LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.339	549	553	571	rBV	2652699	2614626	61.04%	8.496%
2	6.369	724	728	731	rBV	2701036	2663147	62.17%	8.654%
3	6.498	746	750	753	rBV	3233239	2767209	64.60%	8.992%
4	6.728	785	789	792	rBV	951541	784467	18.31%	2.549%
5	6.881	811	815	819	rBV	2356199	2205208	51.48%	7.166%
6	7.286	880	884	887	rBV	1900328	1654203	38.62%	5.375%
7	8.010	1003	1007	1012	rBV	945182	918157	21.43%	2.984%
8	8.051	1012	1014	1026	rVB2	28821	56969	1.33%	0.185%
9	9.080	1185	1189	1203	rBV	3316652	3357503	78.38%	10.911%
10	9.475	1253	1256	1261	rBV	144400	128068	2.99%	0.416%
11	9.757	1300	1304	1317	rVB	1198676	1103713	25.77%	3.587%
12	10.545	1433	1438	1450	rBV	2142033	2330830	54.41%	7.574%
13	10.669	1456	1459	1466	rVB	76810	92734	2.16%	0.301%
14	11.086	1526	1530	1533	rBV5	34957	62513	1.46%	0.203%
15	11.116	1533	1535	1538	rVB2	72576	55552	1.30%	0.181%
16	11.233	1552	1555	1563	rBV	1344238	1298198	30.31%	4.219%
17	11.539	1603	1607	1612	rBV	89846	103012	2.40%	0.335%
18	11.774	1643	1647	1650	rBV2	401086	428732	10.01%	1.393%
19	11.945	1673	1676	1681	rBV2	142603	139865	3.27%	0.455%
20	12.098	1699	1702	1704	rBV2	56919	68326	1.60%	0.222%
21	12.227	1719	1724	1727	rBV3	87436	142093	3.32%	0.462%
22	12.333	1739	1742	1745	rBV	220040	211759	4.94%	0.688%
23	12.368	1745	1748	1752	rVV3	88033	121015	2.83%	0.393%
24	12.445	1759	1761	1763	rBV3	83321	86206	2.01%	0.280%
25	12.474	1763	1766	1770	rBV	240951	351305	8.20%	1.142%
26	12.551	1776	1779	1781	rBV2	206037	245790	5.74%	0.799%
27	12.704	1803	1805	1808	rBV	325945	355173	8.29%	1.154%
28	12.733	1808	1810	1815	rVV2	215299	309082	7.22%	1.004%
29	12.815	1821	1824	1834	rBV	3253199	4283539	100.00%	13.920%
30	13.063	1863	1866	1868	rBV2	378618	449880	10.50%	1.462%
31	13.092	1869	1871	1877	rVB	408839	556039	12.98%	1.807%
32	13.186	1884	1887	1891	rBV	594930	828219	19.33%	2.691%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

