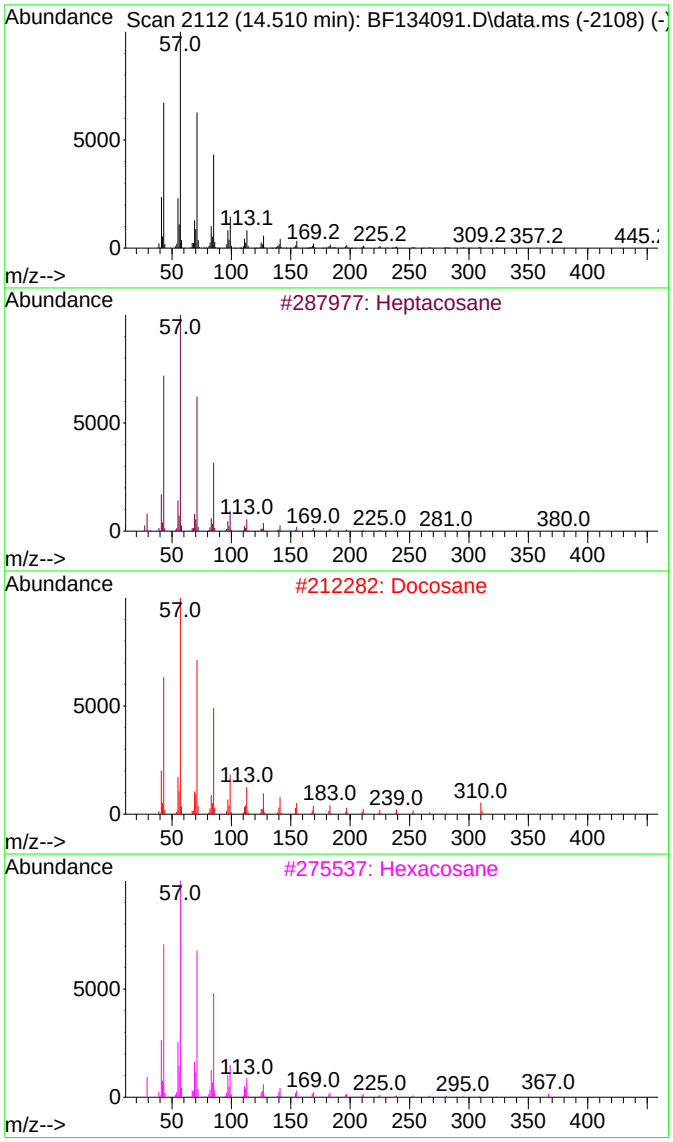
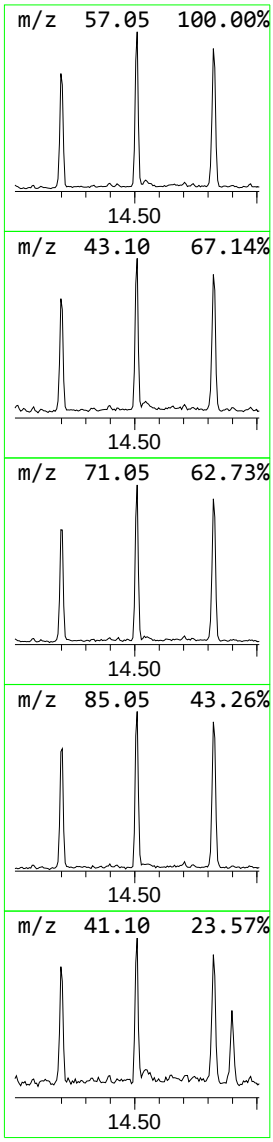
Peak Number 11 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	12.43 ng	494119	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Docosane	310	C22H46	000629-97-0	97
3	Hexacosane	366	C26H54	000630-01-3	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94





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Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

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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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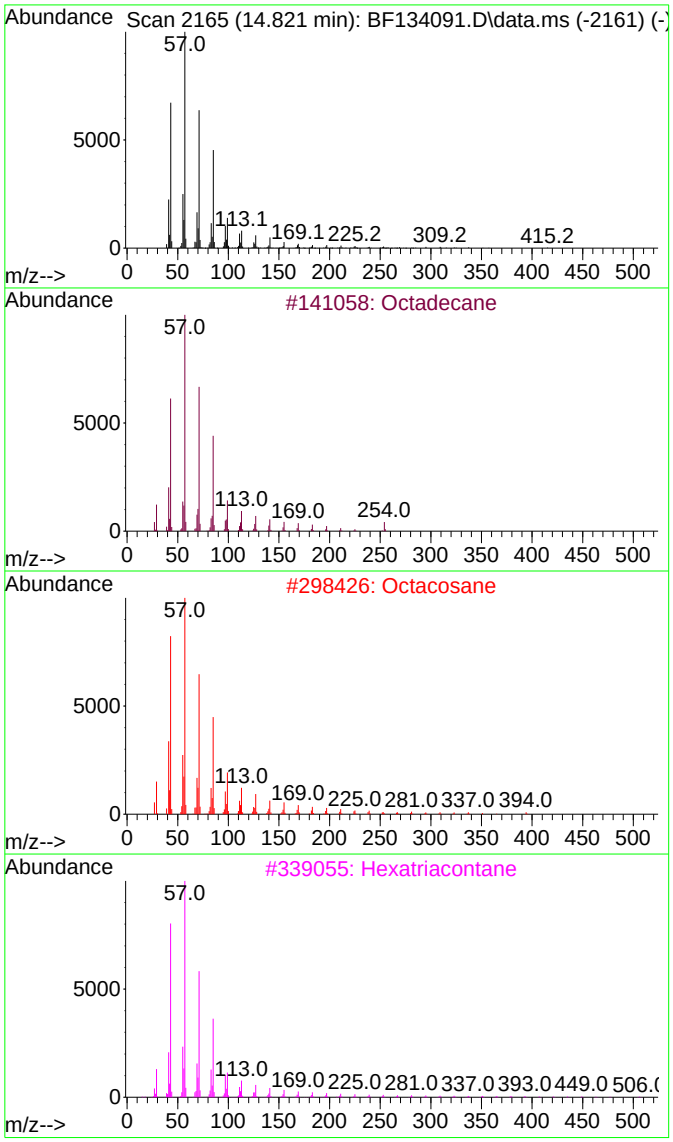
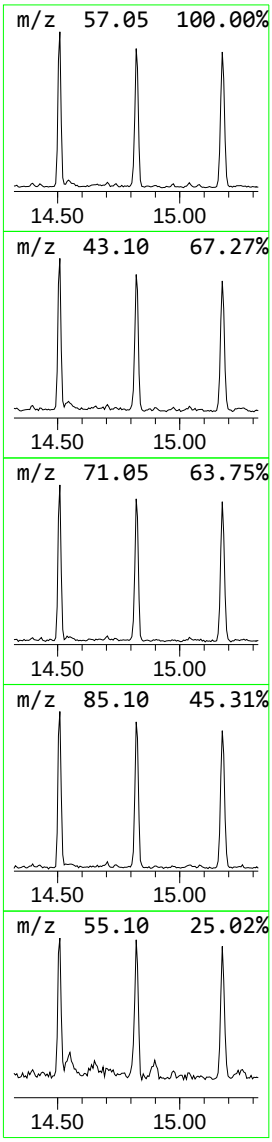
