LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

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-BF052919.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	4.881	465	475	482	rBV2	95846	155454	2.05%	0.218%
2	5.293	540	545	549	rBV	5130473	5674493	74.96%	7.972%
3	6.322	714	720	724	rBV	5248215	6002177	79.29%	8.432%
4	6.457	739	743	747	rBV	5829883	6062037	80.08%	8.516%
5	6.692	779	783	786	rBV	2177230	1697126	22.42%	2.384%
6	6.851	806	810	813	rVB	5533932	4831653	63.83%	6.788%
7	7.251	873	878	881	rBV	4244749	3792939	50.11%	5.329%
8	7.969	996	1000	1004	rBV	2491820	2203616	29.11%	3.096%
9	9.045	1179	1183	1187	rBV	6954620	6781653	89.59%	9.527%
10	9.439	1246	1250	1253	rBV	651512	524647	6.93%	0.737%
11	9.716	1293	1297	1301	rBV2	2990051	2545951	33.63%	3.577%
12	10.498	1425	1430	1433	rBV	4794943	4417208	58.35%	6.206%
13	11.192	1544	1548	1551	rBV	3083948	2773898	36.64%	3.897%
14	11.739	1636	1641	1651	rBV	992942	1081483	14.29%	1.519%
15	12.516	1769	1773	1785	rBV	533689	668427	8.83%	0.939%
16	12.651	1792	1796	1798	rBV	148992	145820	1.93%	0.205%
17	12.774	1812	1817	1820	rBV	7704654	7569823	100.00%	10.634%
18	13.363	1915	1917	1921	rVB	89662	81886	1.08%	0.115%
19	13.680	1967	1971	1979	rBV	1005510	1227900	16.22%	1.725%
20	13.810	1989	1993	1996	rBV	3132915	2760551	36.47%	3.878%
21	14.010	2023	2027	2031	rBV	554930	505639	6.68%	0.710%
22	14.310	2075	2078	2085	rBV	1022451	979714	12.94%	1.376%
23	14.604	2125	2128	2135	rVB	1339819	1266661	16.73%	1.779%
24	14.674	2137	2140	2144	rVB	122886	109072	1.44%	0.153%
25	14.915	2177	2181	2190	rBV	1348502	1490126	19.69%	2.093%
26	15.198	2223	2229	2233	rBV	1959849	2385132	31.51%	3.351%
27	15.268	2236	2241	2250	rVB	1109805	1402127	18.52%	1.970%
28	15.662	2303	2308	2312	rBV	783895	1093461	14.45%	1.536%
29	15.698	2312	2314	2322	rVB3	125967	198869	2.63%	0.279%
30	16.121	2381	2386	2394	rVB	356883	559931	7.40%	0.787%
31	16.657	2472	2477	2482	rBV	109010	192341	2.54%	0.270%