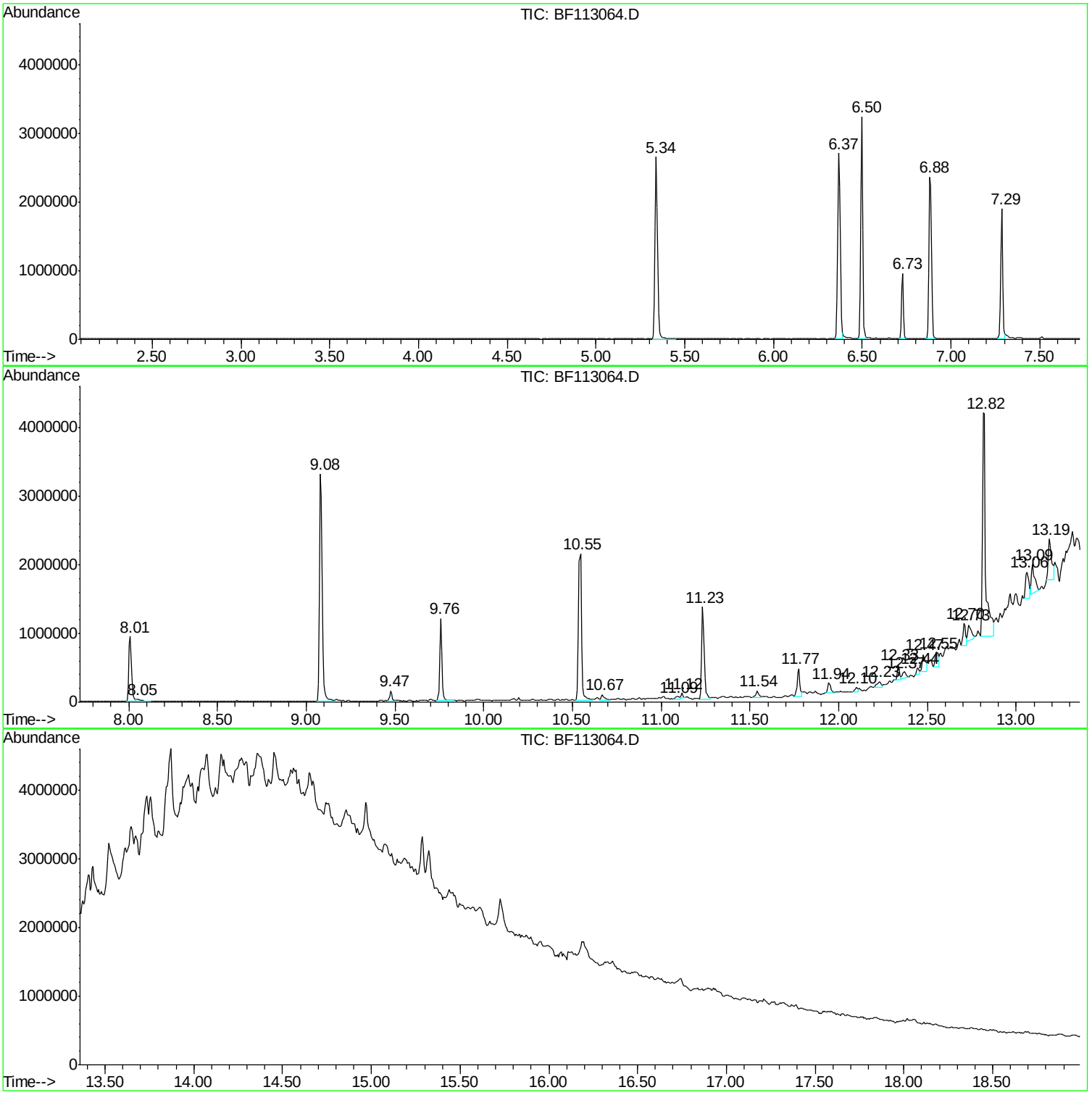
Sum of corrected areas: 30773132

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

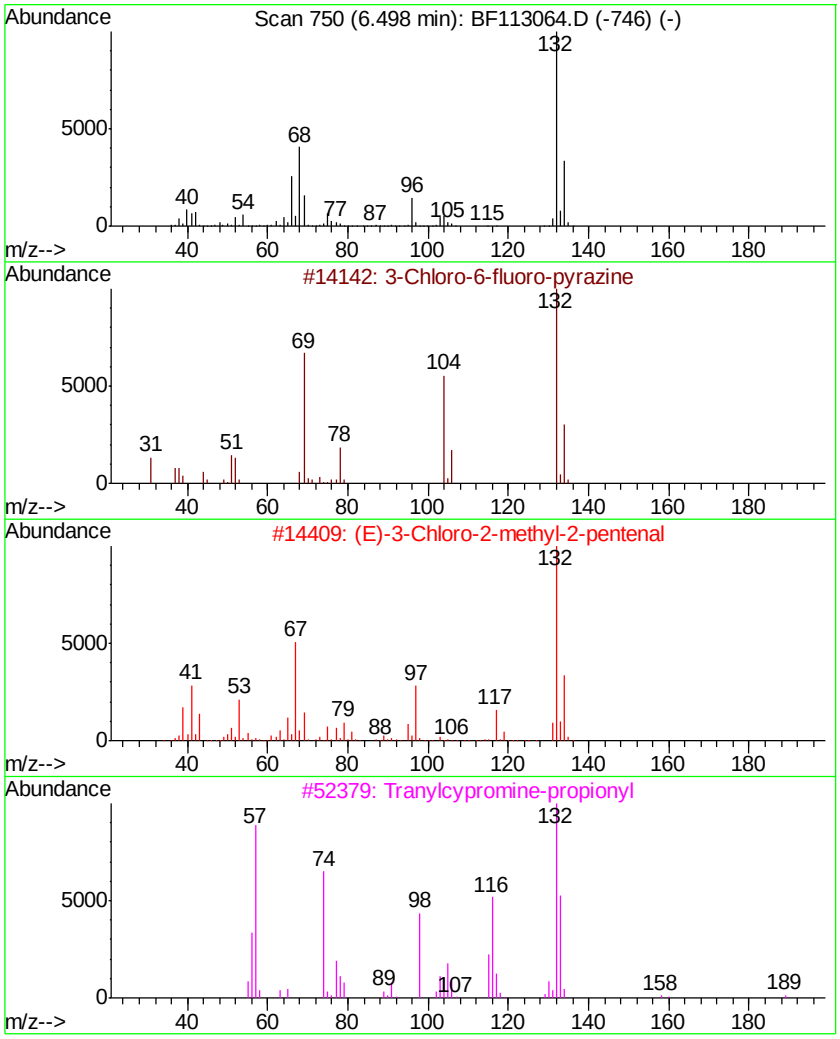
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

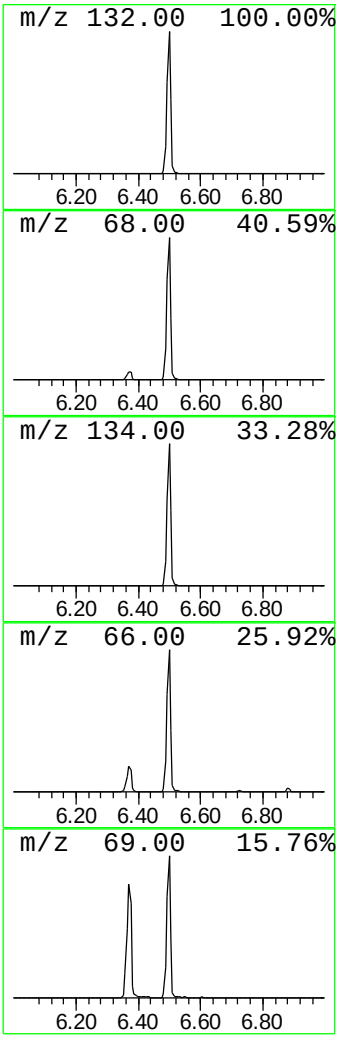
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	70.55 ng	2767210	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

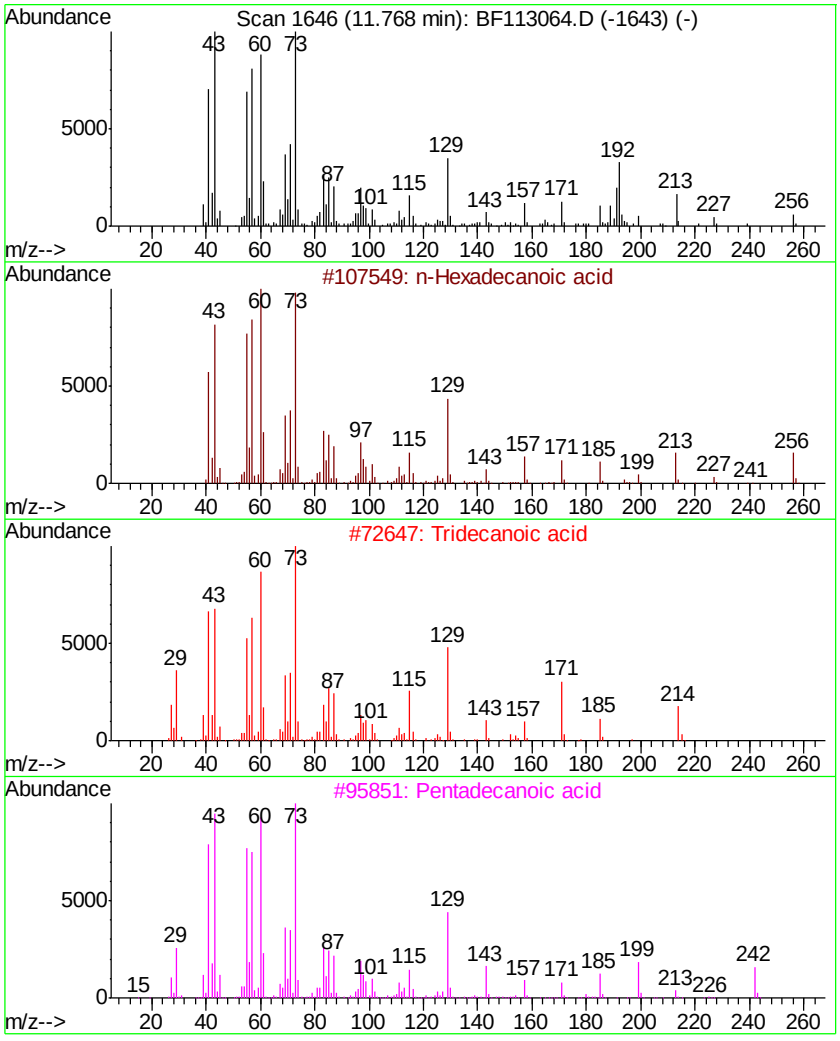
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

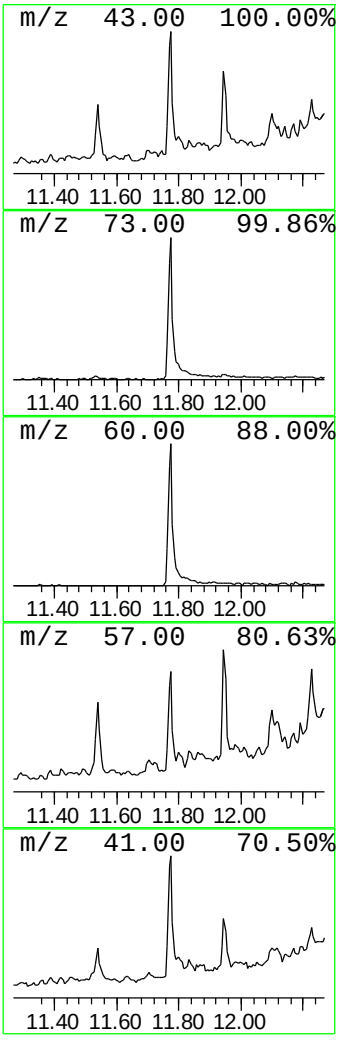
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.61 ng	428732	Phenanthrene-d10	11.23

