LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

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-BF092218.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	4.892	473	477	486	rBV	20515	29087	1.91%	0.188%
2	5.322	546	550	573	rBV	939665	1031512	67.72%	6.656%
3	6.351	721	725	742	rBV	1027655	1182846	77.65%	7.632%
4	6.475	742	746	770	rVB	1258168	1241596	81.51%	8.011%
5	6.704	781	785	795	rBV	439065	476665	31.29%	3.076%
6	6.775	795	797	807	rVB	13886	19421	1.27%	0.125%
7	6.857	807	811	822	rBV	1070585	949224	62.32%	6.125%
8	7.263	876	880	906	rBV	708185	792174	52.01%	5.112%
9	7.980	999	1002	1024	rBV	649949	666005	43.72%	4.297%
10	9.057	1181	1185	1203	rBV	1689444	1523216	100.00%	9.829%
11	9.451	1248	1252	1267	rBV	510582	418773	27.49%	2.702%
12	9.733	1296	1300	1313	rBV	825547	789562	51.84%	5.095%
13	10.516	1430	1433	1448	rBV	728572	752606	49.41%	4.856%
14	11.210	1547	1551	1562	rBV	864925	813552	53.41%	5.250%
15	11.745	1638	1642	1658	rBV2	75560	135222	8.88%	0.873%
16	12.527	1770	1775	1785	rBV	111251	175824	11.54%	1.135%
17	12.621	1788	1791	1793	rVV	20675	19087	1.25%	0.123%
18	12.792	1816	1820	1836	rVB	1535641	1442075	94.67%	9.305%
19	13.027	1857	1860	1865	rVB2	22502	23753	1.56%	0.153%
20	13.274	1894	1902	1906	rBV	146586	212347	13.94%	1.370%
21	13.368	1916	1918	1921	rVB	32857	26972	1.77%	0.174%
22	13.698	1969	1974	1984	rBV	96658	133030	8.73%	0.858%
23	13.839	1993	1998	2006	rBV	724561	741579	48.69%	4.785%
24	13.957	2015	2018	2023	rBV4	19344	26596	1.75%	0.172%
25	14.009	2024	2027	2033	rVB	56638	57889	3.80%	0.374%
26	14.315	2075	2079	2082	rBV	79181	72424	4.75%	0.467%
27	14.609	2125	2129	2132	rVB	116307	109010	7.16%	0.703%
28	14.674	2137	2140	2145	rVV	175150	174186	11.44%	1.124%
29	14.921	2178	2182	2188	rBV	163994	180960	11.88%	1.168%
30	15.239	2231	2236	2239	rBV	511828	612148	40.19%	3.950%
31	15.274	2239	2242	2250	rVB	183680	236594	15.53%	1.527%
32	15.668	2304	2309	2315	rBV	149882	218483	14.34%	1.410%
33	16.127	2381	2387	2394	rVB	86771	150433	9.88%	0.971%
34	16.668	2474	2479	2485	rVB	36604	62841	4.13%	0.405%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 15497692

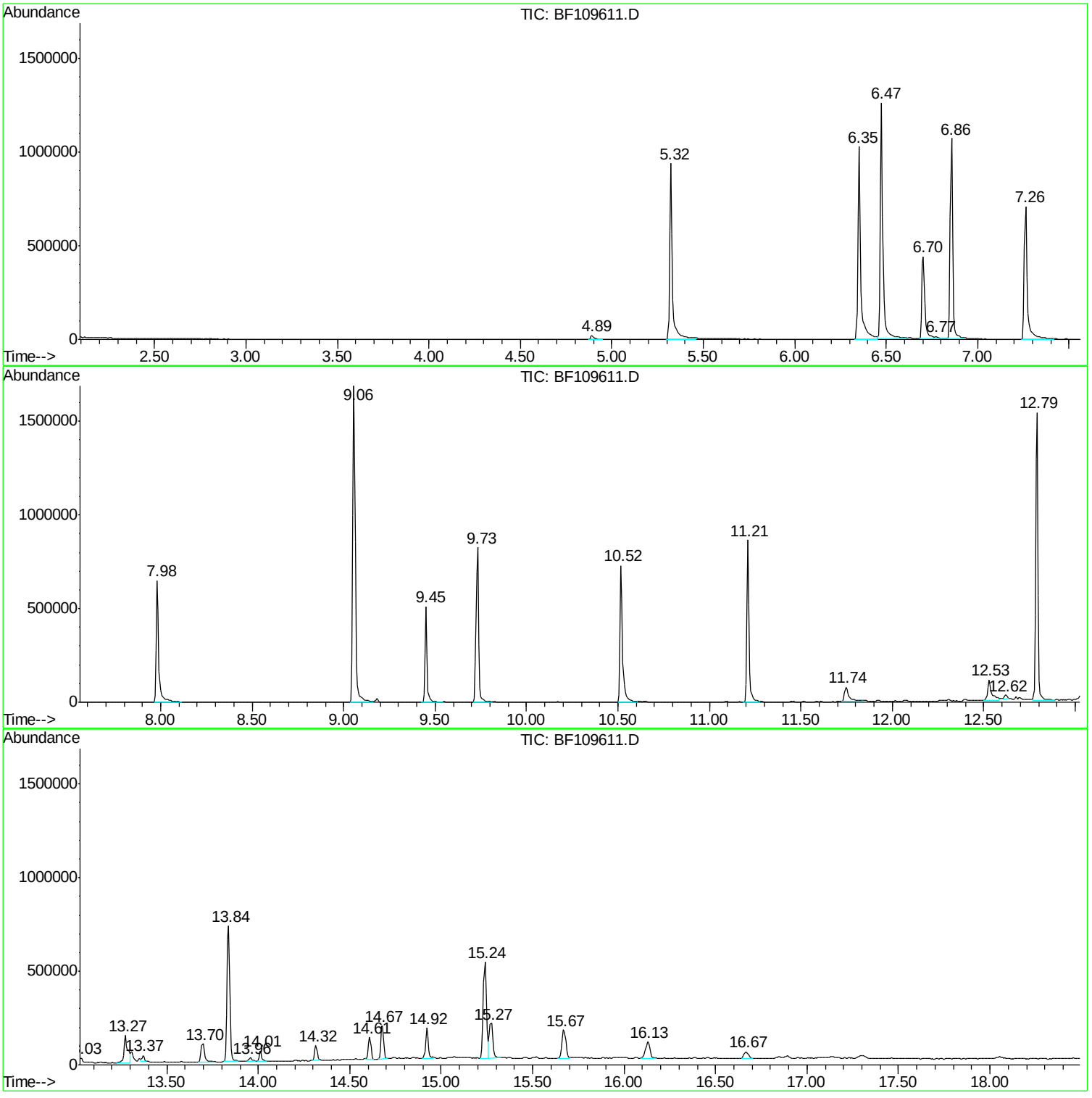
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