Sum of corrected areas: 71181815

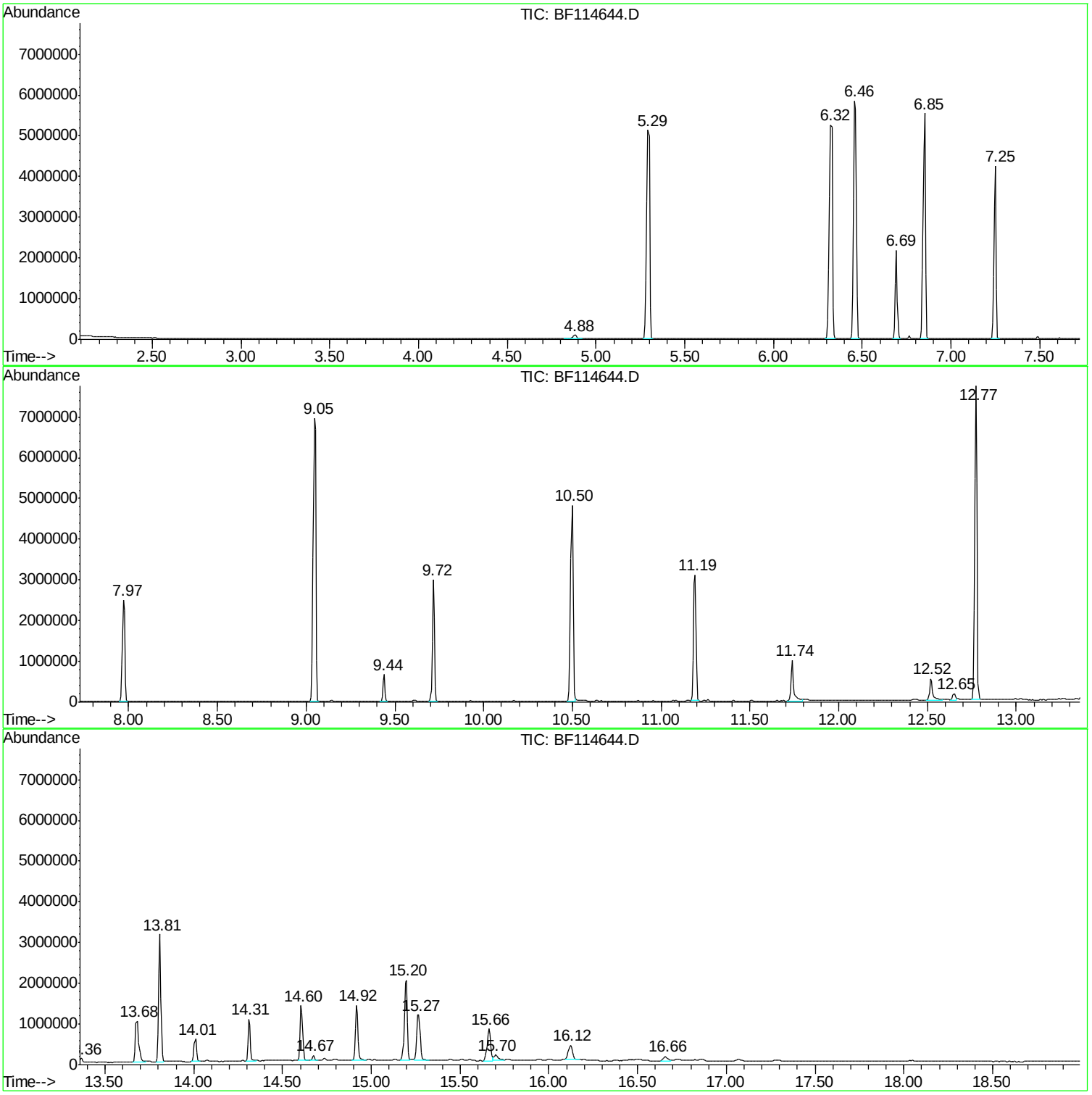
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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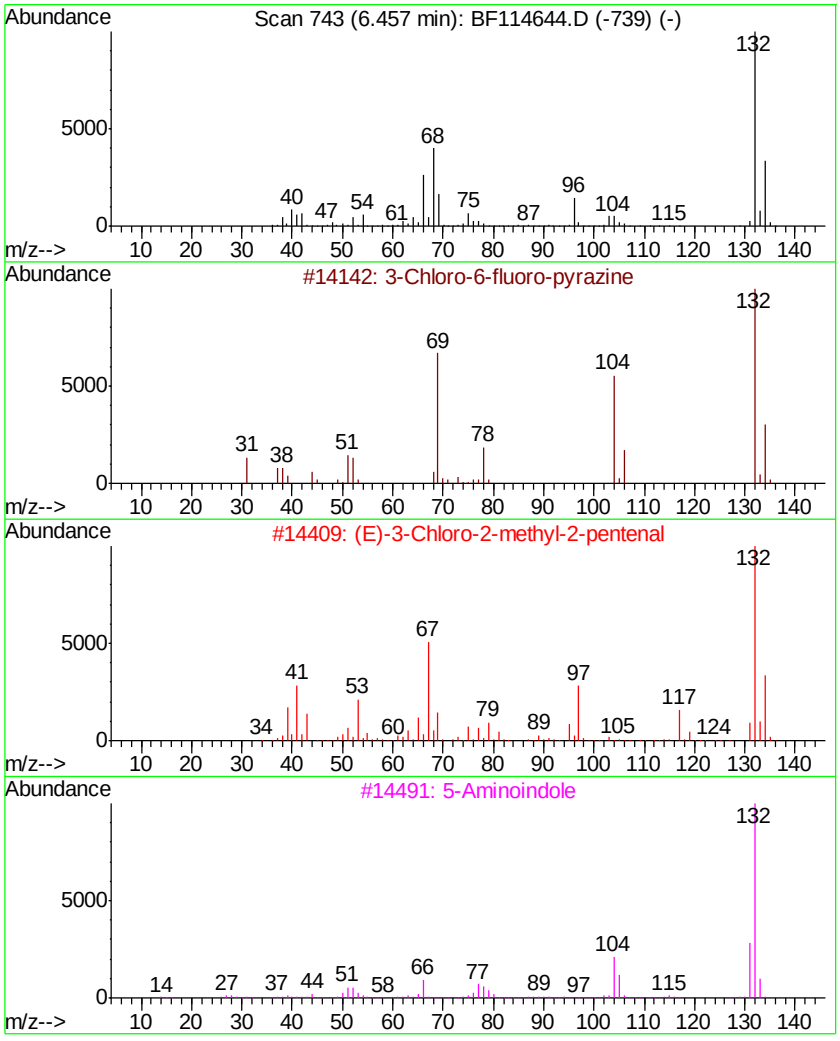
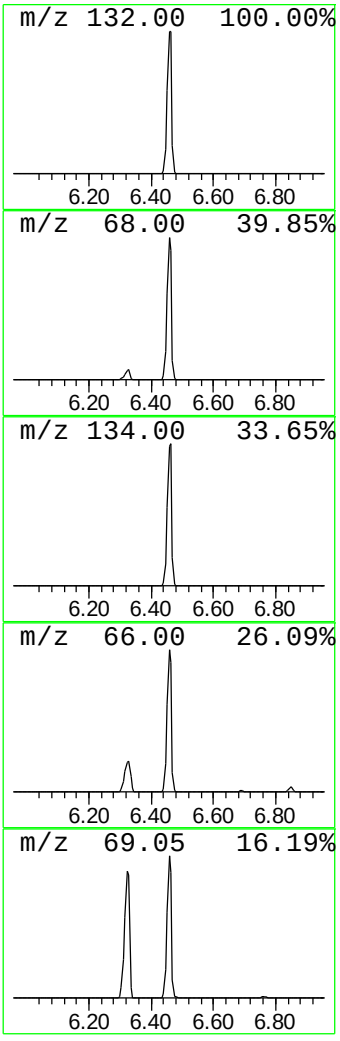
Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	71.44 ng	6062040	1,4-Dichlorobenzene-d4	6.69

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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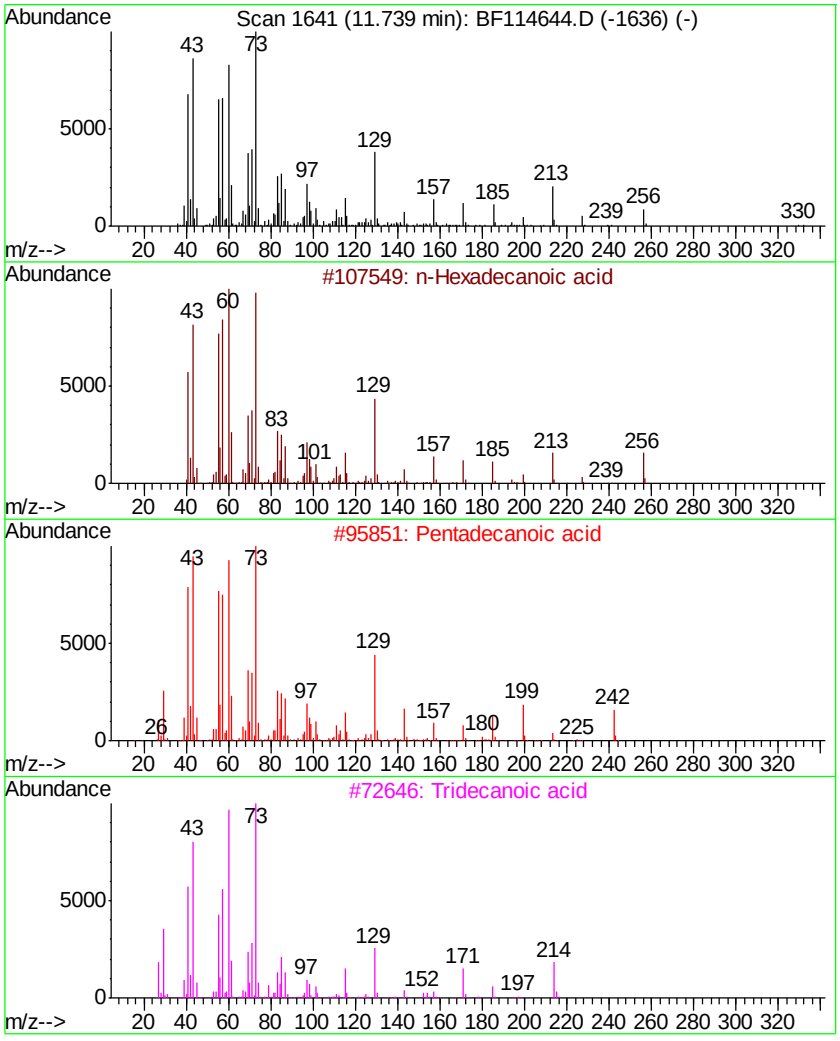
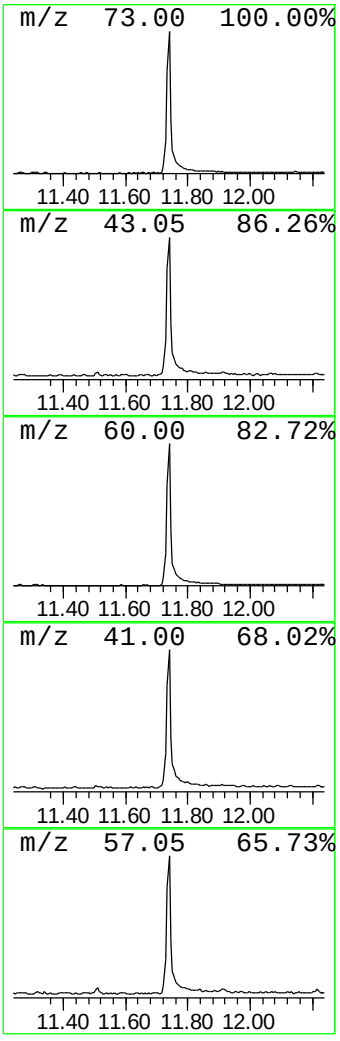
Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	7.80 ng	1081480	Phenanthrene-d10	11.19