Peak Number 12 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	20.14 ng	541880	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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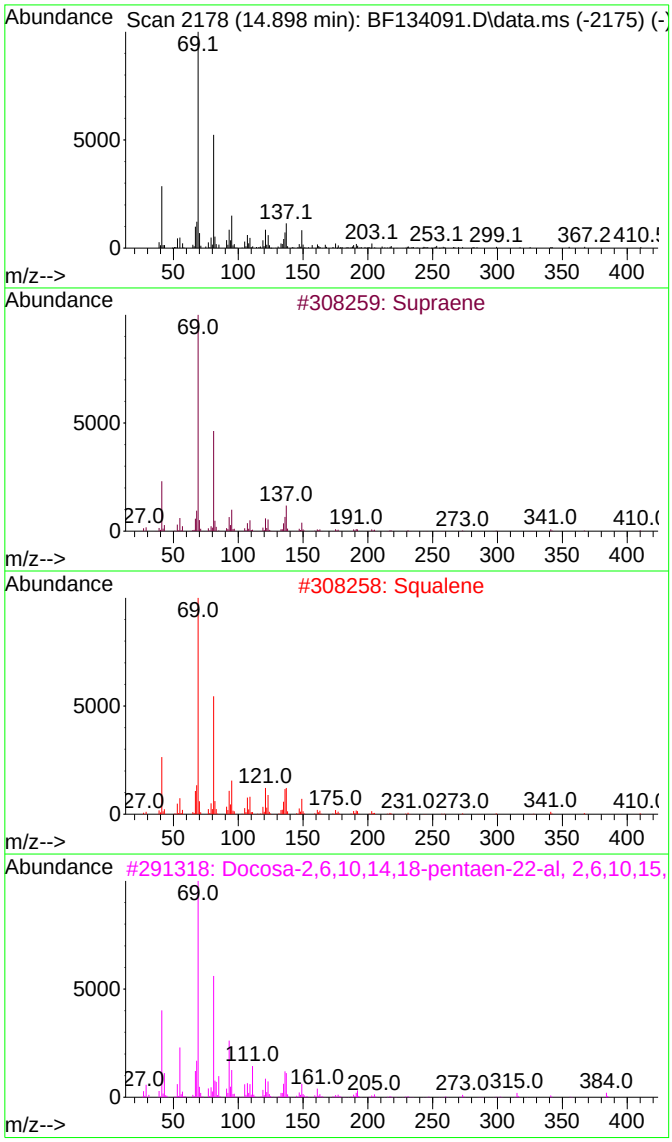
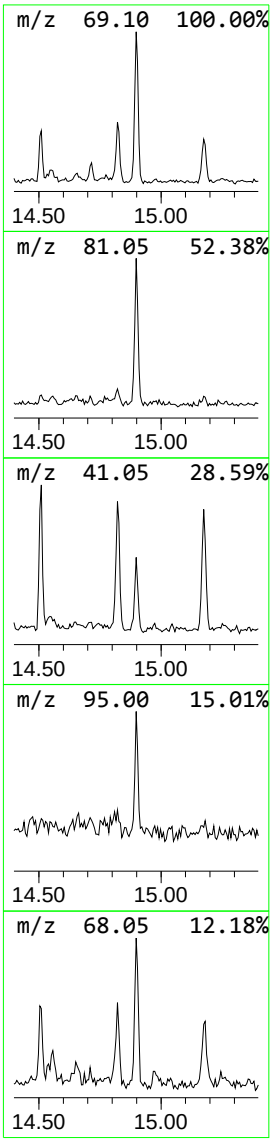
Peak Number 13 Supraene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	6.44 ng	173273	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	97
2	Squalene	410	C30H50	000111-02-4	93
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5	Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	64





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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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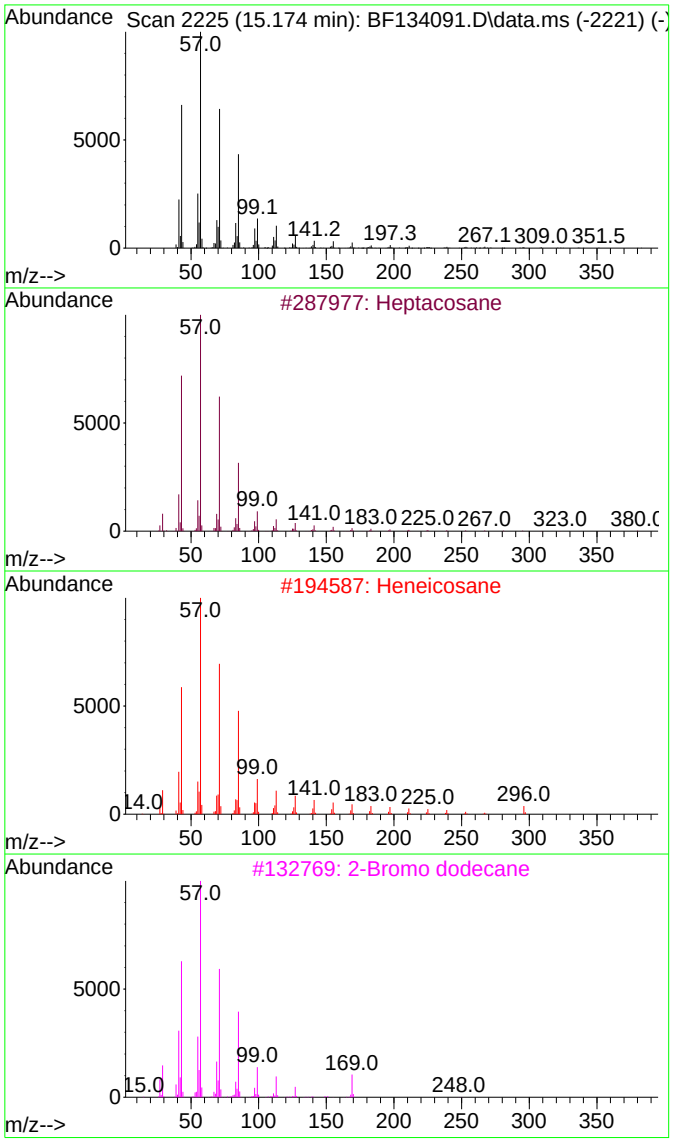
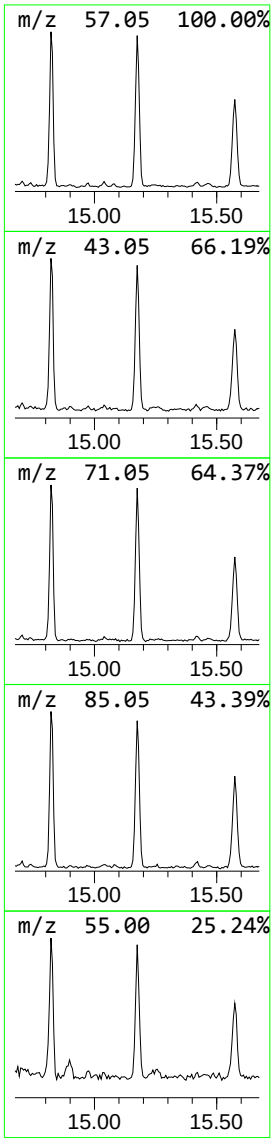
