LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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	5.345	549	554	558	rBV	2989438	3148416	77.64%	8.532%
2	6.375	723	729	732	rBV	3364895	3430560	84.60%	9.296%
3	6.504	747	751	755	rBV	3395845	3477465	85.75%	9.424%
4	6.739	787	791	794	rBV	1132737	991679	24.45%	2.687%
5	6.892	813	817	821	rBV	2981551	2637098	65.03%	7.146%
6	7.298	880	886	898	rBV	2155123	2212652	54.56%	5.996%
7	8.016	1004	1008	1024	rBV	1295969	1303828	32.15%	3.533%
8	9.092	1187	1191	1202	rBV	4005826	4055244	100.00%	10.989%
9	9.486	1254	1258	1264	rBV	334108	301752	7.44%	0.818%
10	9.769	1302	1306	1317	rVB	1689877	1508054	37.19%	4.087%
11	10.551	1435	1439	1454	rBV	2937984	2948033	72.70%	7.989%
12	11.245	1553	1557	1566	rBV	1696920	1617816	39.89%	4.384%
13	11.786	1645	1649	1659	rBV	669700	810951	20.00%	2.198%
14	12.298	1733	1736	1740	rBV3	41745	54843	1.35%	0.149%
15	12.451	1759	1762	1765	rBV	103907	103373	2.55%	0.280%
16	12.568	1778	1782	1791	rBV	298644	420762	10.38%	1.140%
17	12.680	1799	1801	1804	rVB	72641	57075	1.41%	0.155%
18	12.827	1822	1826	1830	rBV	3933752	3993560	98.48%	10.822%
19	13.733	1976	1980	1987	rBV3	260248	352382	8.69%	0.955%
20	13.868	1999	2003	2007	rBV	1221850	1318675	32.52%	3.573%
21	14.057	2032	2035	2039	rVB	82518	80848	1.99%	0.219%