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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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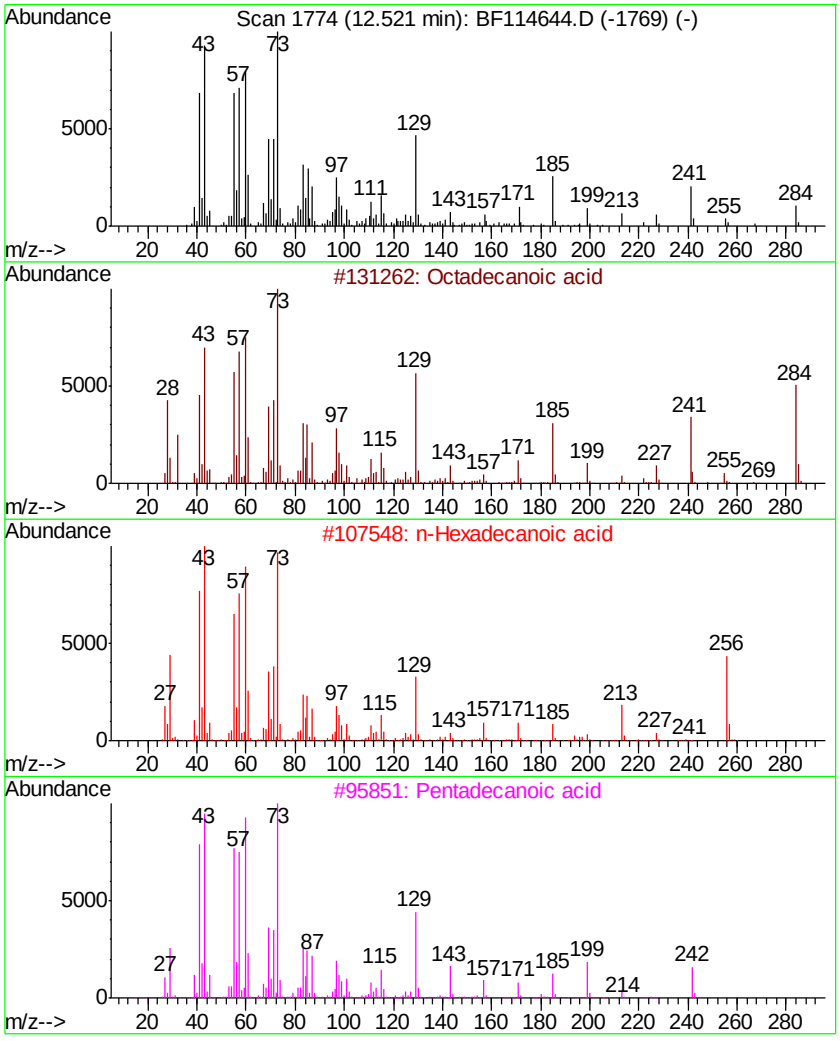
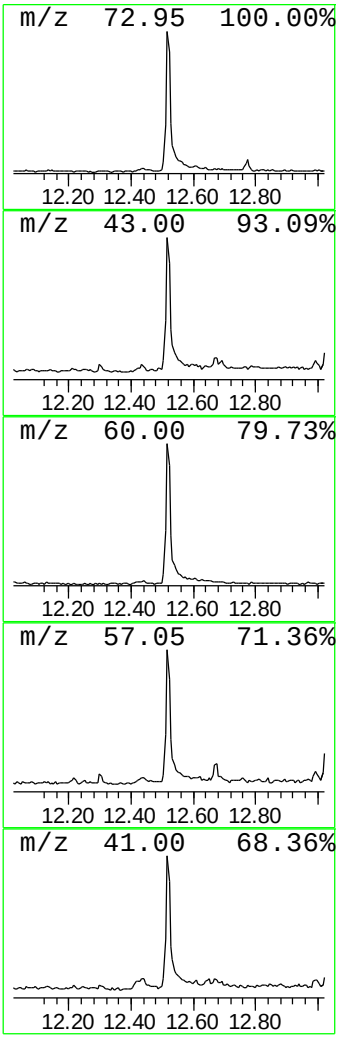
Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.84 ng	668427	Chrysene-d12	13.81

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	93
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