Peak Number 14 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	19.75 ng	531296	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Heneicosane	296	C21H44	000629-94-7	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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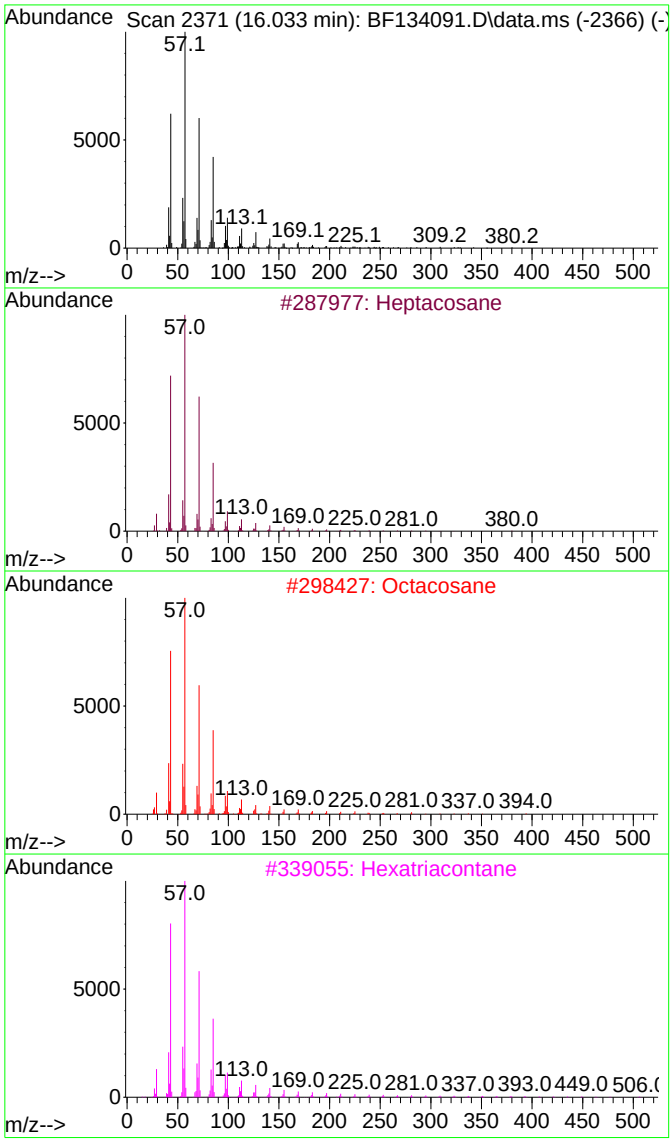
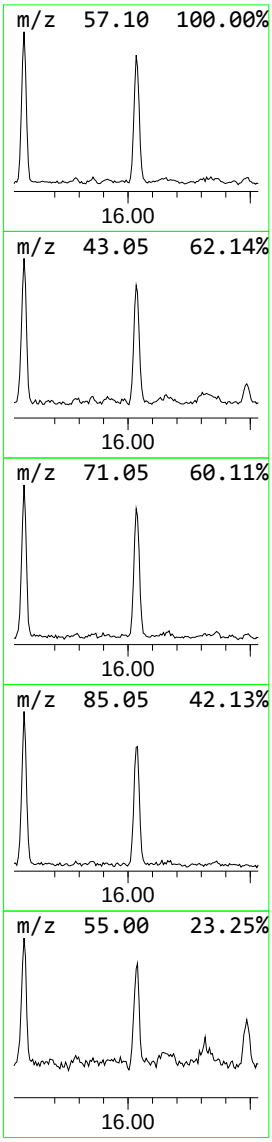
Peak Number 15 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	12.89 ng	346734	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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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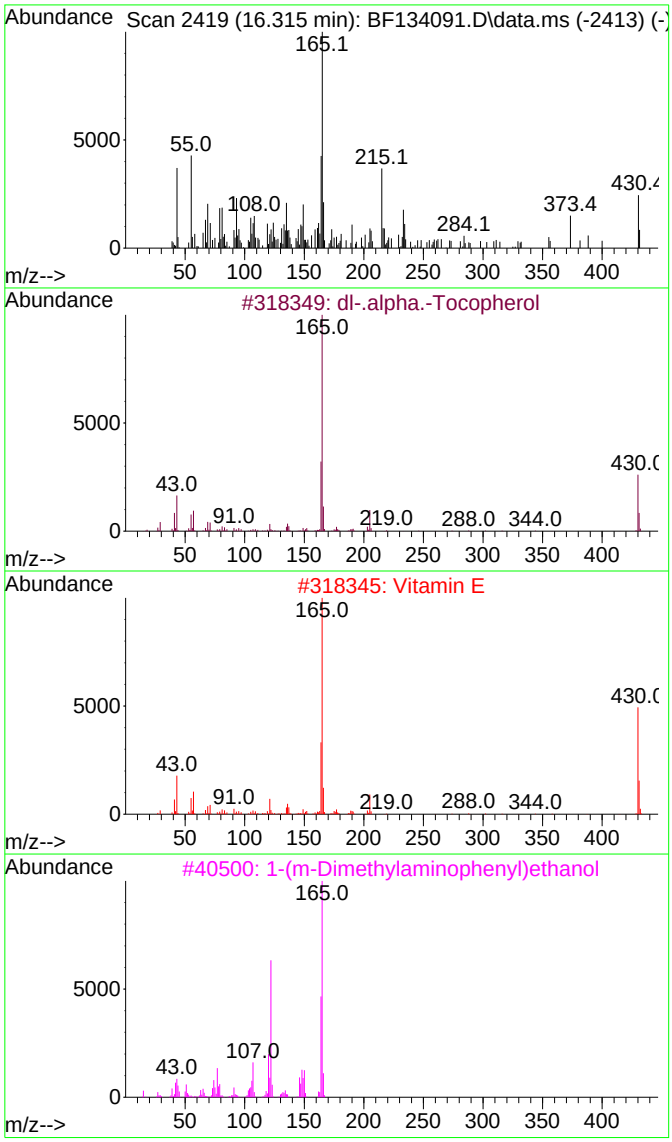
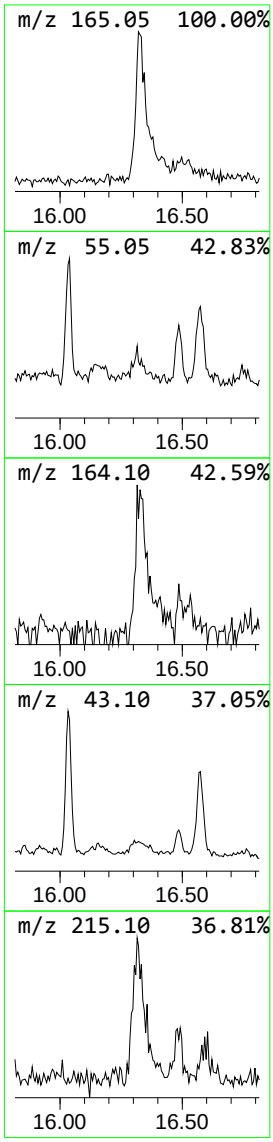
Peak Number 16 dl-.alpha.-Tocopherol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.315	3.42 ng	91943	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	52
