LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

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-BF083019.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	2.375	42	49	60	rVB	56823	89459	3.83%	0.414%
2	5.433	565	569	580	rBV	1513023	1578723	67.56%	7.311%
3	6.457	738	743	757	rBV	1773250	1754726	75.10%	8.126%
4	6.592	762	766	769	rBV	2030351	1756239	75.16%	8.133%
5	6.822	801	805	813	rBV	552286	453601	19.41%	2.101%
6	6.980	828	832	835	rBV	1545415	1327384	56.81%	6.147%
7	7.380	896	900	903	rBV	1207857	1042660	44.62%	4.829%
8	8.104	1019	1023	1031	rBV	623714	600192	25.69%	2.779%
9	9.174	1201	1205	1208	rBV	2529314	2144621	91.78%	9.932%
10	9.563	1268	1271	1282	rVB	191645	166933	7.14%	0.773%
11	9.851	1317	1320	1324	rBV	826879	724808	31.02%	3.357%
12	10.639	1450	1454	1467	rBV	1434859	1283831	54.94%	5.945%
13	11.333	1568	1572	1579	rBV	843986	761358	32.58%	3.526%
14	11.868	1654	1663	1678	rBV	739374	959575	41.07%	4.444%
15	12.568	1775	1782	1789	rBV2	259533	355654	15.22%	1.647%
16	12.651	1790	1796	1808	rVB	854779	1082247	46.32%	5.012%
17	12.915	1837	1841	1845	rBV	2261713	2336611	100.00%	10.821%
18	13.139	1876	1879	1888	rBV3	41697	53682	2.30%	0.249%
19	13.586	1952	1955	1961	rBV6	31452	34598	1.48%	0.160%
20	13.756	1980	1984	1990	rBV	155509	150823	6.45%	0.698%
21	13.821	1991	1995	2011	rVB3	191731	404483	17.31%	1.873%
22	13.968	2016	2020	2023	rBV	772759	696322	29.80%	3.225%
23	14.127	2044	2047	2050	rBV	36750	32159	1.38%	0.149%
24	14.433	2096	2099	2102	rBV	93277	74539	3.19%	0.345%
25	14.468	2102	2105	2112	rVB5	24139	48764	2.09%	0.226%
26	14.733	2147	2150	2154	rVB	126239	113932	4.88%	0.528%
27	14.874	2170	2174	2180	rVB2	44246	48235	2.06%	0.223%
28	15.062	2202	2206	2210	rBV	187143	201363	8.62%	0.933%
29	15.121	2210	2216	2218	rBV7	18242	34113	1.46%	0.158%
30	15.409	2260	2265	2276	rVB	497316	821756	35.17%	3.806%
31	15.627	2298	2302	2306	rBV4	29692	40957	1.75%	0.190%
32	15.856	2334	2341	2347	rBV	134635	204192	8.74%	0.946%
33	15.956	2351	2358	2359	rBV4	19786	41697	1.78%	0.193%
34	16.345	2419	2424	2430	rBV2	47357	79160	3.39%	0.367%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.627	2466	2472	2481	rBV7	17275	36793	1.57%	0.170%
36	16.921	2517	2522	2530	rVB5	29727	57487	2.46%	0.266%

Sum of corrected areas: 21593677

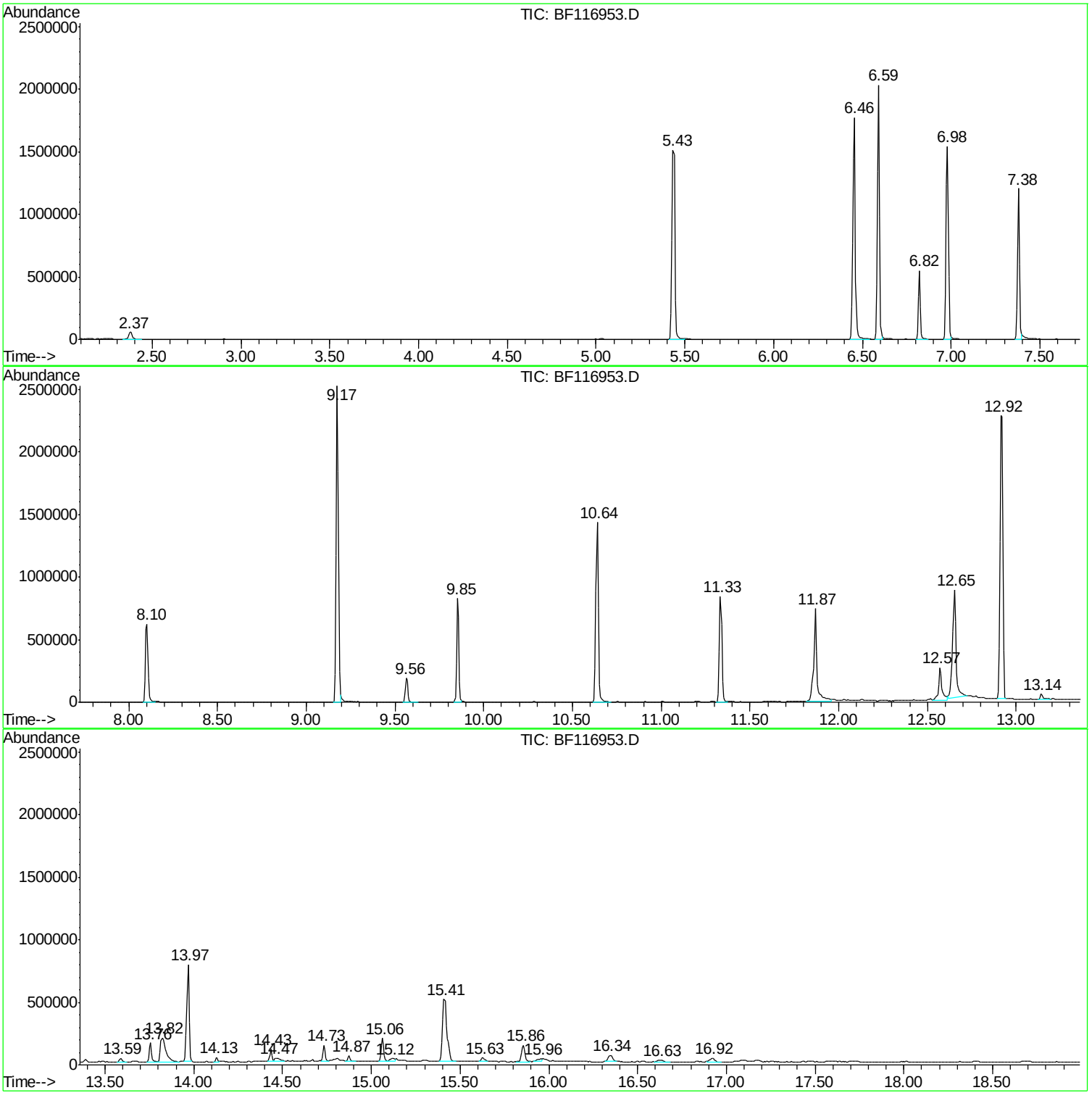
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

