LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.351	551	555	575	rBV	1737721	2068006	29.95%	4.681%
2	6.375	725	729	755	rVB	2033537	2096468	30.36%	4.745%
3	6.722	785	788	797	rVB	651530	565184	8.19%	1.279%
4	7.292	881	885	899	rBV	1504961	1444923	20.93%	3.271%
5	8.010	1003	1007	1019	rBV	746220	750764	10.87%	1.699%
6	9.081	1184	1189	1192	rBV	2535509	2318429	33.58%	5.248%
7	9.198	1205	1209	1219	rVB	173624	195418	2.83%	0.442%
8	9.481	1253	1257	1264	rBV	249193	219153	3.17%	0.496%
9	9.757	1300	1304	1309	rBV	948634	852265	12.34%	1.929%
10	10.551	1436	1439	1456	rVB	1188908	1124398	16.29%	2.545%
11	11.245	1553	1557	1560	rBV	979603	857998	12.43%	1.942%
12	11.786	1638	1649	1656	rBV	947868	1824491	26.42%	4.130%
13	11.975	1666	1681	1682	rBV	662743	1924405	27.87%	4.356%
14	12.316	1735	1739	1749	rBV7	38259	90765	1.31%	0.205%
15	12.463	1761	1764	1767	rBV	148221	190889	2.76%	0.432%
16	12.569	1775	1782	1794	rVV	1103920	2017104	29.21%	4.566%
17	12.692	1801	1803	1807	rVB	97066	88320	1.28%	0.200%
18	12.833	1822	1827	1830	rVB	2435756	2153410	31.19%	4.874%
19	13.027	1853	1860	1873	rVB4	148970	473049	6.85%	1.071%
20	13.469	1918	1935	1936	rBV	2559962	6904485	100.00%	15.628%
21	13.751	1980	1983	1991	rVB2	169707	266572	3.86%	0.603%
22	13.857	1998	2001	2004	rBV	145929	161399	2.34%	0.365%
23	13.892	2004	2007	2010	rVB	664408	603385	8.74%	1.366%
24	14.016	2016	2028	2035	rBV4	491383	1516228	21.96%	3.432%
25	14.268	2058	2071	2080	rBV	2634718	6612930	95.78%	14.968%
26	14.345	2081	2084	2088	rVB	90856	95336	1.38%	0.216%
27	14.639	2129	2134	2140	rVB	200677	310038	4.49%	0.702%
28	14.710	2141	2146	2155	rVB2	135268	243135	3.52%	0.550%
29	14.886	2167	2176	2185	rBV	1327602	2630602	38.10%	5.954%
30	14.957	2185	2188	2194	rVB2	146038	191097	2.77%	0.433%
31	15.327	2247	2251	2260	rVB2	751305	1426504	20.66%	3.229%
32	15.580	2285	2294	2311	rVB2	331380	957720	13.87%	2.168%
33	15.721	2314	2318	2324	rVB	82486	117971	1.71%	0.267%
34	15.968	2353	2360	2368	rBV3	88661	213138	3.09%	0.482%
35	16.192	2394	2398	2405	rVB	52010	93990	1.36%	0.213%
36	16.386	2424	2431	2440	rVB	141627	358854	5.20%	0.812%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.345	2588	2594	2607	rVB3	63471	221355	3.21%	0.501%

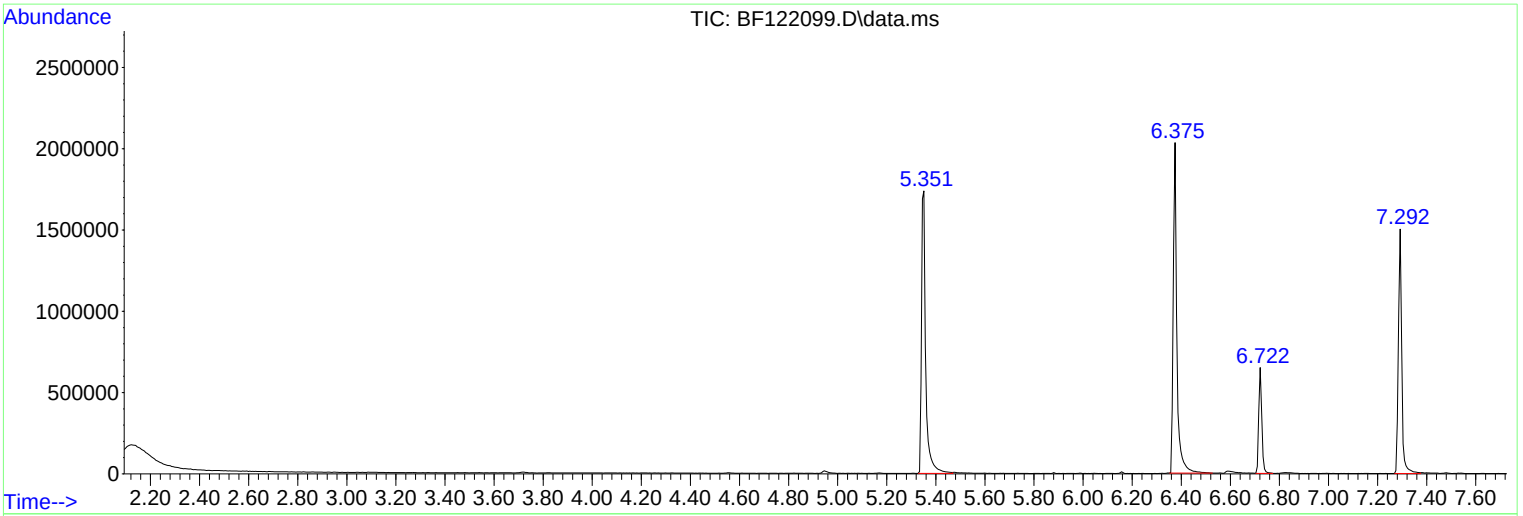
Sum of corrected areas: 44180178

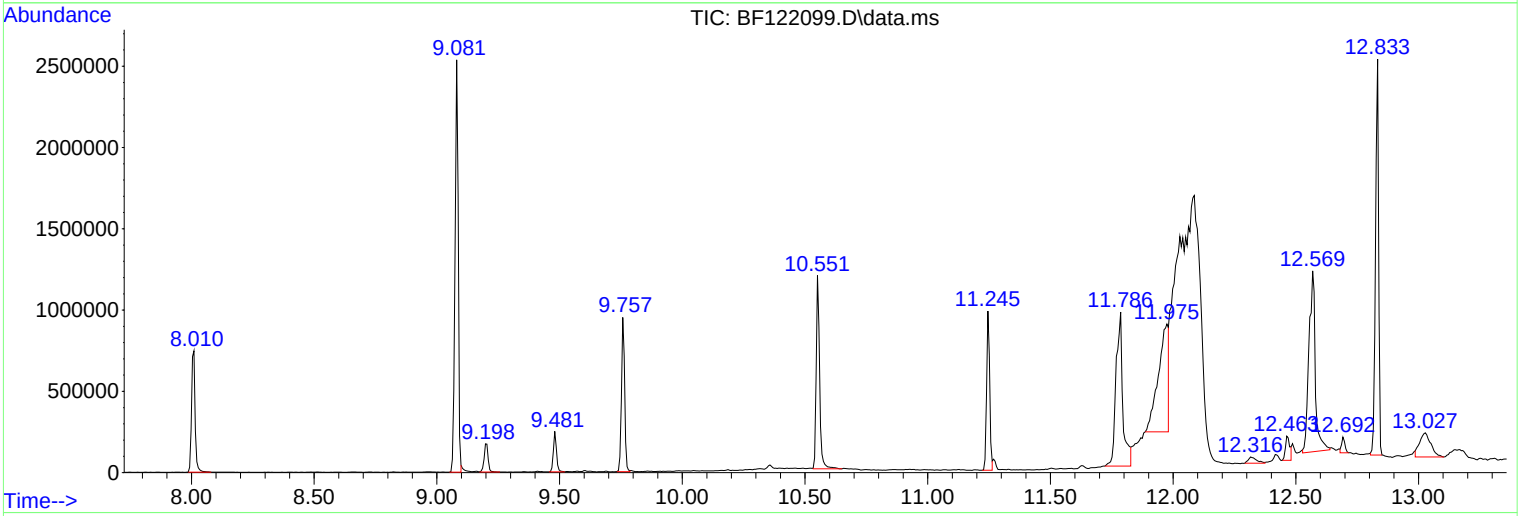
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

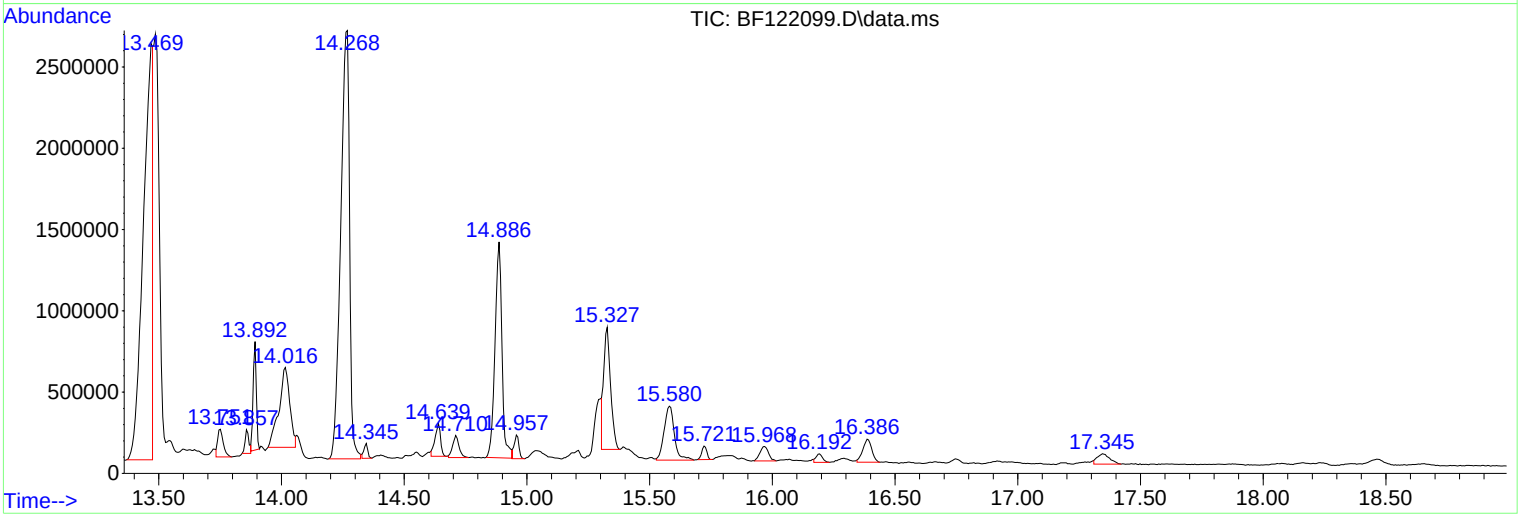
Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