2	Vitamin E	430	C29H50O2	000059-02-9	50
3	1-(m-Dimethylaminophenyl)ethanol	165	C10H15NO	005339-01-5	46
4	s-Triazolo[4,3-a]pyridine-3-thio...	165	C7H7N3S	004926-22-1	43
5	3,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	058910-42-2	43





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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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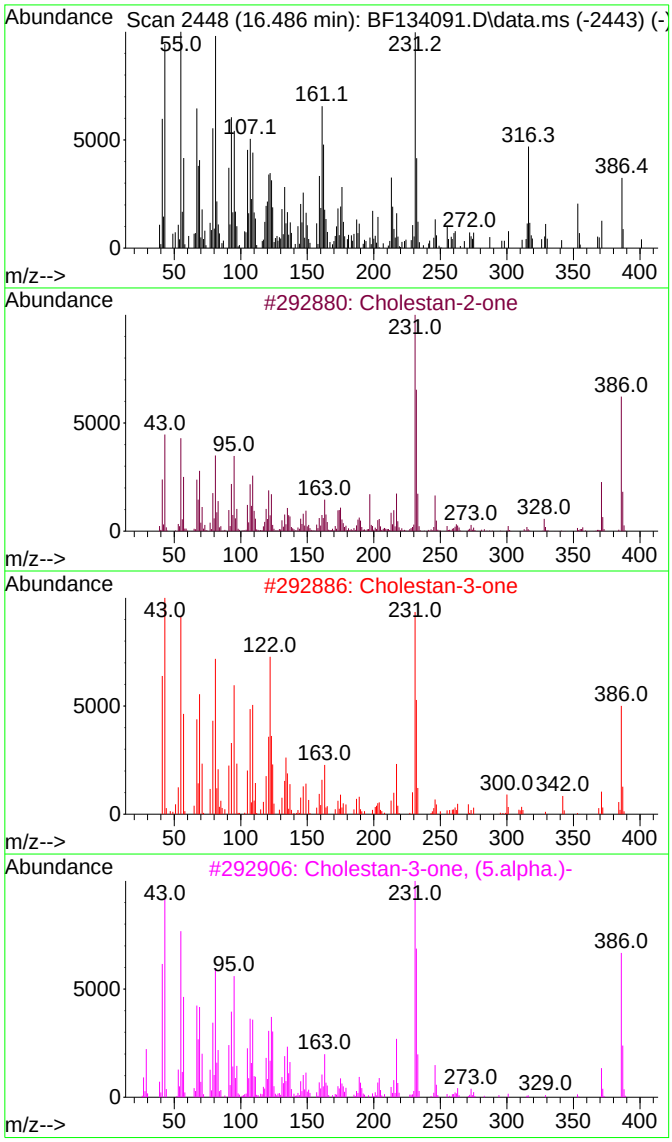
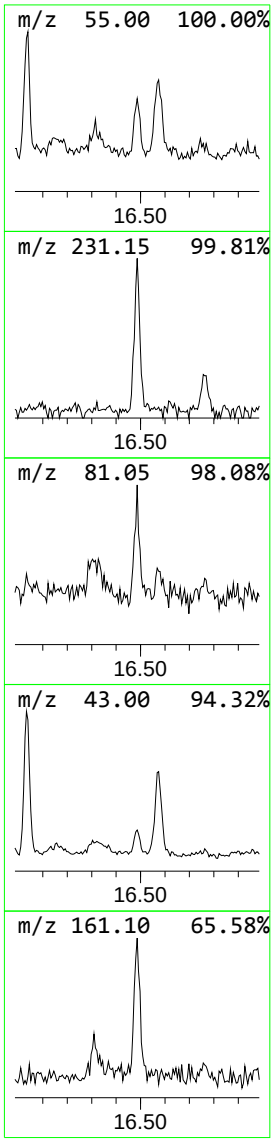
Peak Number 17 Cholestan-2-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	7.77 ng	209153	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-2-one	386	C27H46O	1010210-43-4	55
2	Cholestan-3-one	386	C27H46O	015600-08-5	42