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	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

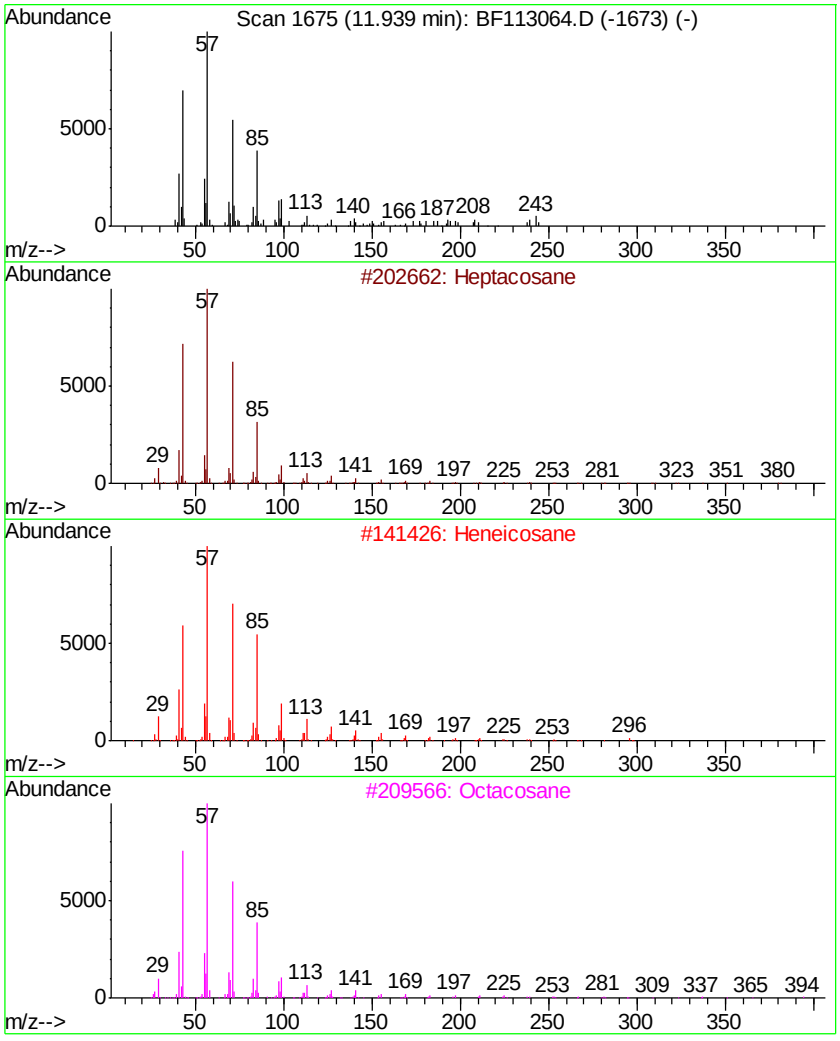
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

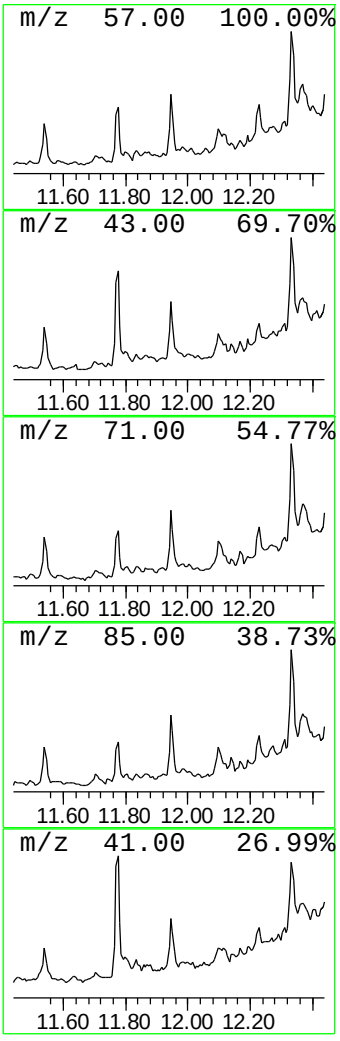
****

Peak Number 4 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.15 ng	139865	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Tetradecane	198	C14H30	000629-59-4	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

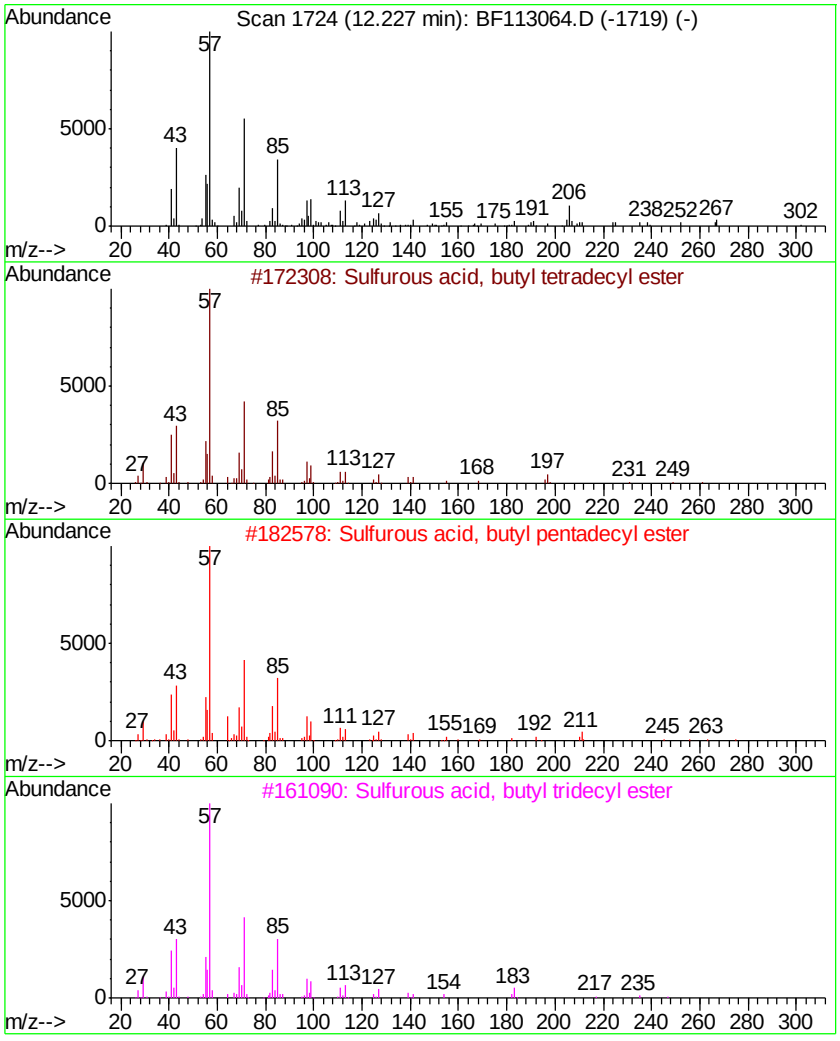
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