22	14.362	2084	2087	2091	rBV	134952	156978	3.87%	0.425%
23	14.657	2134	2137	2143	rVB	157545	169744	4.19%	0.460%
24	14.974	2188	2191	2194	rBV	173248	168531	4.16%	0.457%
25	15.280	2239	2243	2247	rBV	928566	1124936	27.74%	3.048%
26	15.333	2249	2252	2256	rVB	189614	216657	5.34%	0.587%
27	15.739	2317	2321	2325	rBV	174535	239971	5.92%	0.650%

Sum of corrected areas: 36901883

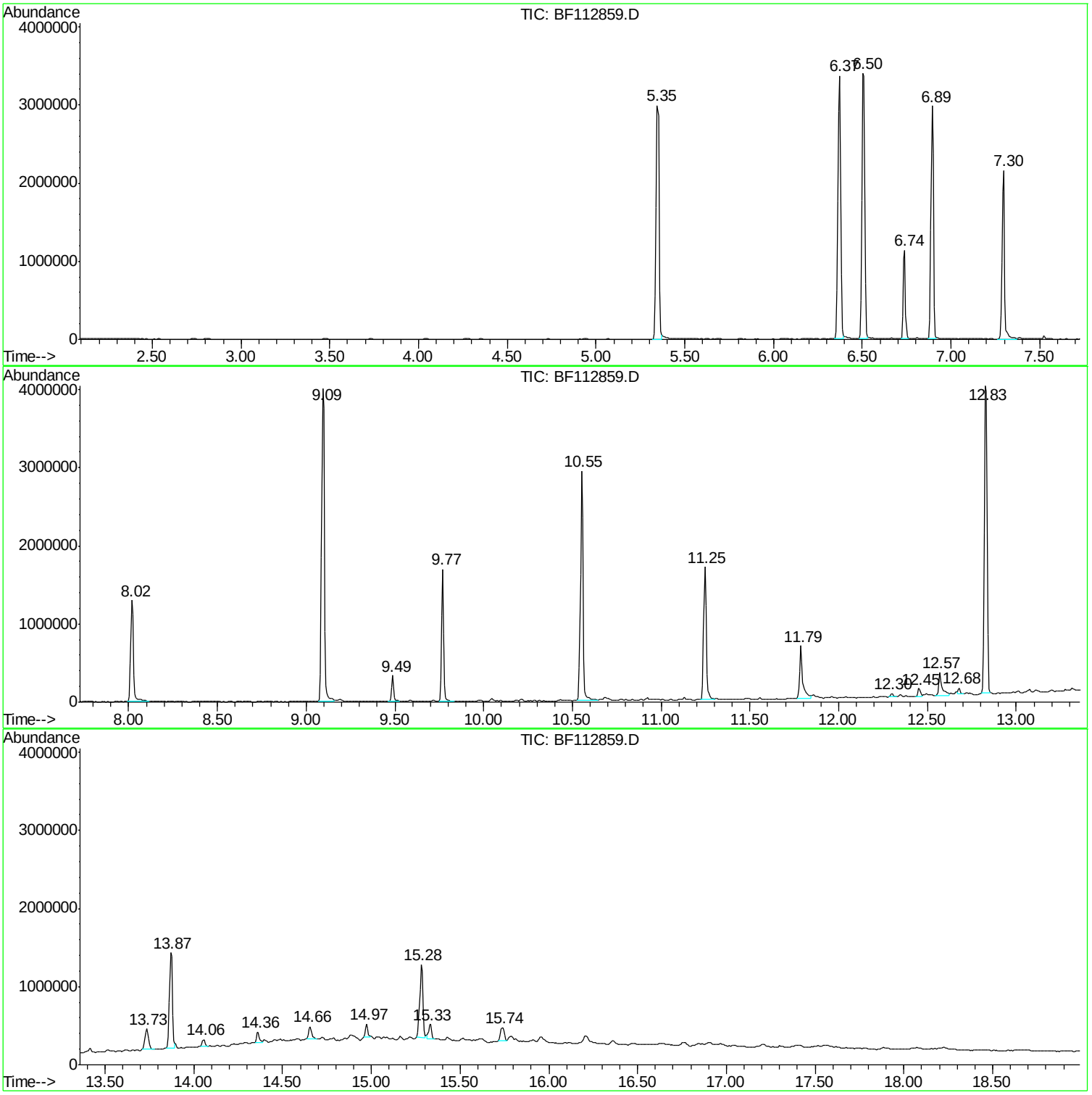
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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

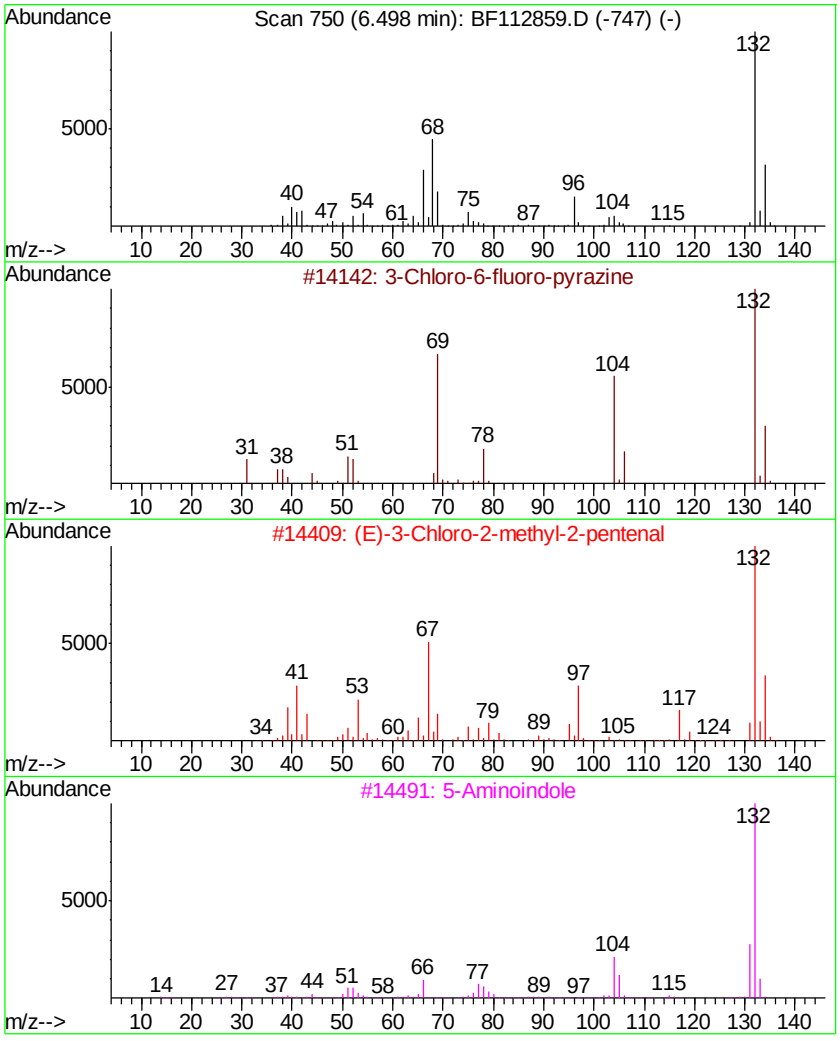
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

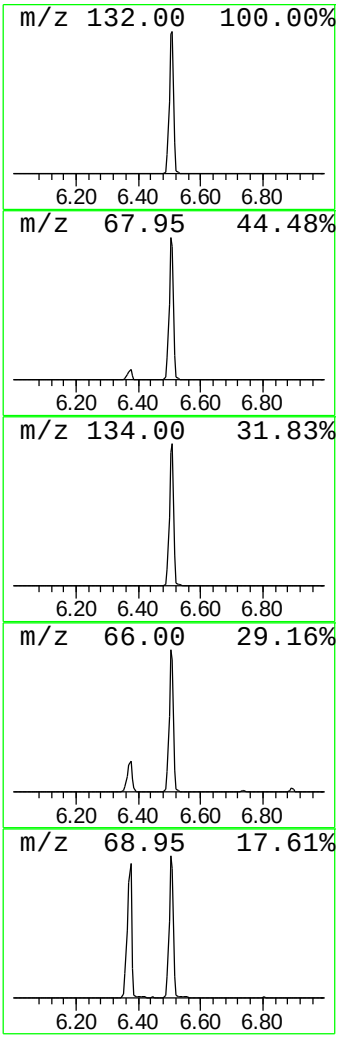