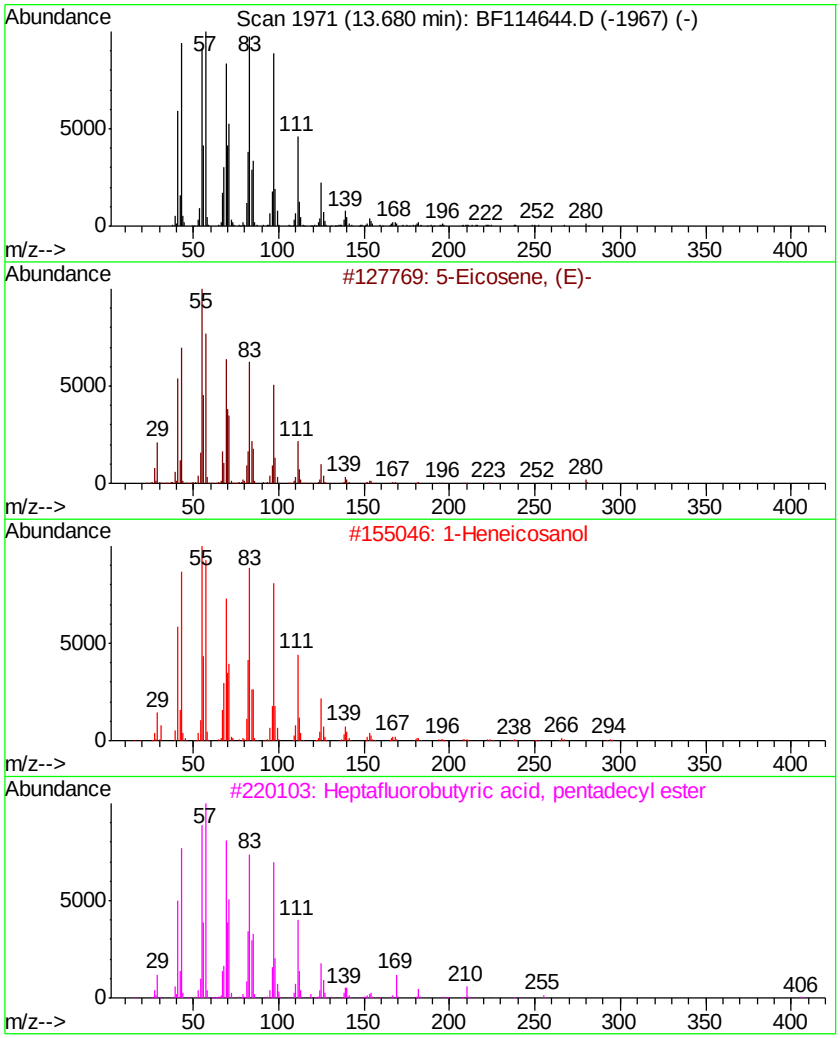
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