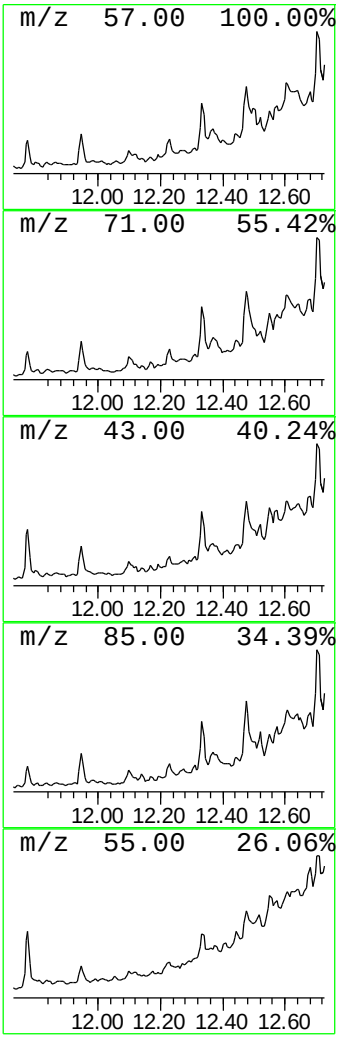
****

Peak Number 5 Sulfurous acid, butyl tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.19 ng	142093	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
2	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	78
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	78
4	Hexacosane	366	C26H54	000630-01-3	74
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

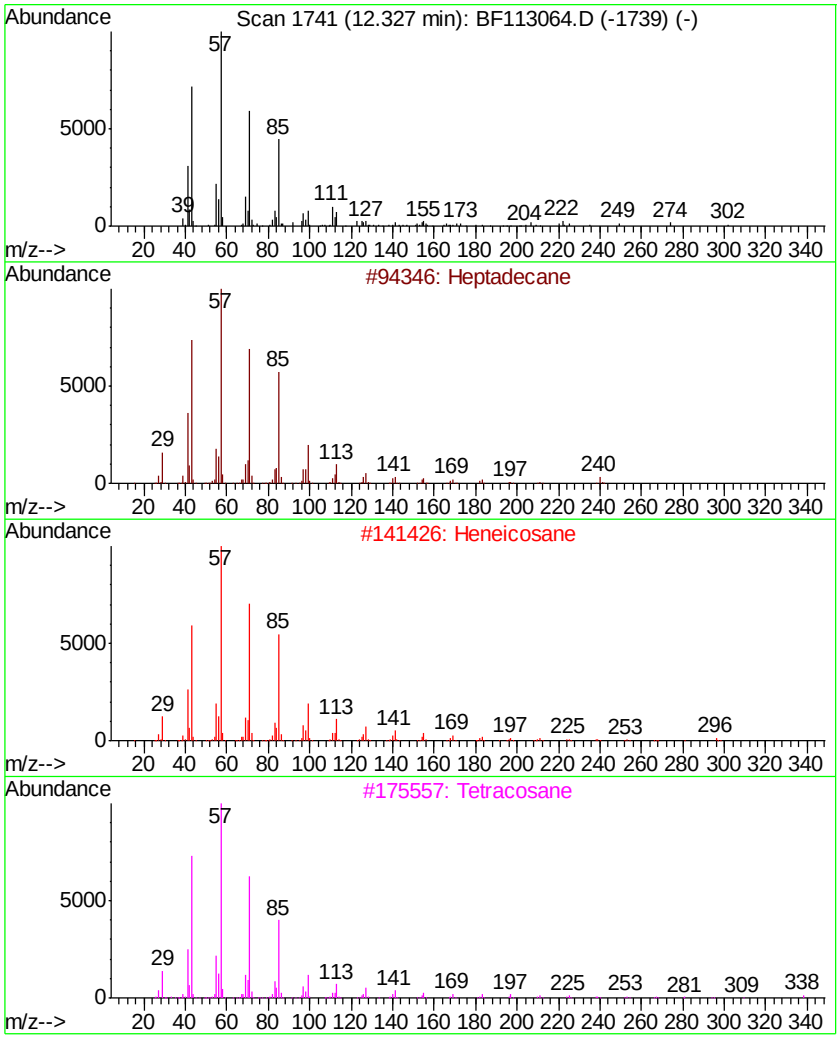
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

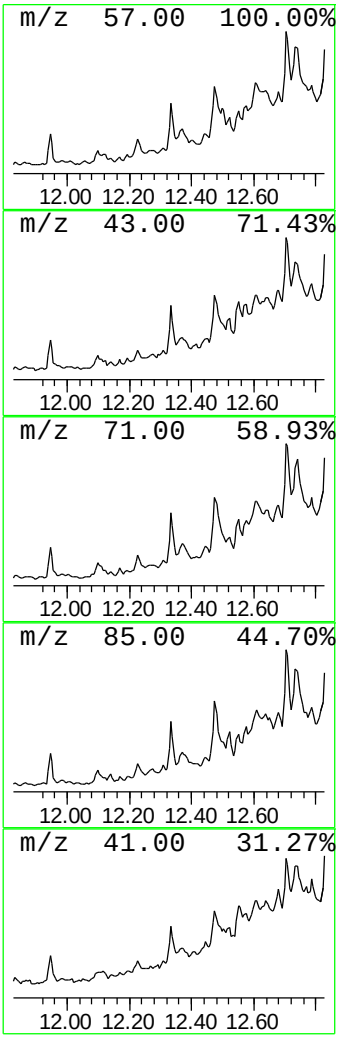
****

Peak Number 6 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.26 ng	211759	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tetradecane	198	C14H30	000629-59-4	80
5	Octacosane	394	C28H58	000630-02-4	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

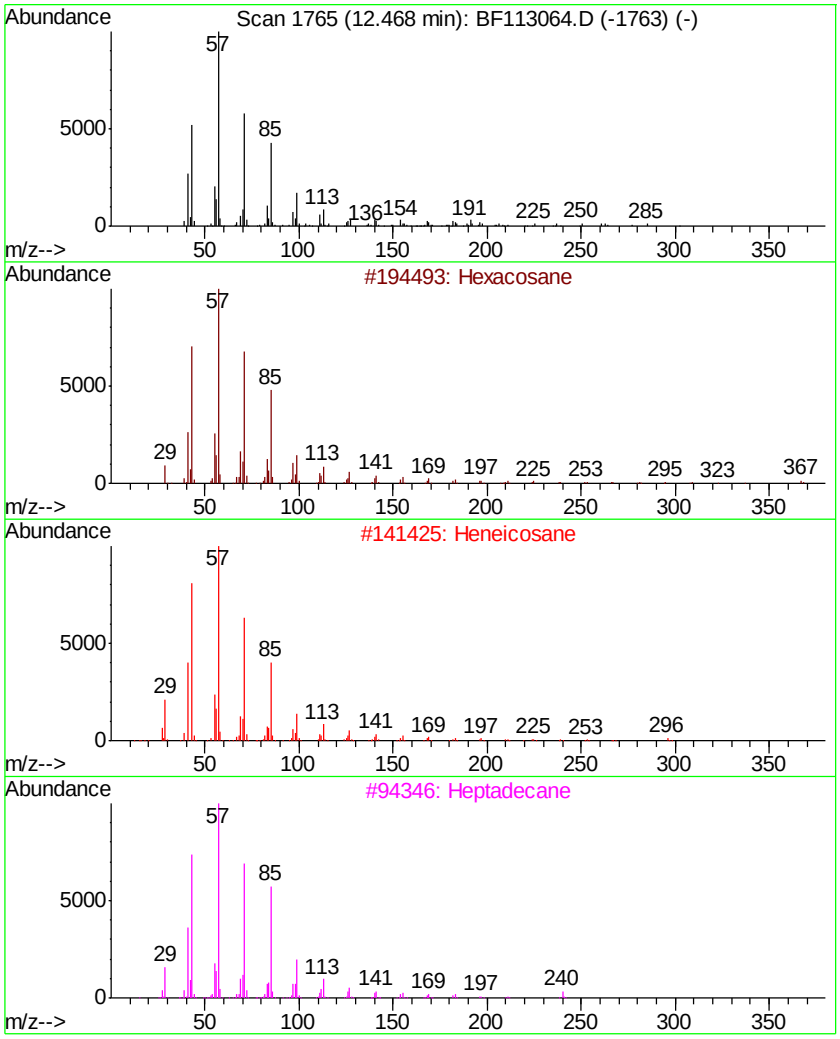
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

