LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

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-BF040319.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	5.292	542	545	581	rBV	1686108	2481228	74.55%	7.392%
2	6.333	719	722	738	rBV	1836894	2613816	78.54%	7.787%
3	6.451	738	742	758	rVB	2501276	2679474	80.51%	7.983%
4	6.669	776	779	794	rVB	747056	677014	20.34%	2.017%
5	6.828	802	806	821	rBV	2218054	2018069	60.64%	6.012%
6	7.239	872	876	896	rBV	1572615	1650049	49.58%	4.916%
7	7.951	994	997	1020	rBV	840091	875587	26.31%	2.608%
8	9.027	1176	1180	1191	rBV	3365687	3071793	92.30%	9.151%
9	9.427	1245	1248	1257	rBV	278617	264150	7.94%	0.787%
10	9.704	1291	1295	1304	rBV	1120993	975779	29.32%	2.907%
11	9.945	1331	1336	1342	rBV6	24385	57174	1.72%	0.170%
12	10.498	1426	1430	1446	rBV	1358641	1593784	47.89%	4.748%
13	10.610	1446	1449	1454	rVB	44549	53663	1.61%	0.160%
14	10.880	1490	1495	1498	rBV6	16166	34392	1.03%	0.102%
15	11.057	1522	1525	1527	rBV	43063	37427	1.12%	0.111%
16	11.186	1544	1547	1564	rVB	1062589	1104767	33.20%	3.291%
17	11.480	1594	1597	1601	rBV	36273	37317	1.12%	0.111%
18	11.574	1610	1613	1618	rBV6	25281	41111	1.24%	0.122%
19	11.657	1622	1627	1628	rVV3	35899	57032	1.71%	0.170%
20	11.733	1630	1640	1663	rVB	1630870	3328076	100.00%	9.915%
21	12.368	1744	1748	1751	rBV2	38689	49972	1.50%	0.149%
22	12.515	1764	1773	1783	rBV	1694929	2927551	87.97%	8.722%
23	12.768	1812	1816	1819	rBV	3070627	2843268	85.43%	8.470%
24	13.339	1910	1913	1916	rVB3	41219	40474	1.22%	0.121%