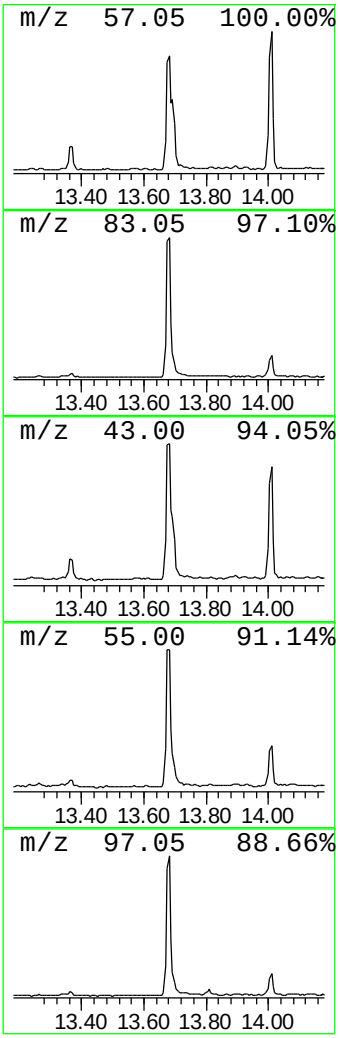
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	8.90 ng	1227900	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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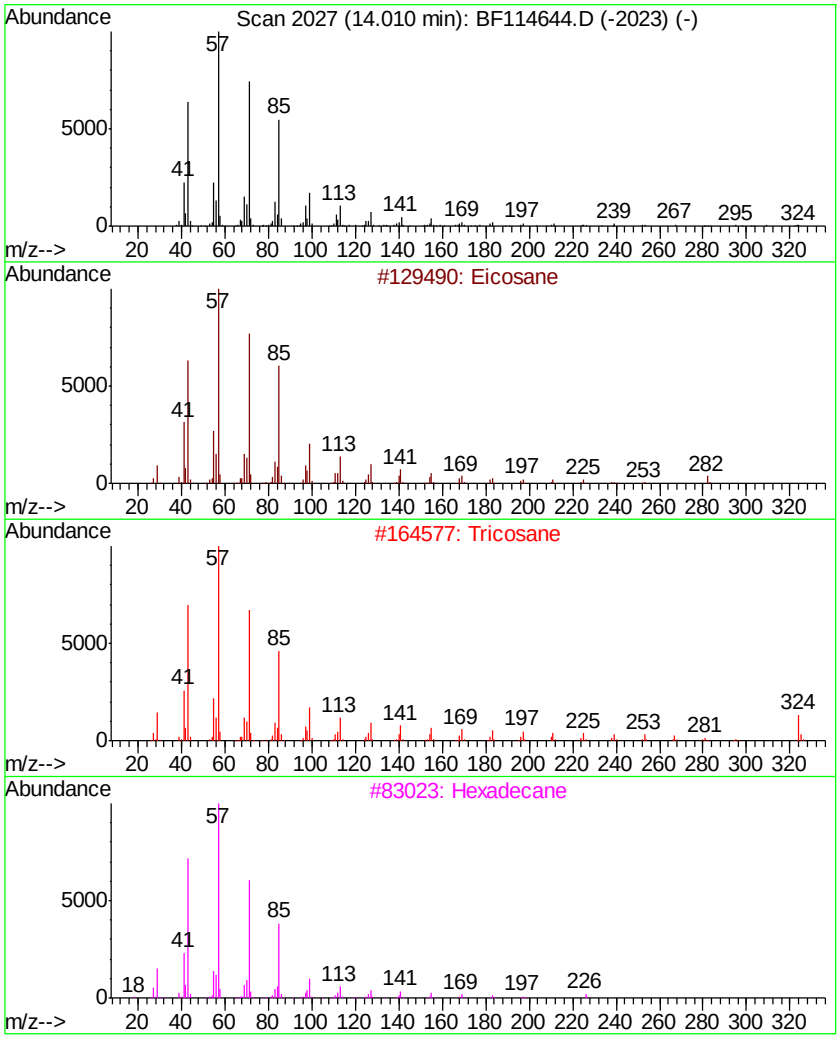
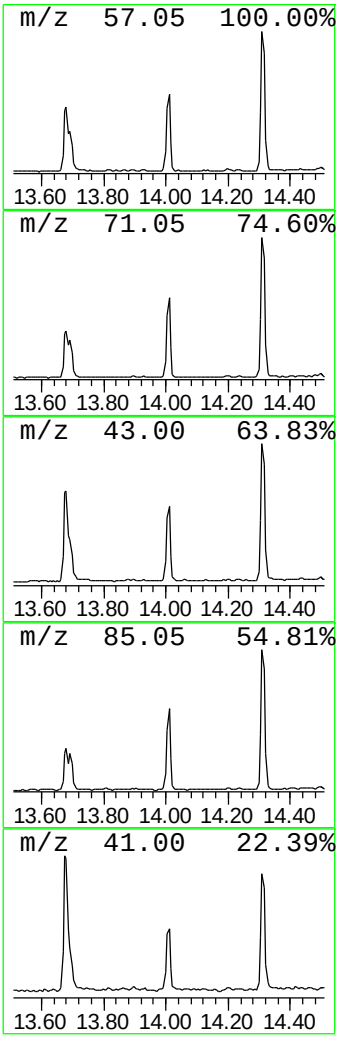
Peak Number 6 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.66 ng	505639	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Tricosane	324	C23H48	000638-67-5	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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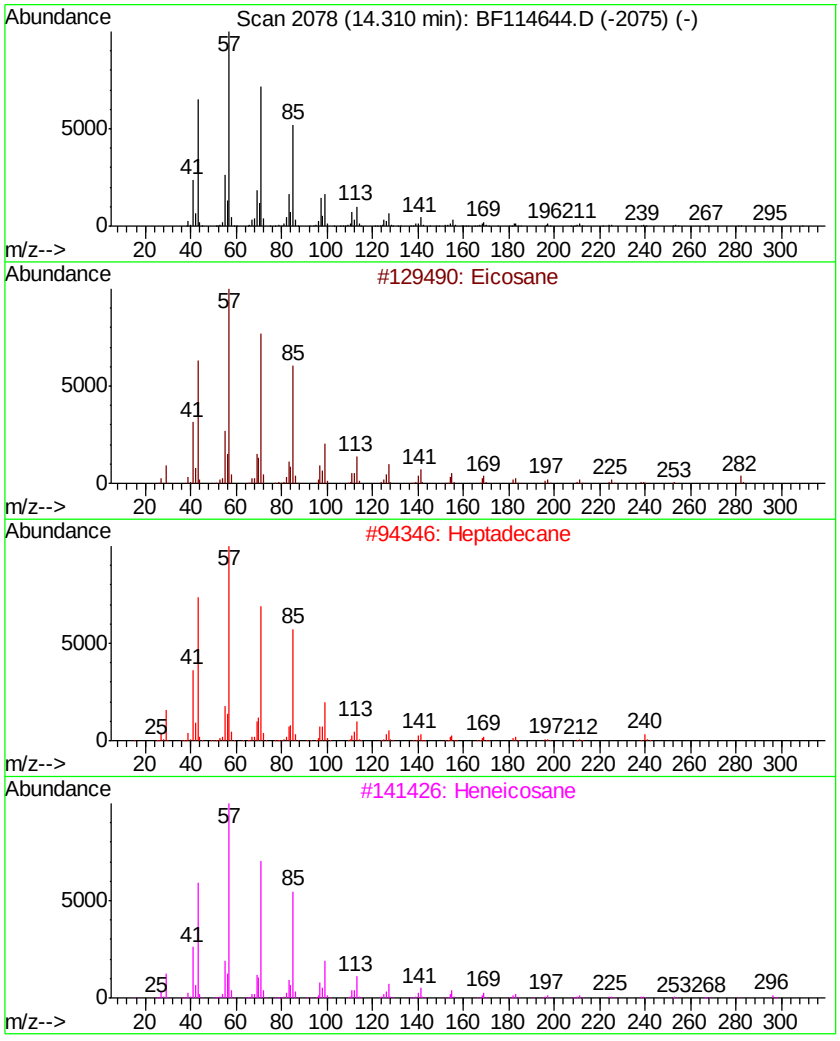
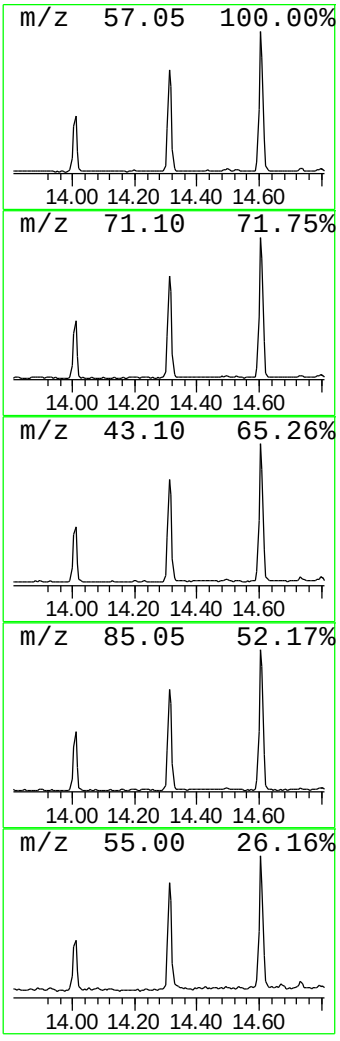
Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	7.10 ng	979714	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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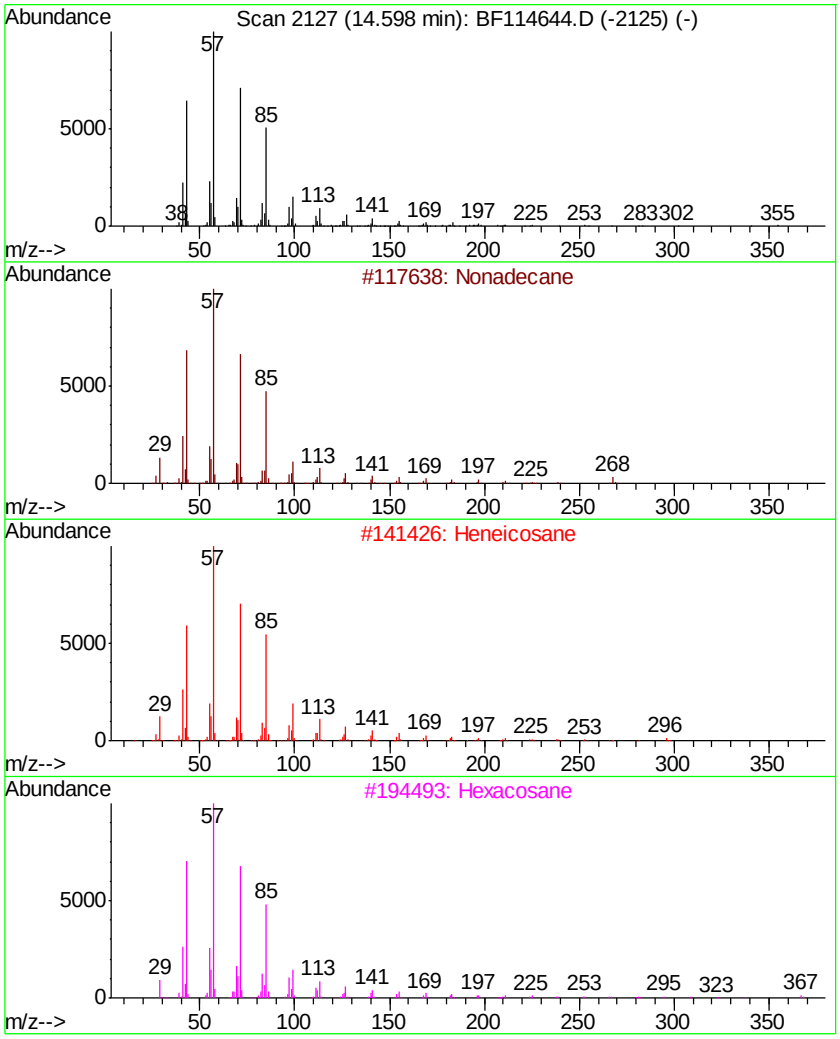
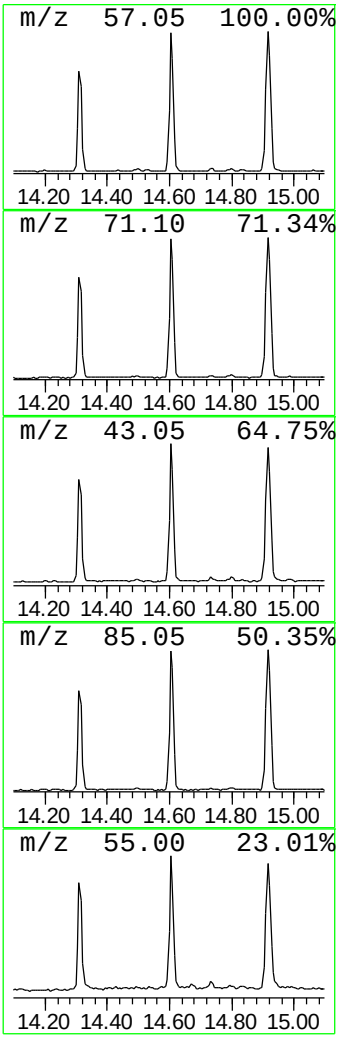
Peak Number 8 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	10.62 ng	1266660	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