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	70.13 ng	3477470	1,4-Dichlorobenzene-d4	6.74

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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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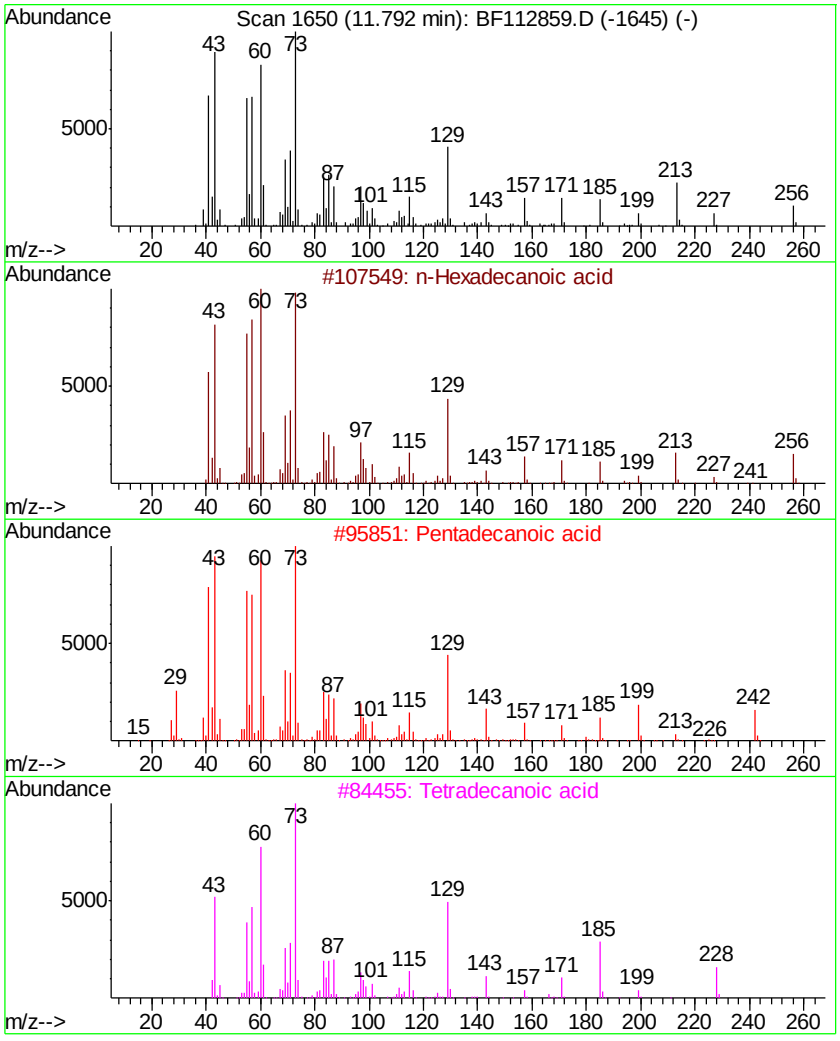
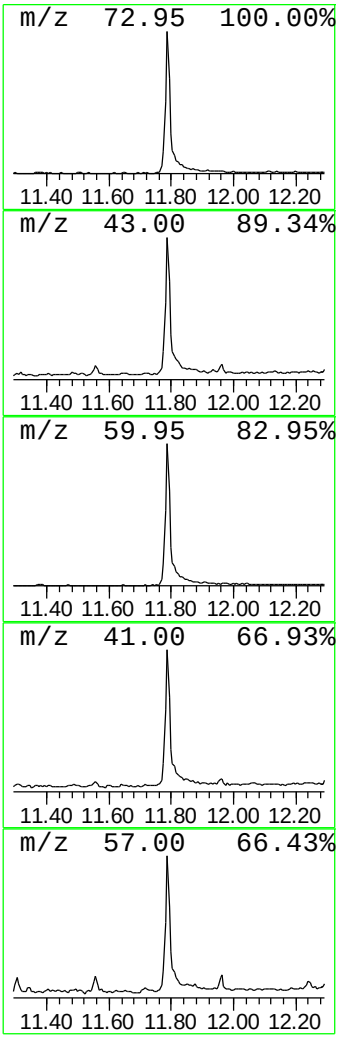
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.03 ng	810951	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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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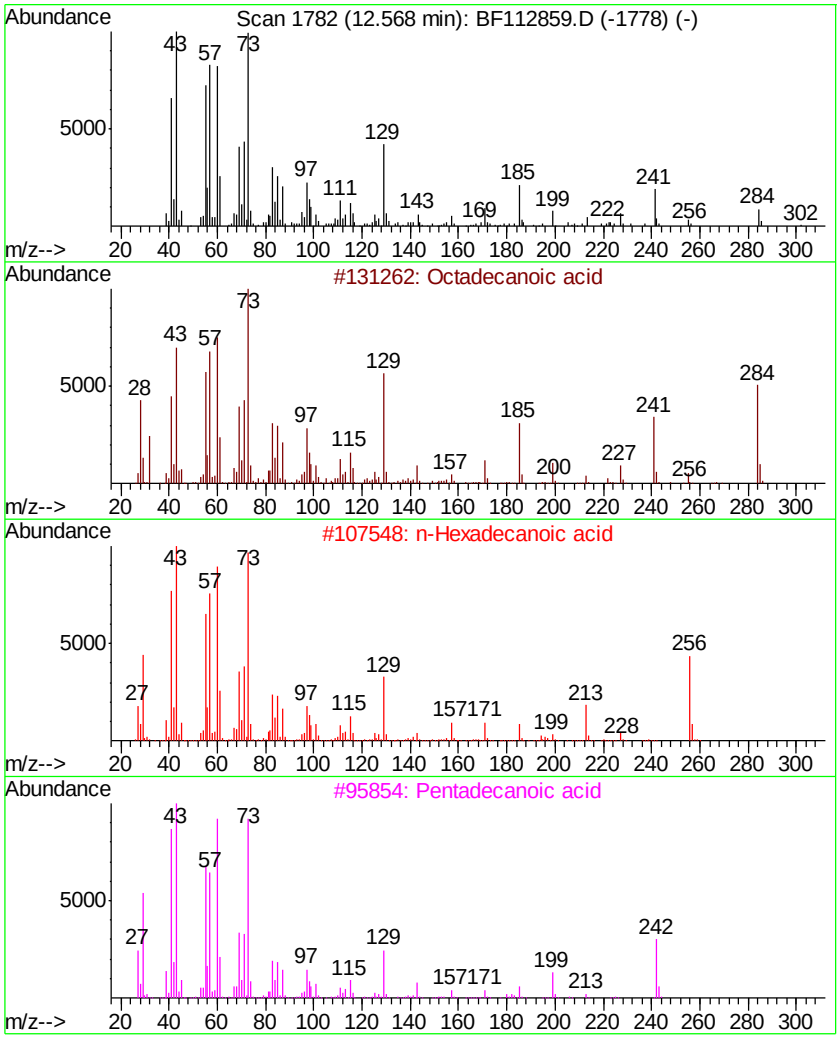
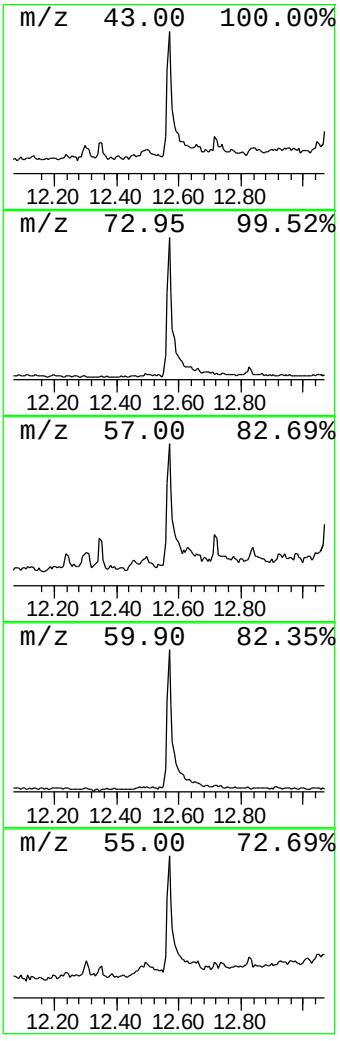