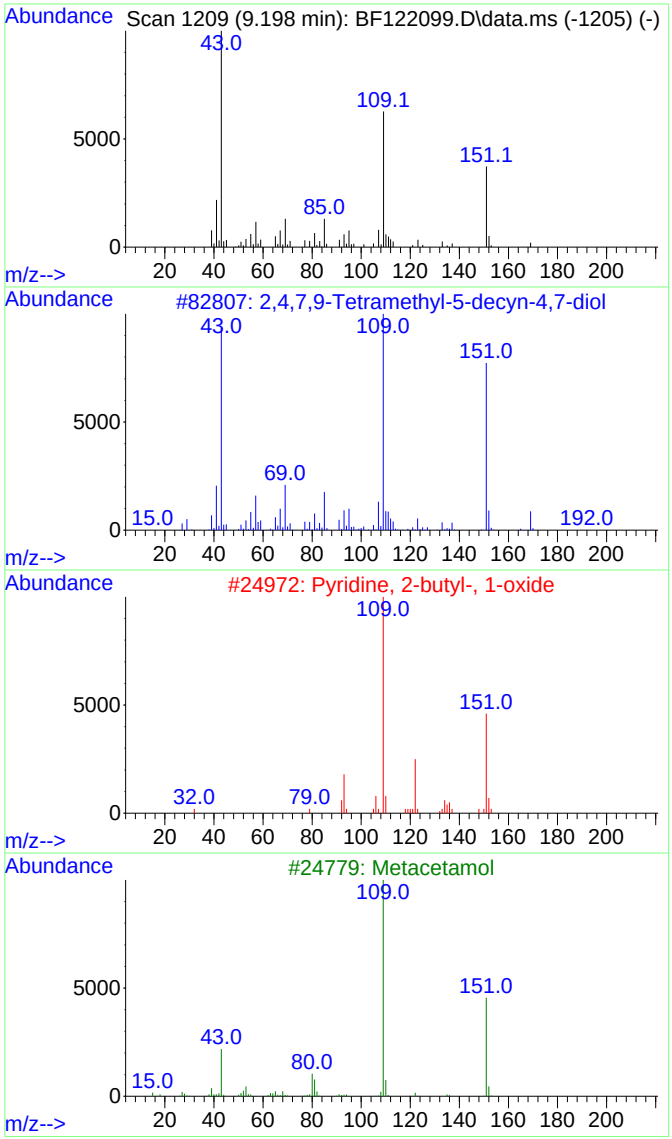
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

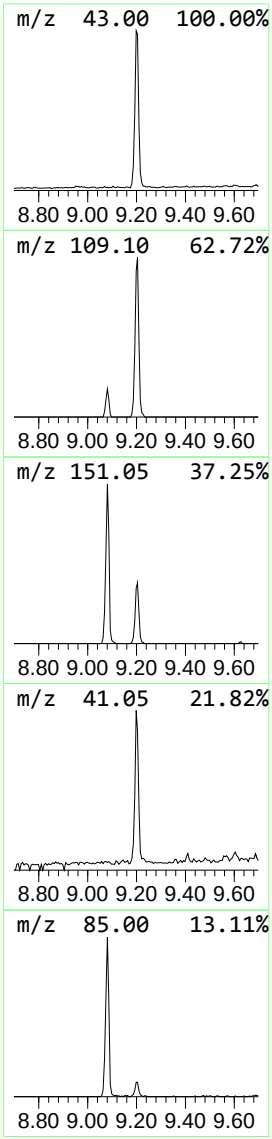
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.198	4.59 ng	195418	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Metacetamol	151	C8H9NO2	000621-42-1	47
4	Acetaminophen	151	C8H9NO2	000103-90-2	47
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

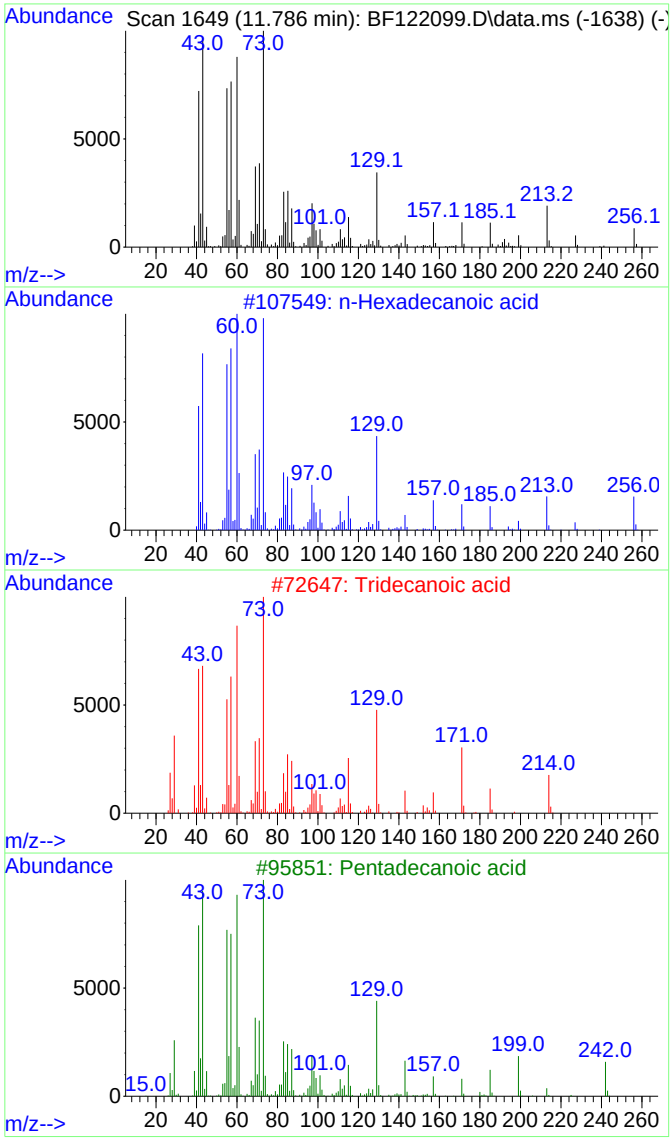
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

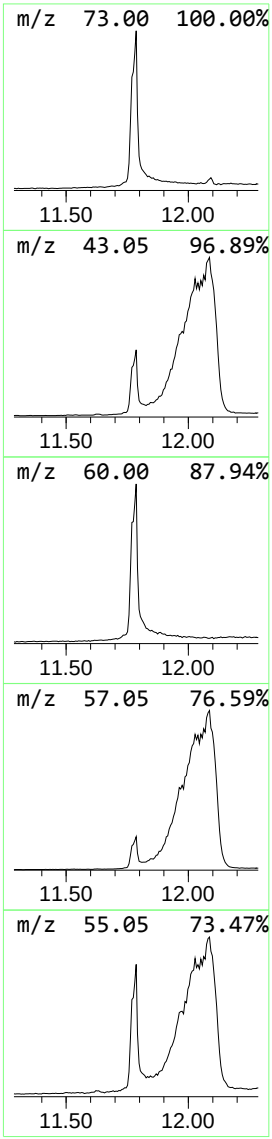
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	42.53 ng	1824490	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

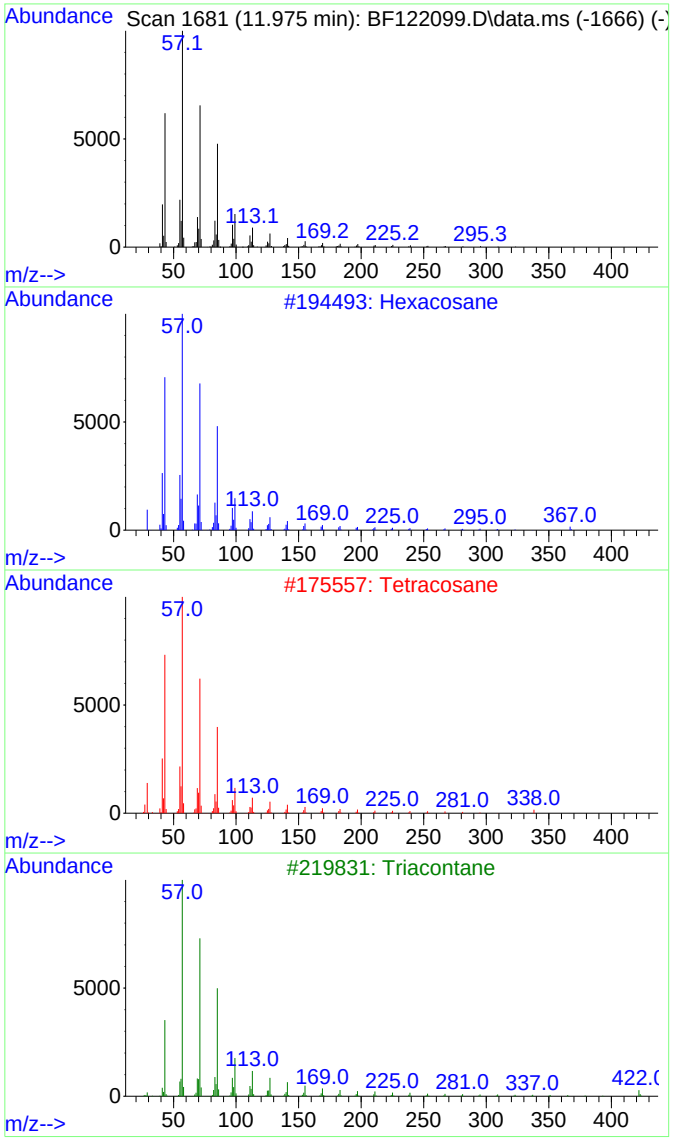
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