25	13.668	1966	1969	1978	rVB2	67332	95241	2.86%	0.284%
26	13.798	1988	1991	1993	rBV2	115875	125261	3.76%	0.373%
27	13.827	1993	1996	2010	rVB	799208	952600	28.62%	2.838%
28	13.980	2019	2022	2030	rVB	117975	135058	4.06%	0.402%
29	14.286	2070	2074	2085	rVB	191707	211922	6.37%	0.631%
30	14.580	2118	2124	2129	rVB2	259434	323393	9.72%	0.963%
31	14.645	2132	2135	2138	rBV	56821	54068	1.62%	0.161%
32	14.886	2172	2176	2181	rVB	307422	331750	9.97%	0.988%
33	15.239	2230	2236	2250	rVB2	698914	1118926	33.62%	3.333%
34	15.621	2296	2301	2310	rVB	243829	373147	11.21%	1.112%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1D(0-24)

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-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.074	2373	2378	2390	rVB2	142538	260590	7.83%	0.776%
36	16.598	2464	2467	2473	rVB2	42174	71906	2.16%	0.214%

Sum of corrected areas: 33566829

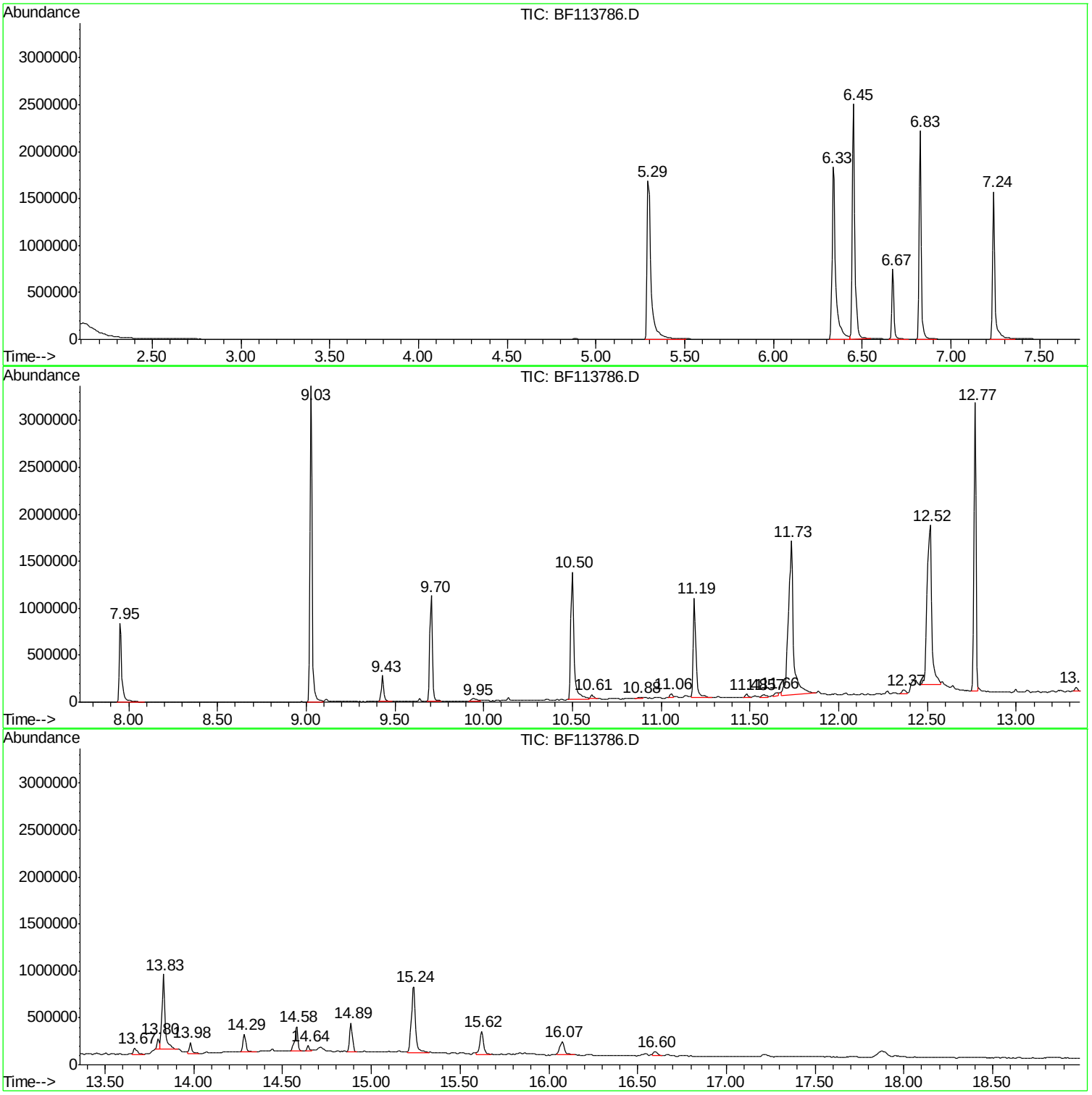
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

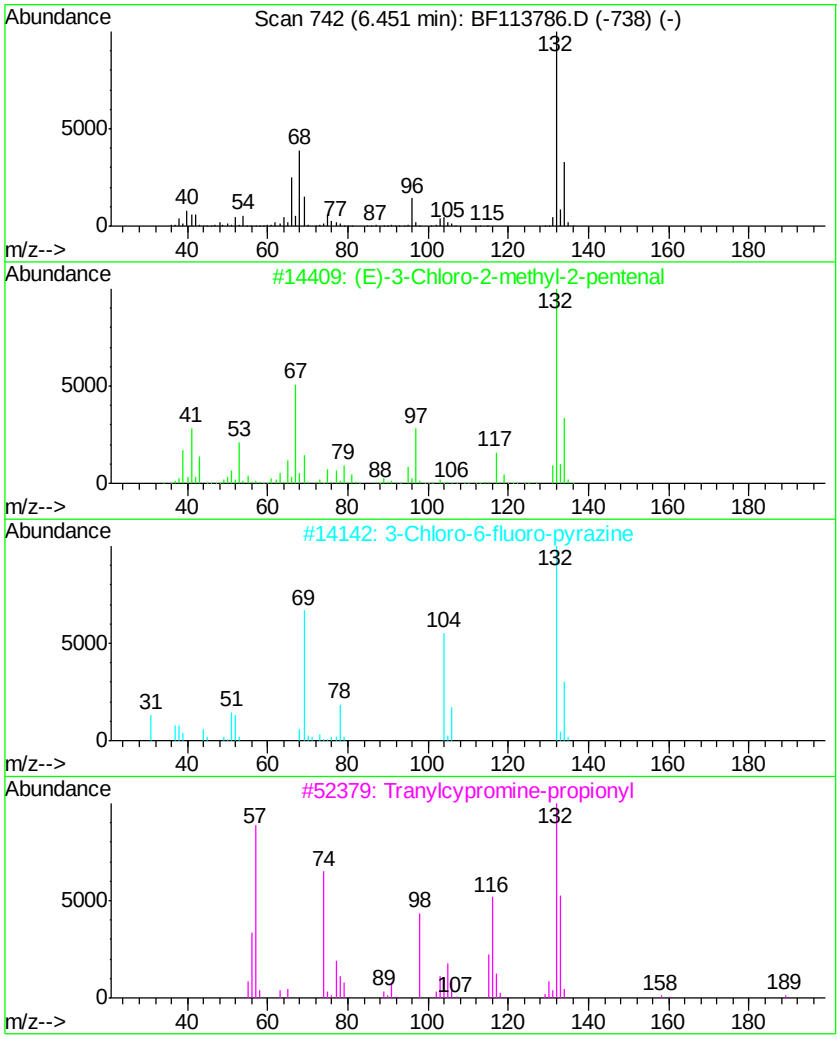
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

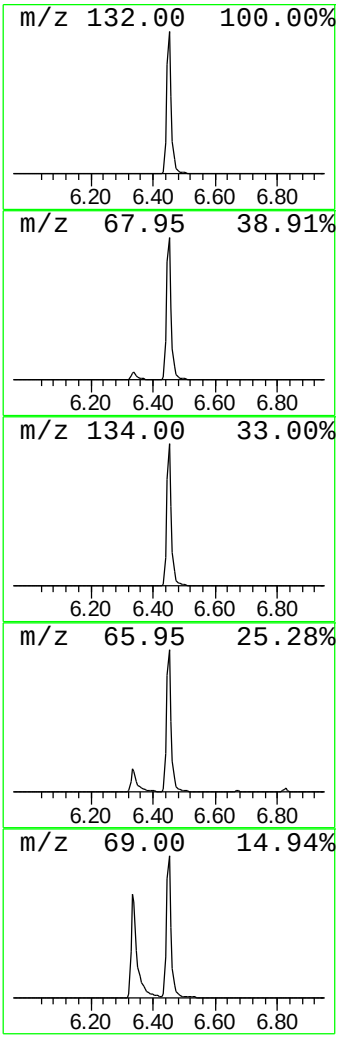
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	79.16 ng	2679470	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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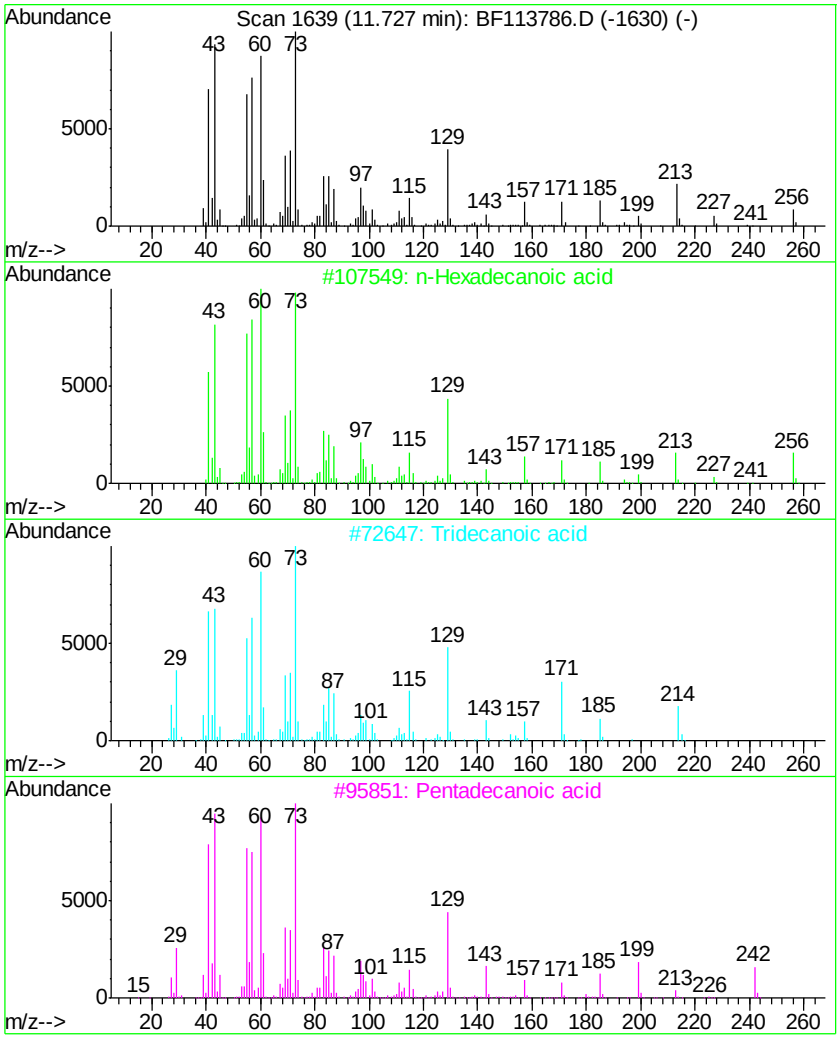
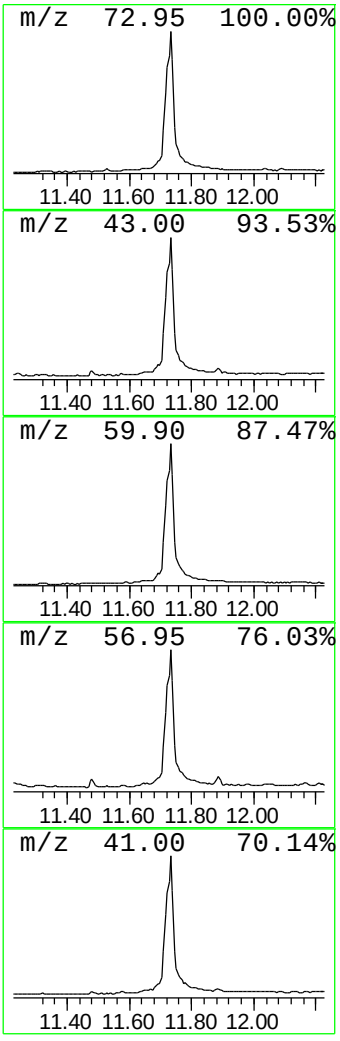
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	60.25 ng	3328080	Phenanthrene-d10	11.19