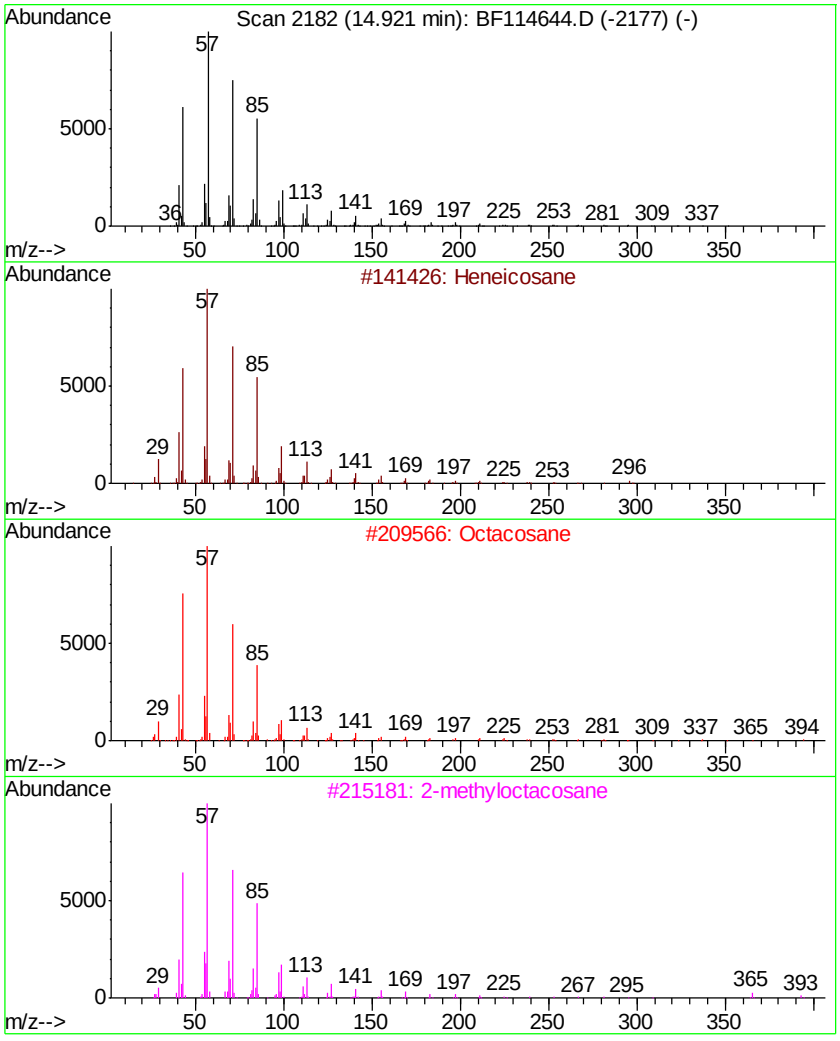
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

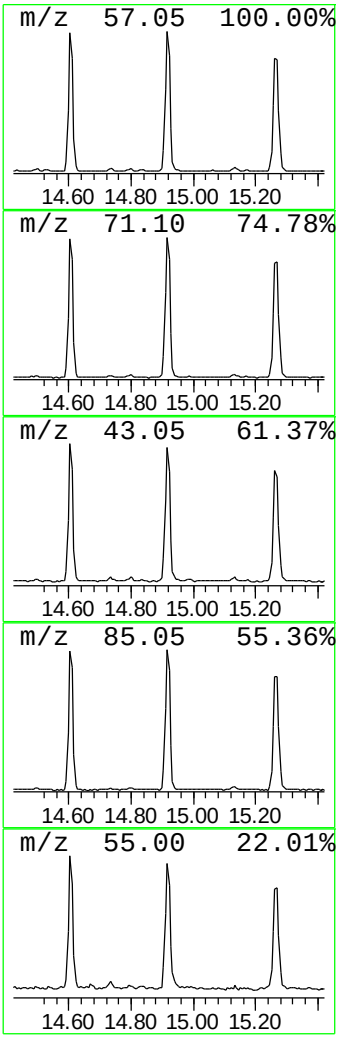
****

Peak Number 9 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	12.50 ng	1490130	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