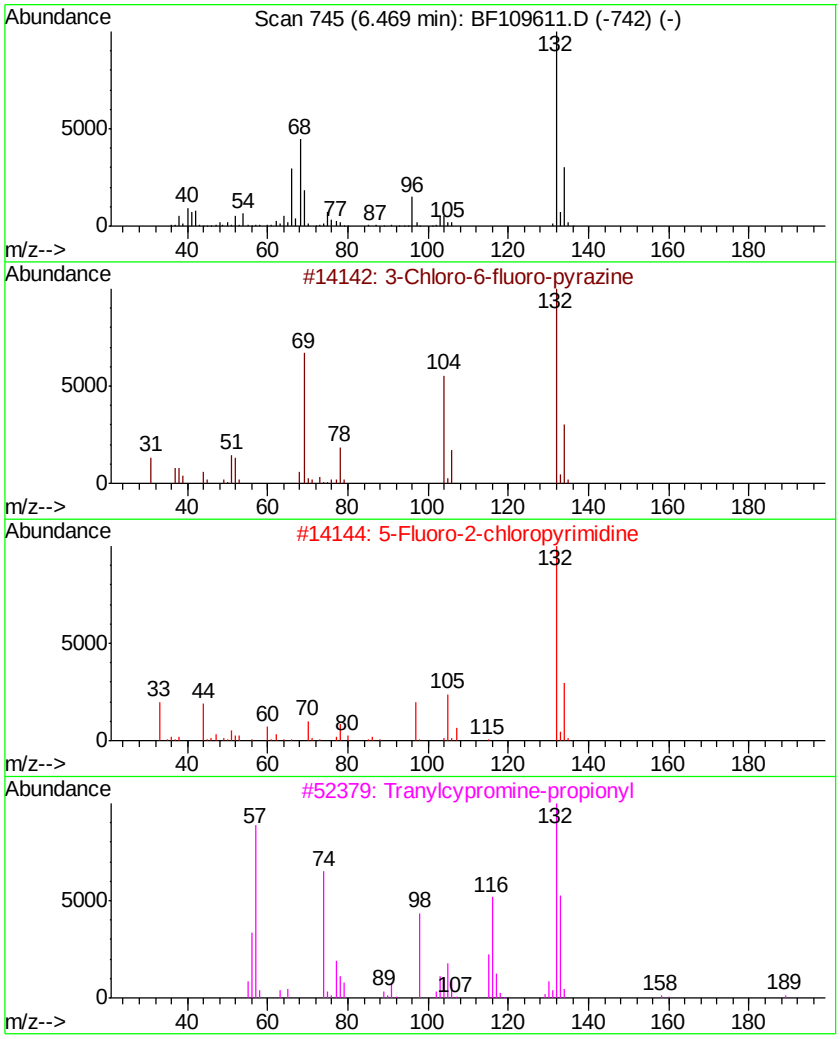
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

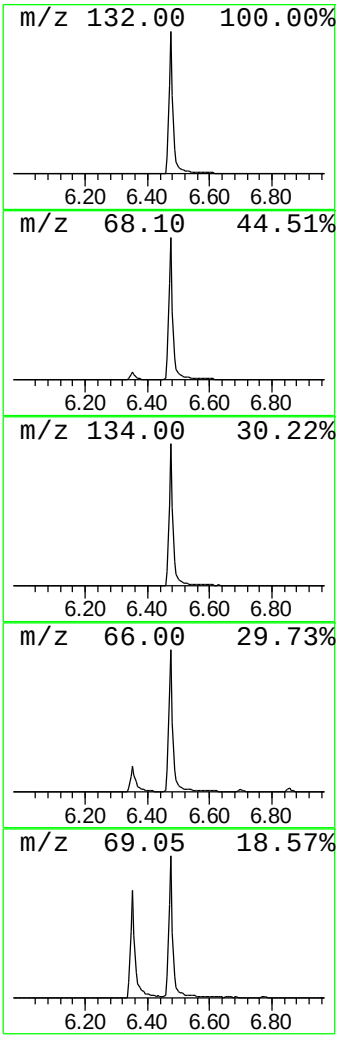
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	52.10 ng	1241600	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	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\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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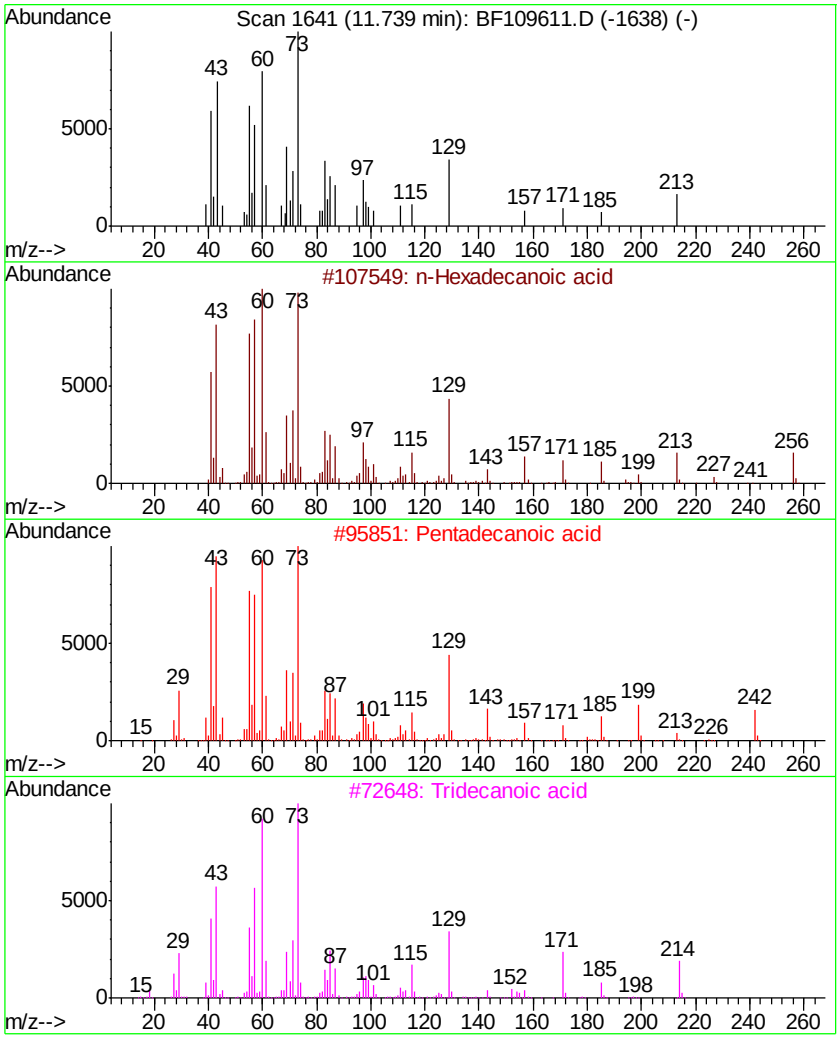
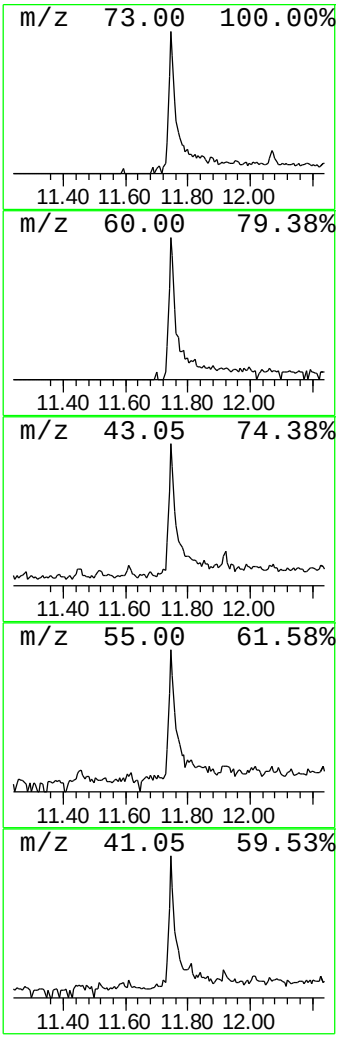
Peak Number 3 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.32 ng	135222	Phenanthrene-d10	11.21