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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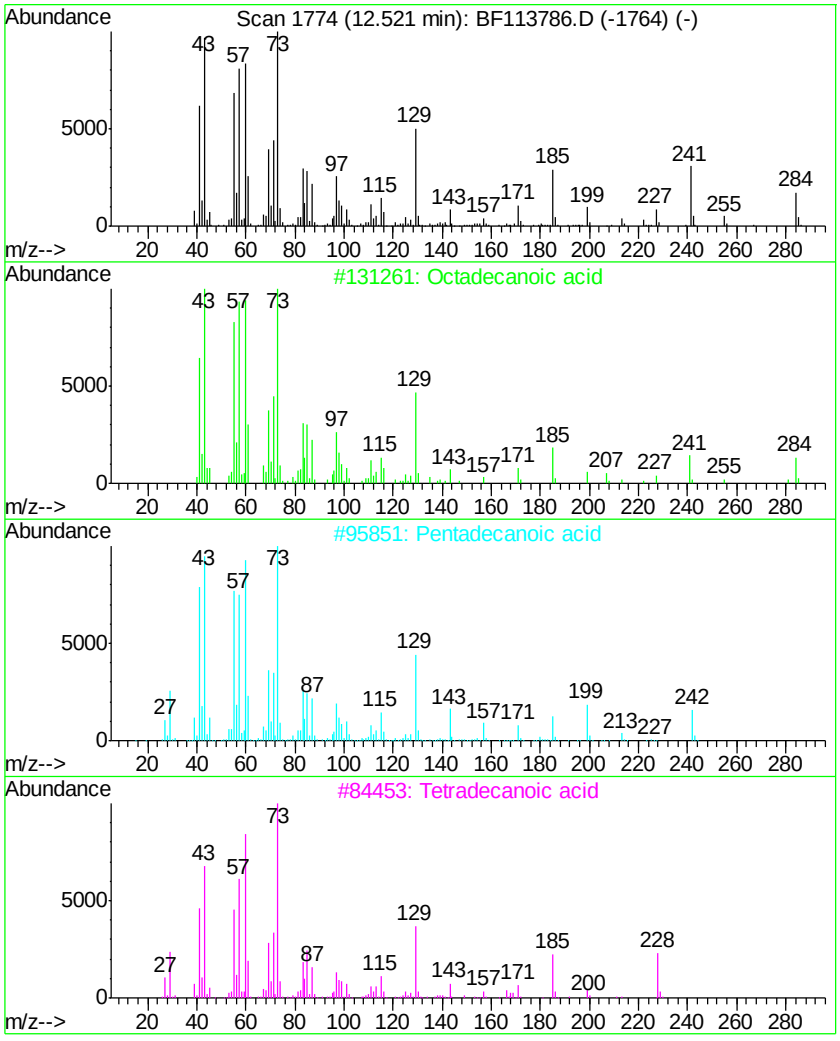
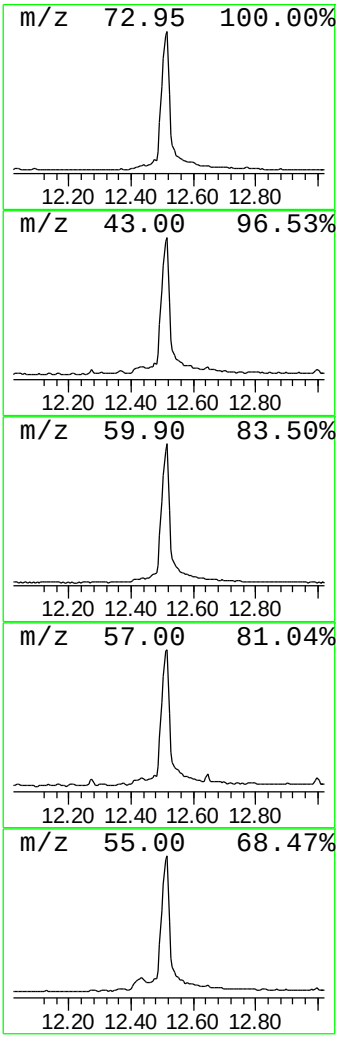
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	61.46 ng	2927550	Chrysene-d12	13.83

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	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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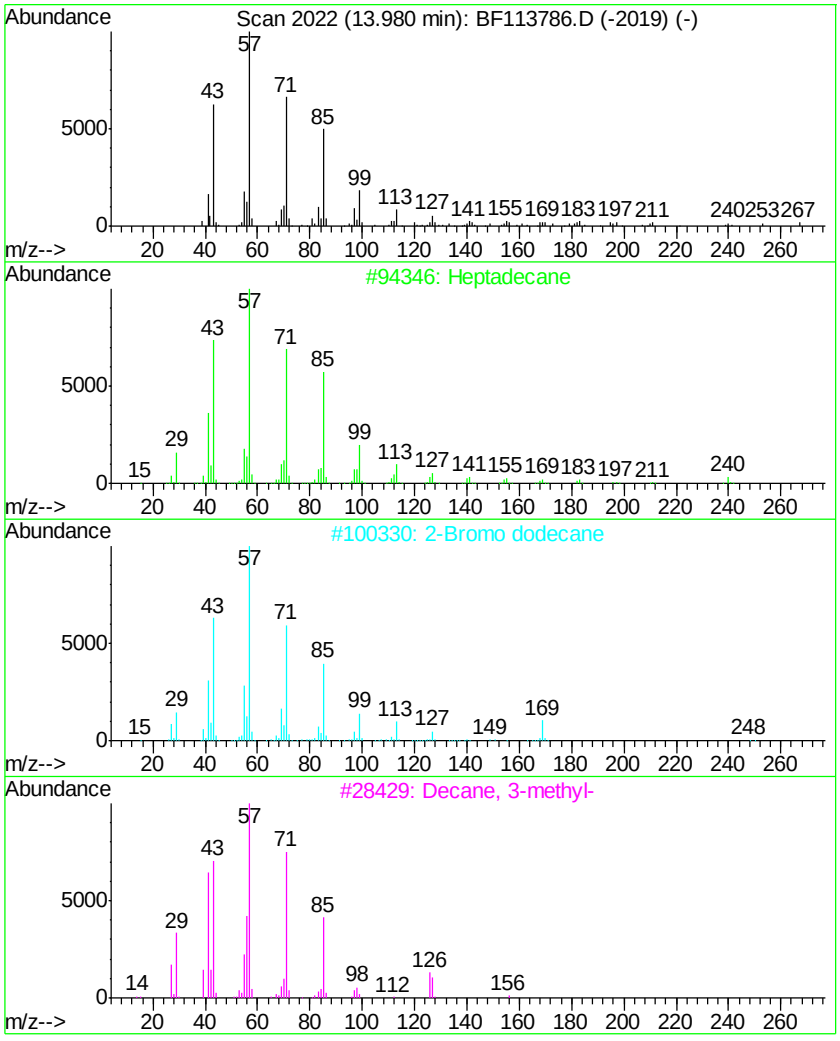
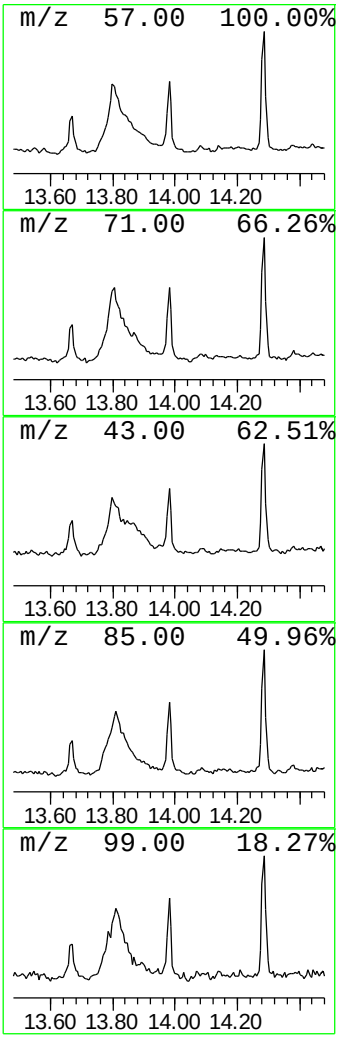
Peak Number 5 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.84 ng	135058	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Decane, 3-methyl-	156	C11H24	013151-34-3	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Heptacosane	380	C27H56	000593-49-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