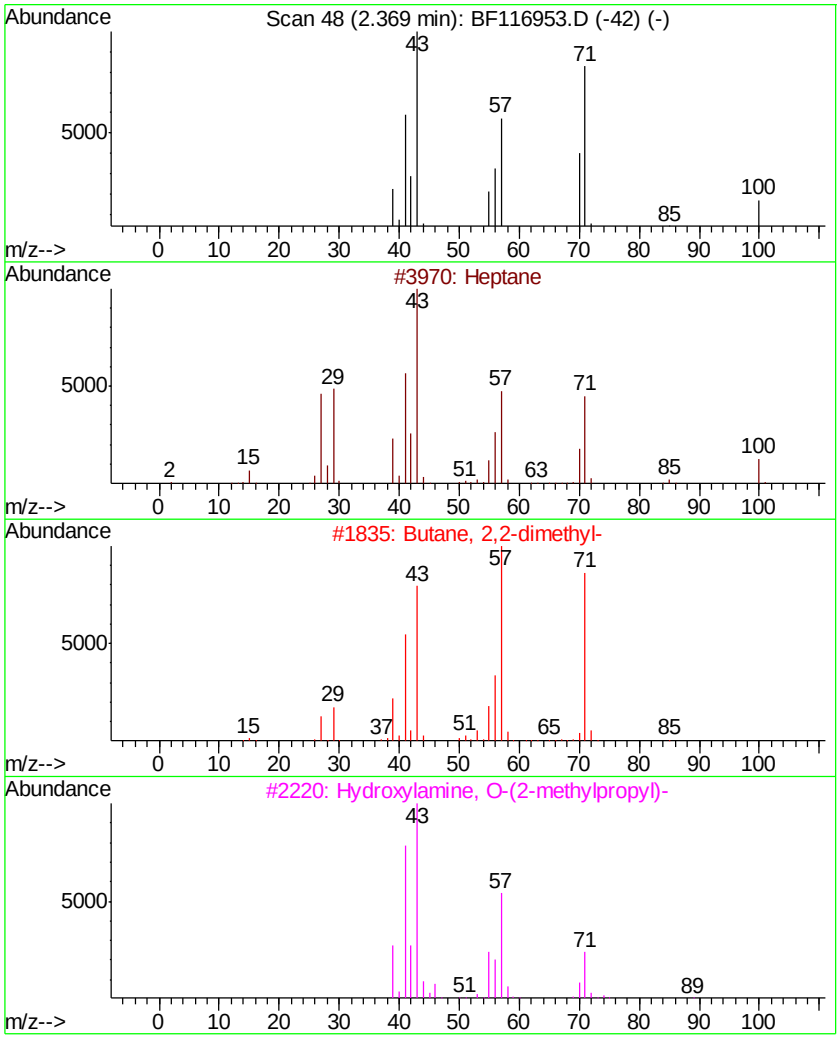
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

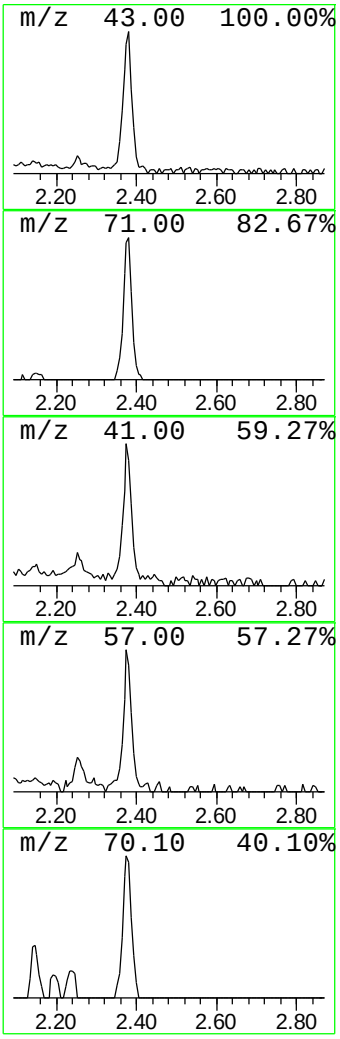
****

Peak Number 1 Heptane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	3.94 ng	89459	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
3	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	50
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

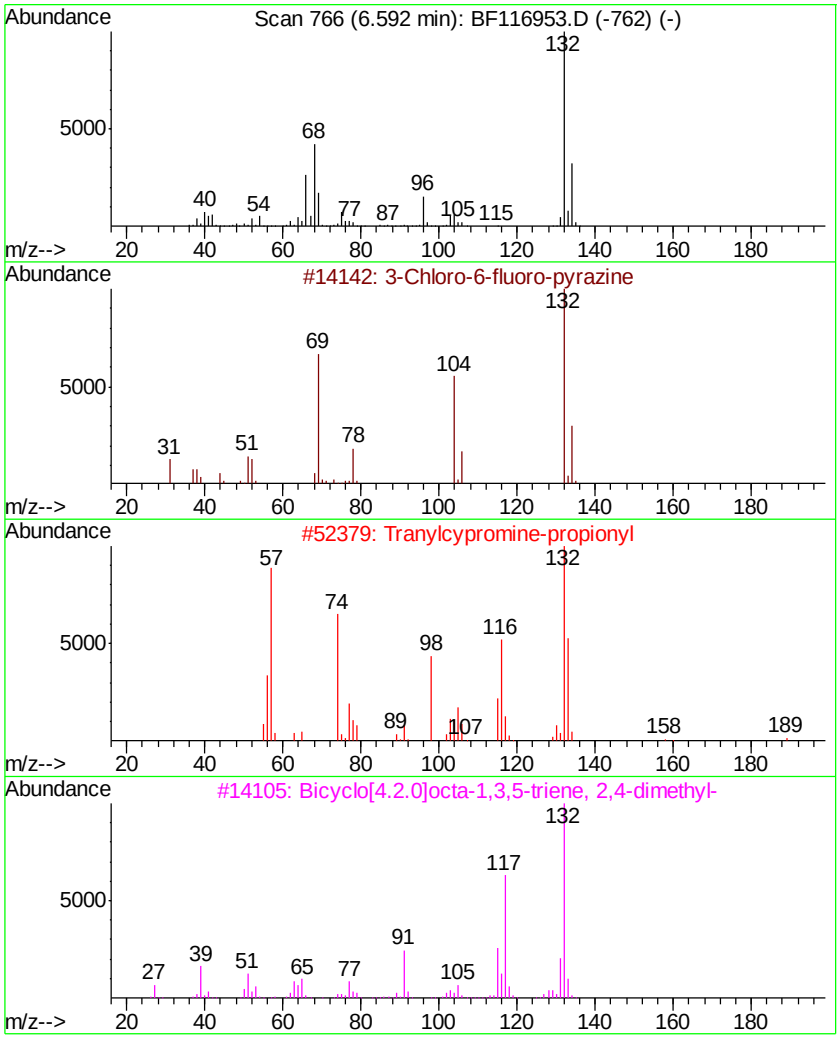
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