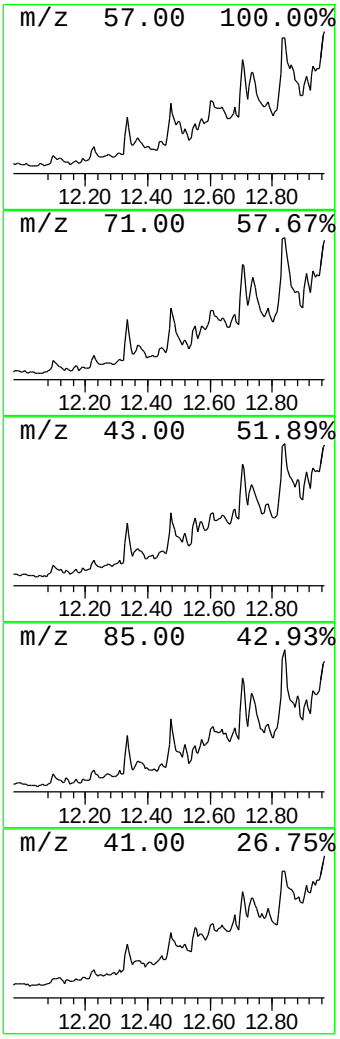
****

Peak Number 7 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	5.41 ng	351305	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

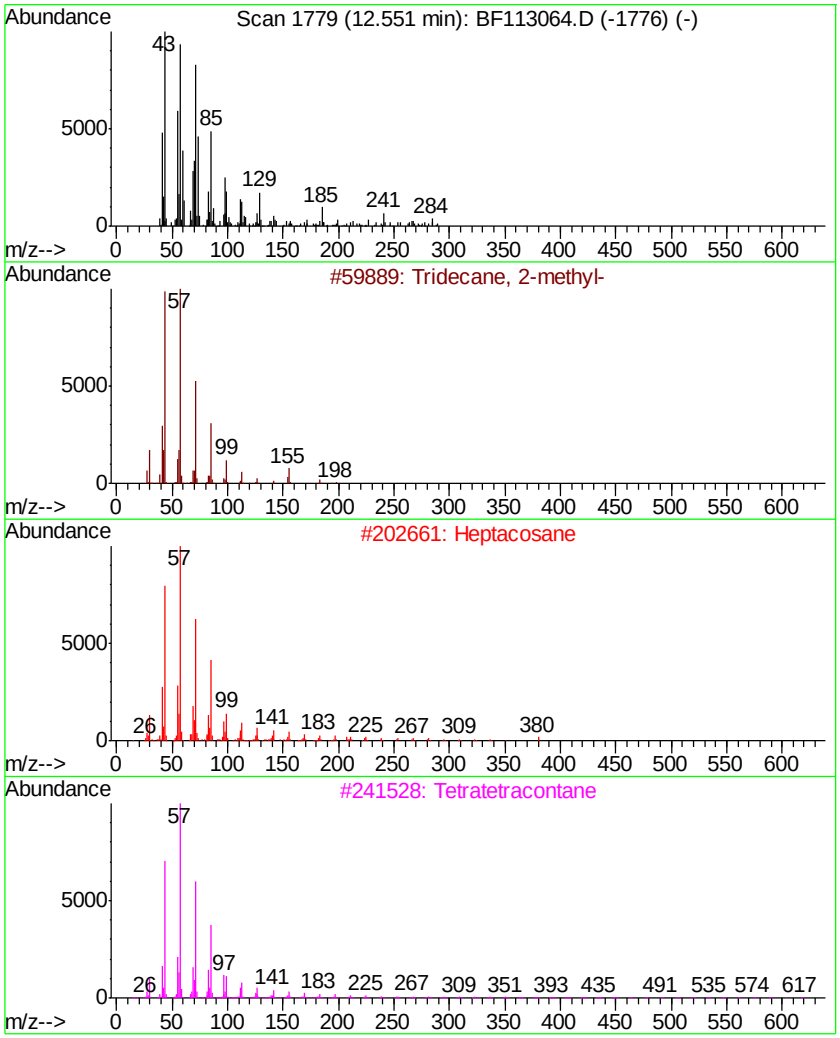
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