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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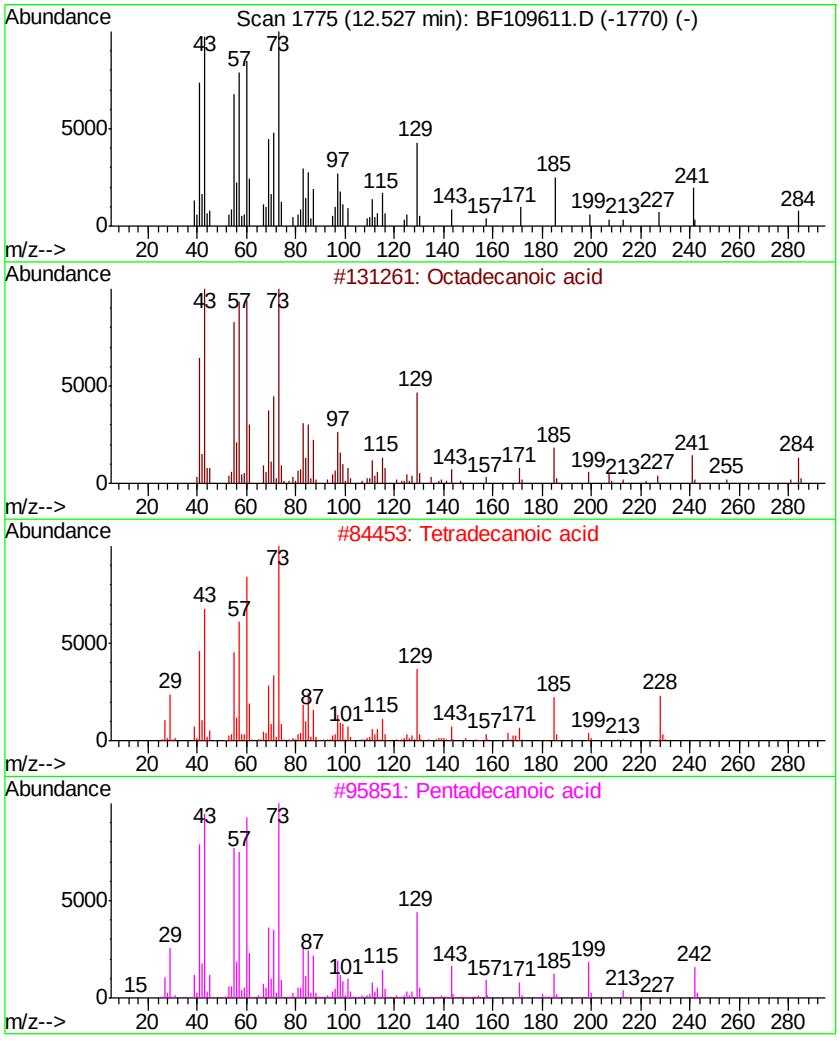
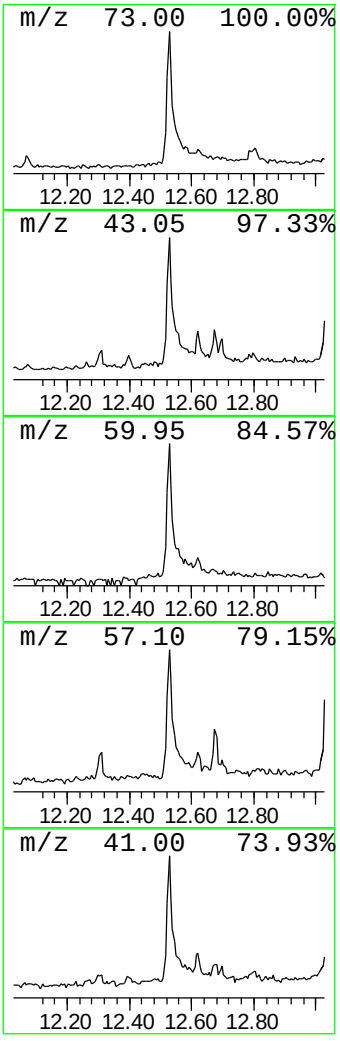
Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.74 ng	175824	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