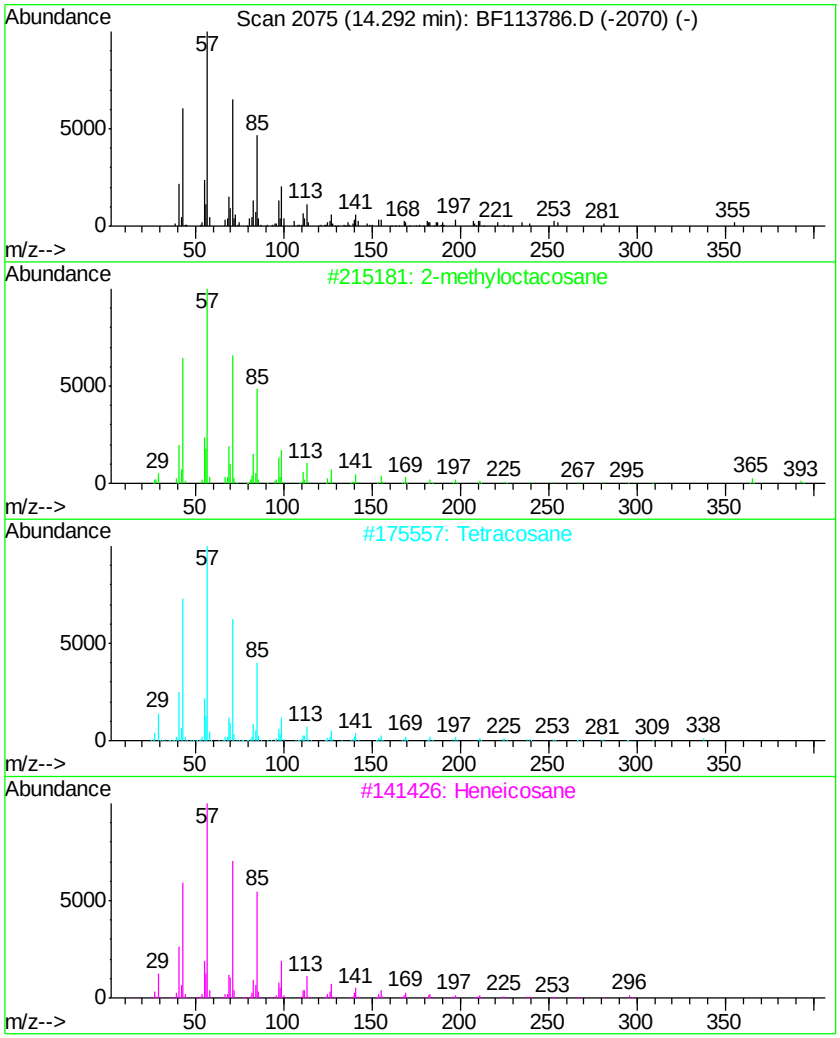
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

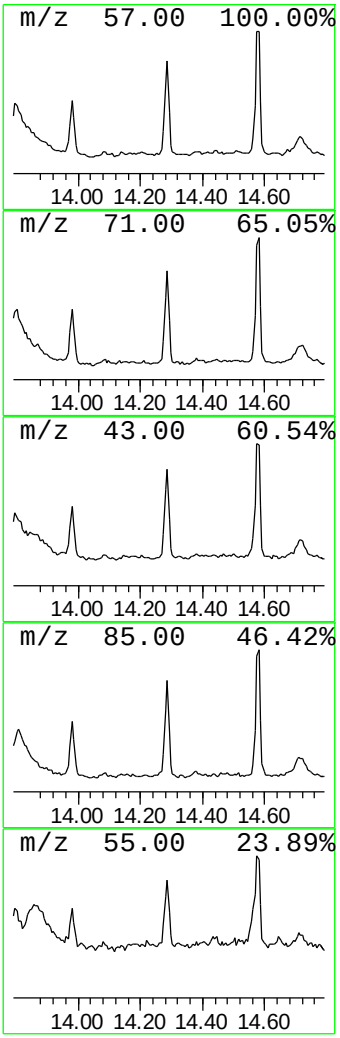
****

Peak Number 6 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	4.45 ng	211922	Chrysene-d12	13.83

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	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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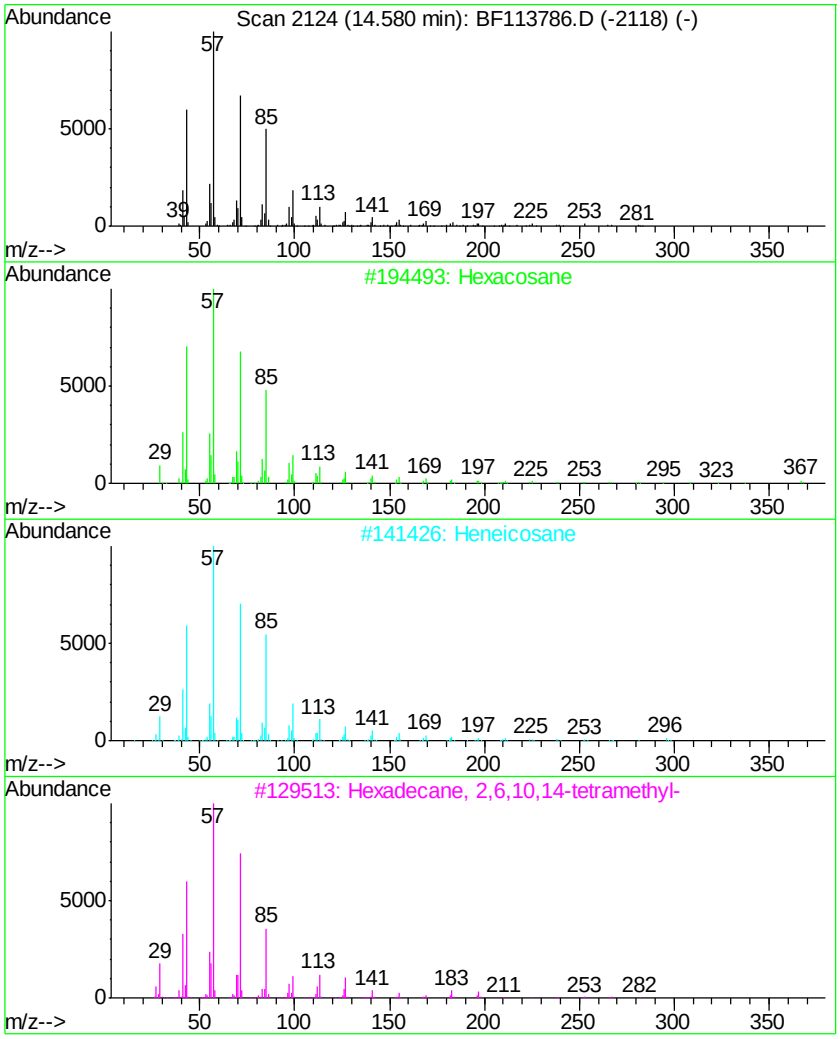
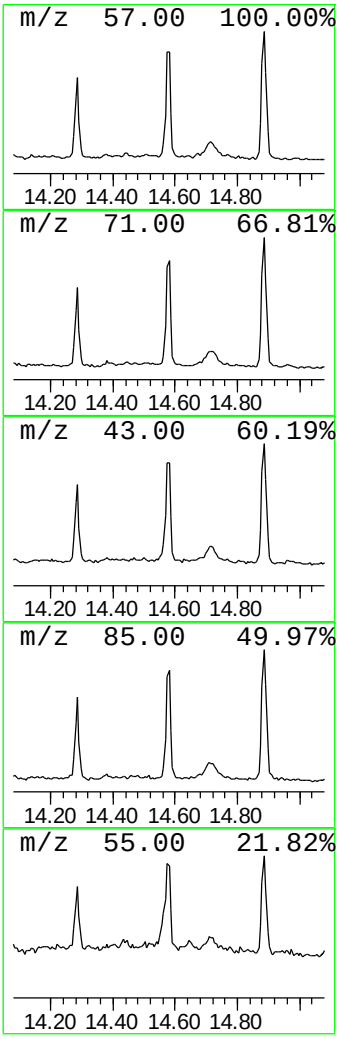
Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	5.78 ng	323393	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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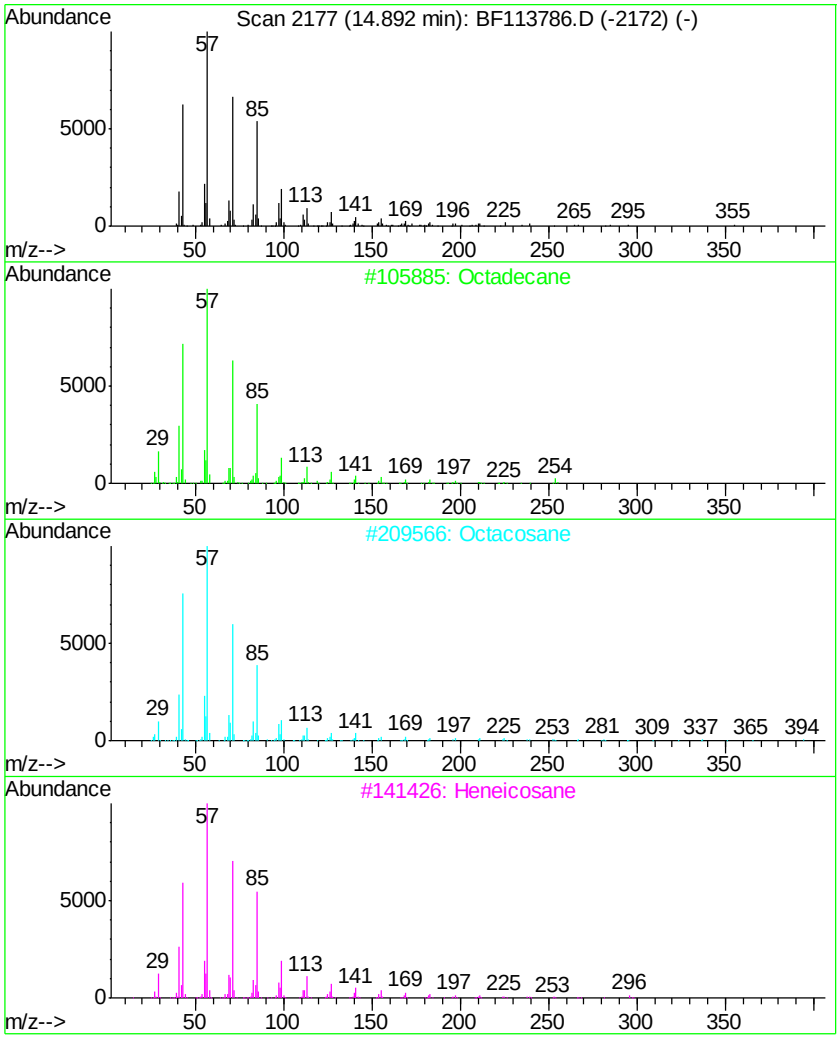