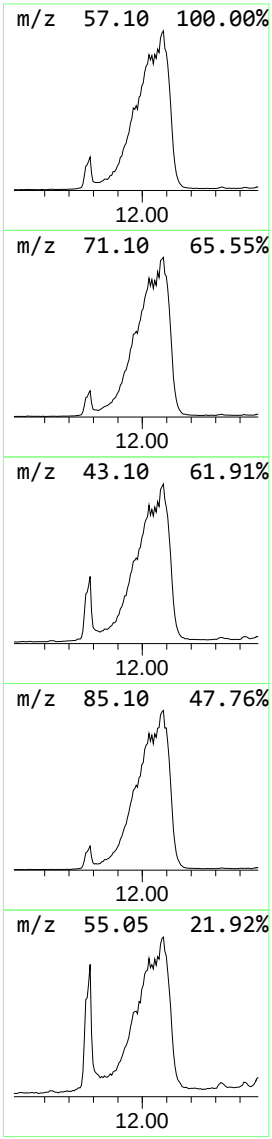
****

Peak Number 3 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	44.86 ng	1924410	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

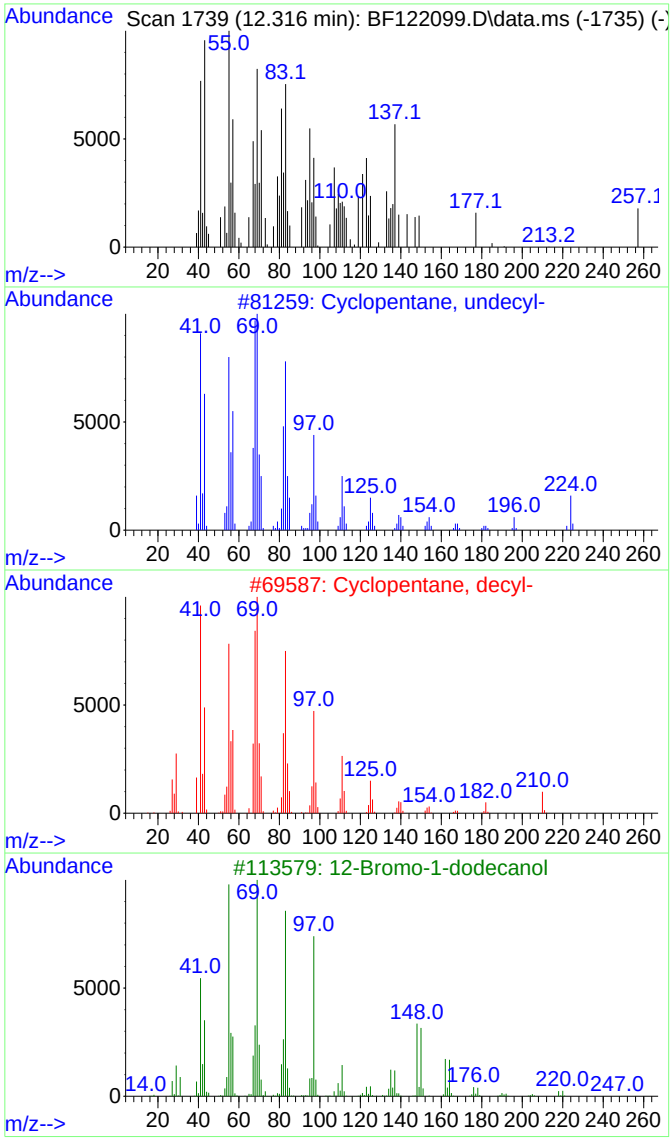
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

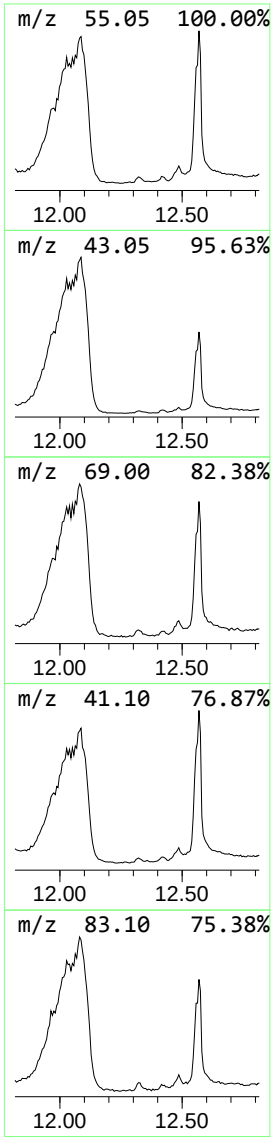
****

Peak Number 4 unknown12.31 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	2.12 ng	90765	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, undecyl-	224	C16H32	006785-23-5	43
2	Cyclopentane, decyl-	210	C15H30	001795-21-7	43
3	12-Bromo-1-dodecanol	264	C12H25BrO	003344-77-2	38
4	Octadecanal	268	C18H36O	000638-66-4	30
5	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

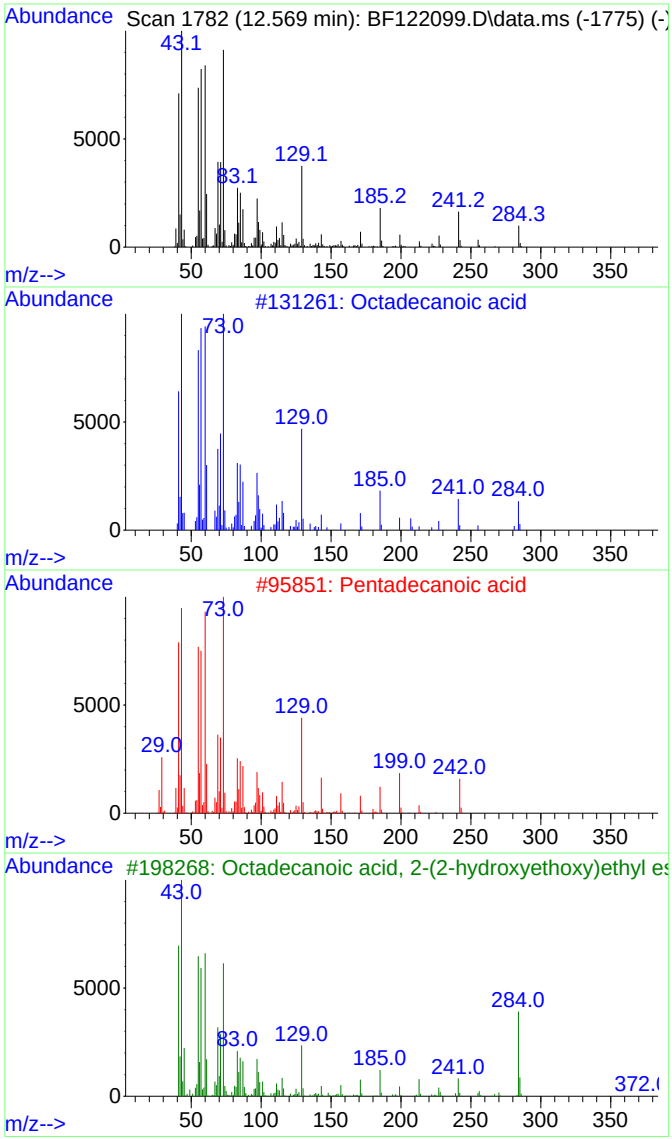
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

