LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109185.D
Acq On : 20 Sep 2018 16:52
Operator : JU/SJ
Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

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-BF091418.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	4.901	433	436	442	rBV	28156	29463	1.41%	0.169%
2	5.325	504	508	511	rBV	837012	744382	35.74%	4.270%
3	6.348	678	682	690	rBV	1103469	915534	43.96%	5.252%
4	6.484	701	705	709	rBV	1174346	932900	44.80%	5.351%
5	6.719	741	745	748	rBV	861038	691389	33.20%	3.966%
6	6.872	768	771	775	rBV	810068	707572	33.98%	4.059%
7	7.272	835	839	843	rBV	627438	575962	27.66%	3.304%
8	8.001	959	963	966	rBV	1190816	955723	45.89%	5.482%
9	9.072	1142	1145	1149	rBV	1158008	1031187	49.52%	5.915%
10	9.172	1158	1162	1165	rBV	31017	30843	1.48%	0.177%
11	9.466	1209	1212	1218	rBV	313521	269681	12.95%	1.547%
12	9.695	1249	1251	1256	rVB	37926	29457	1.41%	0.169%
13	9.748	1256	1260	1264	rBV2	1146800	984617	47.28%	5.648%
14	10.195	1333	1336	1339	rVB	39883	28078	1.35%	0.161%
15	10.530	1389	1393	1403	rBV	629994	530957	25.50%	3.046%
16	10.666	1413	1416	1423	rBV	45347	49100	2.36%	0.282%
17	11.113	1489	1492	1495	rBV2	36432	30432	1.46%	0.175%
18	11.225	1507	1511	1514	rBV	865114	761932	36.59%	4.371%
19	11.248	1514	1515	1518	rVV	49617	25740	1.24%	0.148%
20	11.301	1521	1524	1527	rVB	21965	21787	1.05%	0.125%
21	11.536	1560	1564	1566	rBV	28156	24554	1.18%	0.141%
22	11.636	1577	1581	1584	rBV	600657	524262	25.17%	3.007%
23	11.766	1598	1603	1606	rBV2	46831	54294	2.61%	0.311%
24	11.836	1611	1615	1617	rBV	23459	21727	1.04%	0.125%
25	11.942	1631	1633	1638	rVB2	29347	27059	1.30%	0.155%
26	12.319	1693	1697	1699	rBV	2146369	2082515	100.00%	11.946%
27	12.336	1699	1700	1707	rVV	1422482	1153100	55.37%	6.615%
28	12.424	1711	1715	1721	rBV2	304314	337144	16.19%	1.934%
29	12.654	1749	1754	1758	rBV	156385	156910	7.53%	0.900%
30	12.807	1776	1780	1783	rBV	735858	613528	29.46%	3.519%
31	12.983	1804	1810	1816	rBV3	50653	89594	4.30%	0.514%
32	13.054	1819	1822	1826	rVV2	52603	56431	2.71%	0.324%
33	13.142	1834	1837	1840	rVB	24725	22664	1.09%	0.130%
34	13.283	1858	1861	1867	rVB4	18037	28119	1.35%	0.161%

LSC Area Percent Report

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Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.395	1877	1880	1882	rBV	29226	22327	1.07%	0.128%
36	13.718	1933	1935	1942	rBV2	62696	64525	3.10%	0.370%
37	13.848	1952	1957	1960	rBV	743468	756903	36.35%	4.342%
38	13.871	1960	1961	1964	rVB	79119	56858	2.73%	0.326%
39	14.036	1986	1989	1992	rBV	58191	52878	2.54%	0.303%
40	14.336	2036	2040	2045	rBV2	61676	87573	4.21%	0.502%
41	14.636	2088	2091	2096	rVB	77764	79603	3.82%	0.457%
42	14.860	2125	2129	2131	rBV	79665	116075	5.57%	0.666%
43	14.954	2141	2145	2149	rVB2	99319	109324	5.25%	0.627%
44	15.136	2173	2176	2181	rVB	46870	52697	2.53%	0.302%
45	15.195	2183	2186	2190	rVV	67646	83693	4.02%	0.480%
46	15.254	2191	2196	2200	rVV	630330	780332	37.47%	4.476%
47	15.307	2202	2205	2209	rVB	101399	125567	6.03%	0.720%
48	15.401	2218	2221	2226	rBV7	22707	35842	1.72%	0.206%
49	15.712	2269	2274	2278	rBV	88297	130301	6.26%	0.747%
50	15.918	2307	2309	2317	rVB7	36159	57403	2.76%	0.329%
51	16.177	2348	2353	2365	rVB5	61556	139446	6.70%	0.800%
52	16.318	2375	2377	2386	rVB8	37099	77671	3.73%	0.446%
53	16.601	2421	2425	2432	rVB3	35761	65014	3.12%	0.373%

Sum of corrected areas: 17432669

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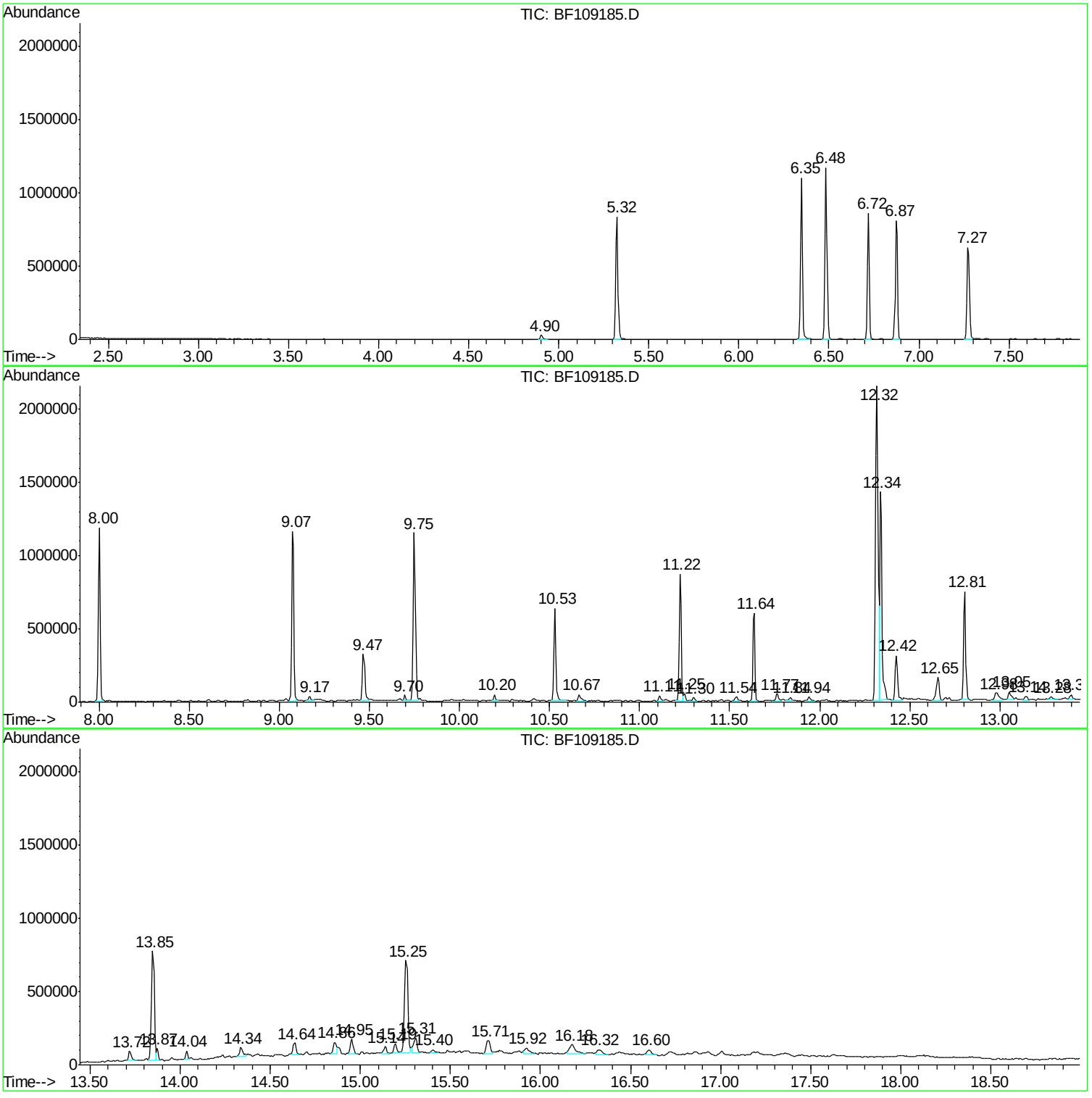
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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\BF092018\
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Acq On : 20 Sep 2018 16:52
Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