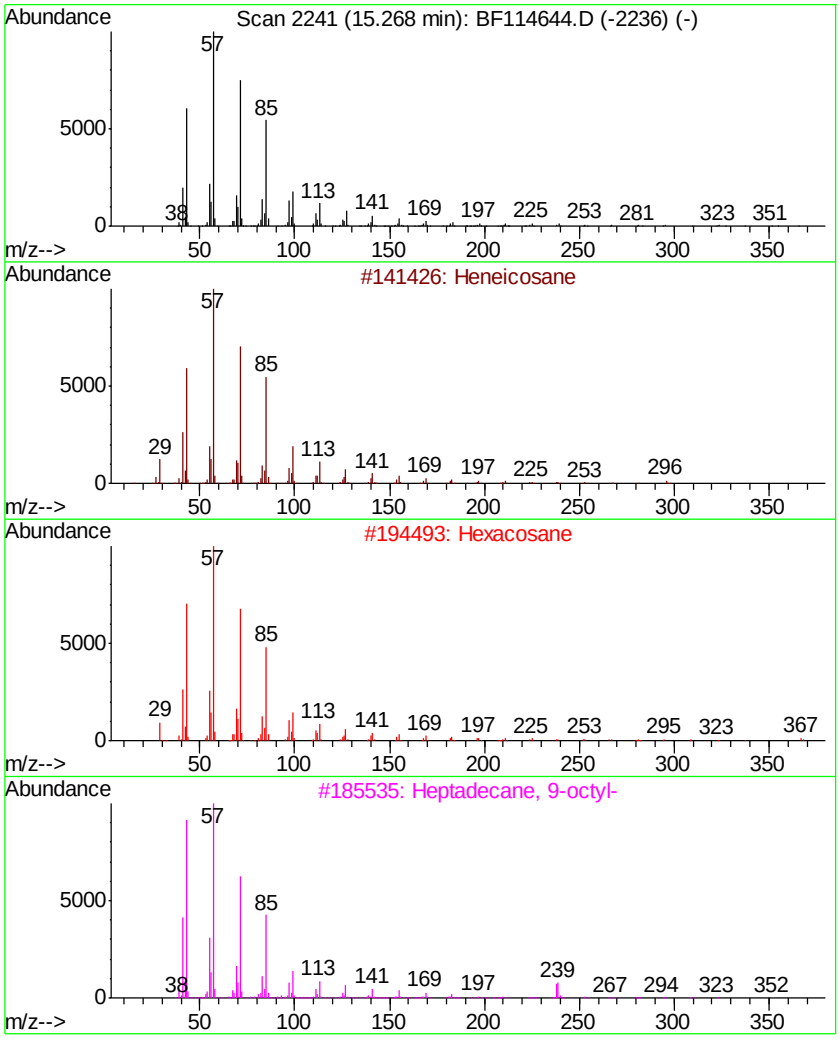
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

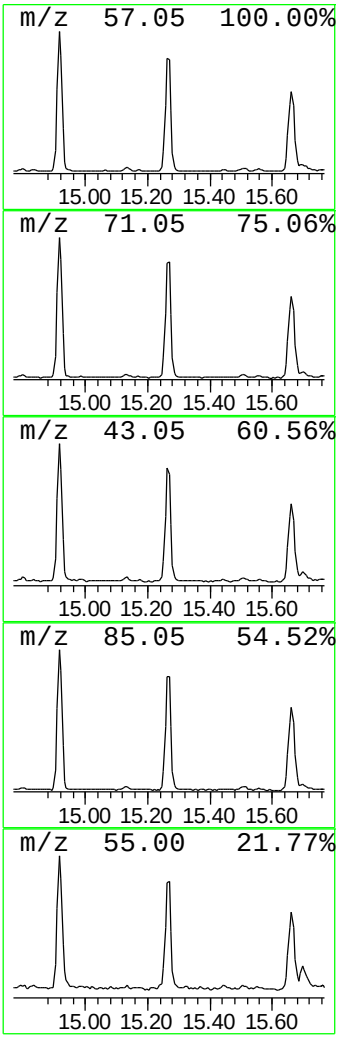
****

Peak Number 10 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	11.76 ng	1402130	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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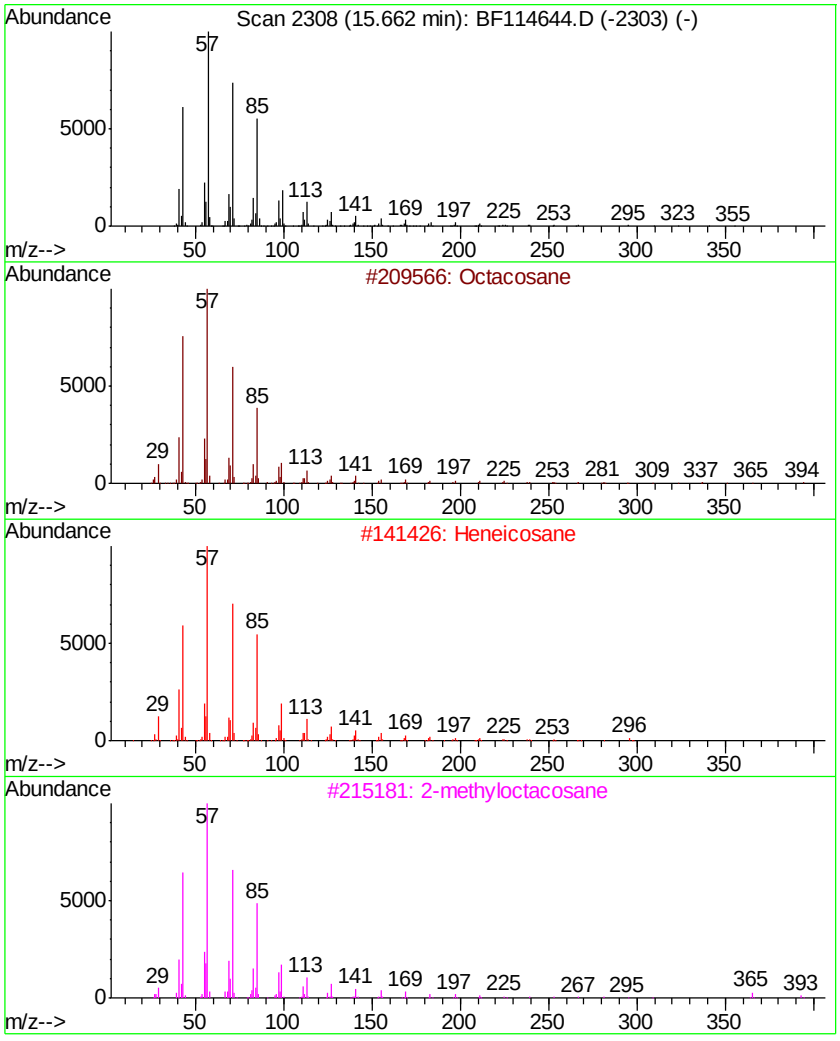
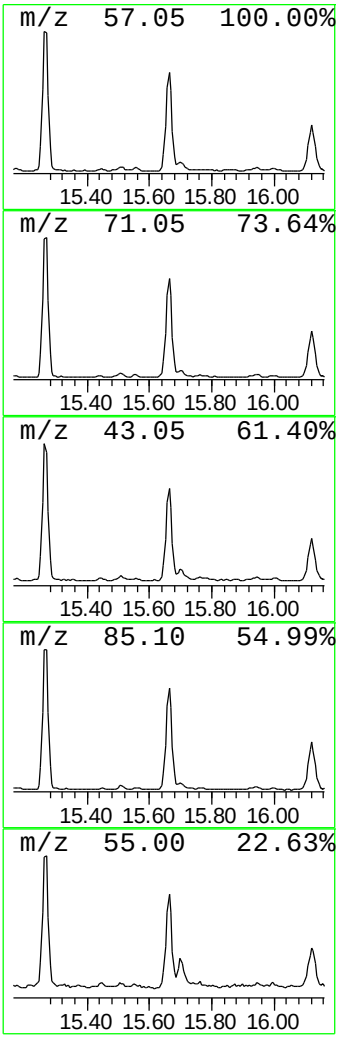
Peak Number 11 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	9.17 ng	1093460	Perylene-d12	15.20