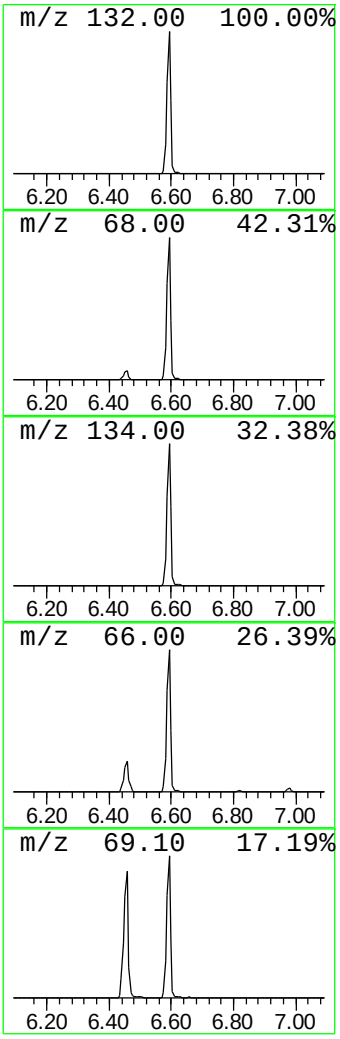
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	77.44 ng	1756240	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Xenon	132	Xe	007440-63-3	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

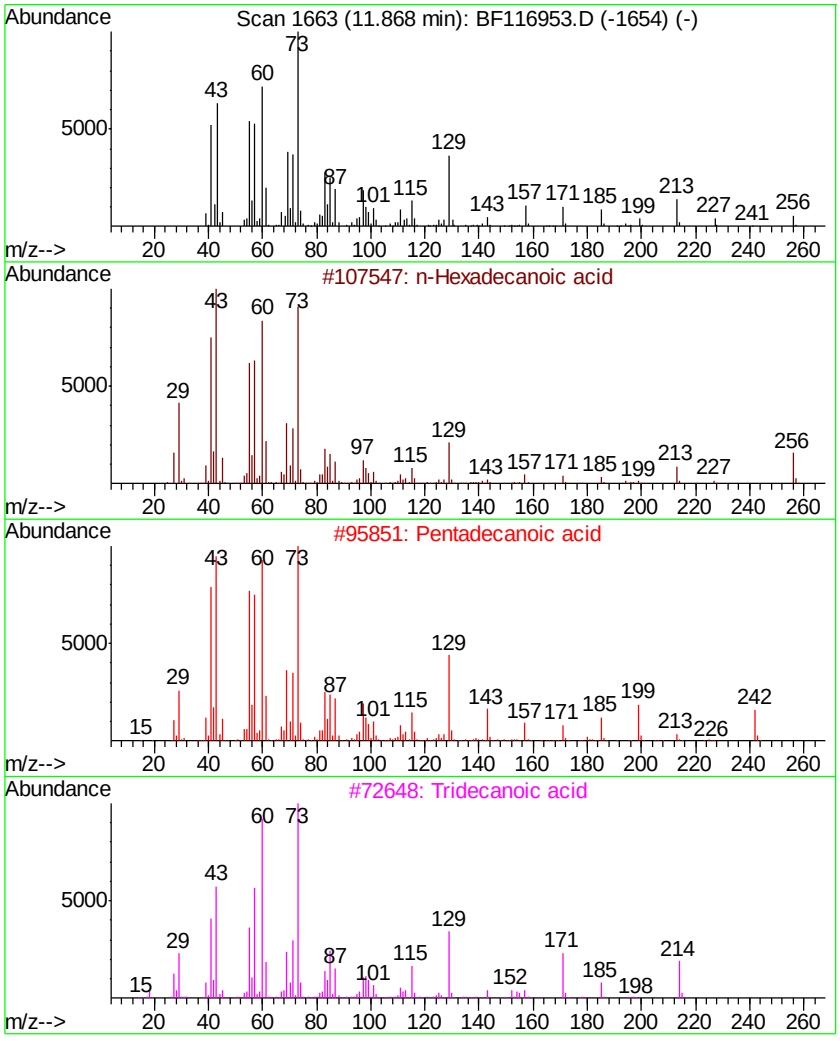
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

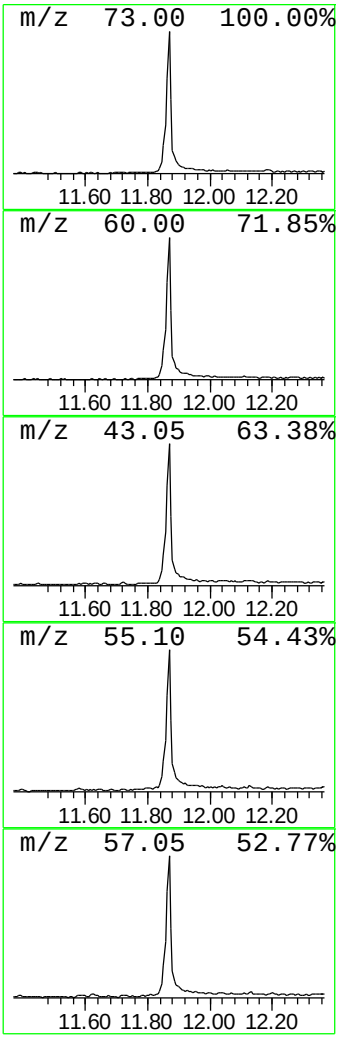
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	25.21 ng	959575	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