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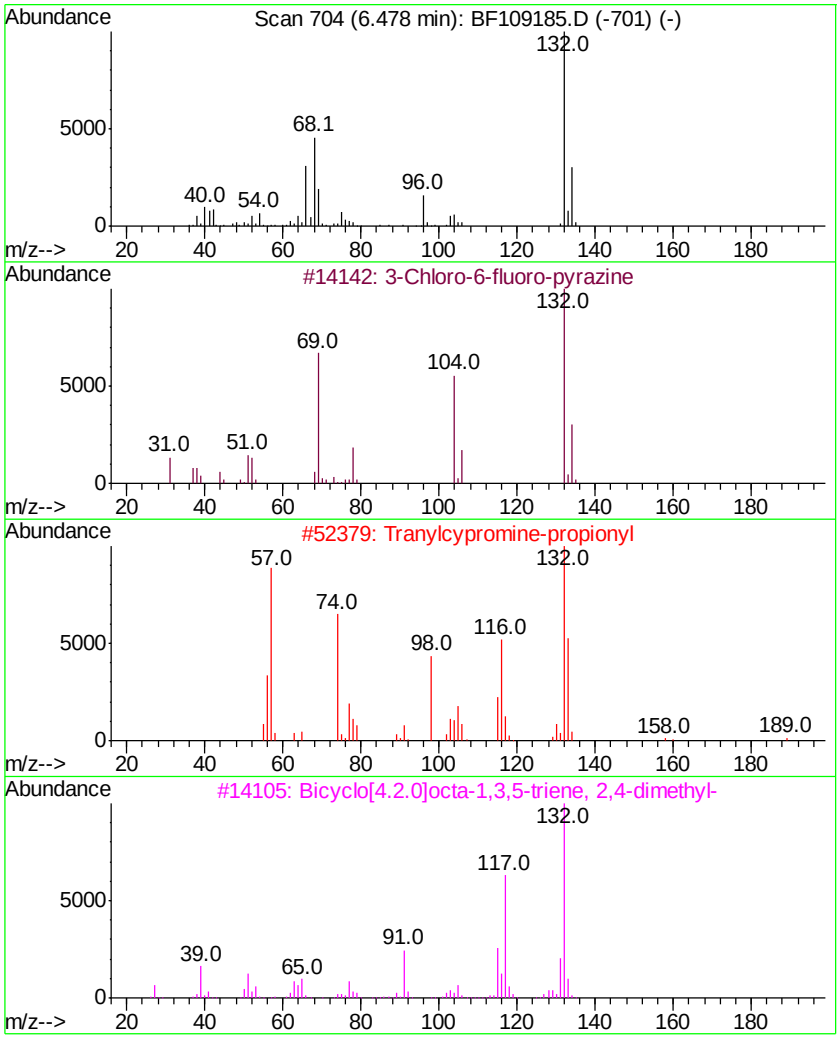
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

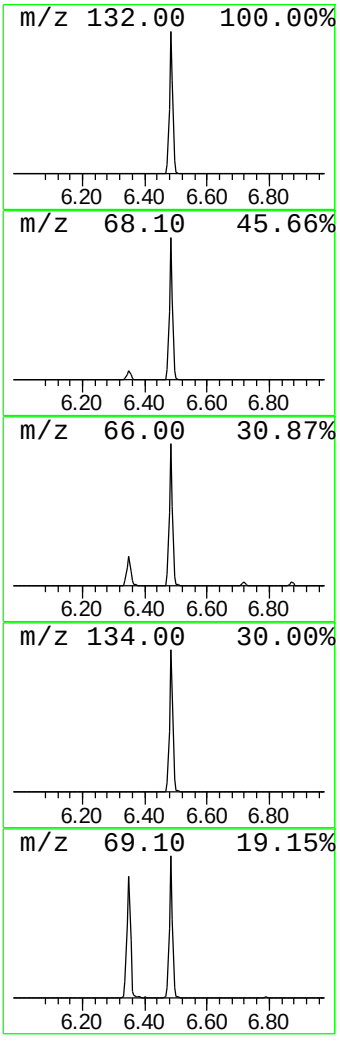
****

Peak Number 1 unknown6.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	26.99 ng	932900	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Operator : JU/SJ
Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