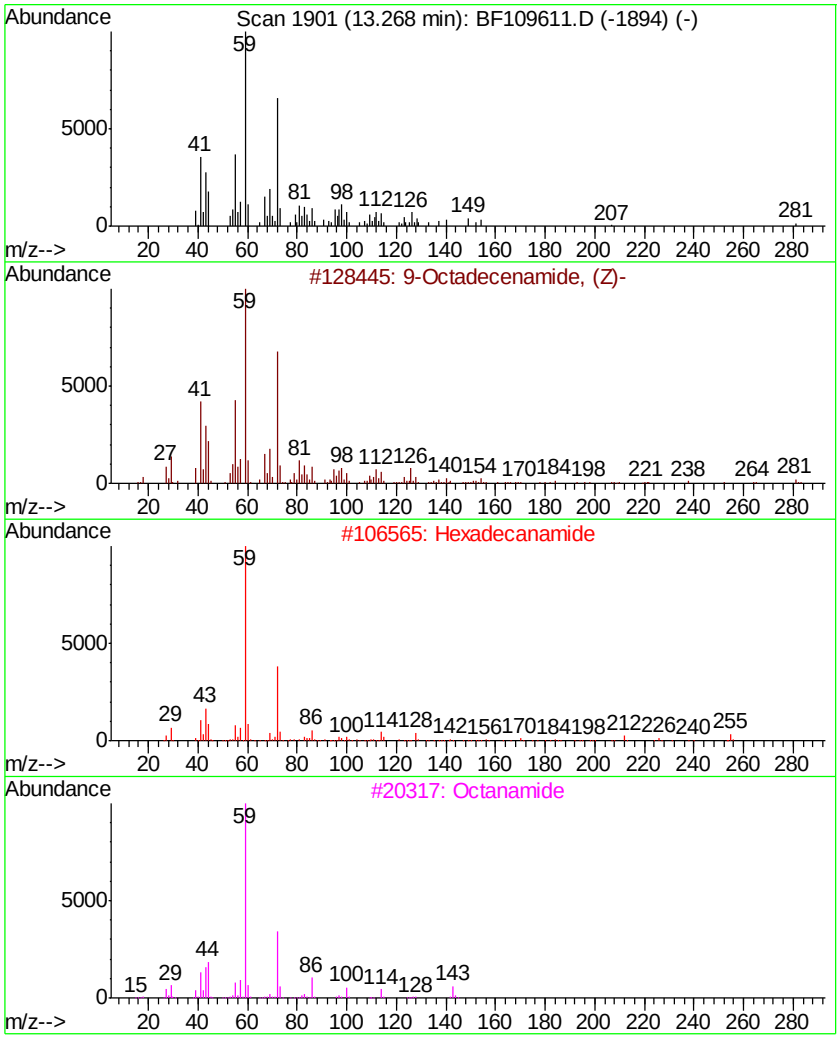
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

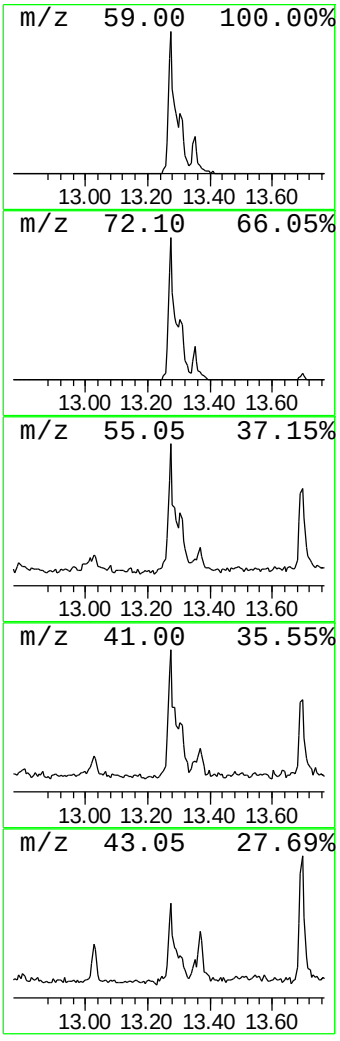
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	5.73 ng	212347	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Octanamide	143	C8H17NO	000629-01-6	53
4	Tetradecanamide	227	C14H29NO	000638-58-4	50
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

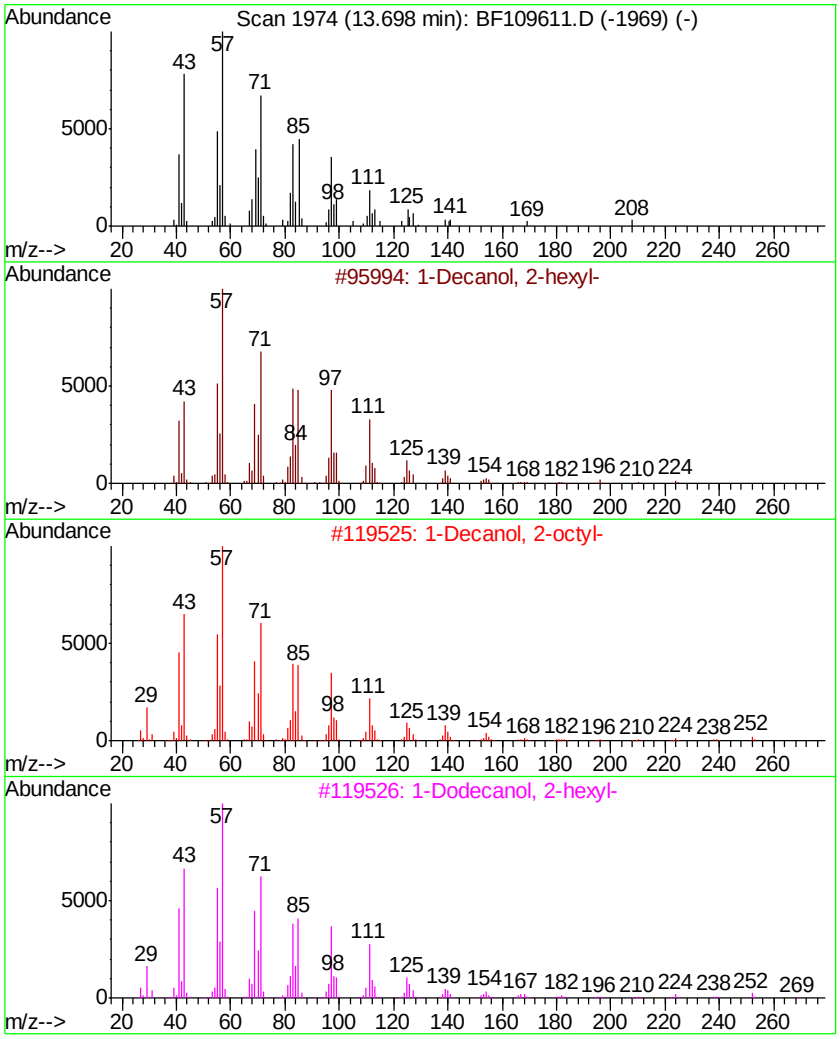
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