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	2-methyloctacosane	408	C29H60	1000376-72-8	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\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

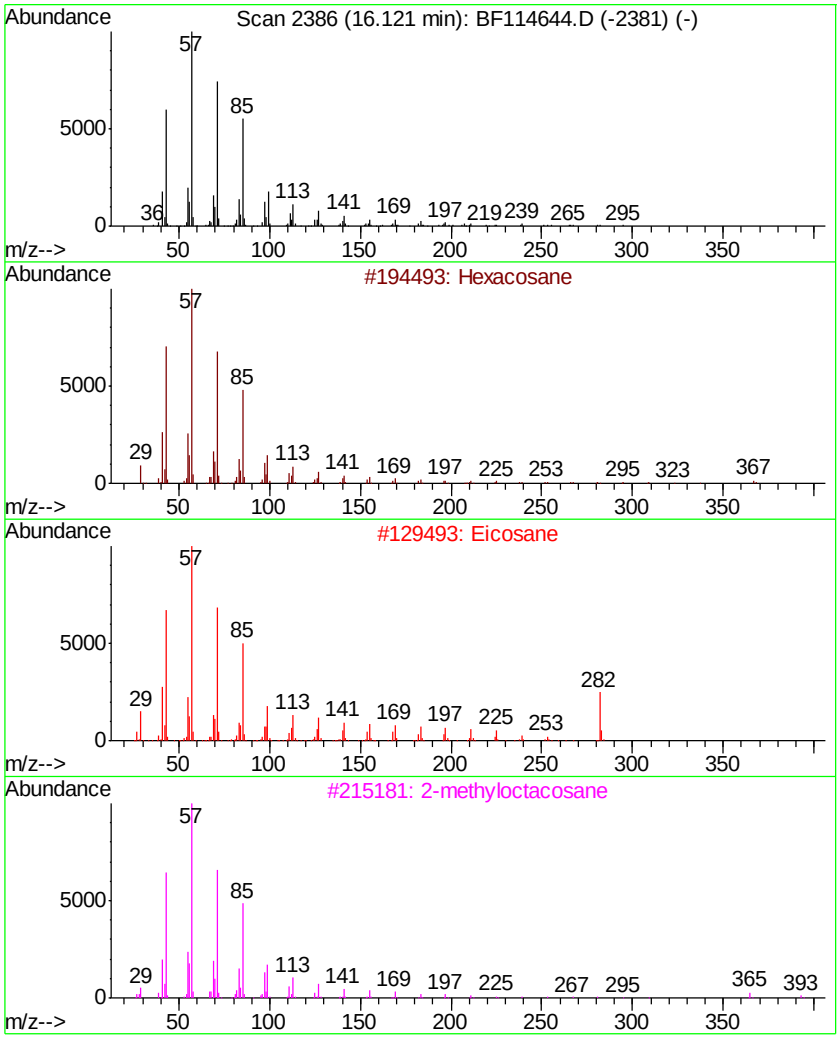
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

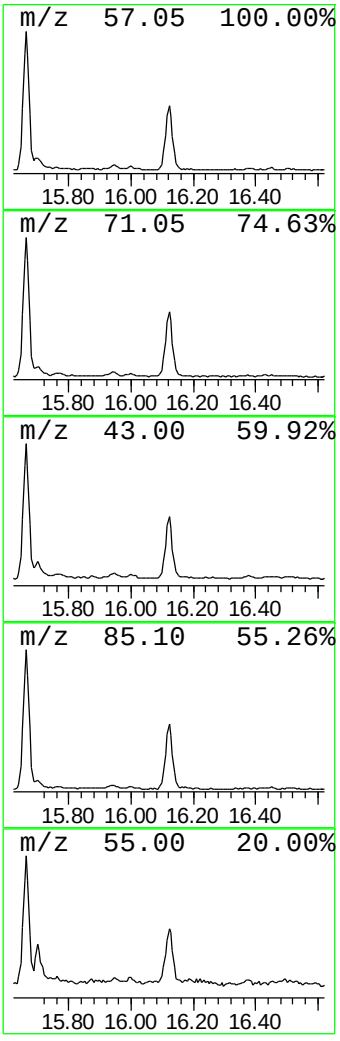
****

Peak Number 12 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	4.70 ng	559931	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Eicosane	282	C20H42	000112-95-8	93
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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052919\
Data File : BF114644.D
Acq On : 29 May 2019 20:30
Operator : HP/JU
Sample : K3068-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4W(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.46	6.46	71.4	ng	6062040	1	6.69	1697130	20.0
n-Hexadecanoic acid	11.74	7.8	ng	1081480	4	11.19	2773900	20.0
Octadecanoic acid	12.52	4.8	ng	668427	5	13.81	2760550	20.0
5-Eicosene, (E)-	13.68	8.9	ng	1227900	5	13.81	2760550	20.0
Eicosane	14.01	3.7	ng	505639	5	13.81	2760550	20.0
Heptadecane	14.31	7.1	ng	979714	5	13.81	2760550	20.0
Nonadecane	14.60	10.6	ng	1266660	6	15.20	2385130	20.0
Heneicosane	14.92	12.5	ng	1490130	6	15.20	2385130	20.0
Hexacosane	15.27	11.8	ng	1402130	6	15.20	2385130	20.0
Octacosane	15.66	9.2	ng	1093460	6	15.20	2385130	20.0
2-methyloctacosane	16.12	4.7	ng	559931	6	15.20	2385130	20.0