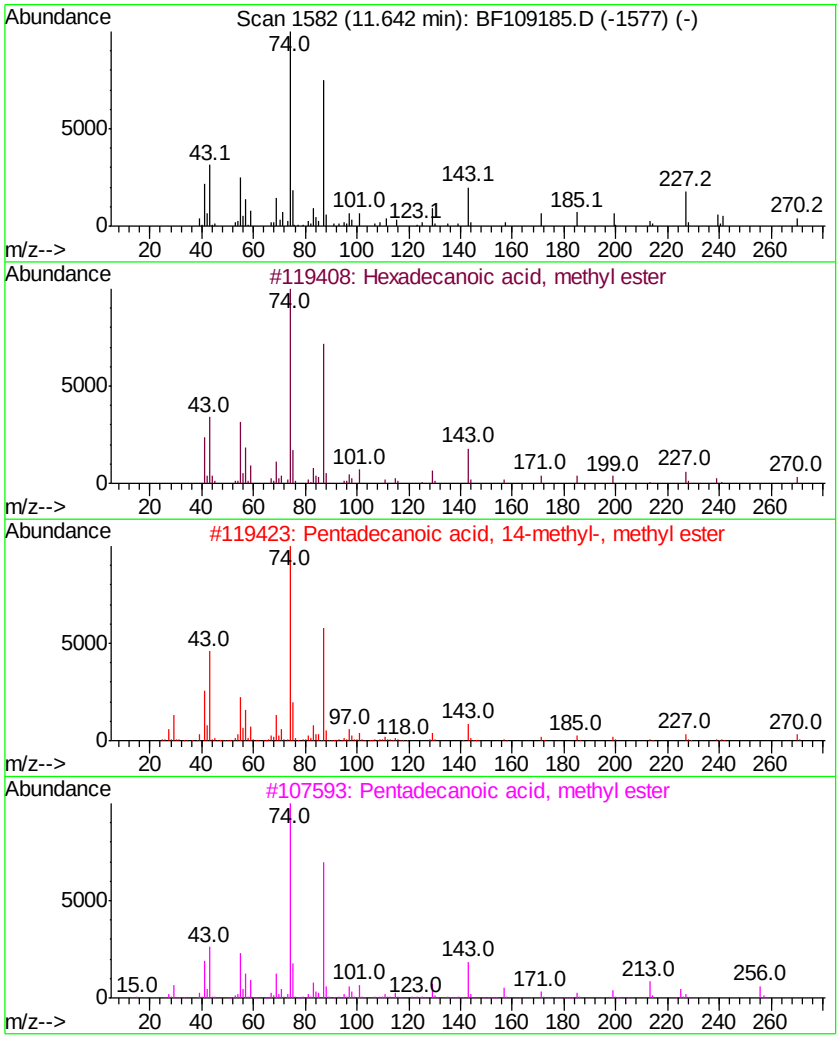
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

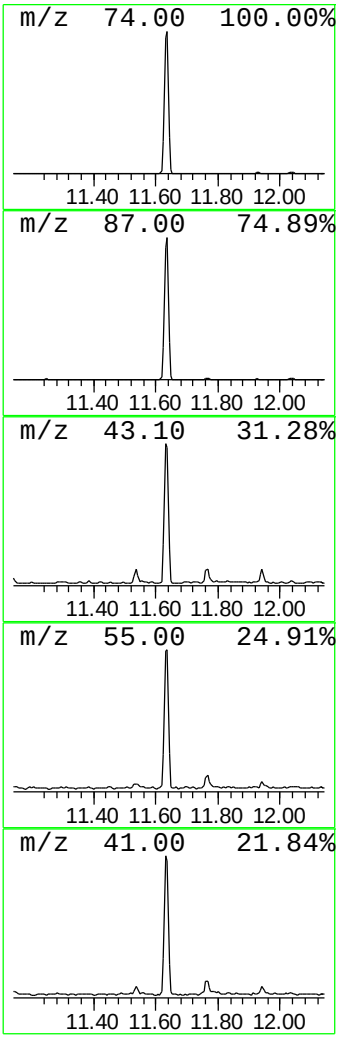
****

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	13.76 ng	524262	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
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Misc :
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Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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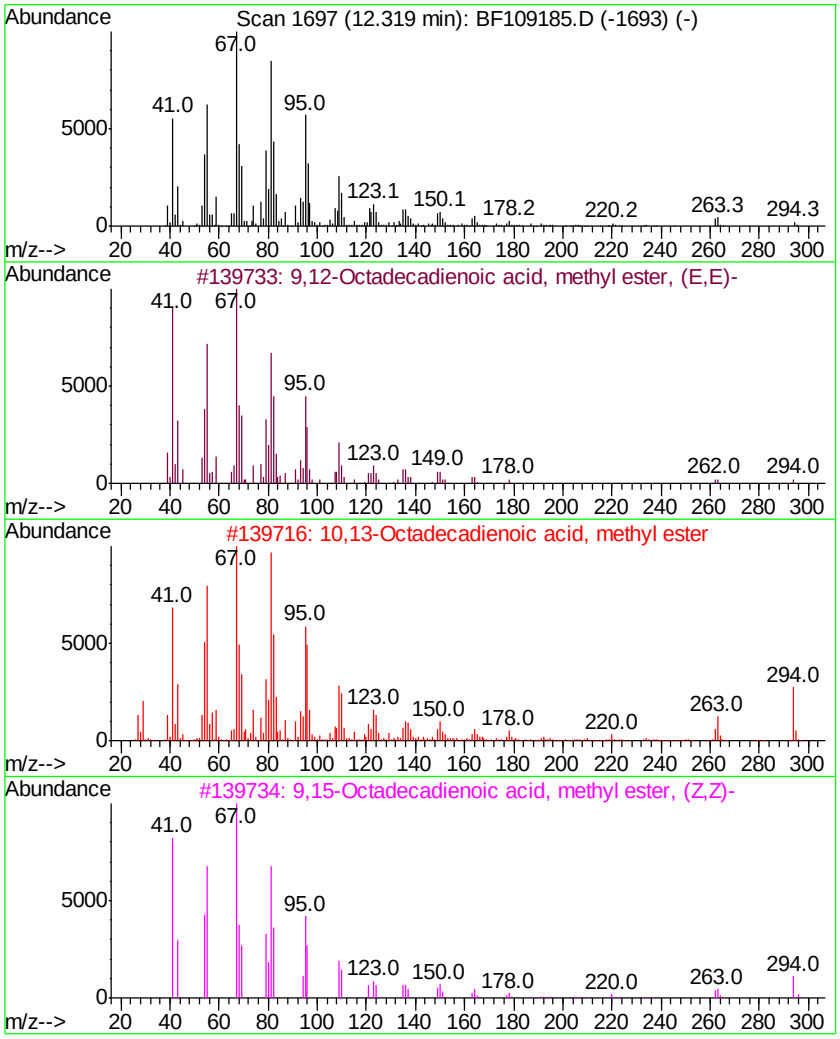
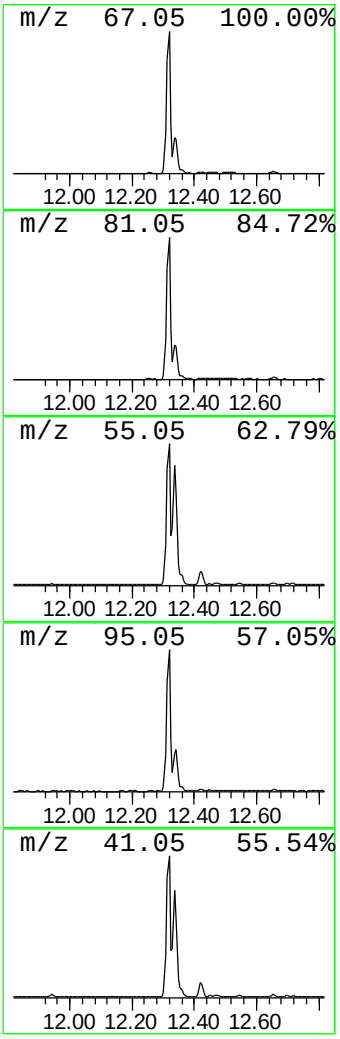
****