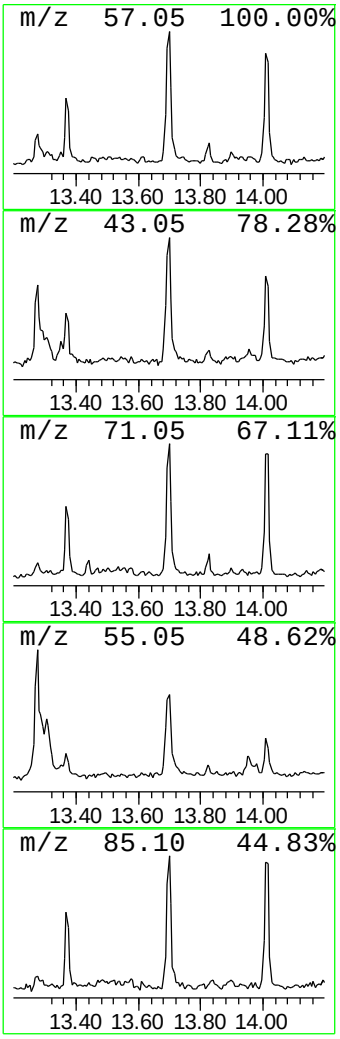
****

Peak Number 6 1-Decanol, 2-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.59 ng	133030	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	60
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

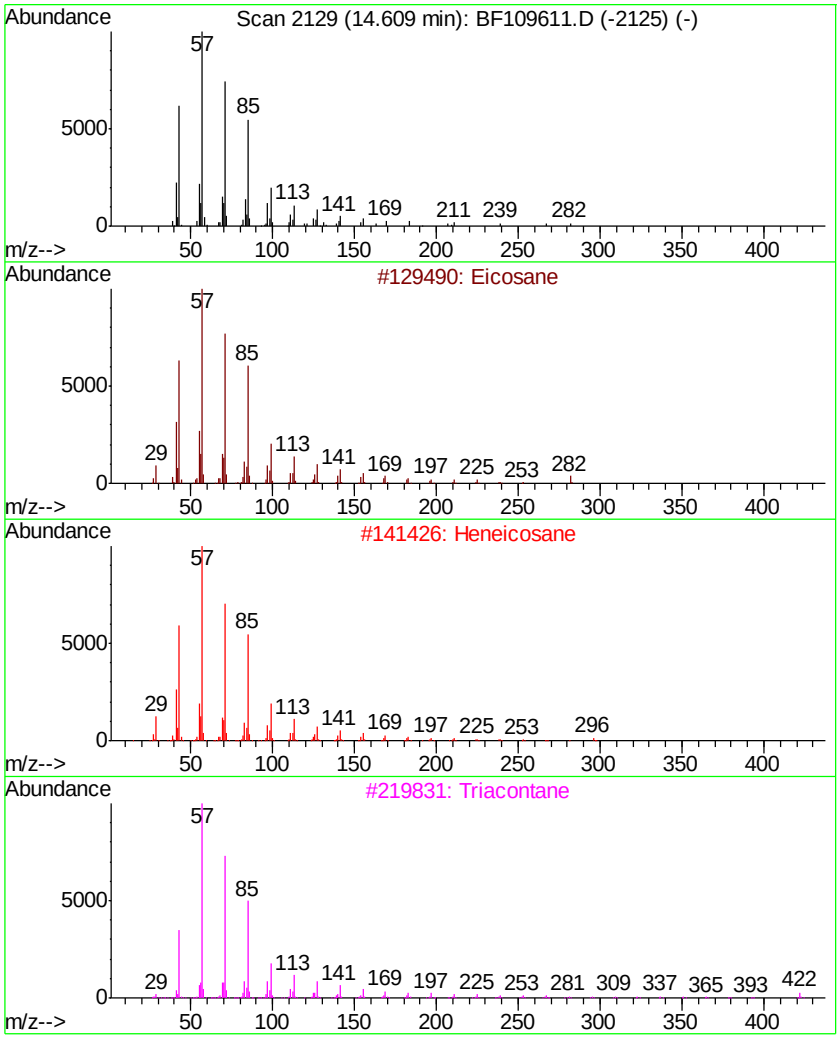
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