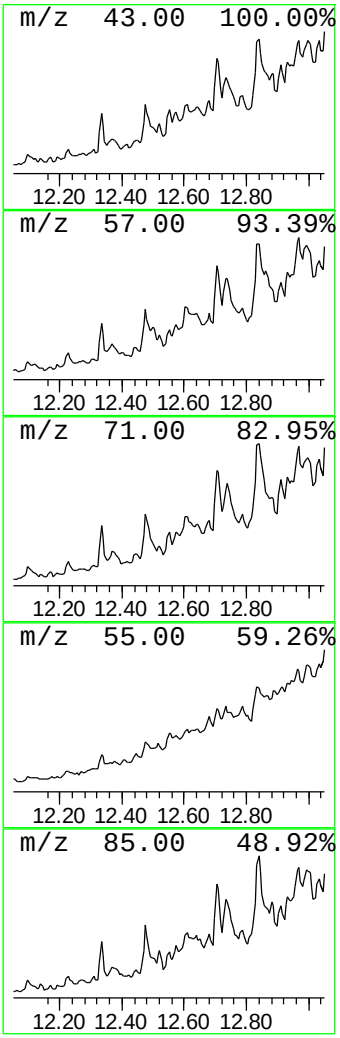
****

Peak Number 8 Tridecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.94 ng	245790	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	60
2	Heptacosane	380	C27H56	000593-49-7	58
3	Tetratetracontane	619	C44H90	007098-22-8	52
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	49
5	Octacosane	394	C28H58	000630-02-4	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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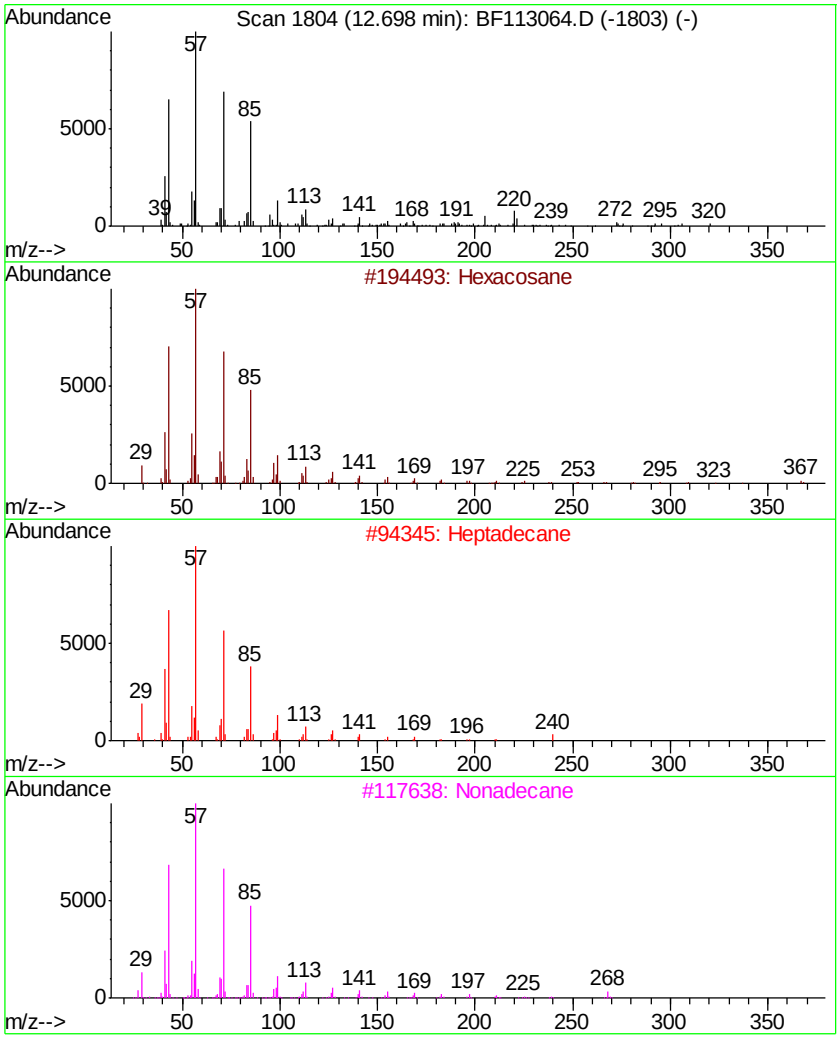
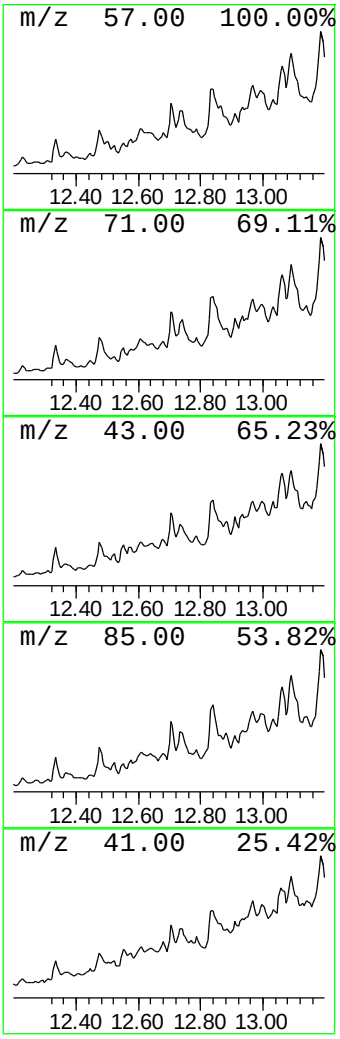
Peak Number 9 unknown12.70 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	8.58 ng	355173	Chrysene-d12	13.87

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	Nonadecane	268	C19H40	000629-92-5	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

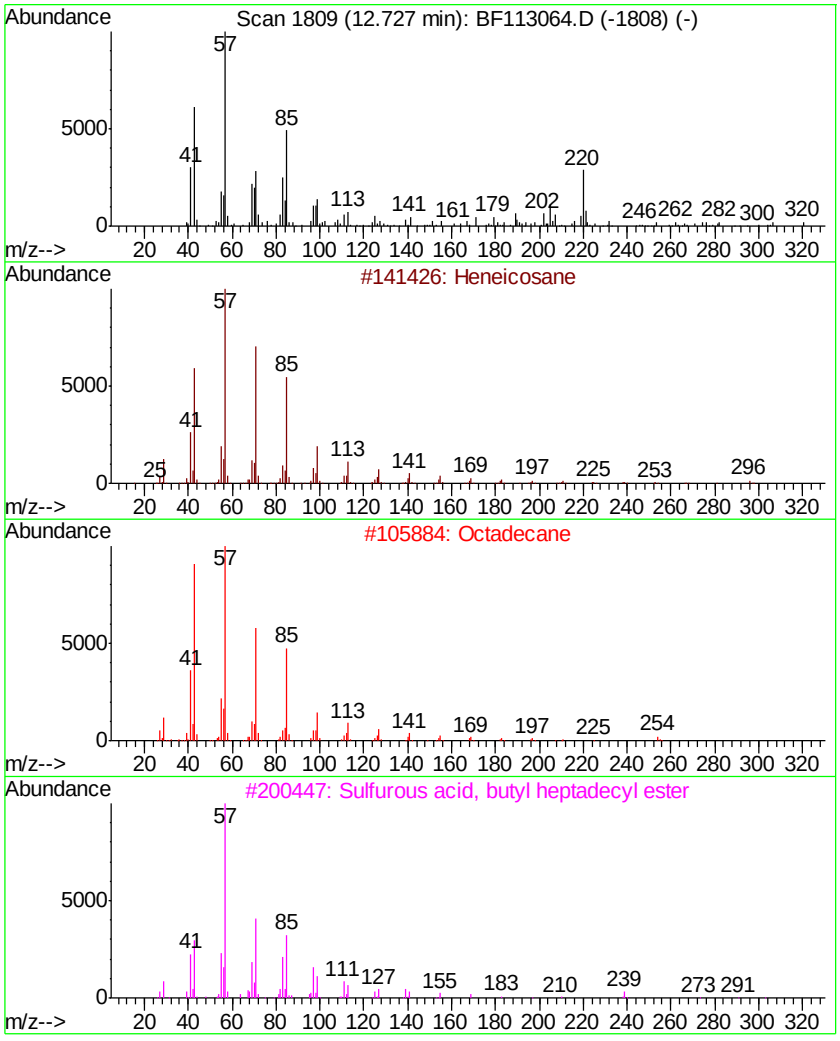
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