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	54.66 ng	2082520	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

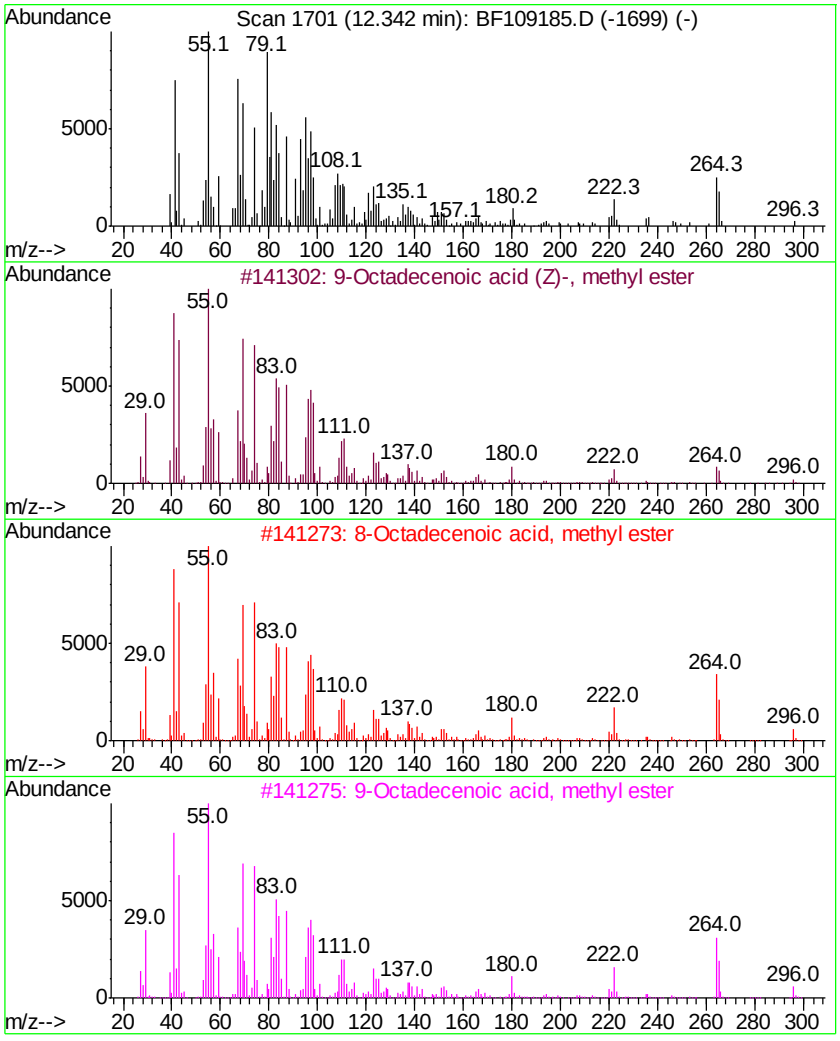
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

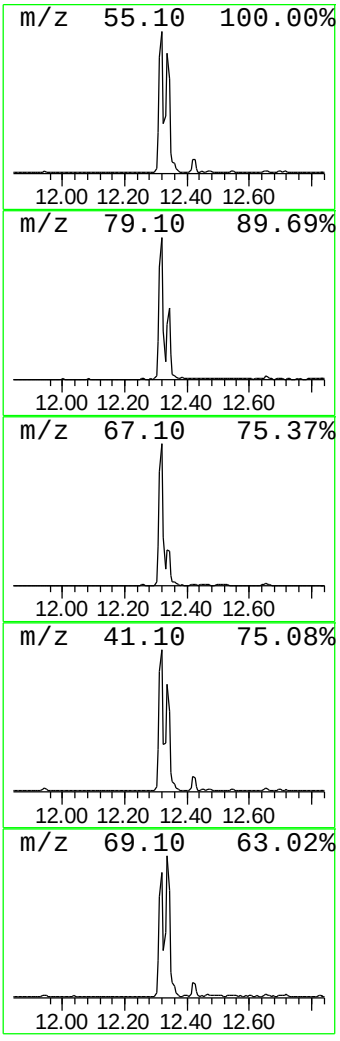
****

Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	30.27 ng	1153100	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99





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Misc :
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Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
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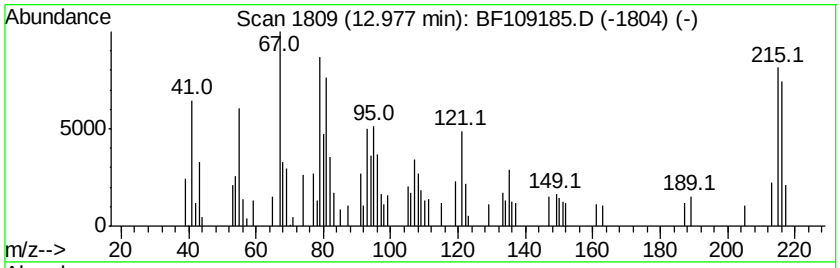
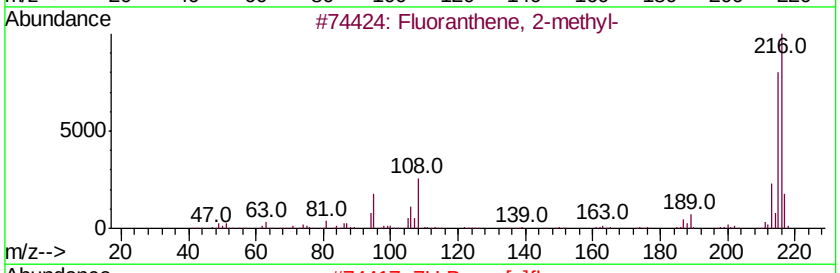
****

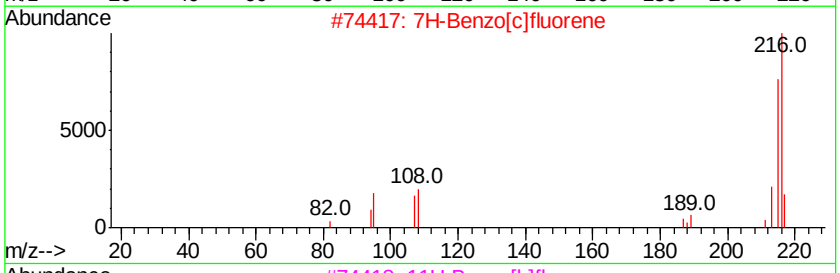
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 10

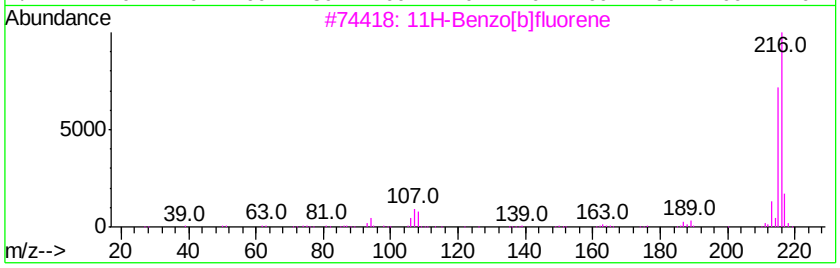
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	2.37 ng	89594	Chrysene-d12	13.85