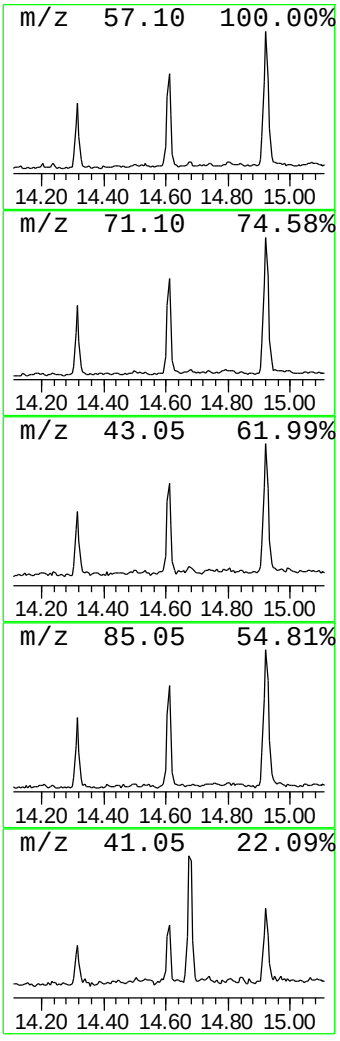
****

Peak Number 7 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	3.56 ng	109010	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
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	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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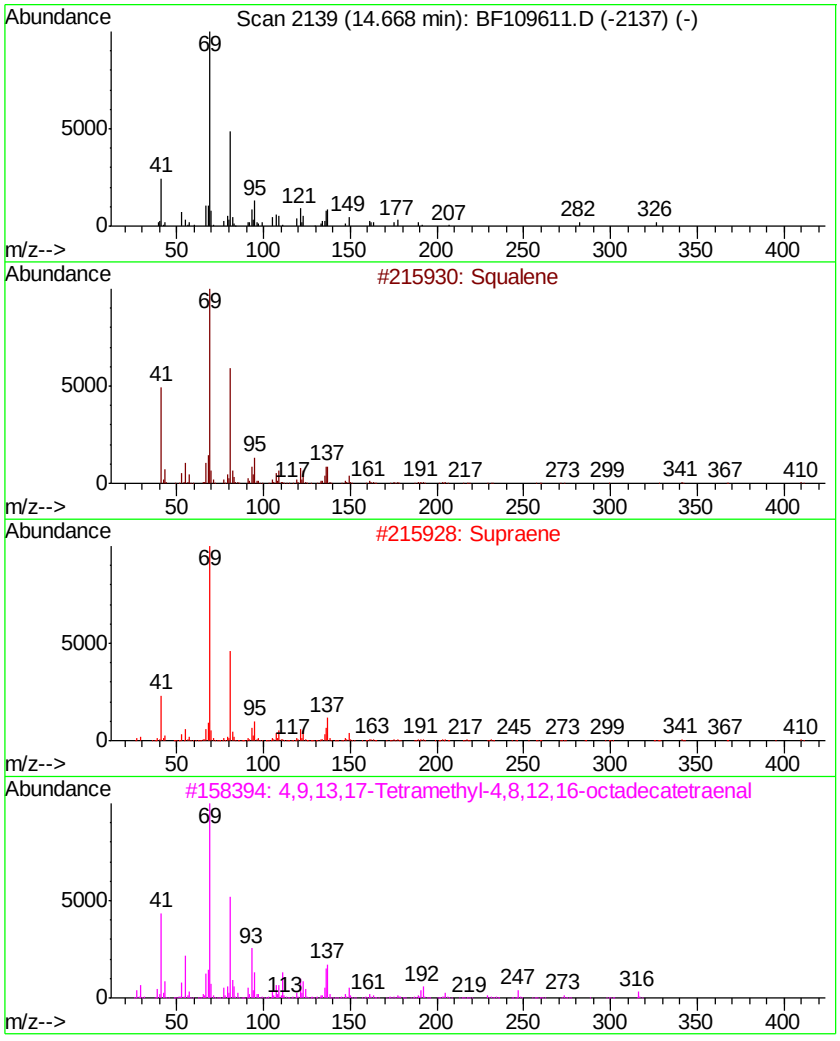
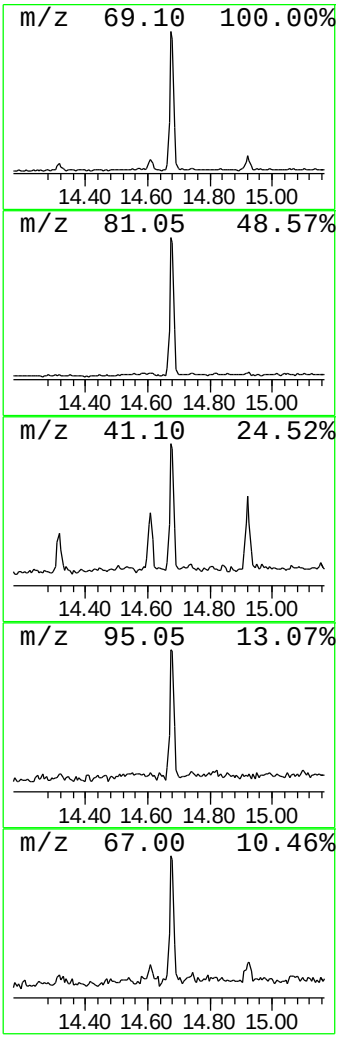
Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.69 ng	174186	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	87
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

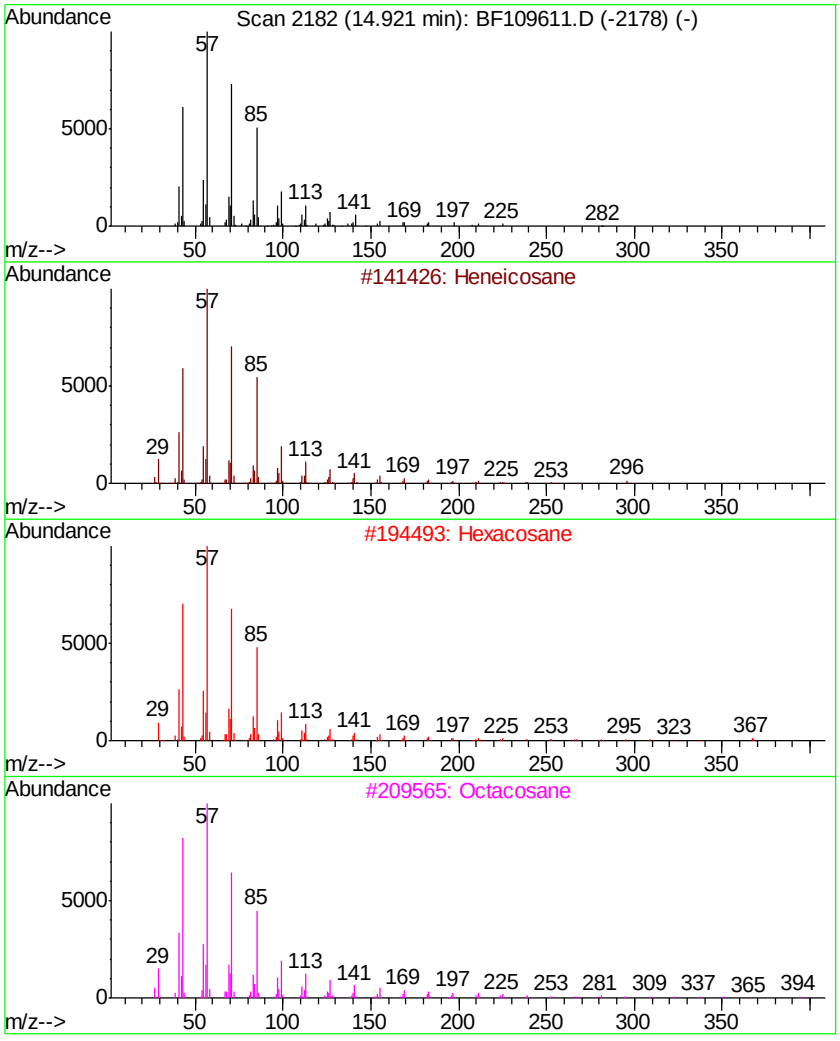
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

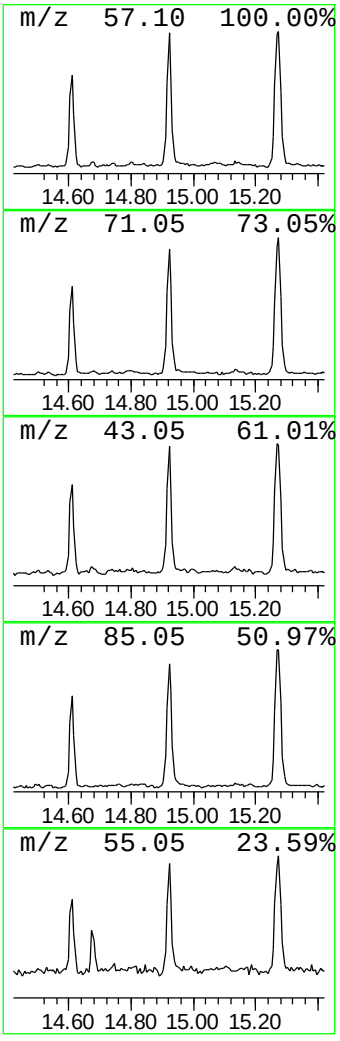
****

Peak Number 9 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.91 ng	180960	Perylene-d12	15.24