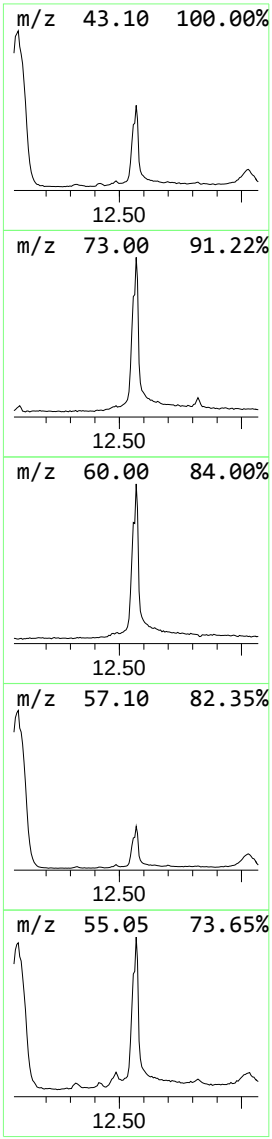
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	47.02 ng	2017100	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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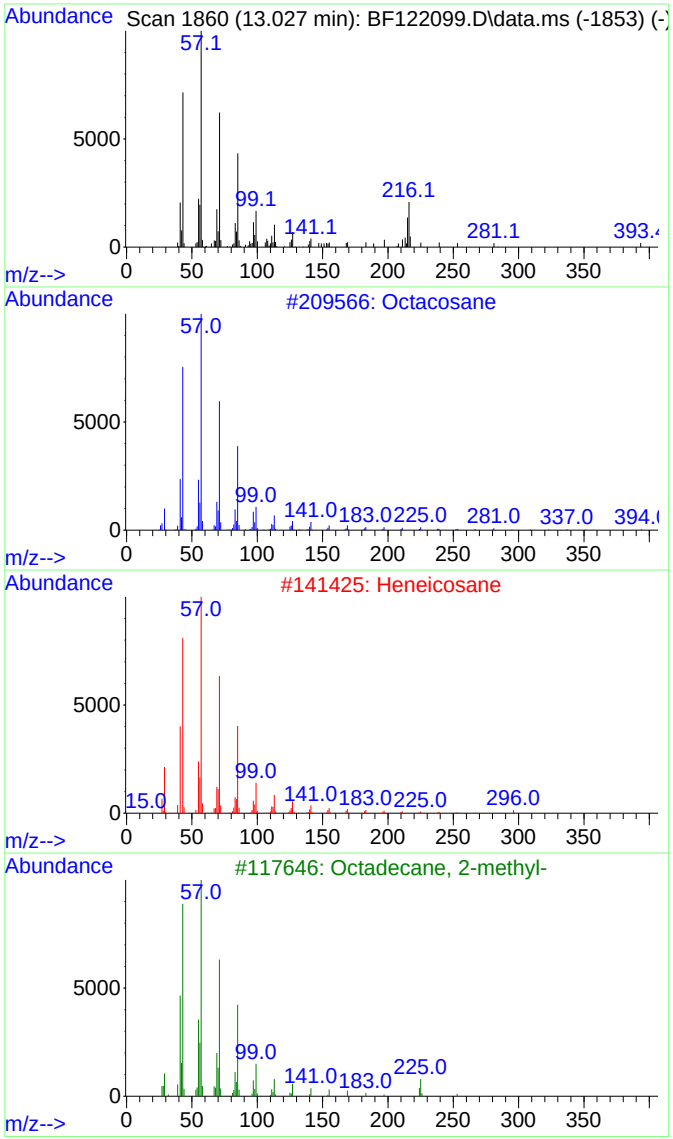
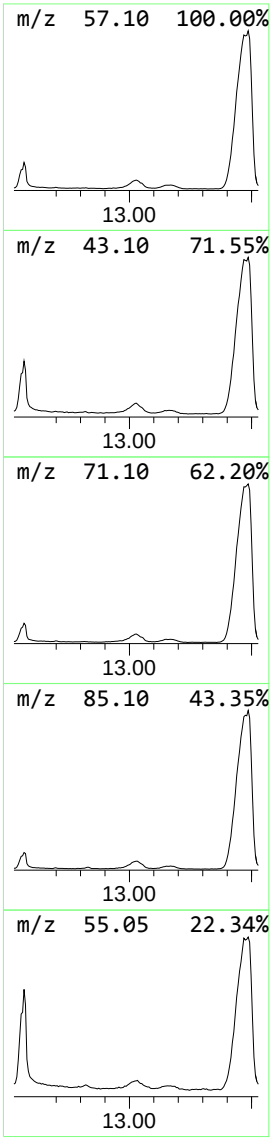
Peak Number 6 Octadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	15.68 ng	473049	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	76
2	Heneicosane	296	C21H44	000629-94-7	74
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	74
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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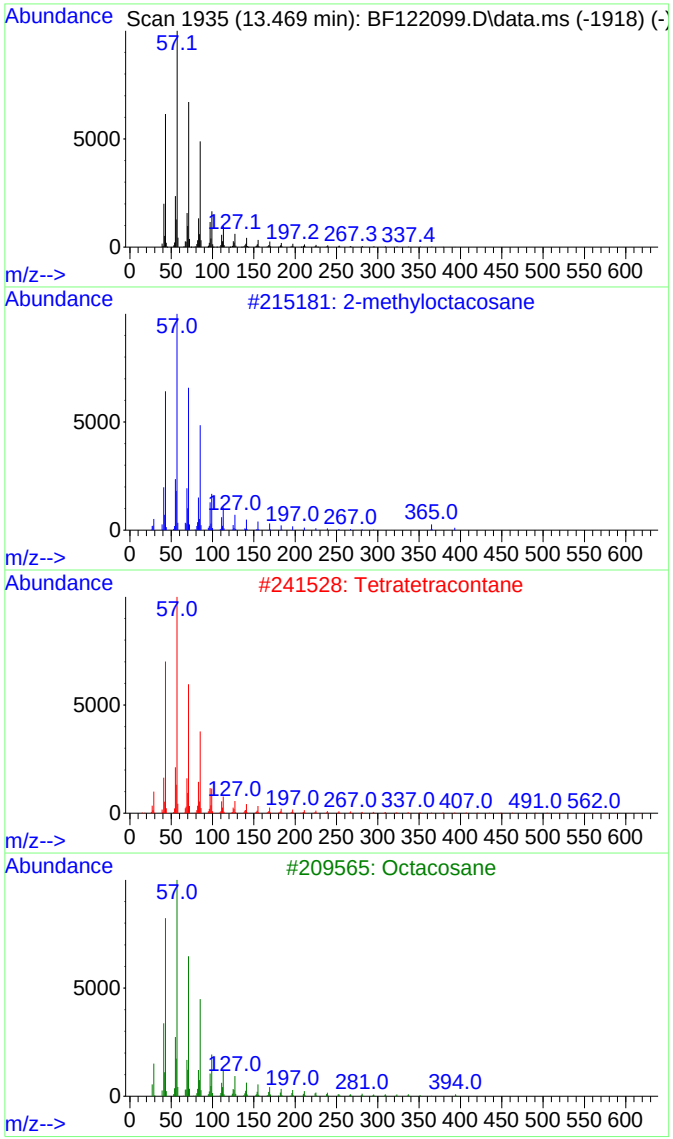
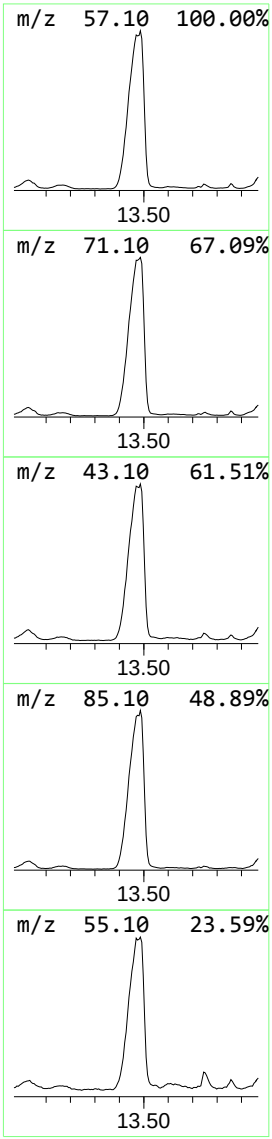
Peak Number 7 2-methyloctacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	228.86 ng	6904490	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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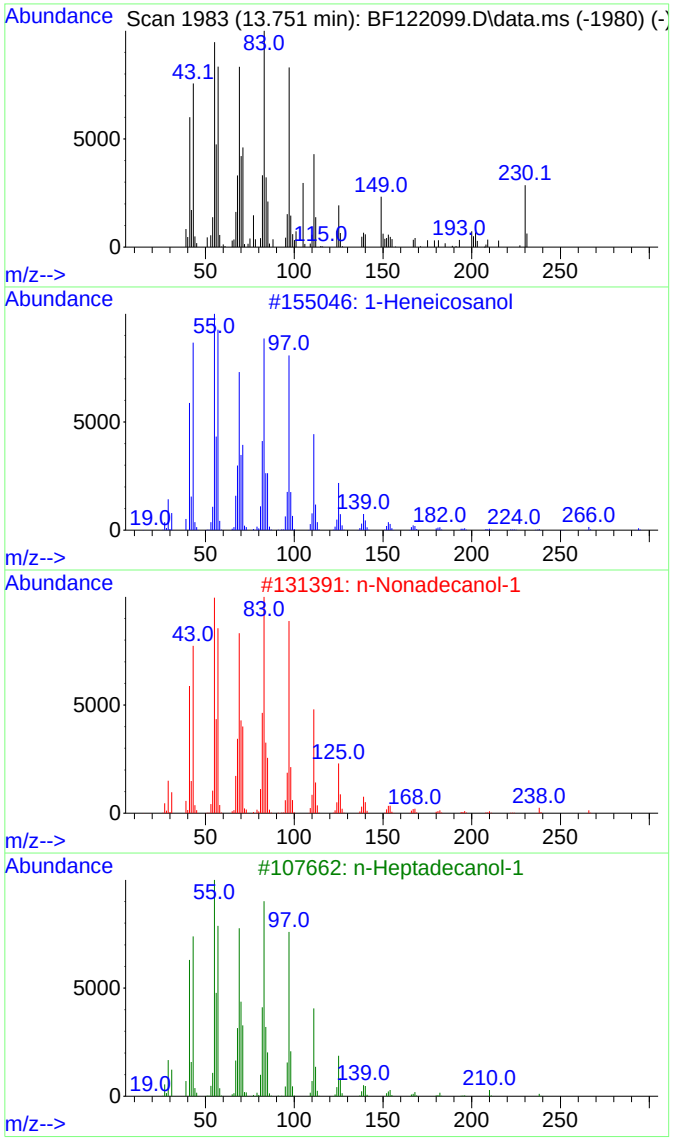
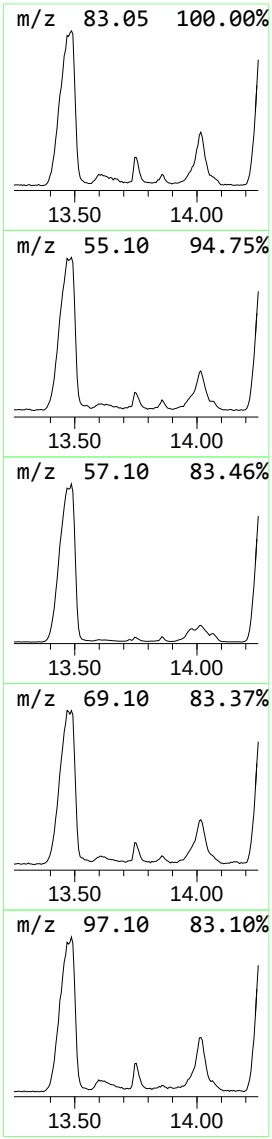
Peak Number 8 1-Heneicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	8.84 ng	266572	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
5	1-Nonadecene	266	C19H38	018435-45-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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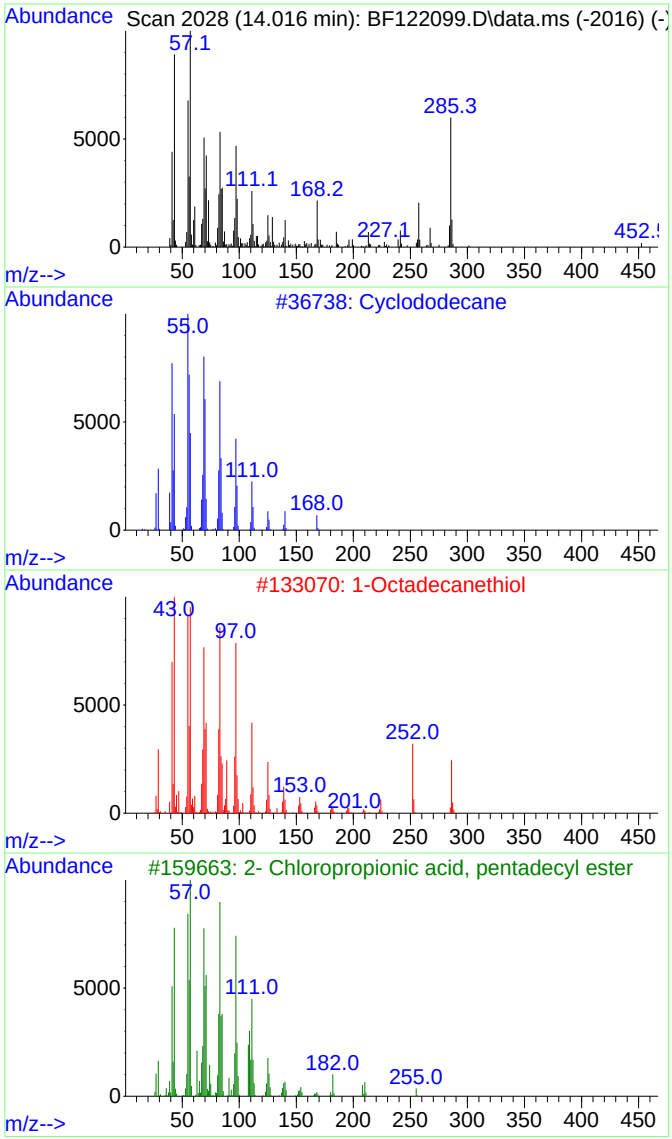
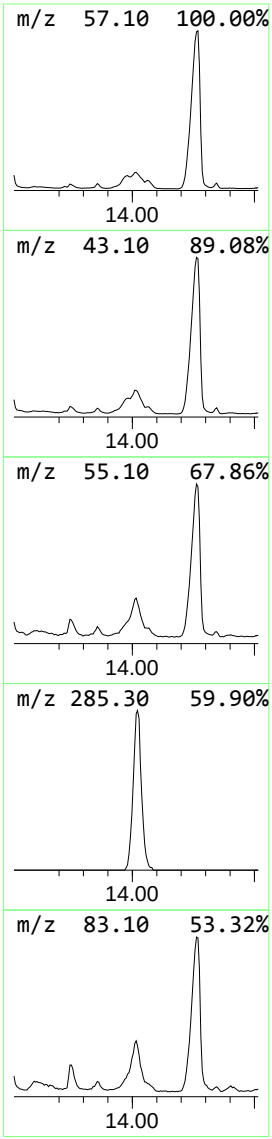
Peak Number 9 Cyclododecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.015	50.26 ng	1516230	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	84
2	1-Octadecanethiol	286	C18H38S	002885-00-9	59
3	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	50
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	46
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	46