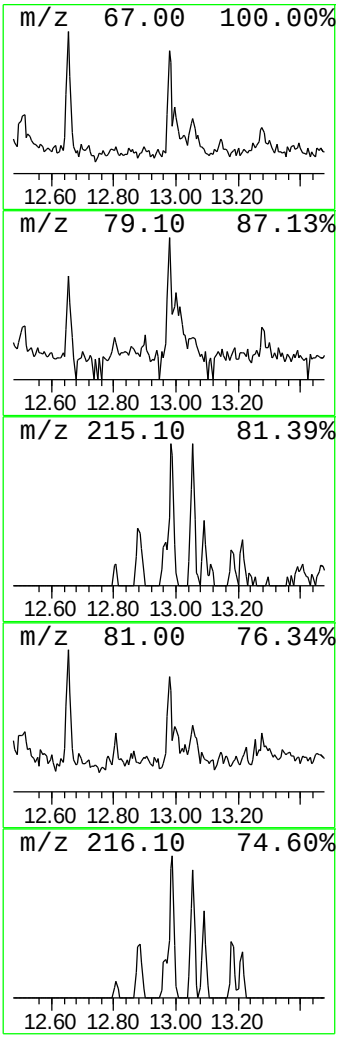
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55











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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

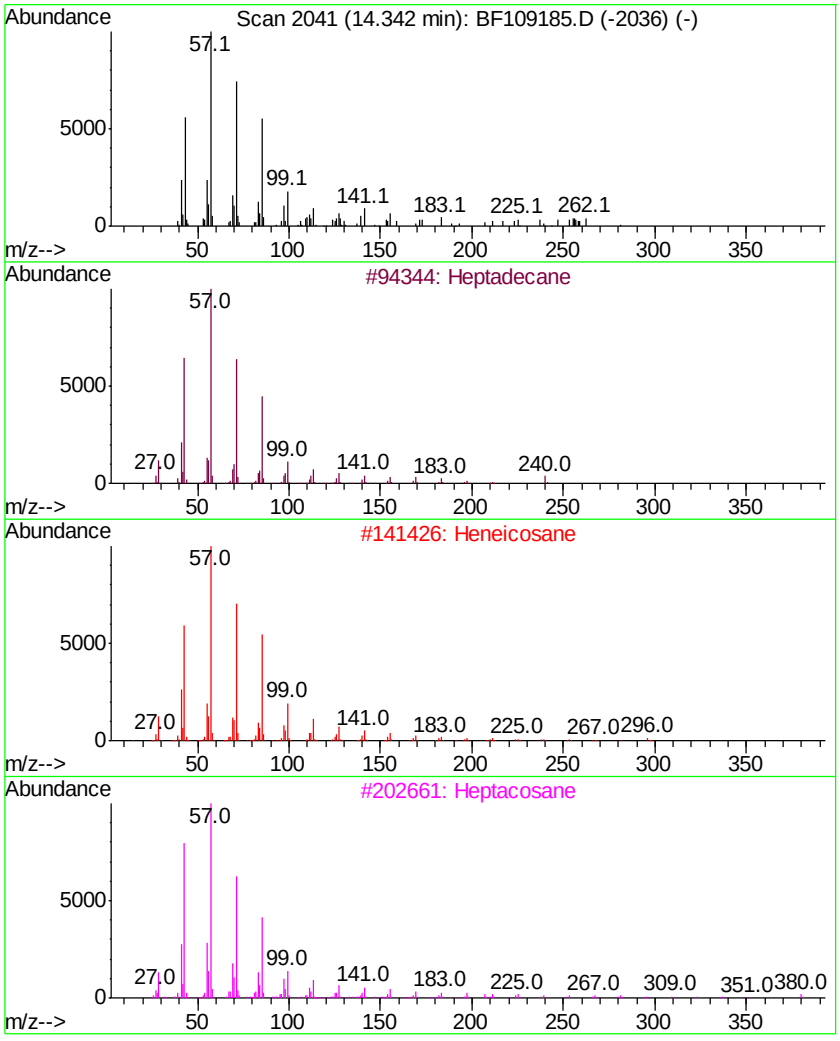
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

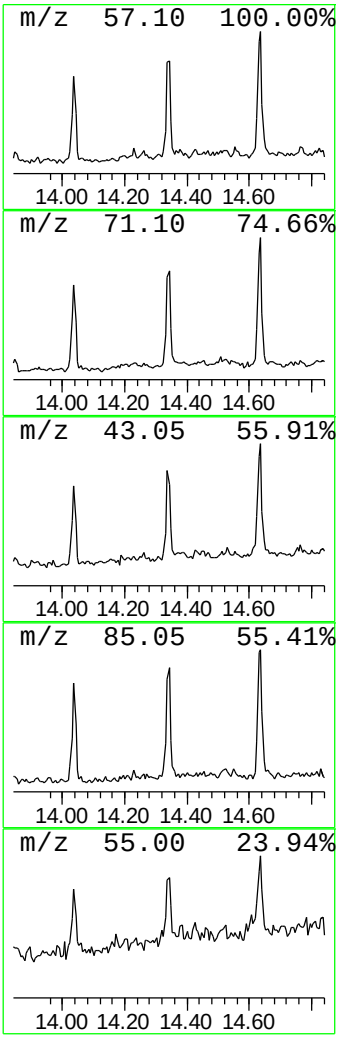
****

Peak Number 7 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.31 ng	87573	Chrysene-d12	13.85

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	Heptacosane	380	C27H56	000593-49-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Hentriacontane	437	C31H64	000630-04-6	83