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	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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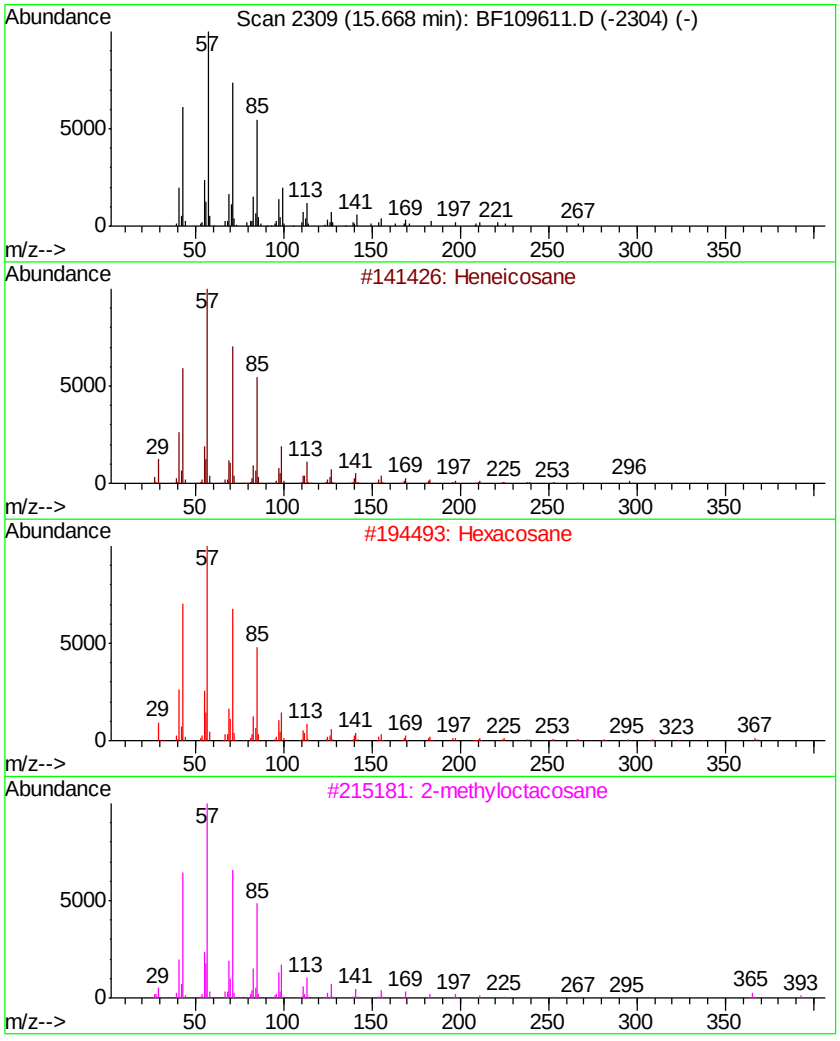
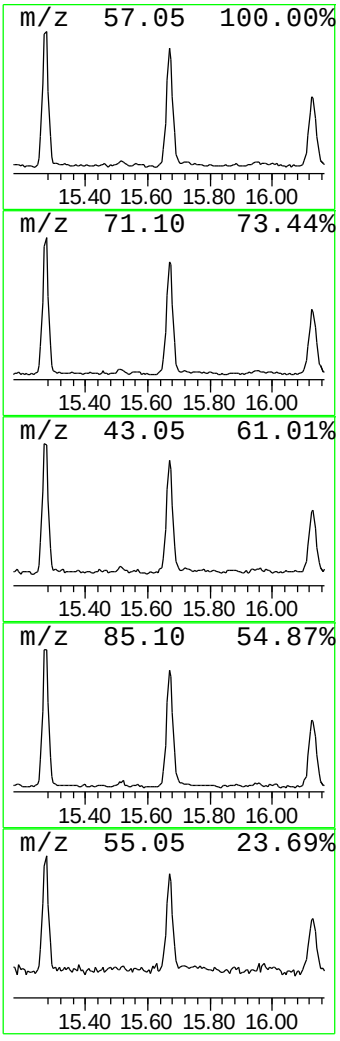
Peak Number 10 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	7.14 ng	218483	Perylene-d12	15.24