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Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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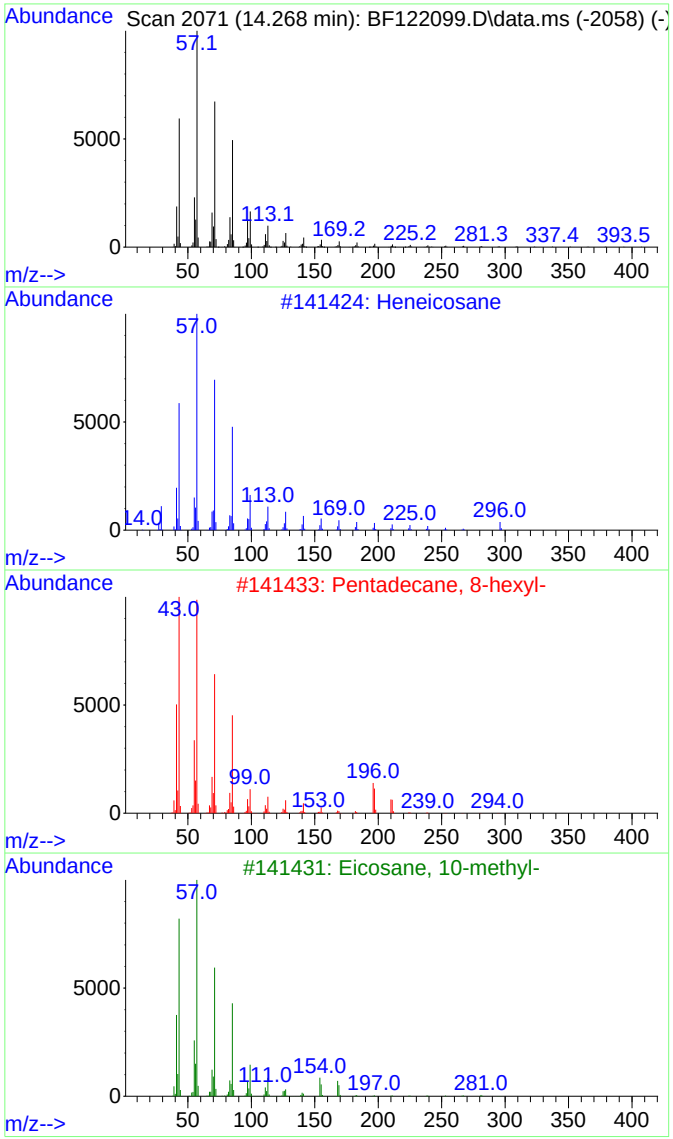
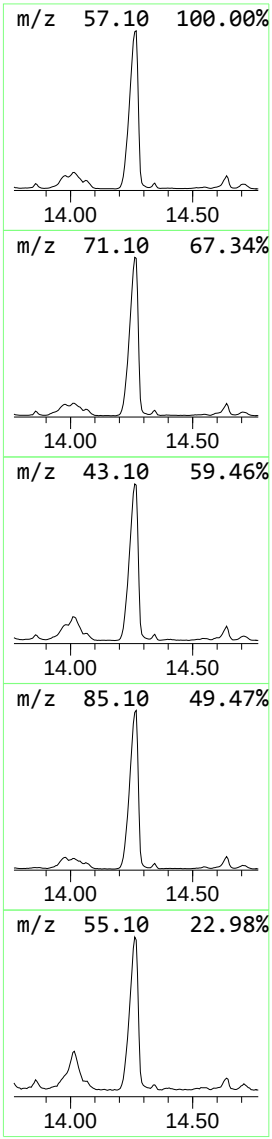
Peak Number 10 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	219.19 ng	6612930	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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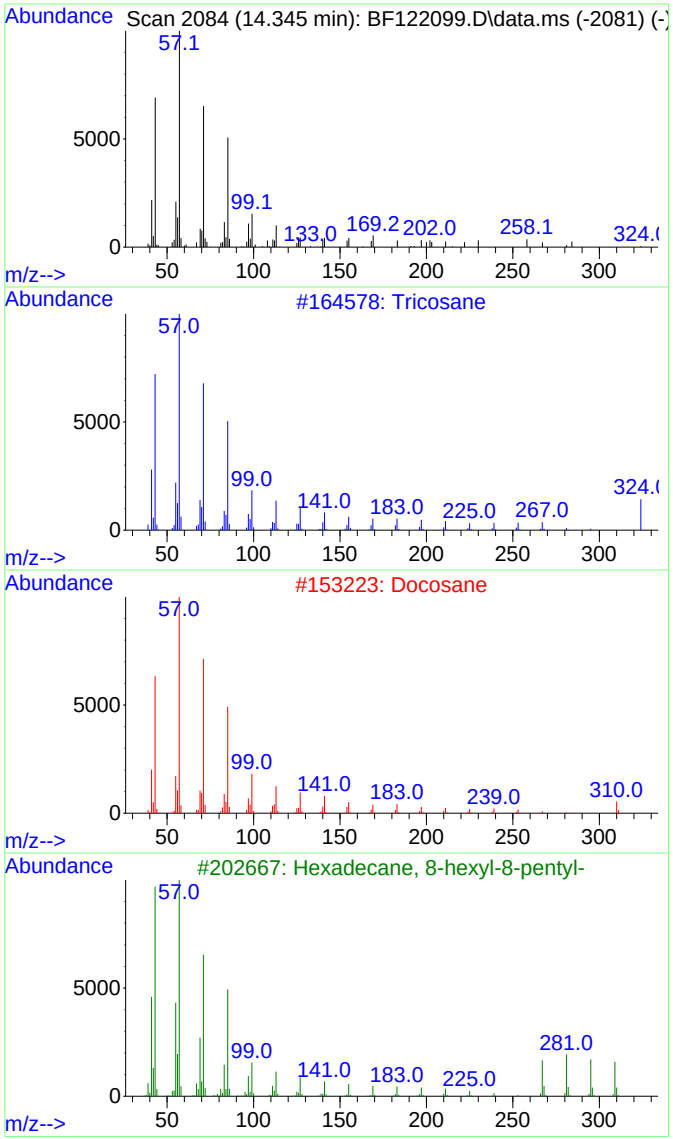
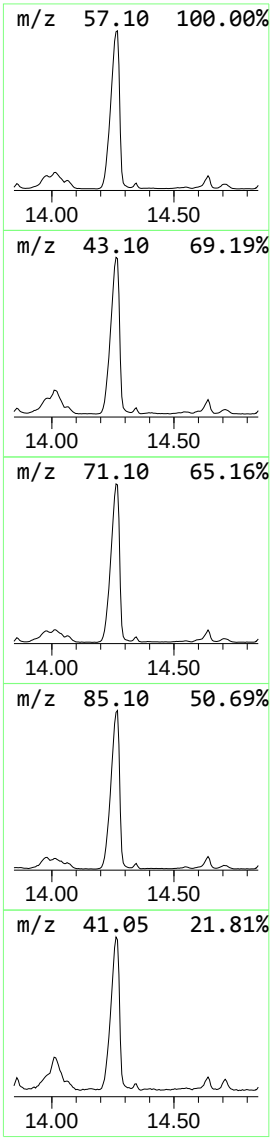
Peak Number 11 Tricosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	3.16 ng	95336	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Docosane	310	C22H46	000629-97-0	87
3	Hexadecane, 8-hexyl-8-pentyl-	380	C27H56	055282-29-6	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Hentriacontane	437	C31H64	000630-04-6	86