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Data File : BF109185.D
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Operator : JU/SJ
Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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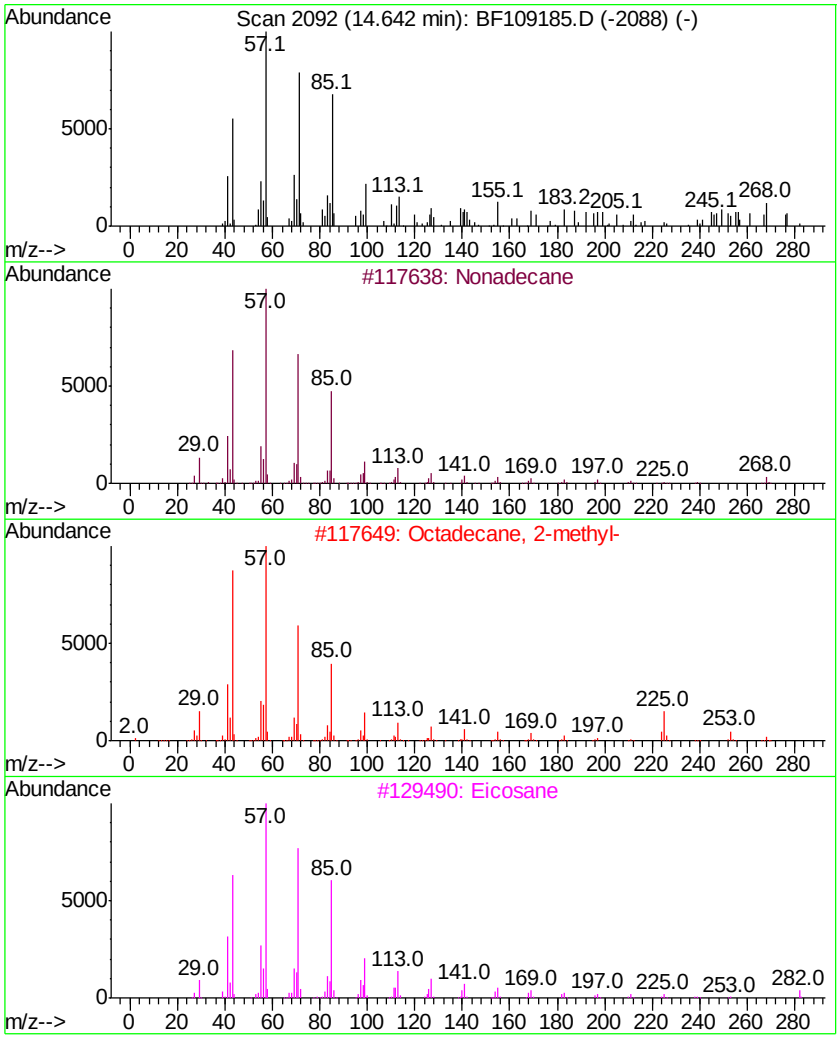
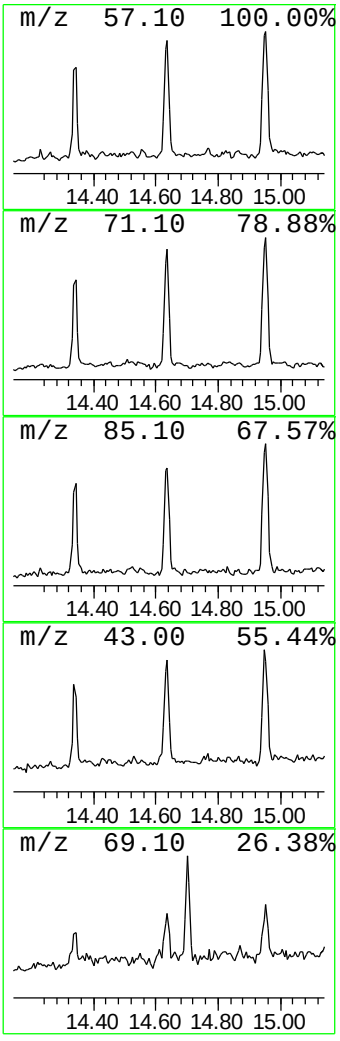
Peak Number 8 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.04 ng	79603	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109185.D
Acq On : 20 Sep 2018 16:52
Operator : JU/SJ
Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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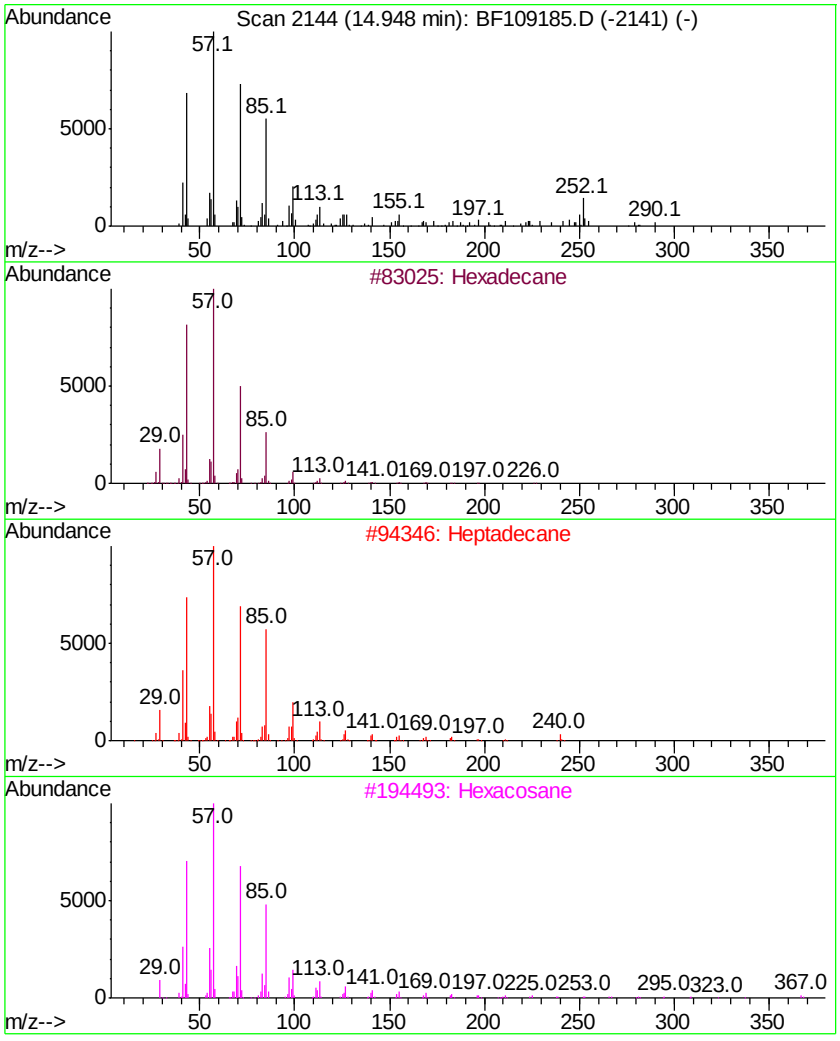
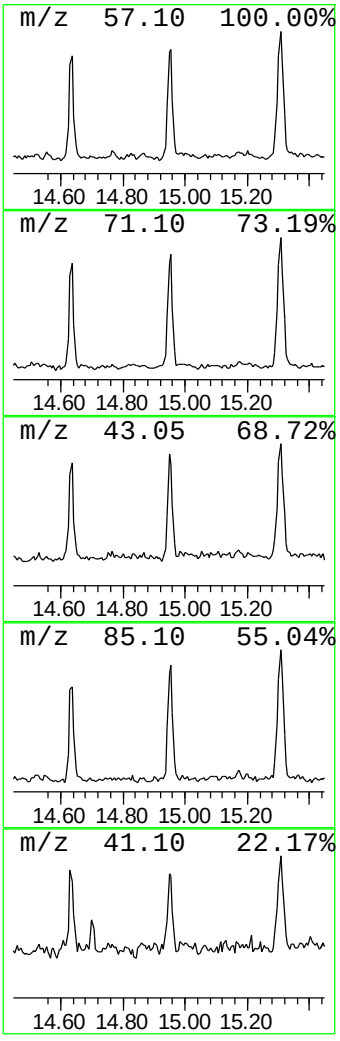
Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.80 ng	109324	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	70
3	Hexacosane	366	C26H54	000630-01-3	70
4	Pentadecane	212	C15H32	000629-62-9	64
5	Docosane	310	C22H46	000629-97-0	62