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	38
4	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	015798-13-7	35
5	Cholesterol	386	C27H46O	000057-88-5	30





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Instrument :
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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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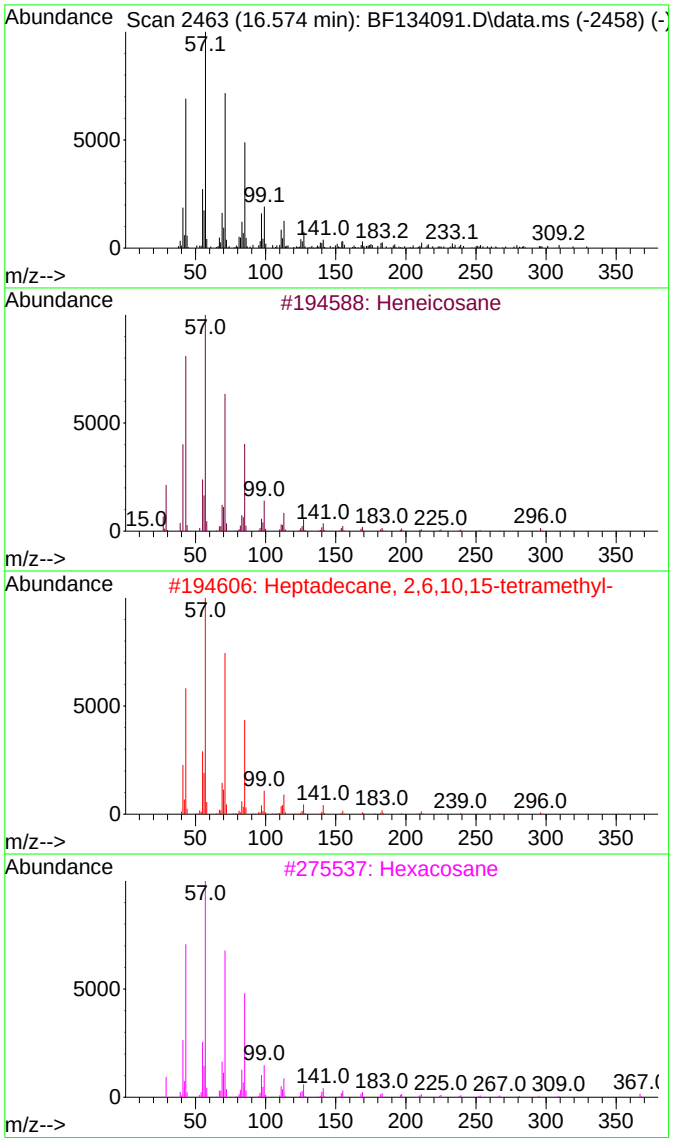
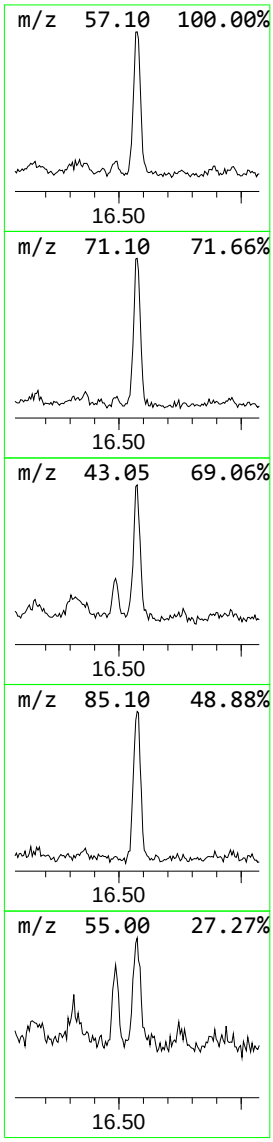
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.574	11.96 ng	321886	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87





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ALS Vial : 20 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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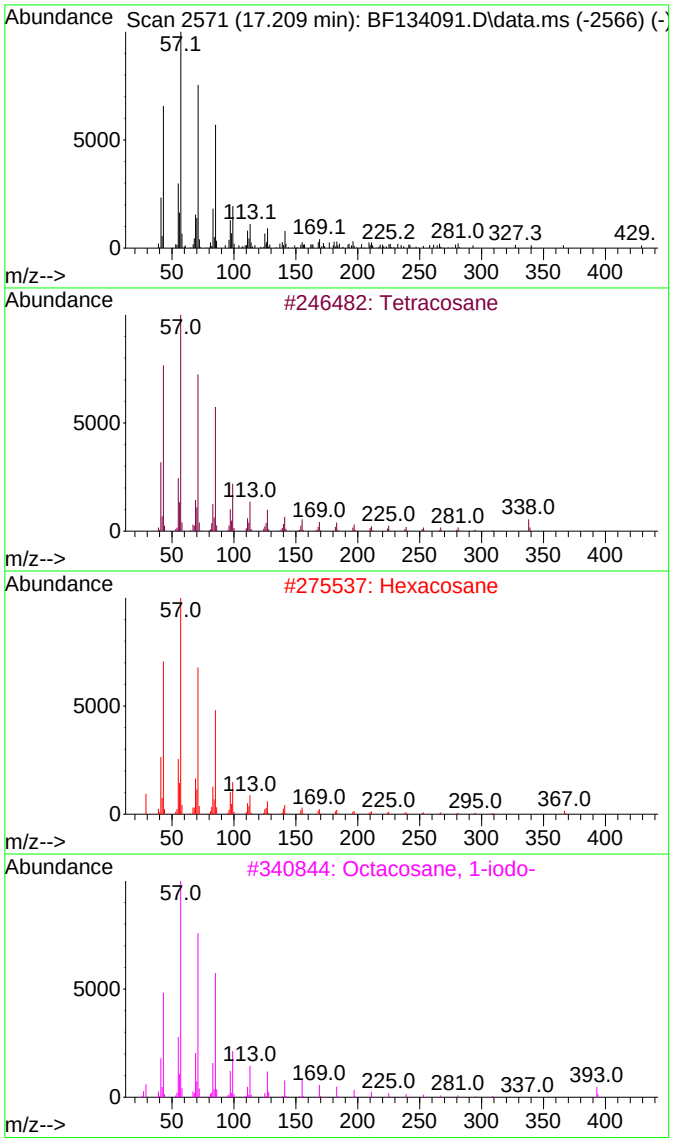