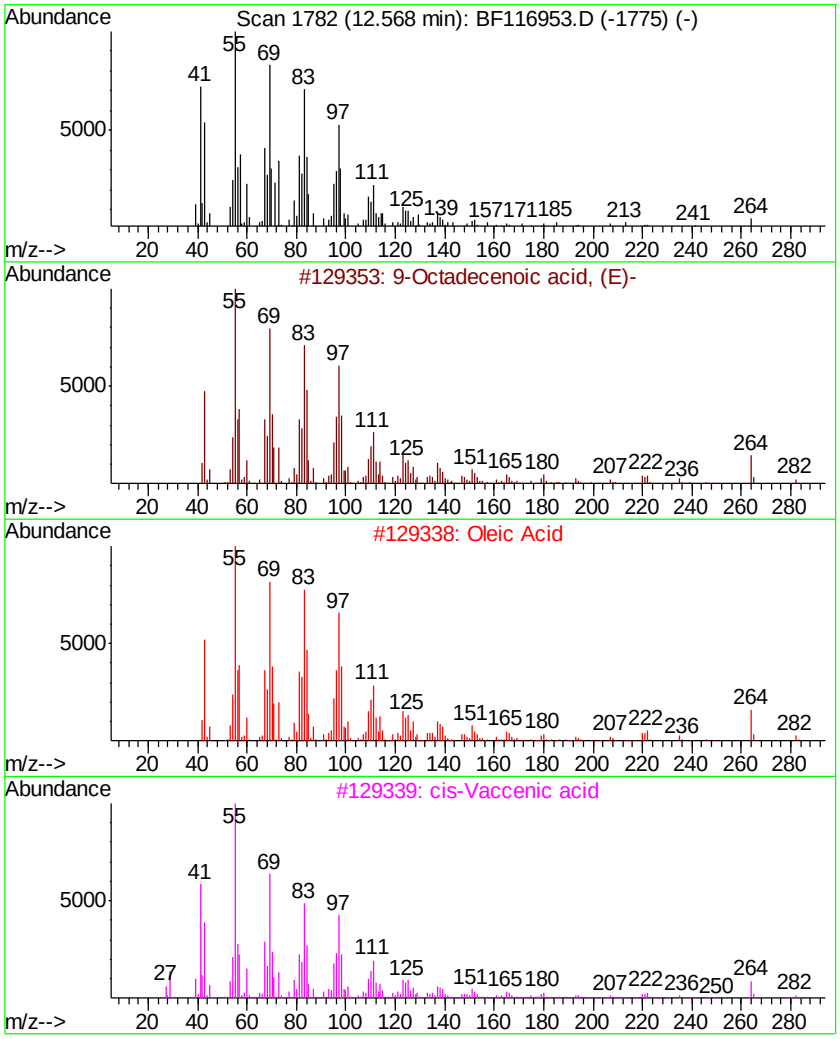
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

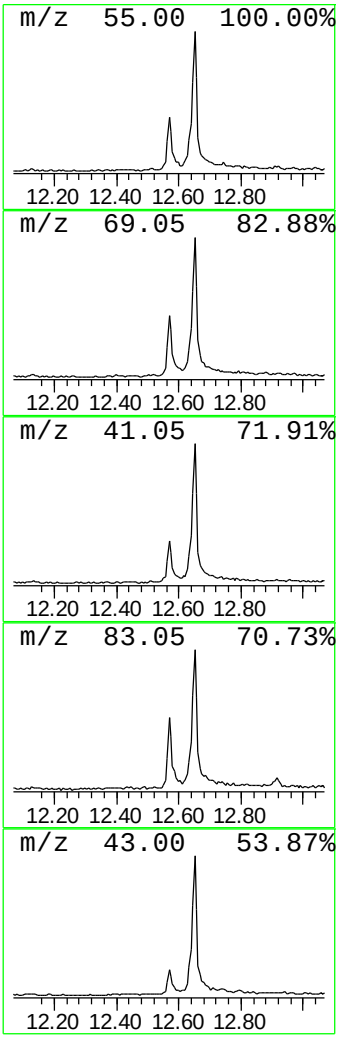
****

Peak Number 5 9-Octadecenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	9.34 ng	355654	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
2	Oleic Acid	282	C18H34O2	000112-80-1	81
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	70
4	Acetic acid, trifluoro-, nonyl e...	240	C11H19F3O2	030767-14-7	52
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

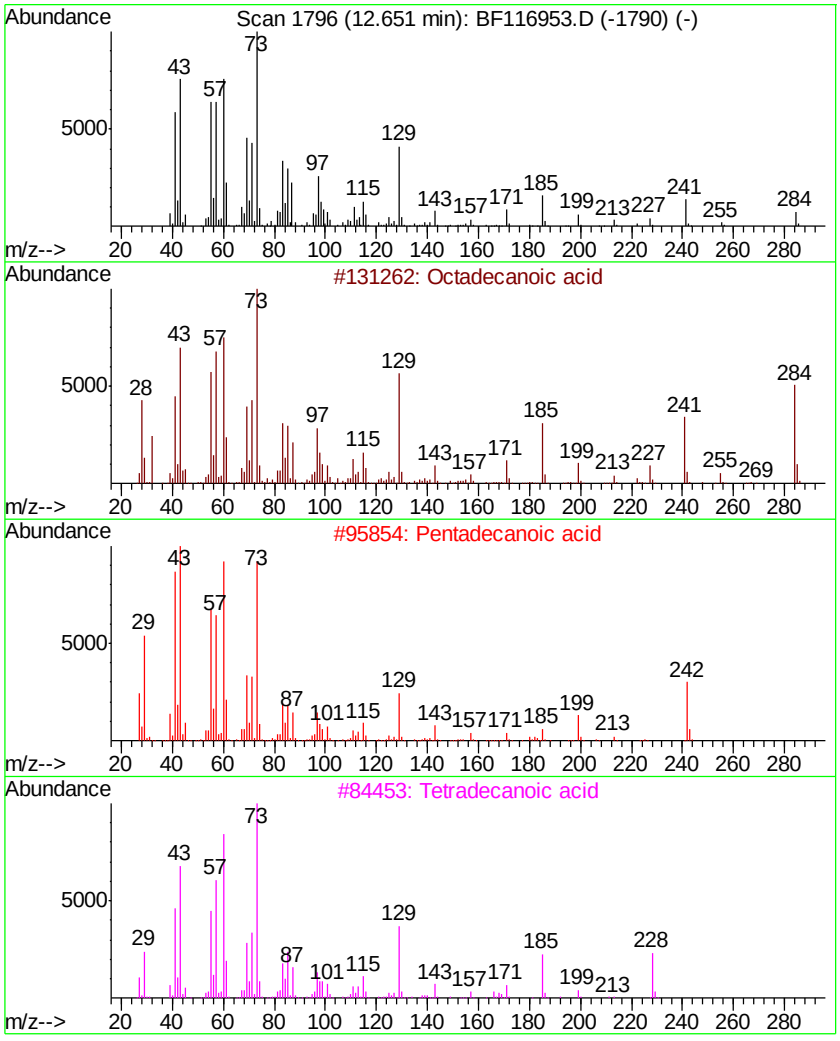
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