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Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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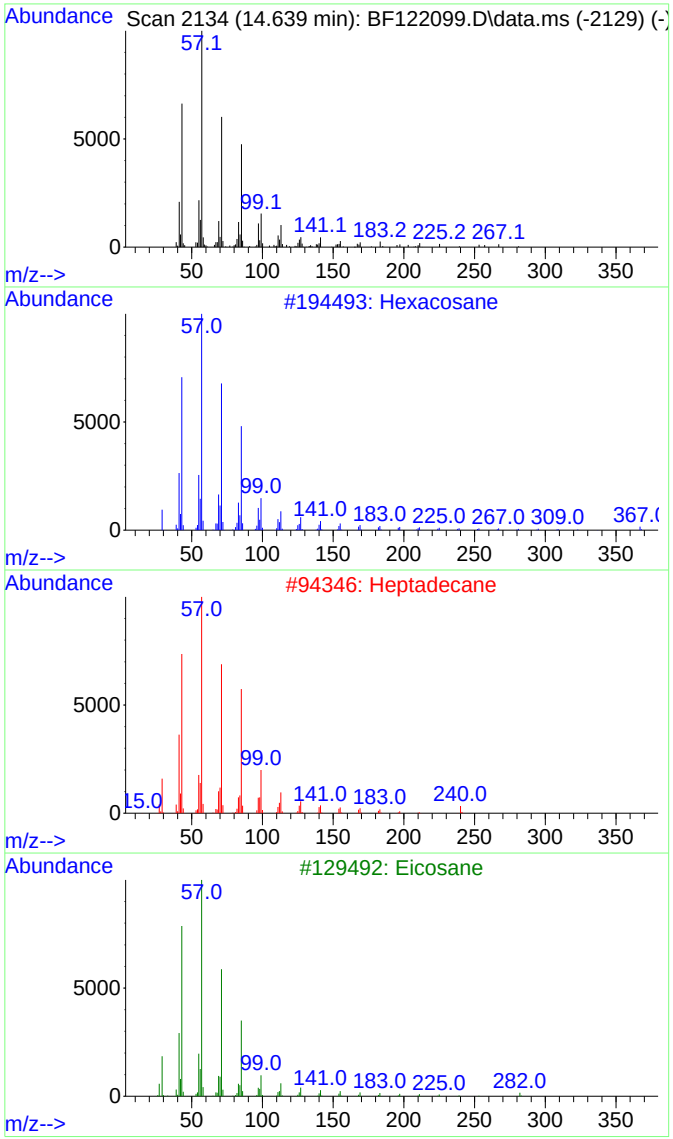
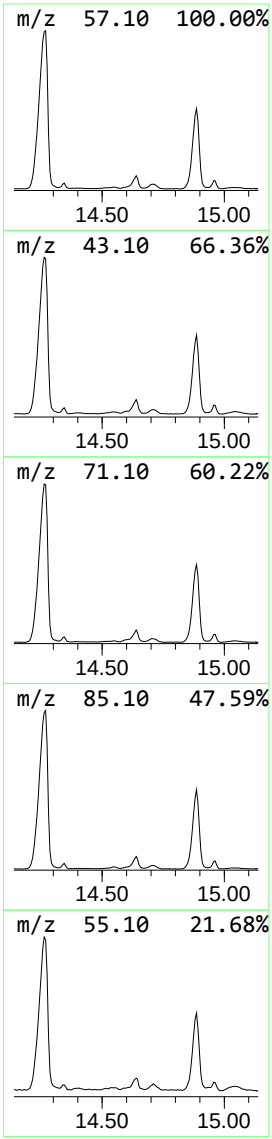
Peak Number 12 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	4.35 ng	310038	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5	Octadecane	254	C18H38	000593-45-3	87





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Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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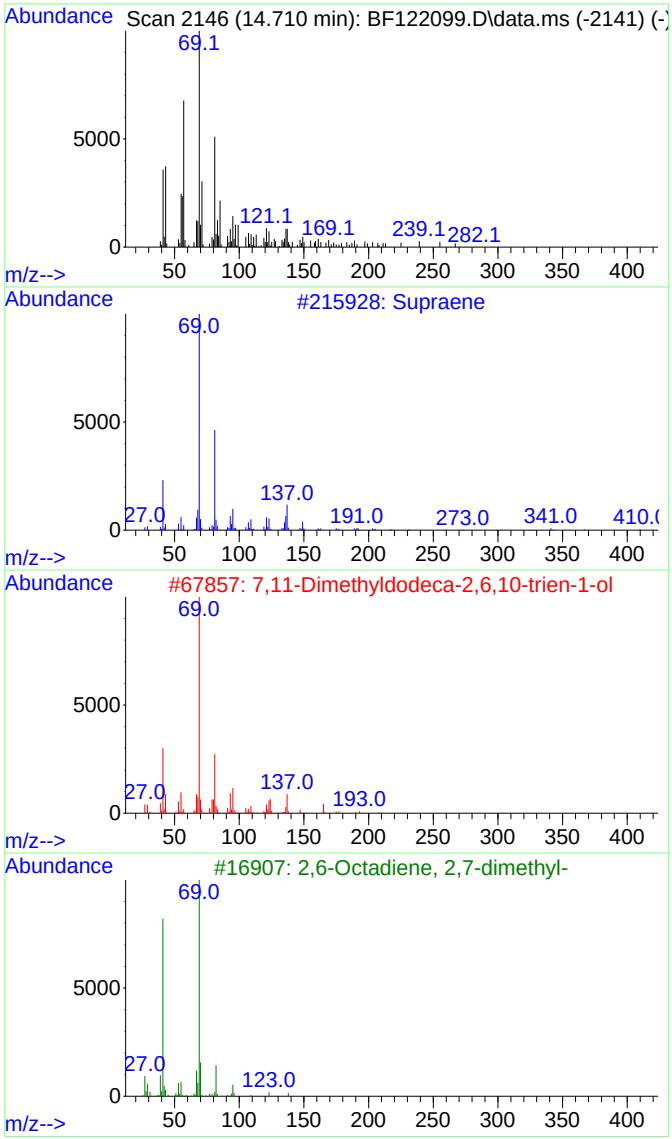
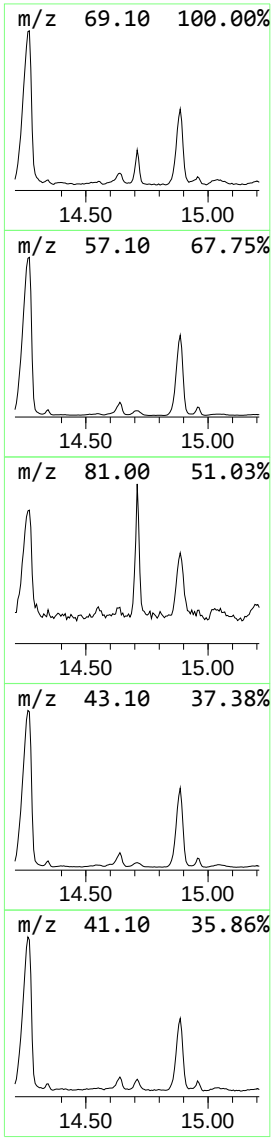
Peak Number 13 unknown14.71 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	3.41 ng	243135	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	49
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	43
3	2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	38
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	38
5	Squalene	410	C30H50	000111-02-4	35