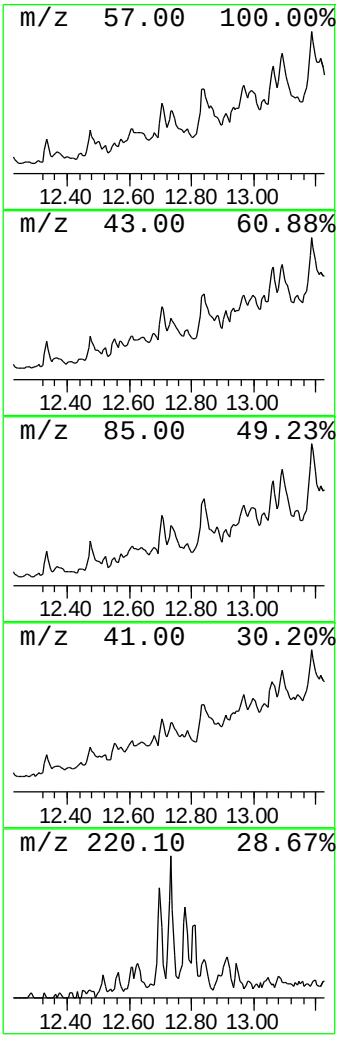
****

Peak Number 10 unknown12.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	7.46 ng	309082	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	68
2	Octadecane	254	C18H38	000593-45-3	59
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	50
4	Hentriacontane	437	C31H64	000630-04-6	47
5	Heptacosane	380	C27H56	000593-49-7	47