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Data File : BF109185.D
Acq On : 20 Sep 2018 16:52
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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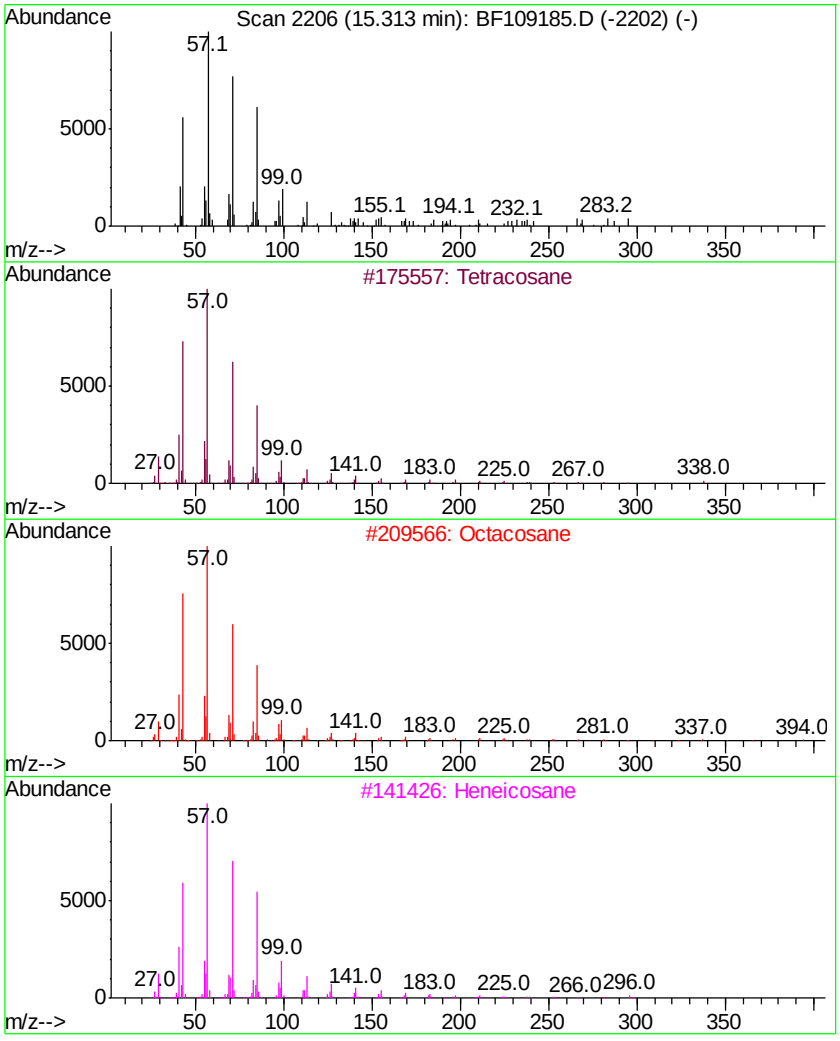
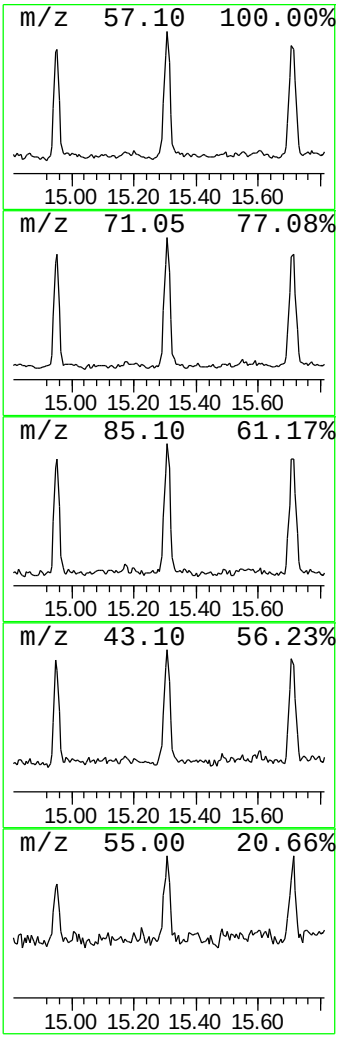
Peak Number 10 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	3.22 ng	125567	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





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Data File : BF109185.D
Acq On : 20 Sep 2018 16:52
Operator : JU/SJ
Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
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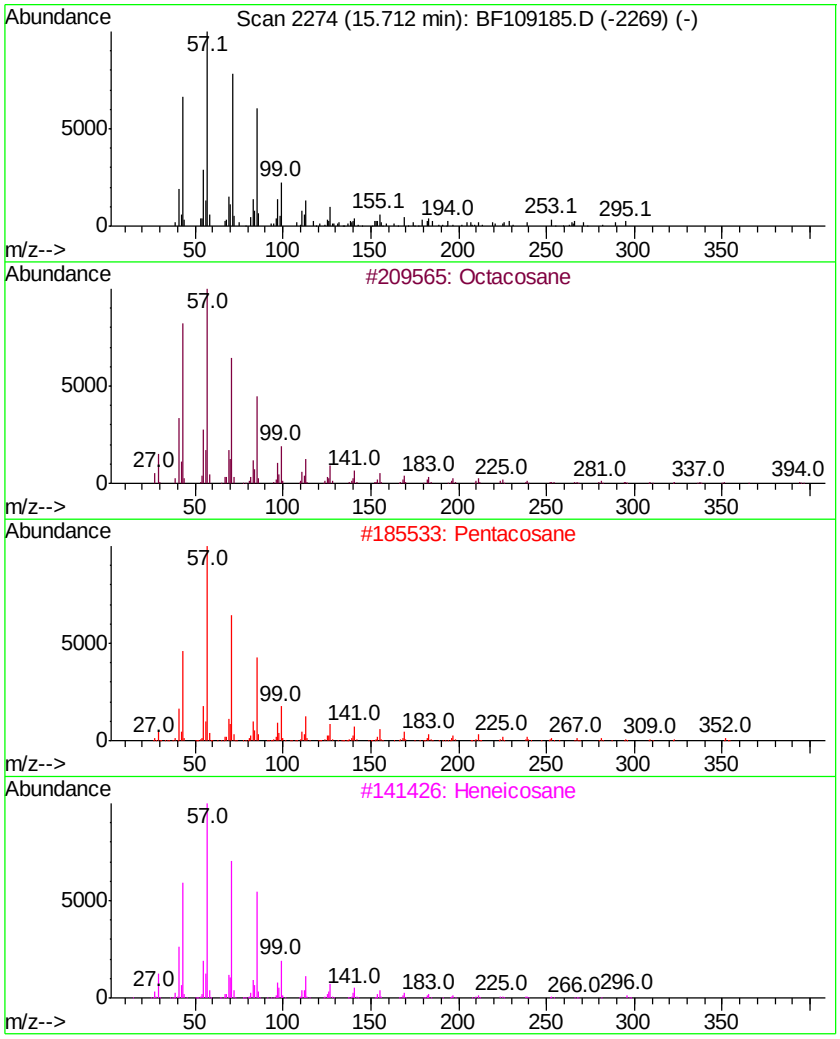
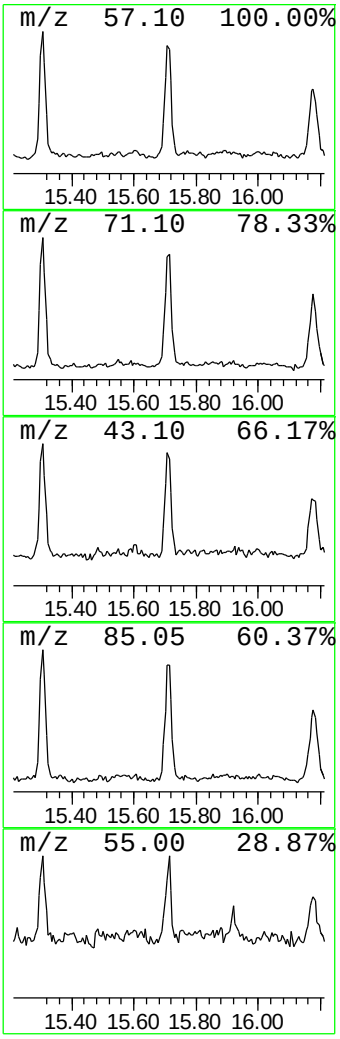
Peak Number 11 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	3.34 ng	130301	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