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Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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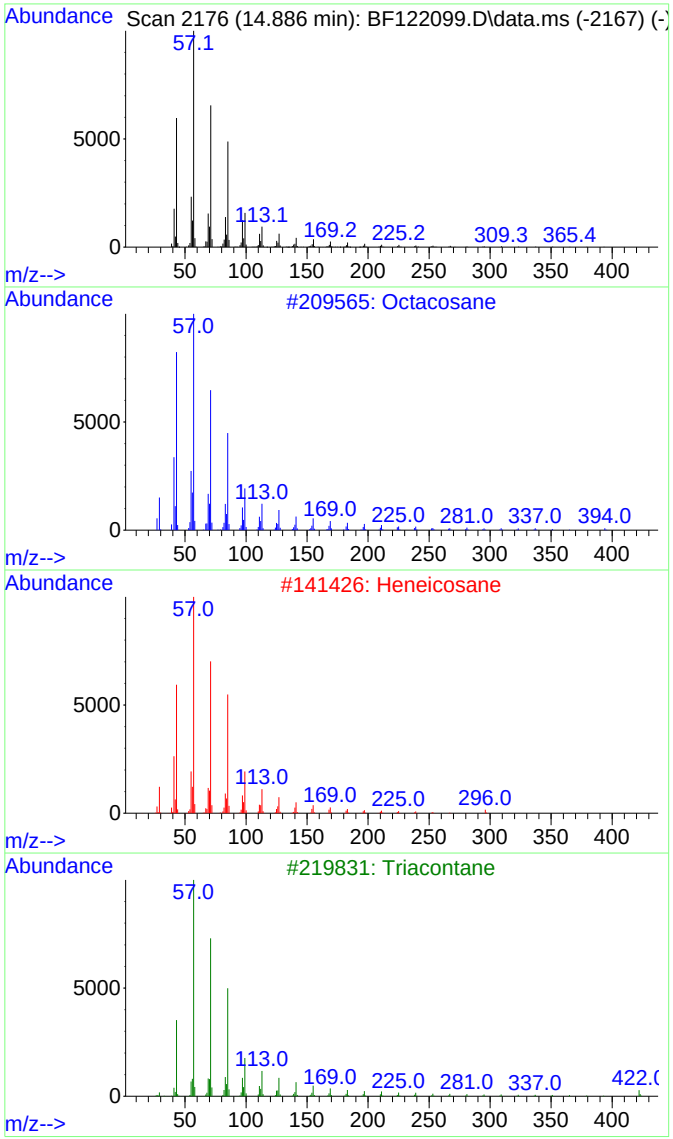
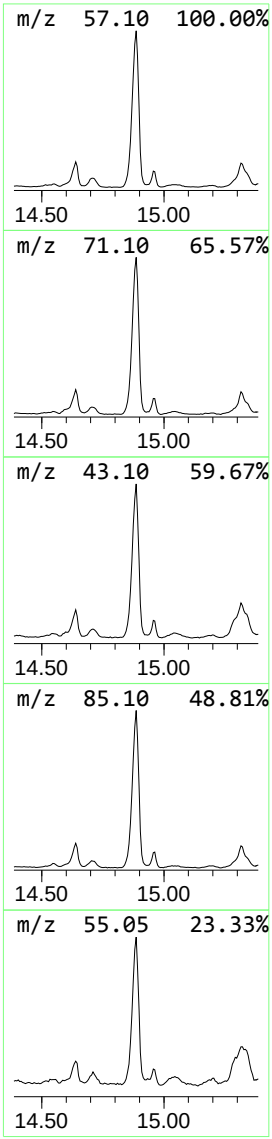
Peak Number 14 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	36.88 ng	2630600	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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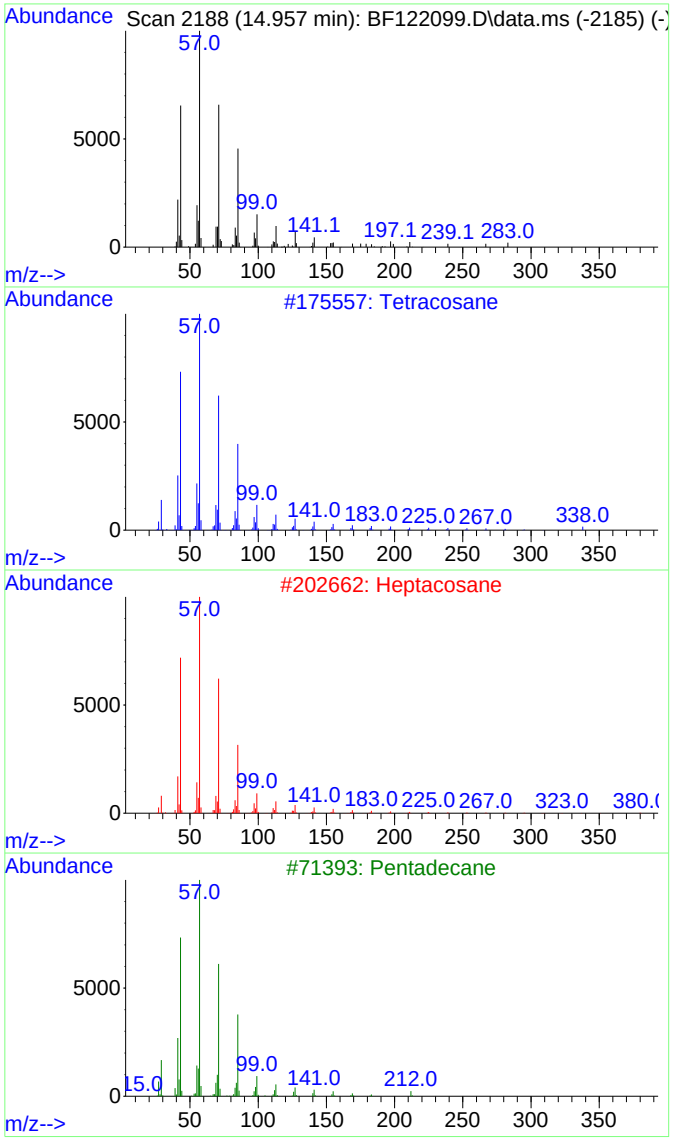
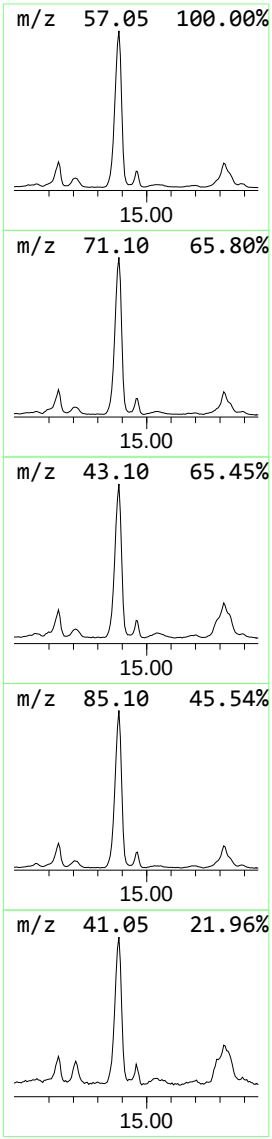
Peak Number 15 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	2.68 ng	191097	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Docosane	310	C22H46	000629-97-0	90