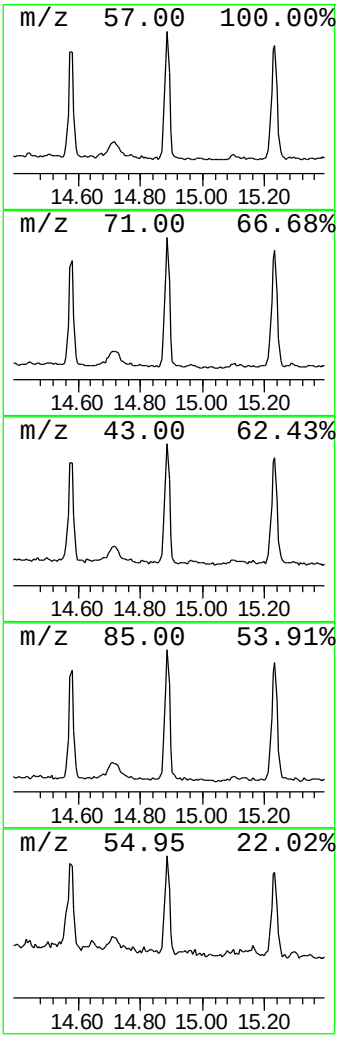
Peak Number 8 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.93 ng	331750	Perylene-d12	15.24

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	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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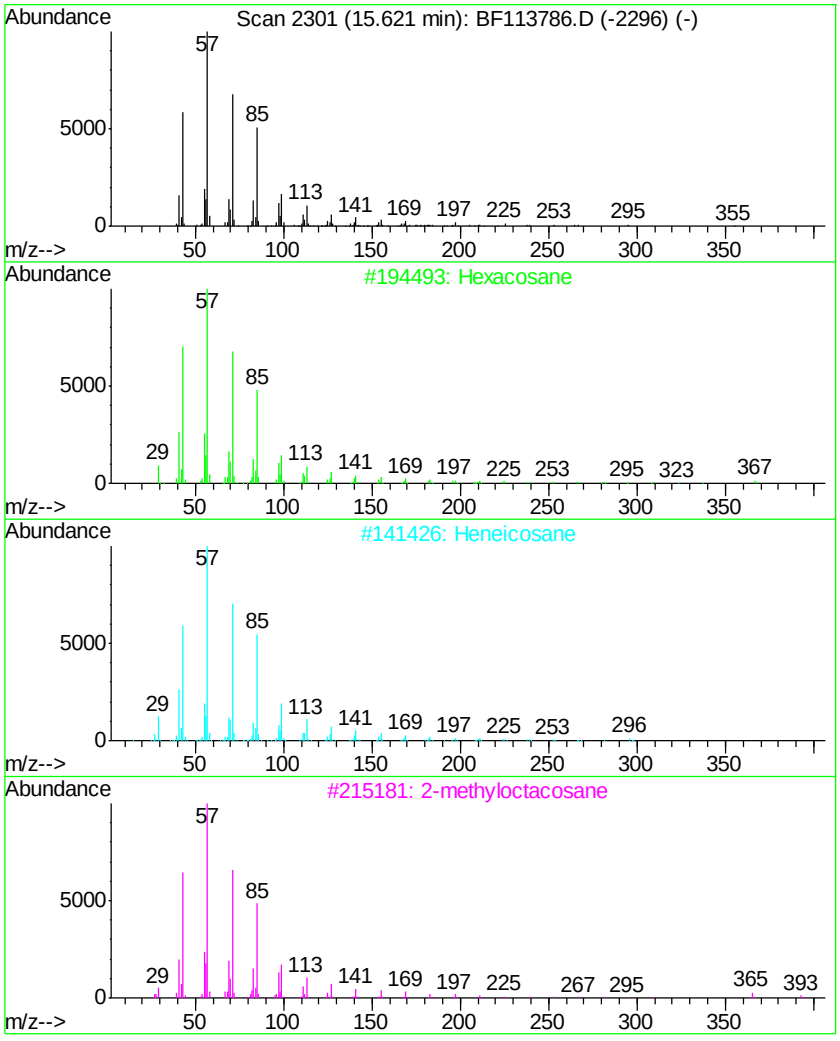
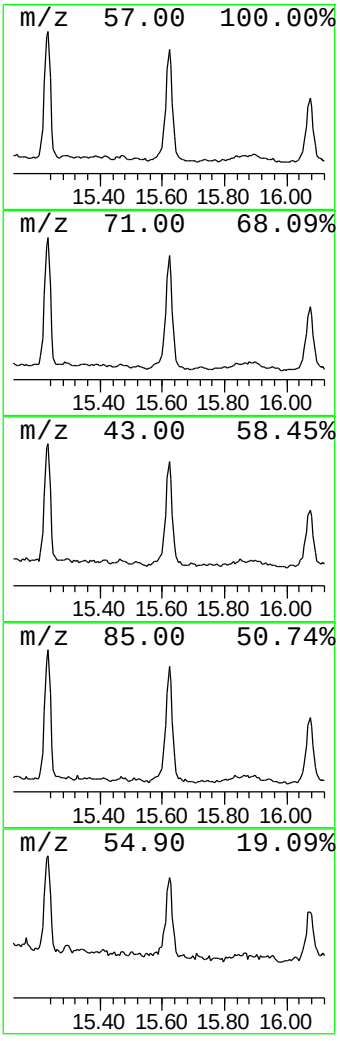
Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	6.67 ng	373147	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane	310	C22H46	000629-97-0	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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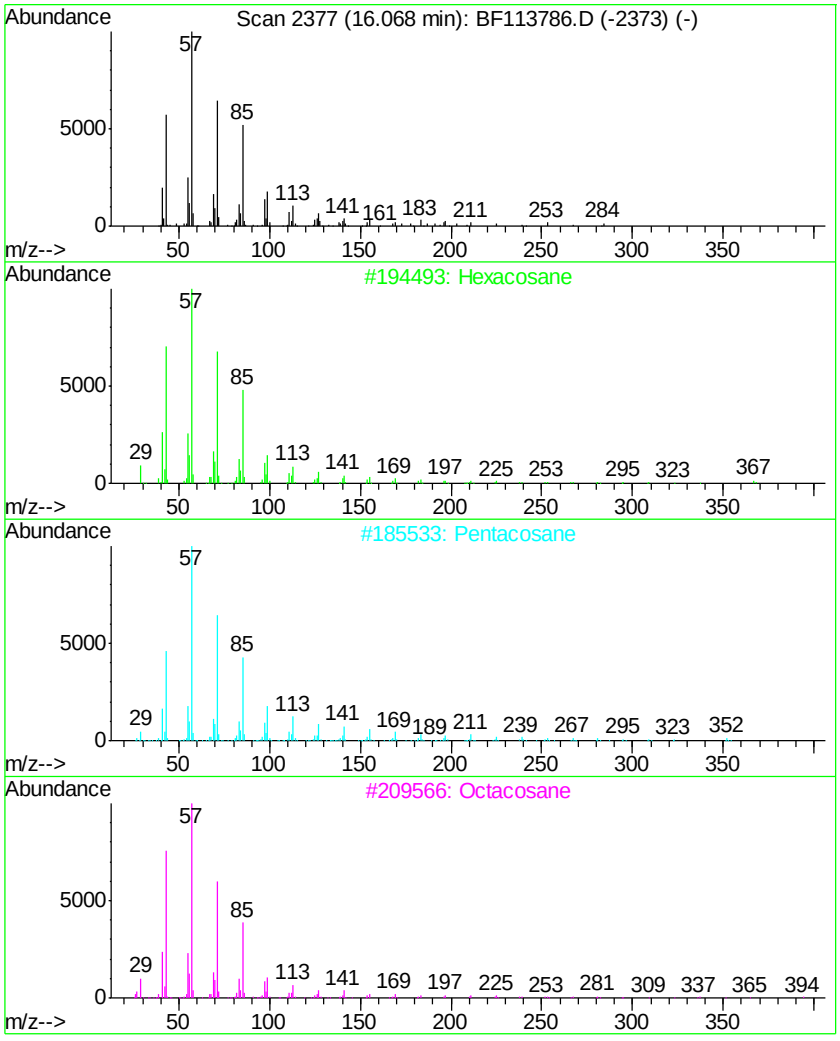
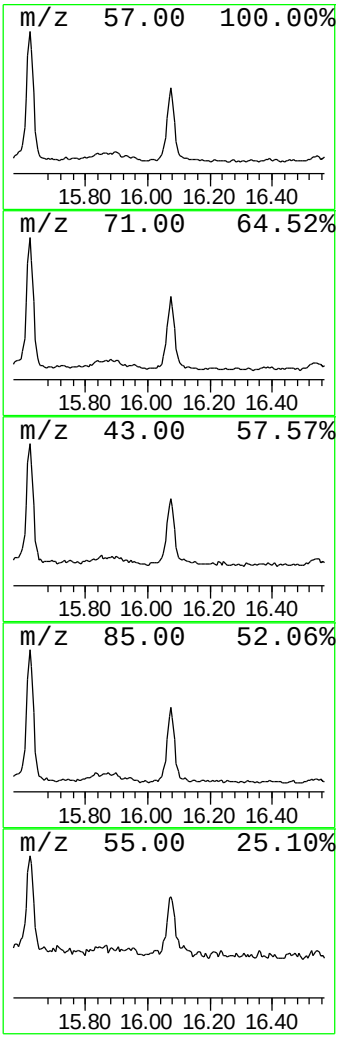
Peak Number 10 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	4.66 ng	260590	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113786.D
Acq On : 16 Apr 2019 11:35
Operator : JU/SJ
Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1D(0-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	79.2	ng	2679470	1	6.67	677014	20.0
n-Hexadecanoic acid	11.73	60.3	ng	3328080	4	11.19	1104770	20.0
Octadecanoic acid	12.52	61.5	ng	2927550	5	13.83	952600	20.0
Heptadecane	13.98	2.8	ng	135058	5	13.83	952600	20.0
2-methyloctacosane	14.29	4.5	ng	211922	5	13.83	952600	20.0
Hexacosane	14.58	5.8	ng	323393	6	15.24	1118930	20.0
Octadecane	14.89	5.9	ng	331750	6	15.24	1118930	20.0
Heneicosane	15.62	6.7	ng	373147	6	15.24	1118930	20.0
Pentacosane	16.07	4.7	ng	260590	6	15.24	1118930	20.0