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Data File : BF109185.D
Acq On : 20 Sep 2018 16:52
Operator : JU/SJ
Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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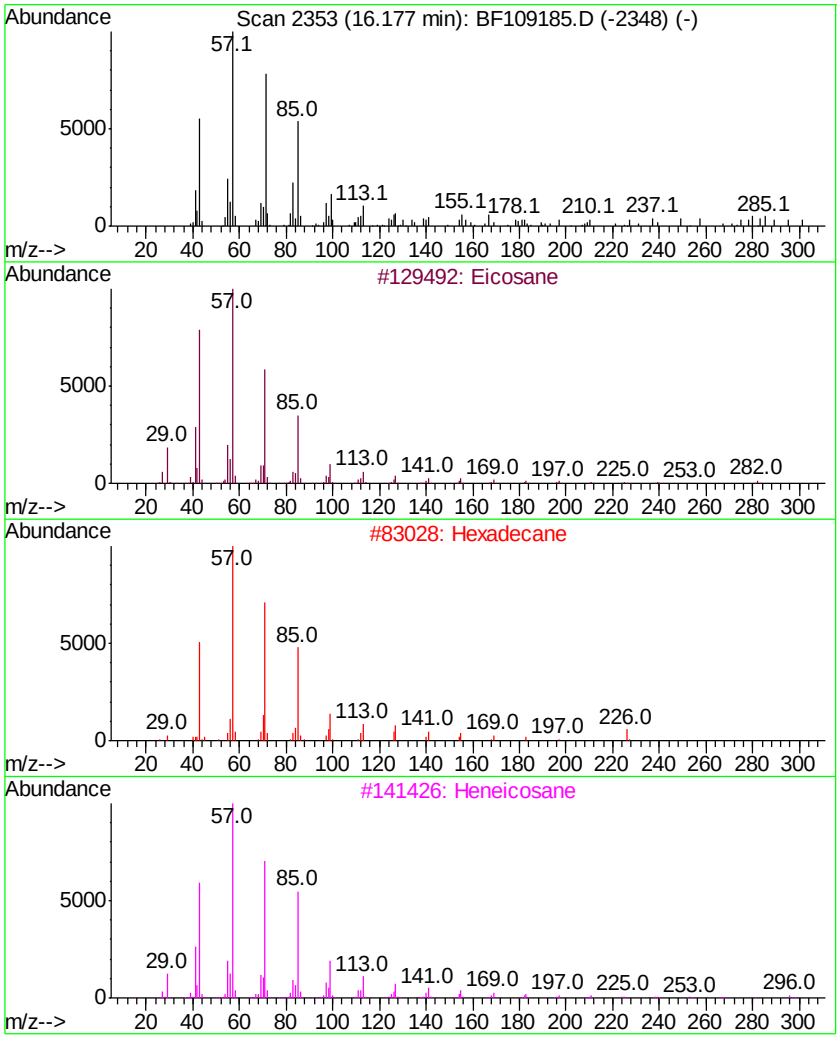
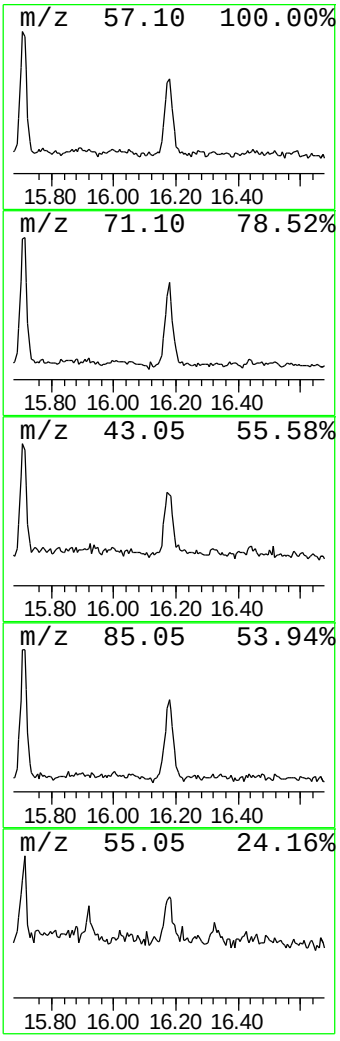
Peak Number 12 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.57 ng	139446	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Triacontane	422	C30H62	000638-68-6	80
5	Nonadecane	268	C19H40	000629-92-5	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092018\
Data File : BF109185.D
Acq On : 20 Sep 2018 16:52
Operator : JU/SJ
Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-01-091918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
unknown6.48	6.48	27.0	ng	932900	1	6.72	691389	20.0
Hexadecanoic acid...	11.64	13.8	ng	524262	4	11.22	761932	20.0
9,12-Octadecadien...	12.32	54.7	ng	2082520	4	11.22	761932	20.0
9-Octadecenoic ac...	12.34	30.3	ng	1153100	4	11.22	761932	20.0
Fluoranthene, 2-m...	12.98	2.4	ng	89594	5	13.85	756903	20.0
Heptadecane	14.34	2.3	ng	87573	5	13.85	756903	20.0
Nonadecane	14.64	2.0	ng	79603	6	15.25	780332	20.0
Hexadecane	14.95	2.8	ng	109324	6	15.25	780332	20.0
Tetracosane	15.31	3.2	ng	125567	6	15.25	780332	20.0
Octacosane	15.71	3.3	ng	130301	6	15.25	780332	20.0
Eicosane	16.18	3.6	ng	139446	6	15.25	780332	20.0