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	6.38 ng	420762	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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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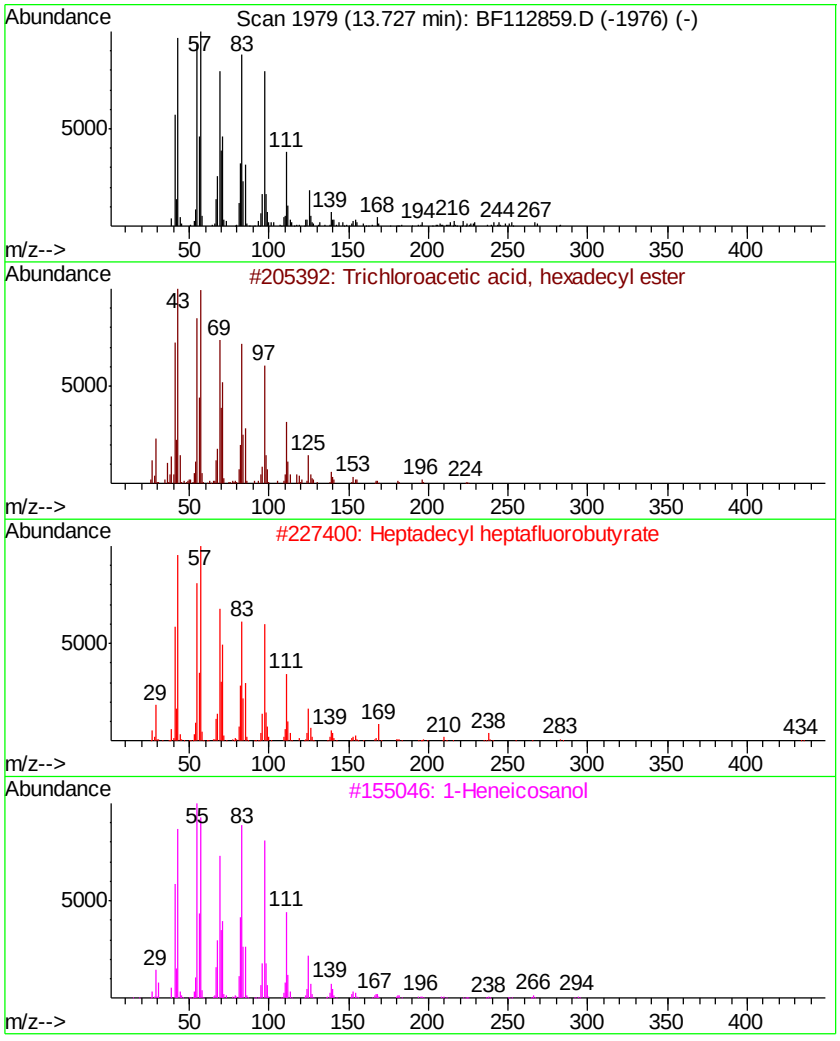
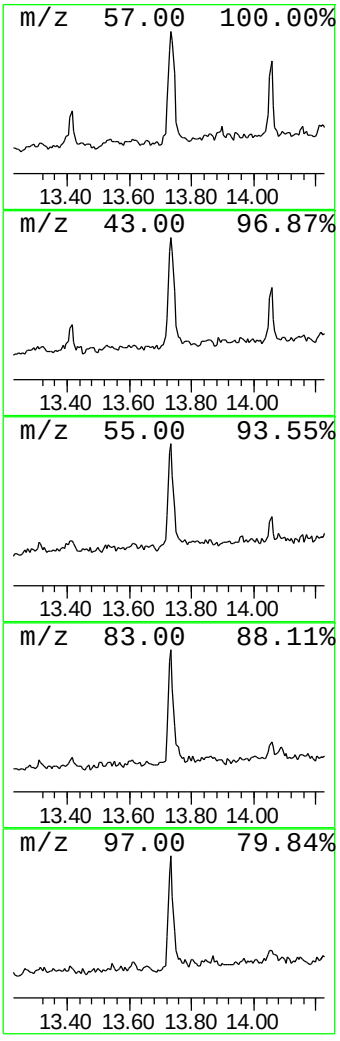
Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.34 ng	352382	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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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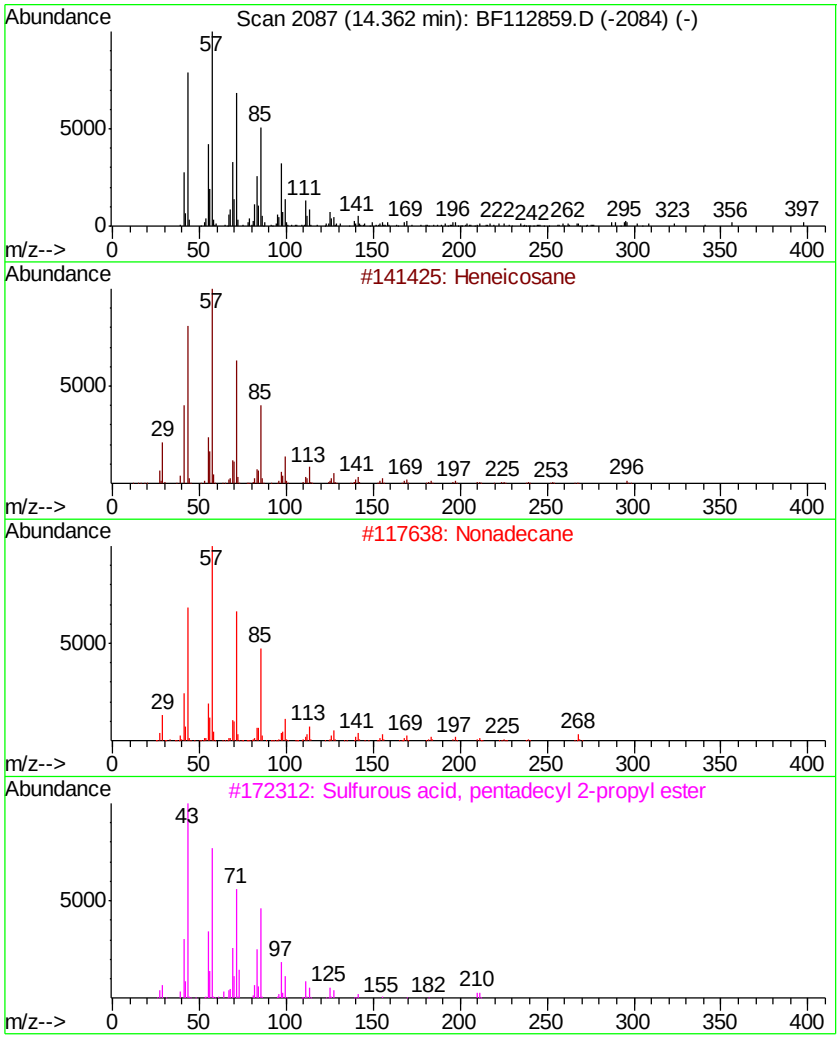
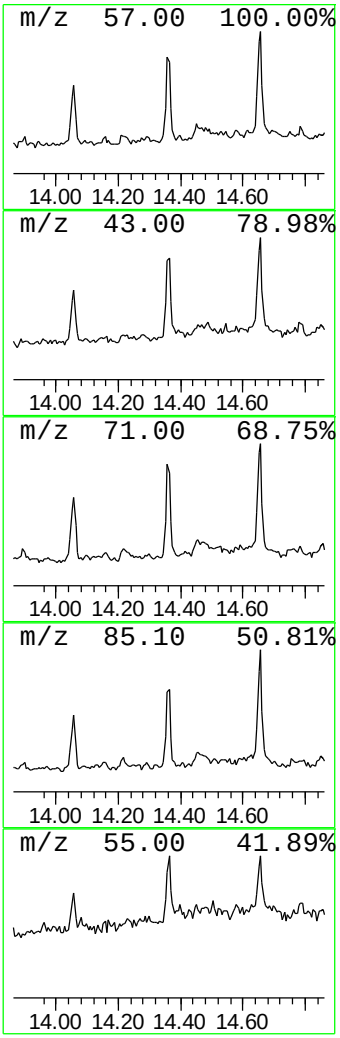
Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.38 ng	156978	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
4	Tritetracontane	605	C43H88	007098-21-7	87
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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

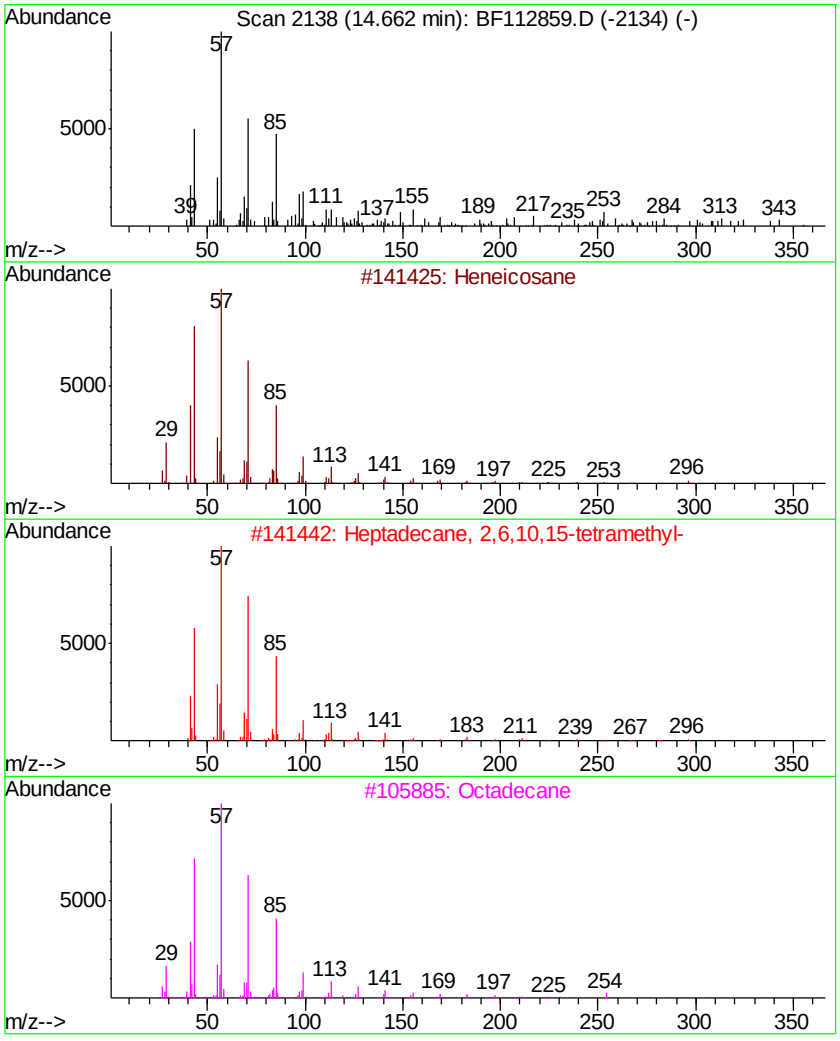
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

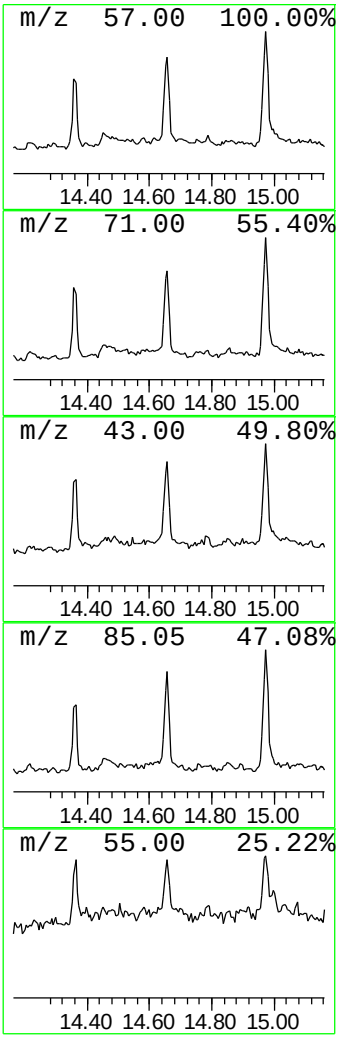
****

Peak Number 7 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.02 ng	169744	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Octadecane	254	C18H38	000593-45-3	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	76