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	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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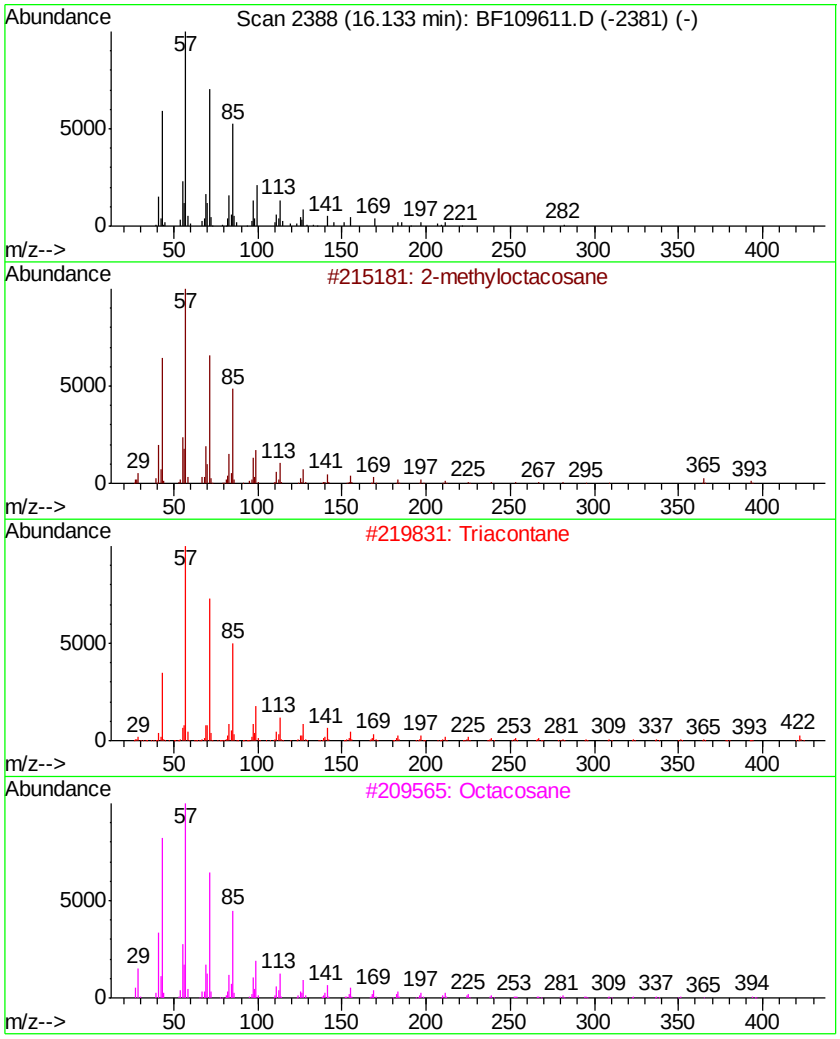
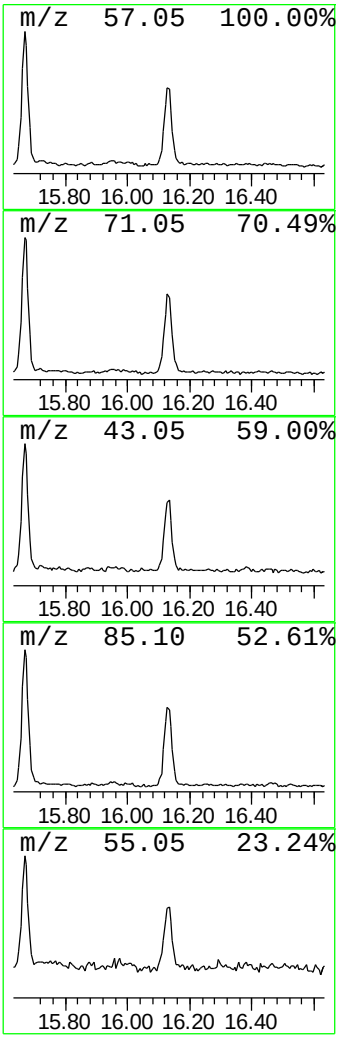
Peak Number 11 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	4.91 ng	150433	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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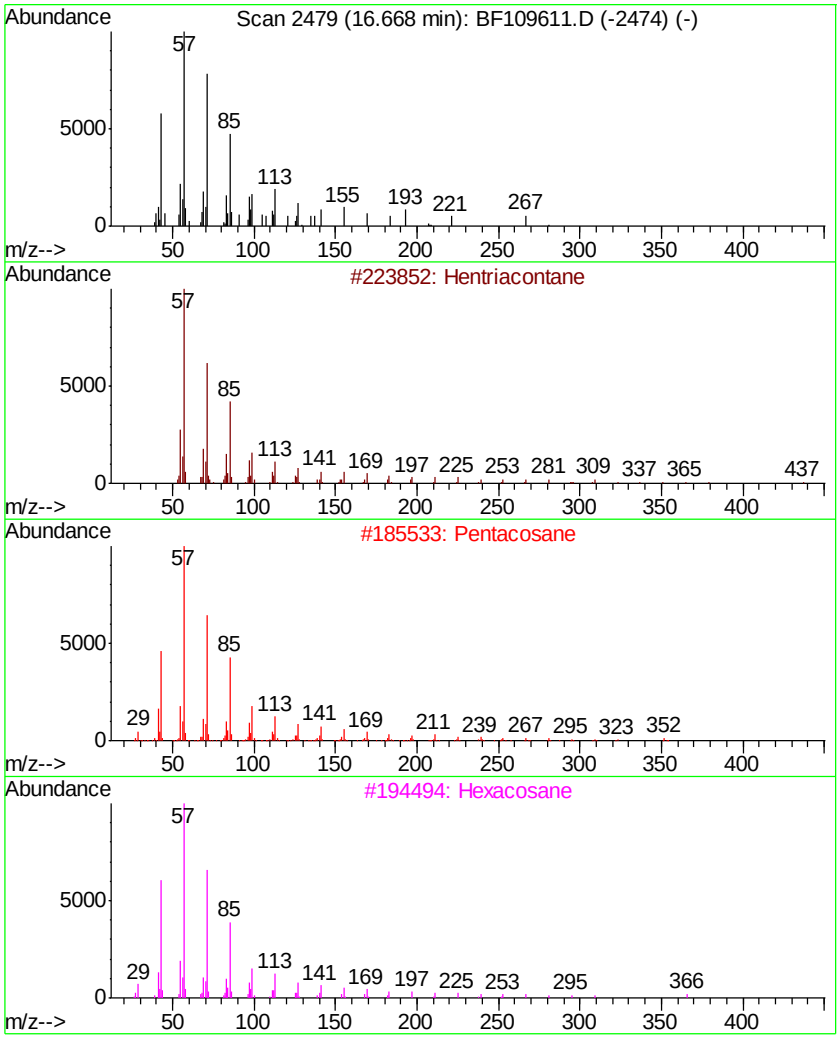
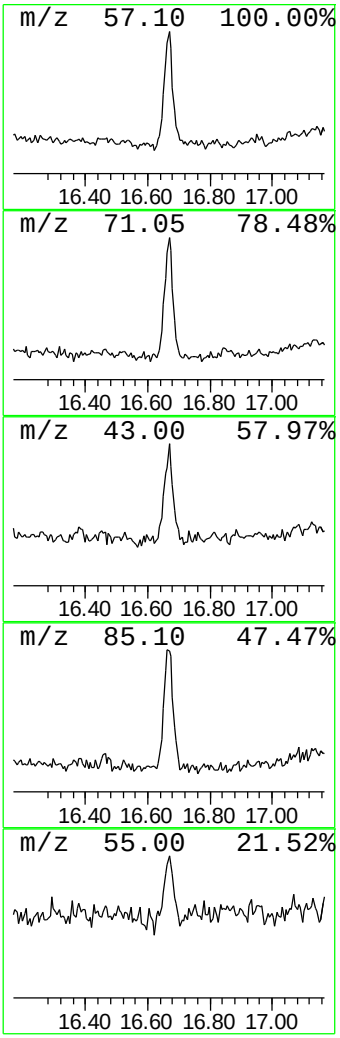
Peak Number 12 Hentriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	2.05 ng	62841	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109611.D
Acq On : 5 Oct 2018 14:42
Operator : JU/SJ
Sample : J5223-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	52.1	ng	1241600	1	6.70	476665	20.0
n-Hexadecanoic acid	11.74	3.3	ng	135222	4	11.21	813552	20.0
Octadecanoic acid	12.53	4.7	ng	175824	5	13.84	741579	20.0
9-Octadecenamide,...	13.27	5.7	ng	212347	5	13.84	741579	20.0
1-Decanol, 2-hexyl-	13.70	3.6	ng	133030	5	13.84	741579	20.0
Eicosane	14.61	3.6	ng	109010	6	15.24	612148	20.0
Squalene	14.67	5.7	ng	174186	6	15.24	612148	20.0
Hexacosane	14.92	5.9	ng	180960	6	15.24	612148	20.0
Heneicosane	15.67	7.1	ng	218483	6	15.24	612148	20.0
2-methyloctacosane	16.13	4.9	ng	150433	6	15.24	612148	20.0
Hentriacontane	16.67	2.0	ng	62841	6	15.24	612148	20.0