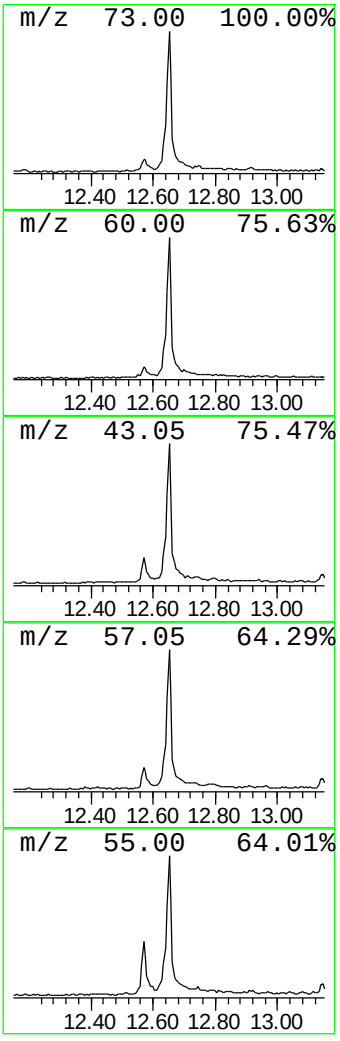
****

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	31.08 ng	1082250	Chrysene-d12	13.97

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

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Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

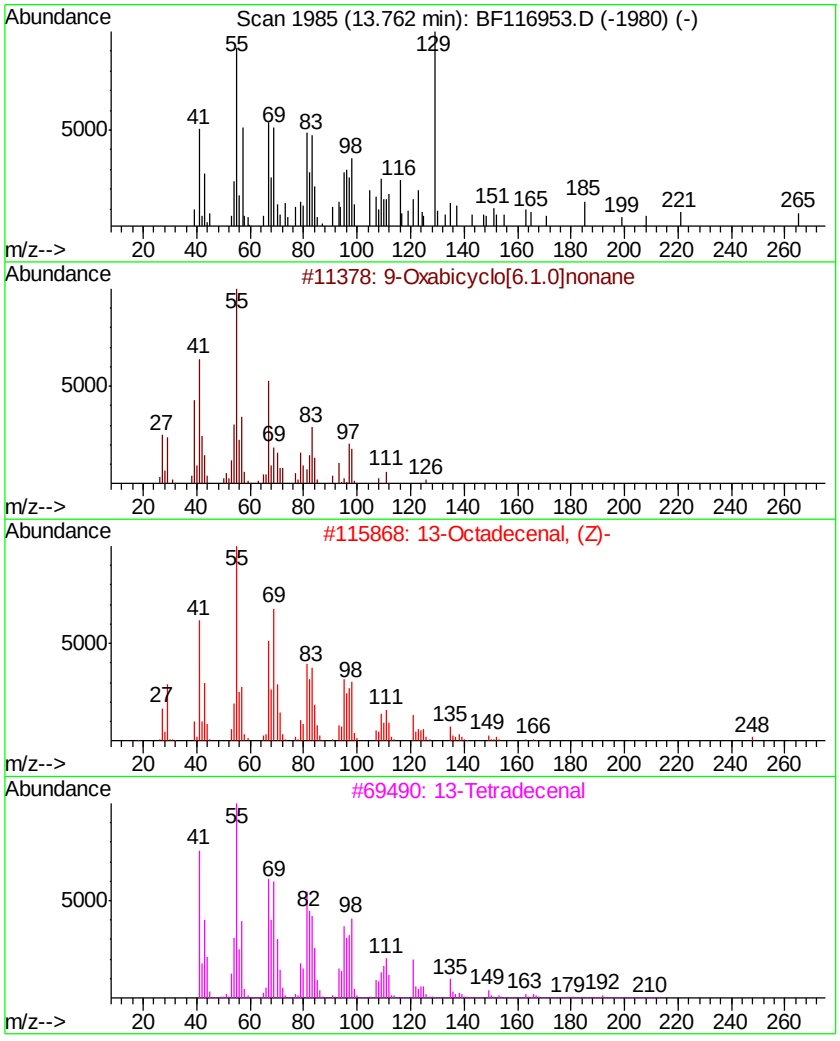
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