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Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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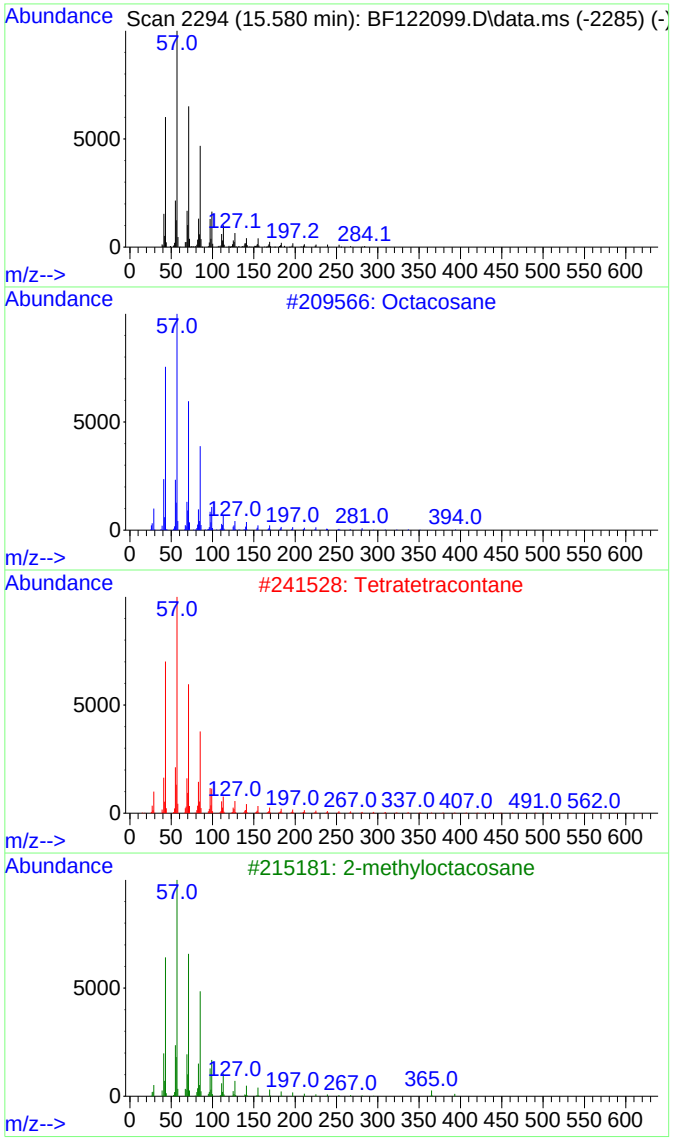
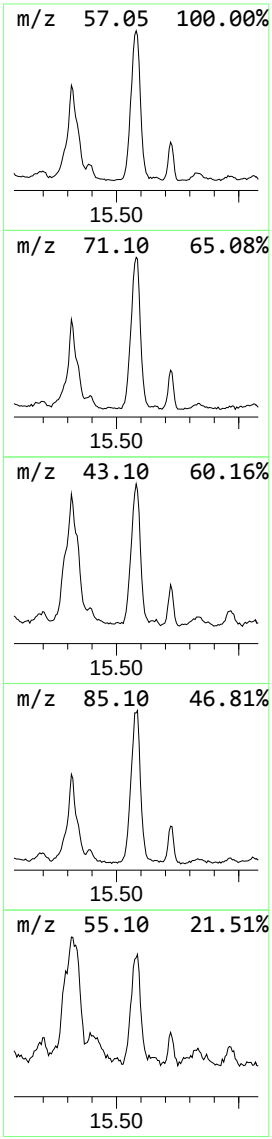
Peak Number 16 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.580	13.43 ng	957720	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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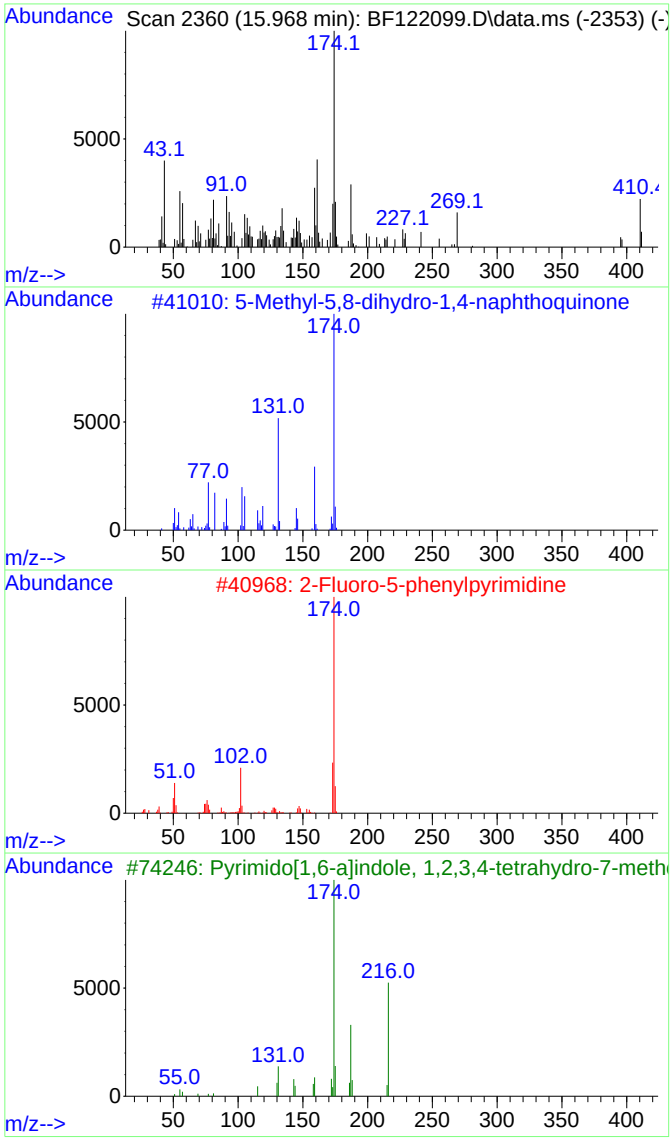
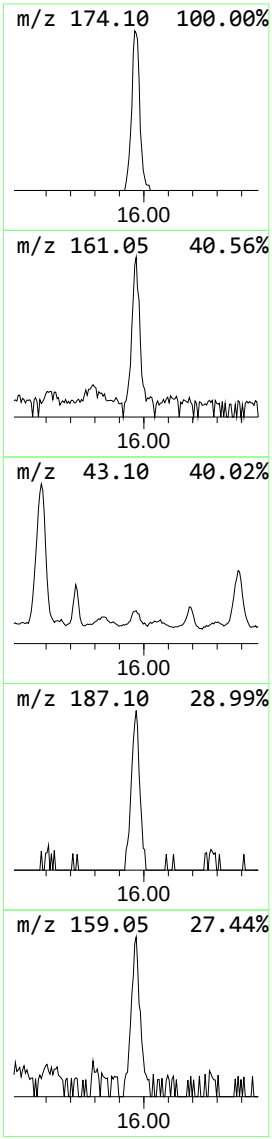
Peak Number 17 unknown15.96 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	2.99 ng	213138	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-5,8-dihydro-1,4-naphtho...	174	C11H10O2	086759-40-2	41
2	2-Fluoro-5-phenylpyrimidine	174	C10H7FN2	062850-13-9	35
3	Pyrimido[1,6-a]indole, 1,2,3,4-t...	216	C13H16N2O	038349-09-6	32
4	N-(Isopropyl)-1-phenylcyclohexyl...	217	C15H23N	002201-48-1	27
5	Propionic acid, 3-[5-(4-fluoroph...	233	C13H12FNO2	1000310-82-0	27





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Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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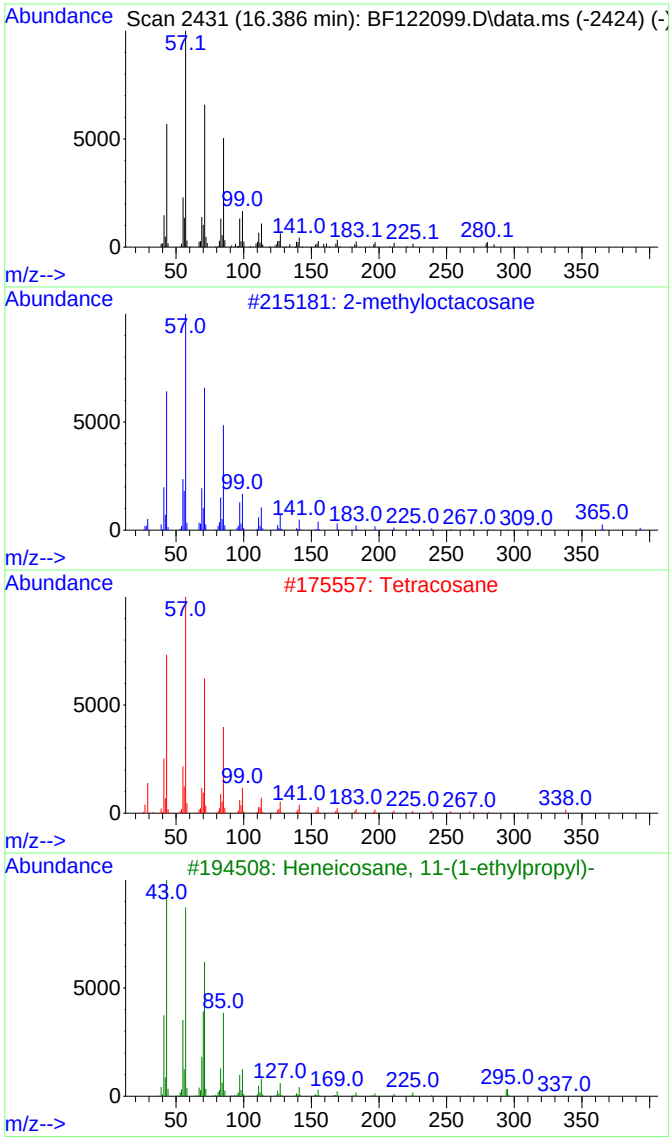
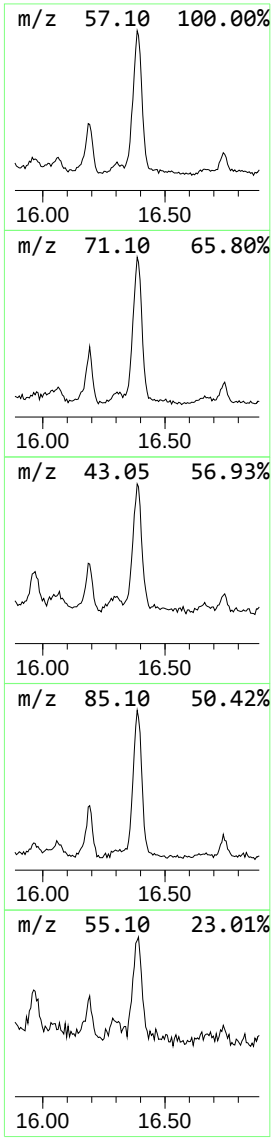
Peak Number 18 Heneicosane, 11-(1-ethylpro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.386	5.03 ng	358854	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4	Docosane	310	C22H46	000629-97-0	87
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
Operator : JU/CG
Sample : L4486-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrame...	9.198	4.6	ng	195418	3	9.757	852265	20.0
n-Hexadecanoic ...	11.786	42.5	ng	1824490	4	11.245	857998	20.0
Hexacosane	11.975	44.9	ng	1924410	4	11.245	857998	20.0
unknown12.31	12.316	2.1	ng	90765	4	11.245	857998	20.0
Octadecanoic acid	12.569	47.0	ng	2017100	4	11.245	857998	20.0
Octadecane, 2-m...	13.027	15.7	ng	473049	5	13.892	603385	20.0
2-methyloctacosane	13.469	228.9	ng	6904490	5	13.892	603385	20.0
1-Heneicosanol	13.751	8.8	ng	266572	5	13.892	603385	20.0
Cyclododecane	14.015	50.3	ng	1516230	5	13.892	603385	20.0
Heneicosane	14.269	219.2	ng	6612930	5	13.892	603385	20.0
Tricosane	14.345	3.2	ng	95336	5	13.892	603385	20.0
Eicosane	14.639	4.3	ng	310038	6	15.327	1426500	20.0
unknown14.71	14.710	3.4	ng	243135	6	15.327	1426500	20.0
Octacosane	14.886	36.9	ng	2630600	6	15.327	1426500	20.0
Tetracosane	14.957	2.7	ng	191097	6	15.327	1426500	20.0
Tetratetracontane	15.580	13.4	ng	957720	6	15.327	1426500	20.0
unknown15.96	15.968	3.0	ng	213138	6	15.327	1426500	20.0
Heneicosane, 11...	16.386	5.0	ng	358854	6	15.327	1426500	20.0