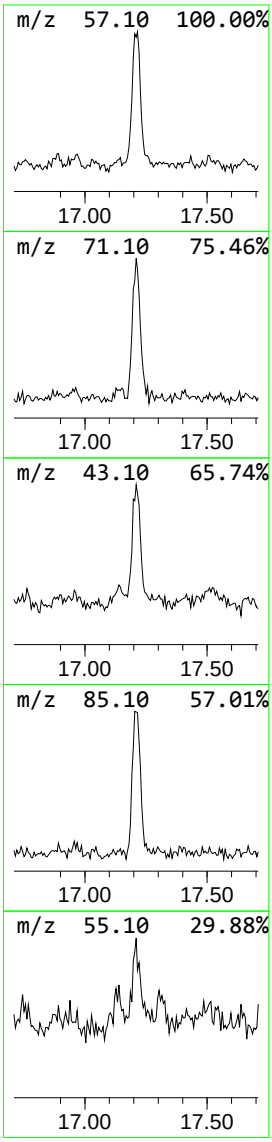
Peak Number 19 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.209	6.92 ng	186093	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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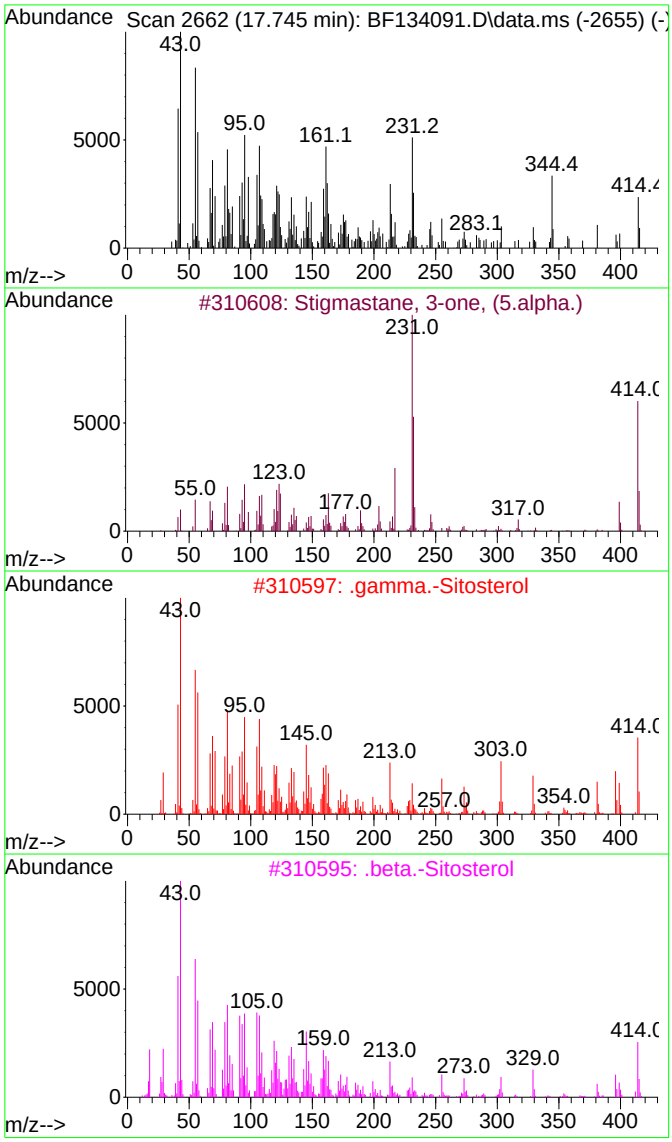
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

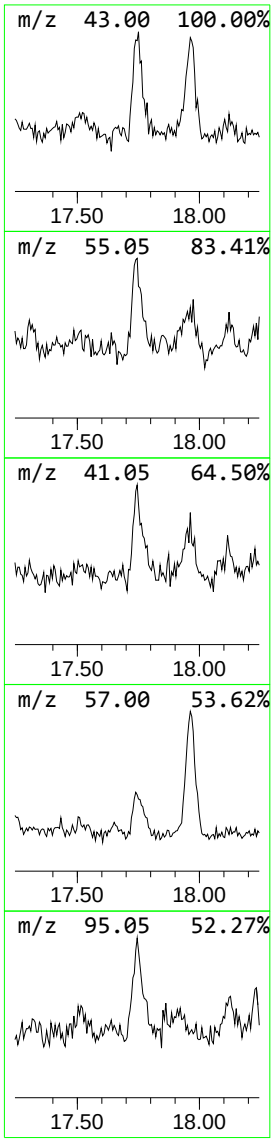
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Stigmastane, 3-one, (5.alpha.) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	14.28 ng	384340	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastane, 3-one, (5.alpha.)	414	C29H50O	1000437-00-8	70
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	49
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	41