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Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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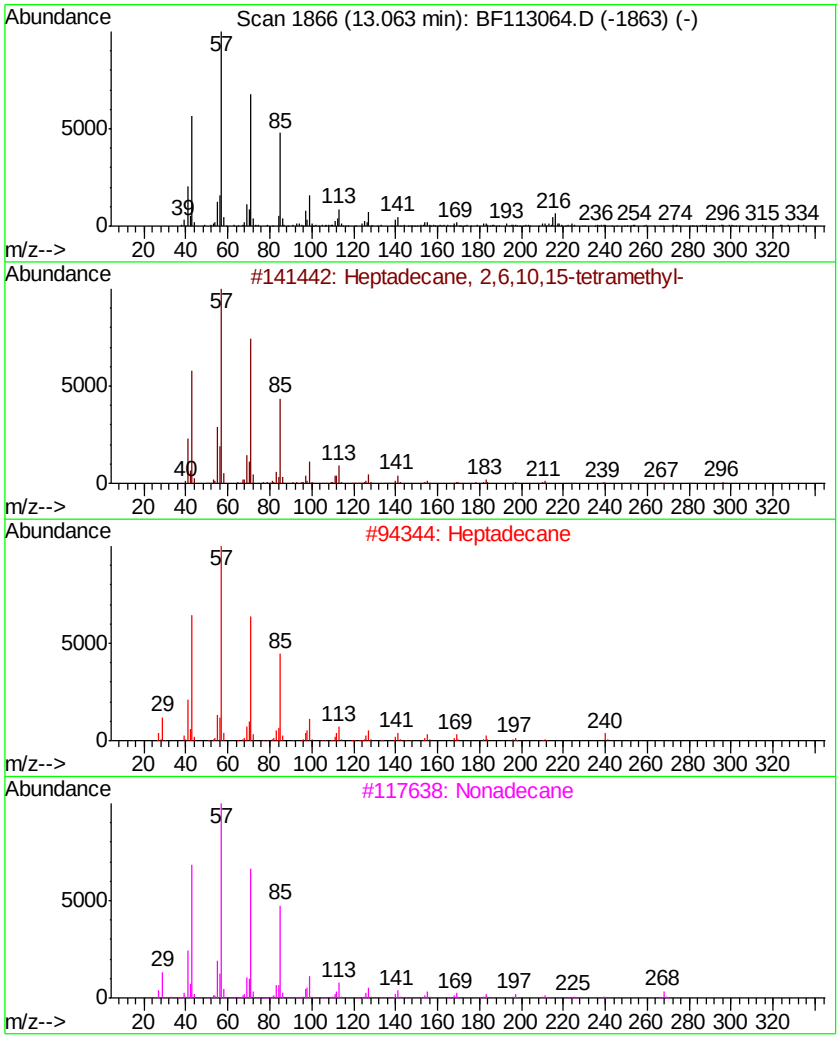
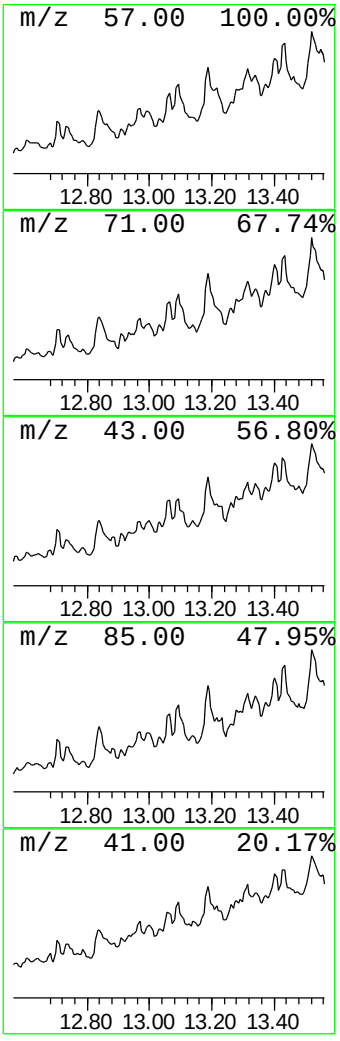
Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	10.86 ng	449880	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	83
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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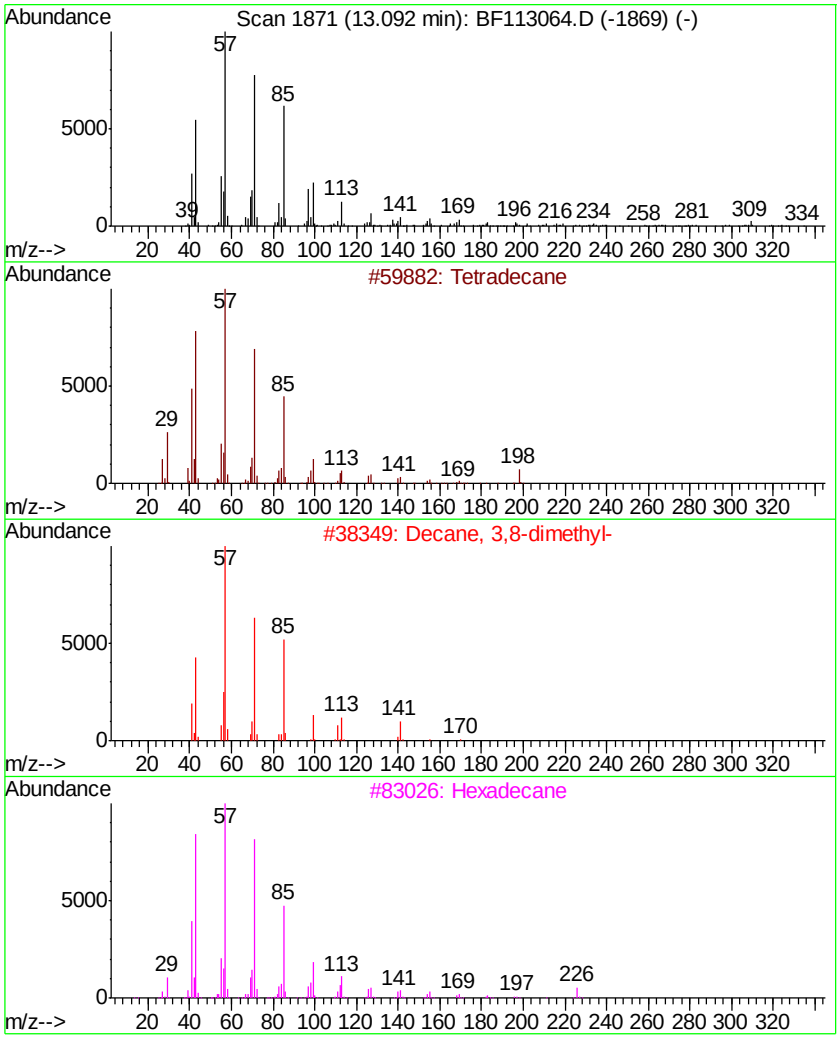
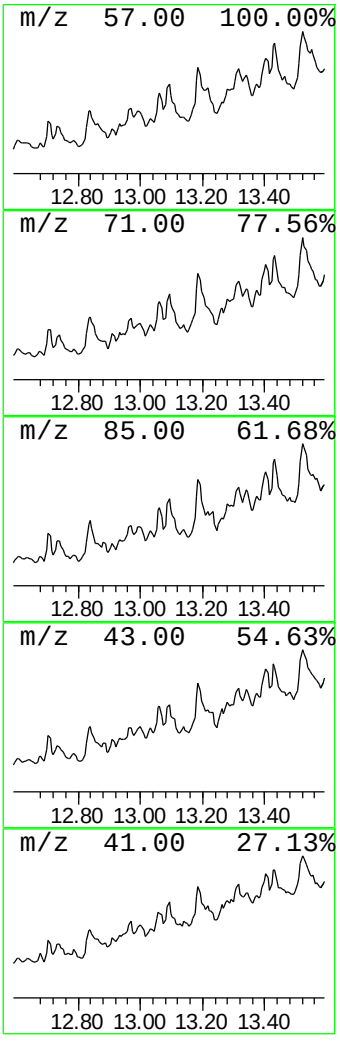
Peak Number 12 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	13.43 ng	556039	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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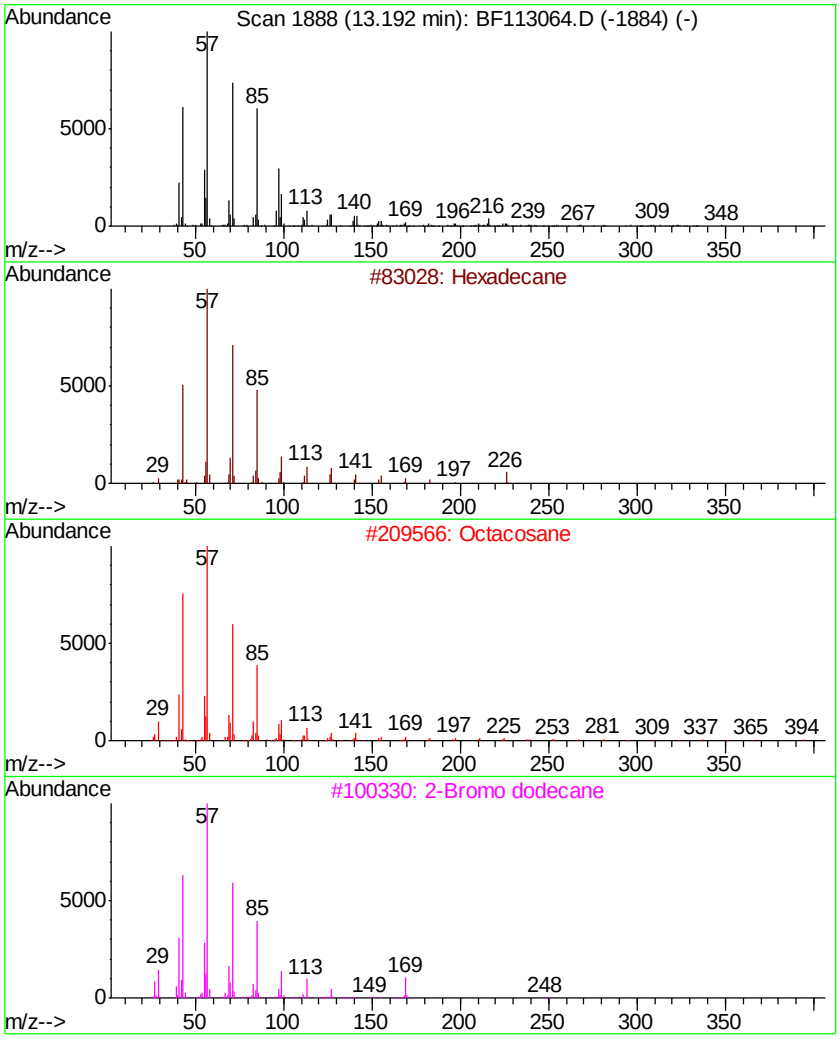
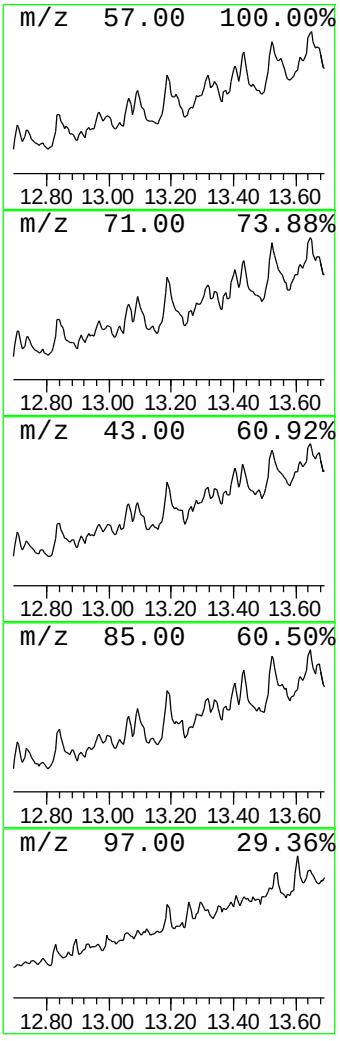
Peak Number 13 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	20.00 ng	828219	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	Octacosane	394	C28H58	000630-02-4	72
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	70
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113064.D
Acq On : 15 Mar 2019 14:31
Operator : JU/SJ
Sample : K1906-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	70.5	ng	2767210	1	6.73	784467	20.0
n-Hexadecanoic acid	11.77	6.6	ng	428732	4	11.23	1298200	20.0
Heptacosane	11.94	2.1	ng	139865	4	11.23	1298200	20.0
Sulfurous acid, b...	12.23	2.2	ng	142093	4	11.23	1298200	20.0
Heptadecane	12.33	3.3	ng	211759	4	11.23	1298200	20.0
Hexacosane	12.47	5.4	ng	351305	4	11.23	1298200	20.0
Tridecane, 2-methyl-	12.55	5.9	ng	245790	5	13.87	828219	20.0
unknown12.70	12.70	8.6	ng	355173	5	13.87	828219	20.0
unknown12.73	12.73	7.5	ng	309082	5	13.87	828219	20.0
Heptadecane, 2,6,...	13.06	10.9	ng	449880	5	13.87	828219	20.0
Tetradecane	13.09	13.4	ng	556039	5	13.87	828219	20.0
Hexadecane	13.19	20.0	ng	828219	5	13.87	828219	20.0