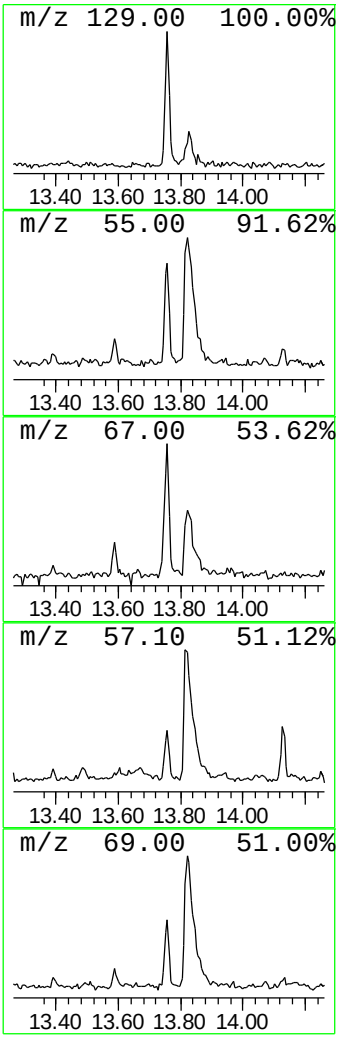
****

Peak Number 7 9-Oxabicyclo[6.1.0]nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.33 ng	150823	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Oxabicyclo[6.1.0]nonane	126	C8H14O	000286-62-4	76
2	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	64
3	13-Tetradecenal	210	C14H26O	085896-31-7	55
4	2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	53
5	cis-11-Hexadecenal	238	C16H30O	053939-28-9	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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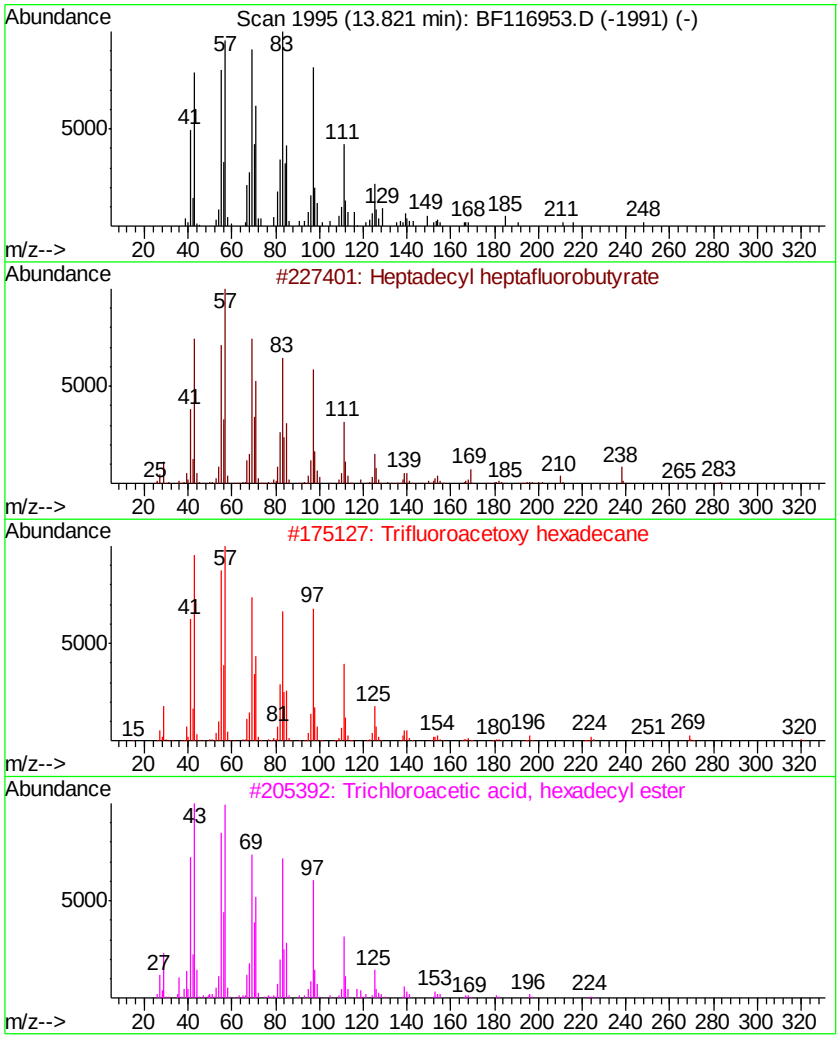
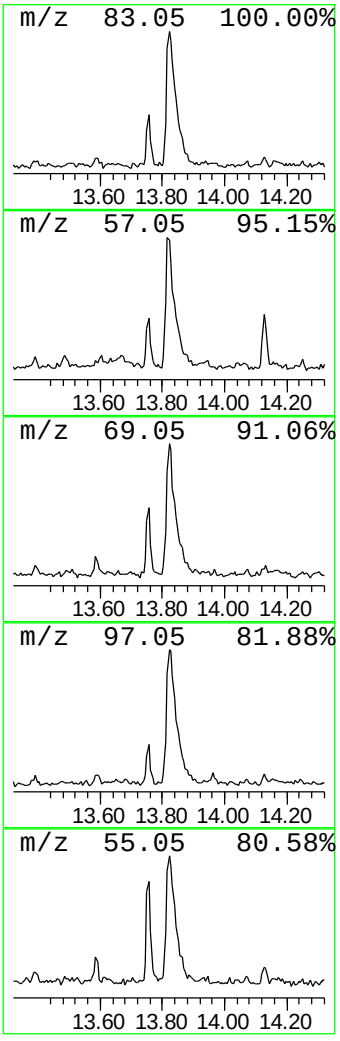
Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	11.62 ng	404483	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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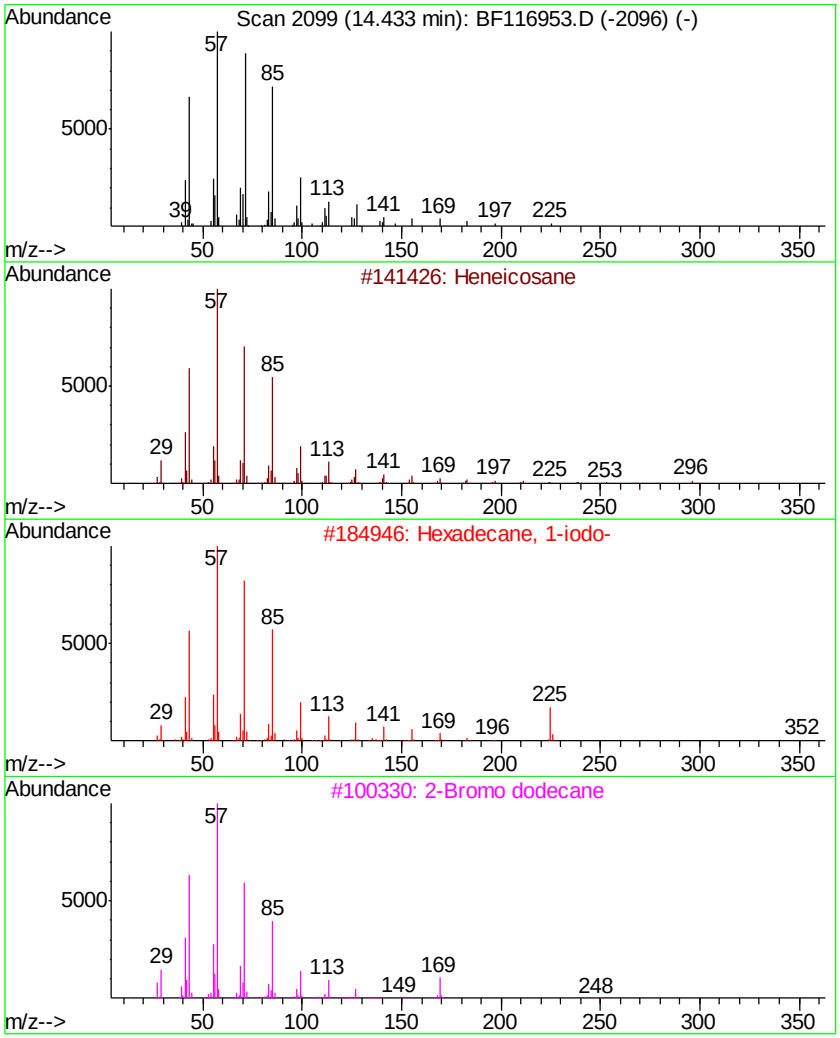
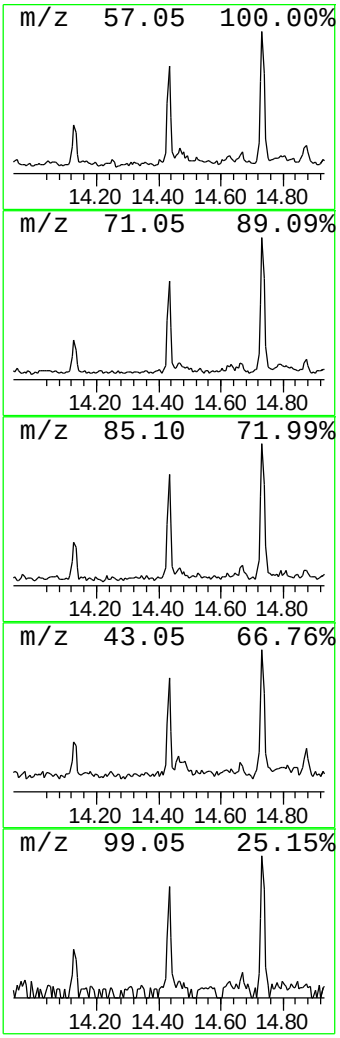
Peak Number 9 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.14 ng	74539	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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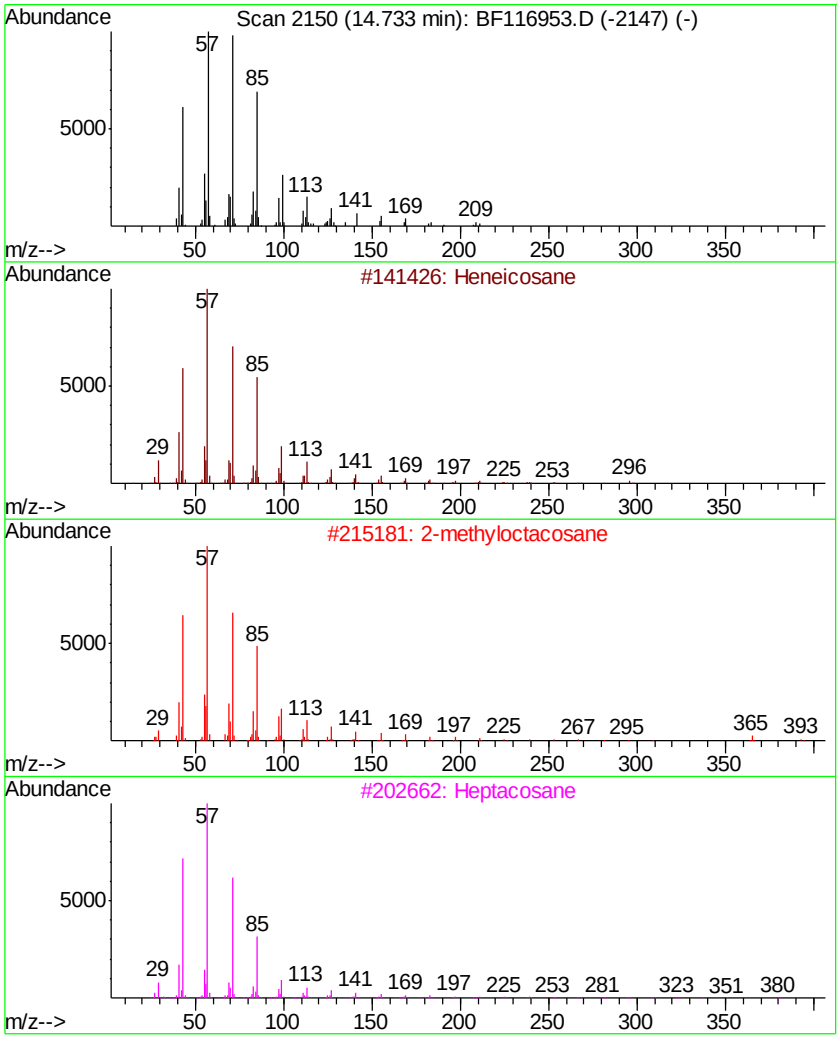
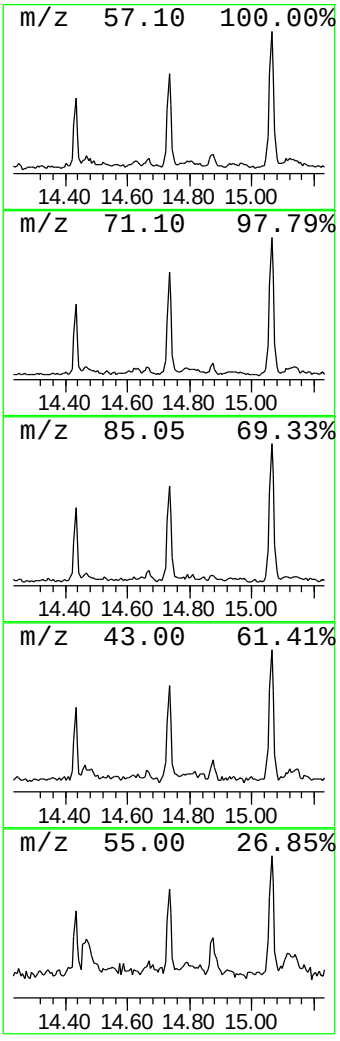
Peak Number 10 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.77 ng	113932	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Hentriacontane	437	C31H64	000630-04-6	86