4	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	38
5	Coprost-25-en-16,22-epoxy-3.alph...	400	C27H44O2	122337-93-3	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134091.D
Acq On : 06 Jul 2023 05:04
Operator : CG\JU
Sample : 03473-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-009

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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...	2.175	32.3	ng	1272390	1	6.845	786853	20.0
2-Pentanone, 4-...	5.098	5.0	ng	196409	1	6.845	786853	20.0
Benzophenone	10.598	4.9	ng	234371	3	9.880	954568	20.0
n-Hexadecanoic ...	11.904	3.2	ng	135793	4	11.374	840138	20.0
2-((8Z,11Z)-Hep...	12.810	4.6	ng	183120	5	14.039	794755	20.0
Hexadecane	13.204	5.1	ng	203186	5	14.039	794755	20.0
unknown13.392	13.392	6.7	ng	265496	5	14.039	794755	20.0
Nonadecane	13.551	6.7	ng	266678	5	14.039	794755	20.0
Hexacosane	13.880	17.7	ng	702818	5	14.039	794755	20.0
Octadecane, 2-m...	14.198	10.1	ng	399172	5	14.039	794755	20.0
Heptacosane	14.510	12.4	ng	494119	5	14.039	794755	20.0
Octadecane	14.821	20.1	ng	541880	6	15.539	538154	20.0
Supraene	14.898	6.4	ng	173273	6	15.539	538154	20.0
Heneicosane	15.174	19.8	ng	531296	6	15.539	538154	20.0
Octacosane	16.033	12.9	ng	346734	6	15.539	538154	20.0
dl-.alpha.-Toco...	16.315	3.4	ng	91943	6	15.539	538154	20.0
Cholestan-2-one	16.486	7.8	ng	209153	6	15.539	538154	20.0
Heptadecane, 2,...	16.574	12.0	ng	321886	6	15.539	538154	20.0
Tetracosane	17.209	6.9	ng	186093	6	15.539	538154	20.0
Stigmastane, 3-...	17.745	14.3	ng	384340	6	15.539	538154	20.0