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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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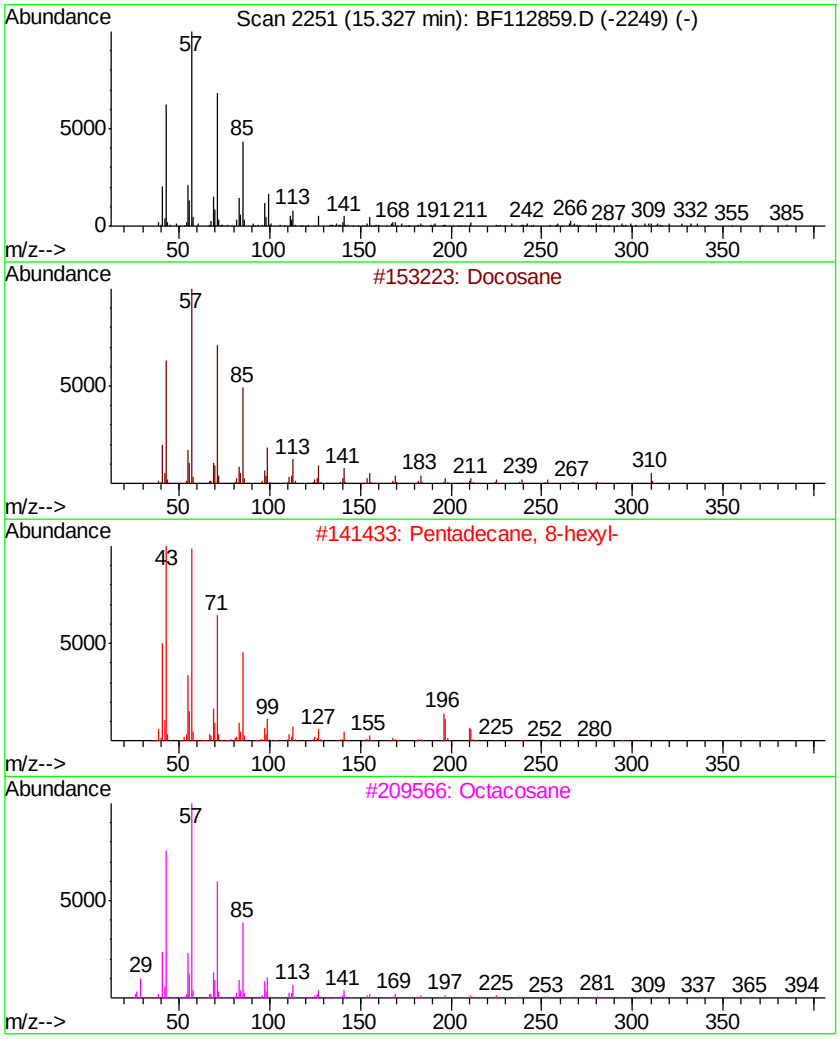
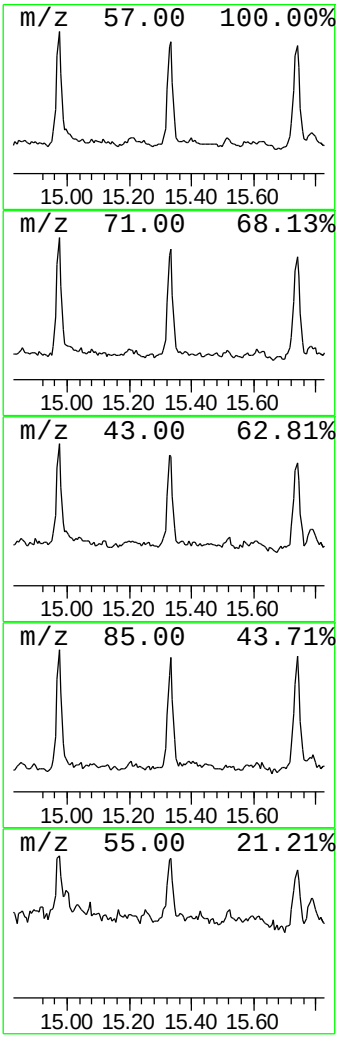
Peak Number 9 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.85 ng	216657	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	98
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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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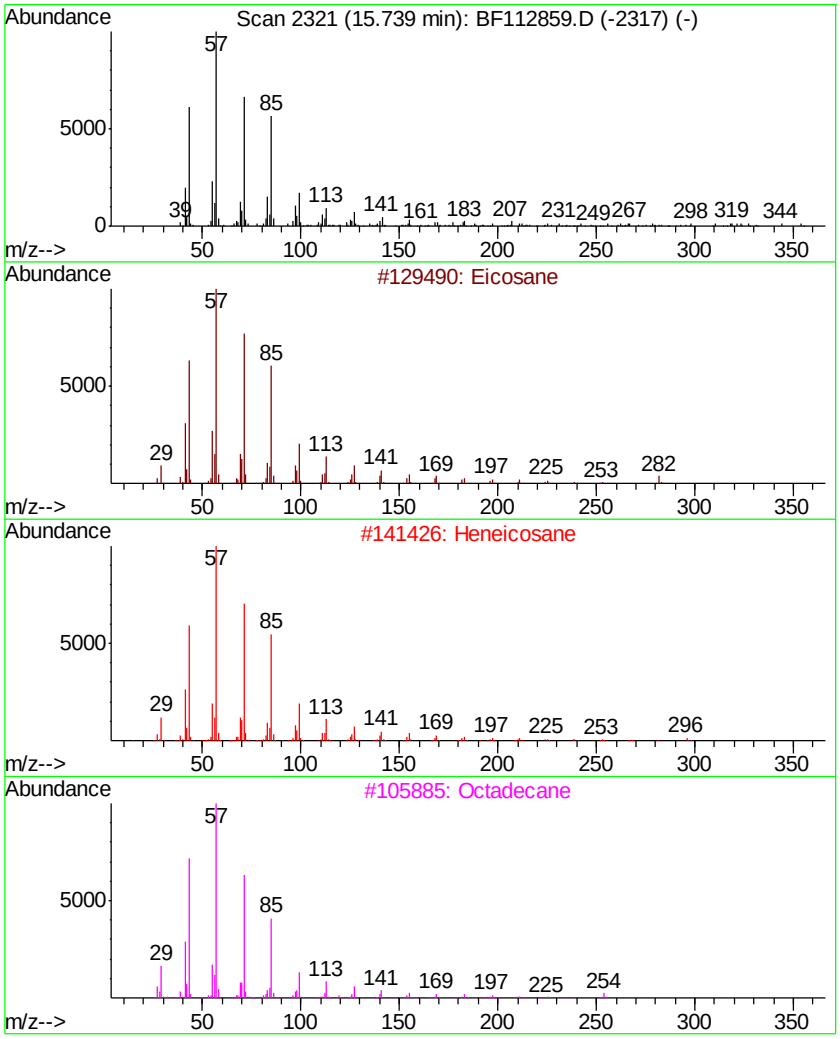
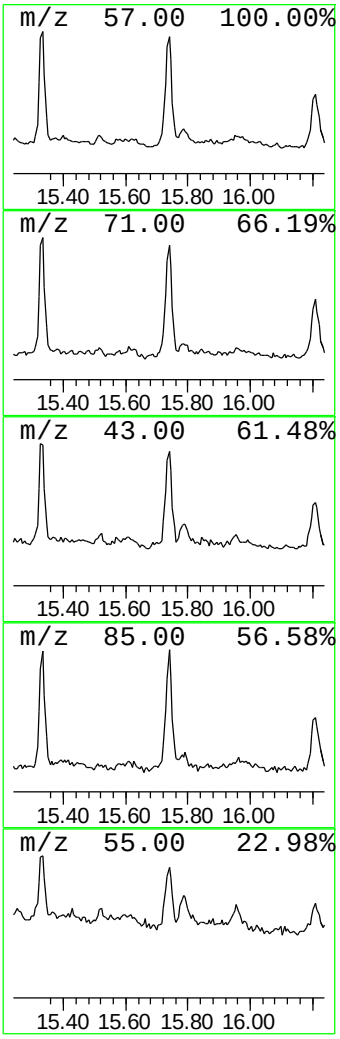
Peak Number 10 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	4.27 ng	239971	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane	254	C18H38	000593-45-3	83
4	Tetratetracontane	619	C44H90	007098-22-8	76
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

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	70.1	ng	3477470	1	6.74	991679	20.0
n-Hexadecanoic acid	11.79	10.0	ng	810951	4	11.25	1617820	20.0
Octadecanoic acid	12.57	6.4	ng	420762	5	13.87	1318680	20.0
Trichloroacetic a...	13.73	5.3	ng	352382	5	13.87	1318680	20.0
Heneicosane	14.36	2.4	ng	156978	5	13.87	1318680	20.0
Octadecane	14.66	3.0	ng	169744	6	15.28	1124940	20.0
Docosane	15.33	3.9	ng	216657	6	15.28	1124940	20.0
Eicosane	15.74	4.3	ng	239971	6	15.28	1124940	20.0