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Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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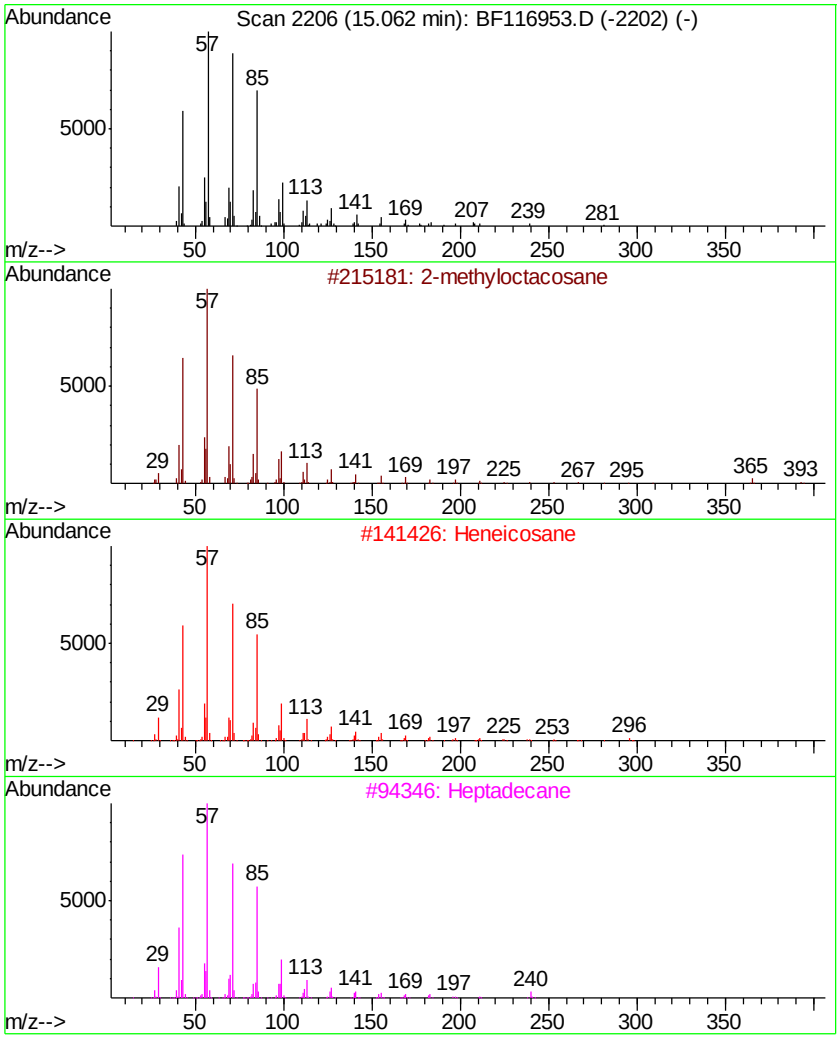
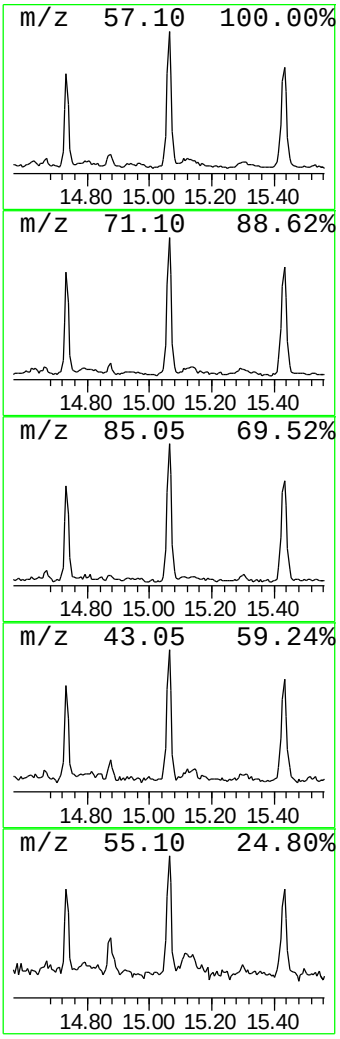
Peak Number 11 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.90 ng	201363	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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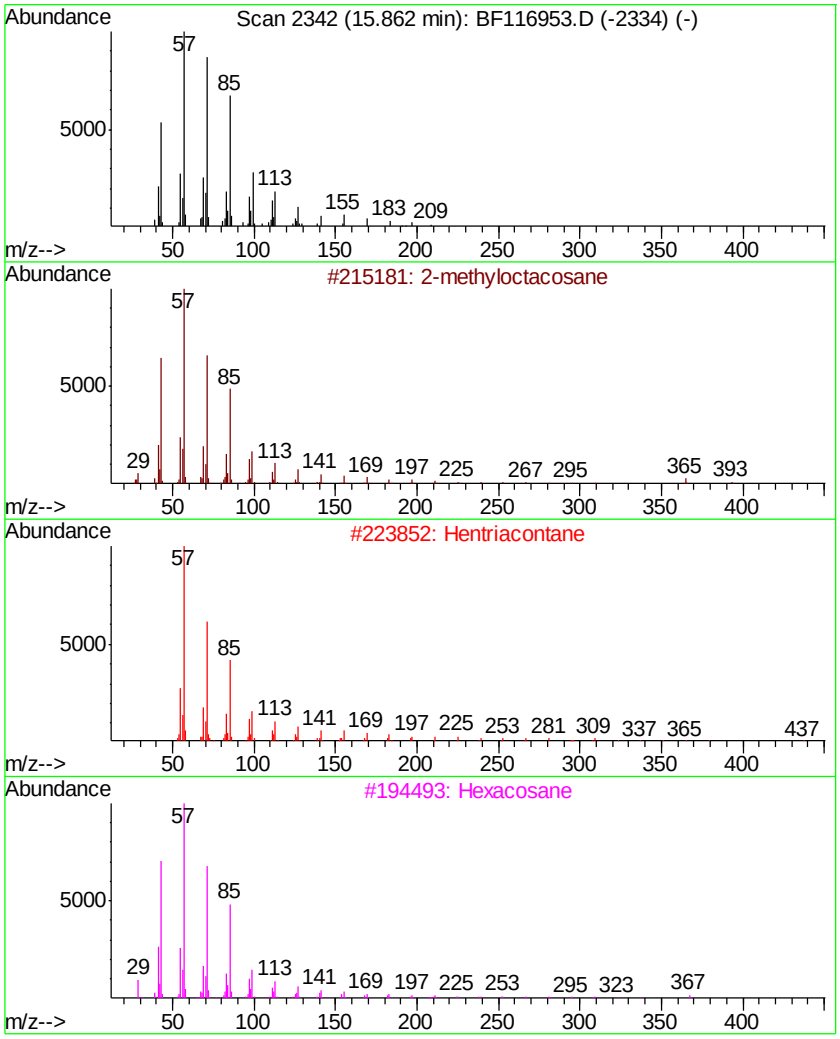
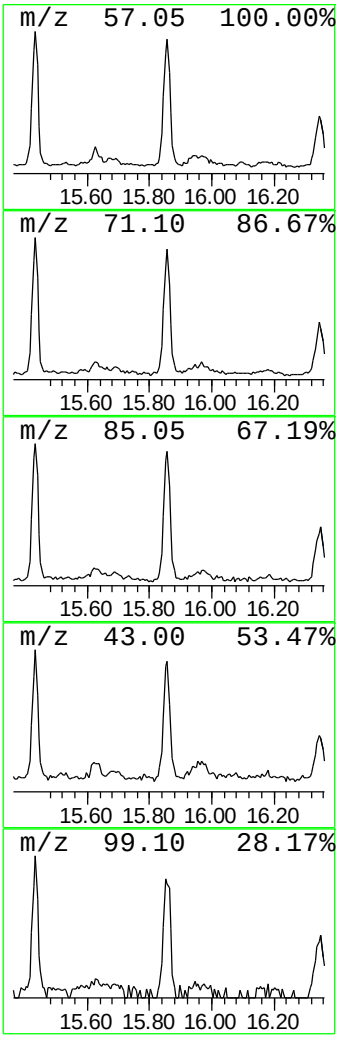
Peak Number 12 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.97 ng	204192	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyltetracosane	352	C25H52	1000376-72-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
Heptane	2.37	3.9	ng	89459	1	6.82	453601	20.0
unknown6.59	6.59	77.4	ng	1756240	1	6.82	453601	20.0
n-Hexadecanoic acid	11.87	25.2	ng	959575	4	11.33	761358	20.0
9-Octadecenoic ac...	12.57	9.3	ng	355654	4	11.33	761358	20.0
Octadecanoic acid	12.65	31.1	ng	1082250	5	13.97	696322	20.0
9-Oxabicyclo[6.1....	13.76	4.3	ng	150823	5	13.97	696322	20.0
Heptadecyl heptaf...	13.82	11.6	ng	404483	5	13.97	696322	20.0
Heneicosane	14.43	2.1	ng	74539	5	13.97	696322	20.0
2-methyloctacosane	14.73	2.8	ng	113932	6	15.41	821756	20.0
Heptadecane	15.06	4.9	ng	201363	6	15.41	821756	20.0
Hentriacontane	15.86	5.0	ng	204192	6	15.41	821756	20.0