LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

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_M\METHODS\8270-BM101718.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	3.463	78	81	95	rBV	252733	379201	1.80%	0.313%
2	4.799	303	308	319	rBV	264980	400276	1.90%	0.330%
3	5.246	377	384	402	rBV	7238586	10109568	47.89%	8.345%
4	6.816	642	651	667	rBV	6765627	11758222	55.71%	9.706%
5	7.163	702	710	722	rBV	7098578	11227528	53.19%	9.268%
6	7.616	781	787	795	rBV	1074816	1705698	8.08%	1.408%
7	7.934	834	841	852	rBV	5075080	8068623	38.23%	6.660%
8	8.775	977	984	1001	rBV	4019321	6875762	32.57%	5.676%
9	10.392	1251	1259	1276	rBV	1357091	2375908	11.26%	1.961%
10	12.880	1672	1682	1695	rBV	10176913	15211458	72.07%	12.556%
11	13.733	1820	1827	1840	rBV	957225	1564123	7.41%	1.291%
12	14.263	1910	1917	1930	rBV2	1990140	3094501	14.66%	2.554%
13	15.763	2165	2172	2184	rBV	8553568	12436887	58.92%	10.266%
14	17.015	2379	2385	2394	rBV2	2477363	3621107	17.16%	2.989%
15	17.927	2534	2540	2551	rBV	977815	1336377	6.33%	1.103%
16	19.115	2736	2742	2746	rBV	347603	421180	2.00%	0.348%
17	19.215	2754	2759	2766	rBV	353940	504425	2.39%	0.416%
18	19.662	2828	2835	2844	rBV	17089922	21107875	100.00%	17.424%
19	20.939	3048	3052	3060	rVV2	445190	702022	3.33%	0.579%
20	21.215	3094	3099	3113	rBV	3246932	4436199	21.02%	3.662%
21	23.409	3466	3472	3486	rVB	2045685	3807792	18.04%	3.143%

Sum of corrected areas: 121144732

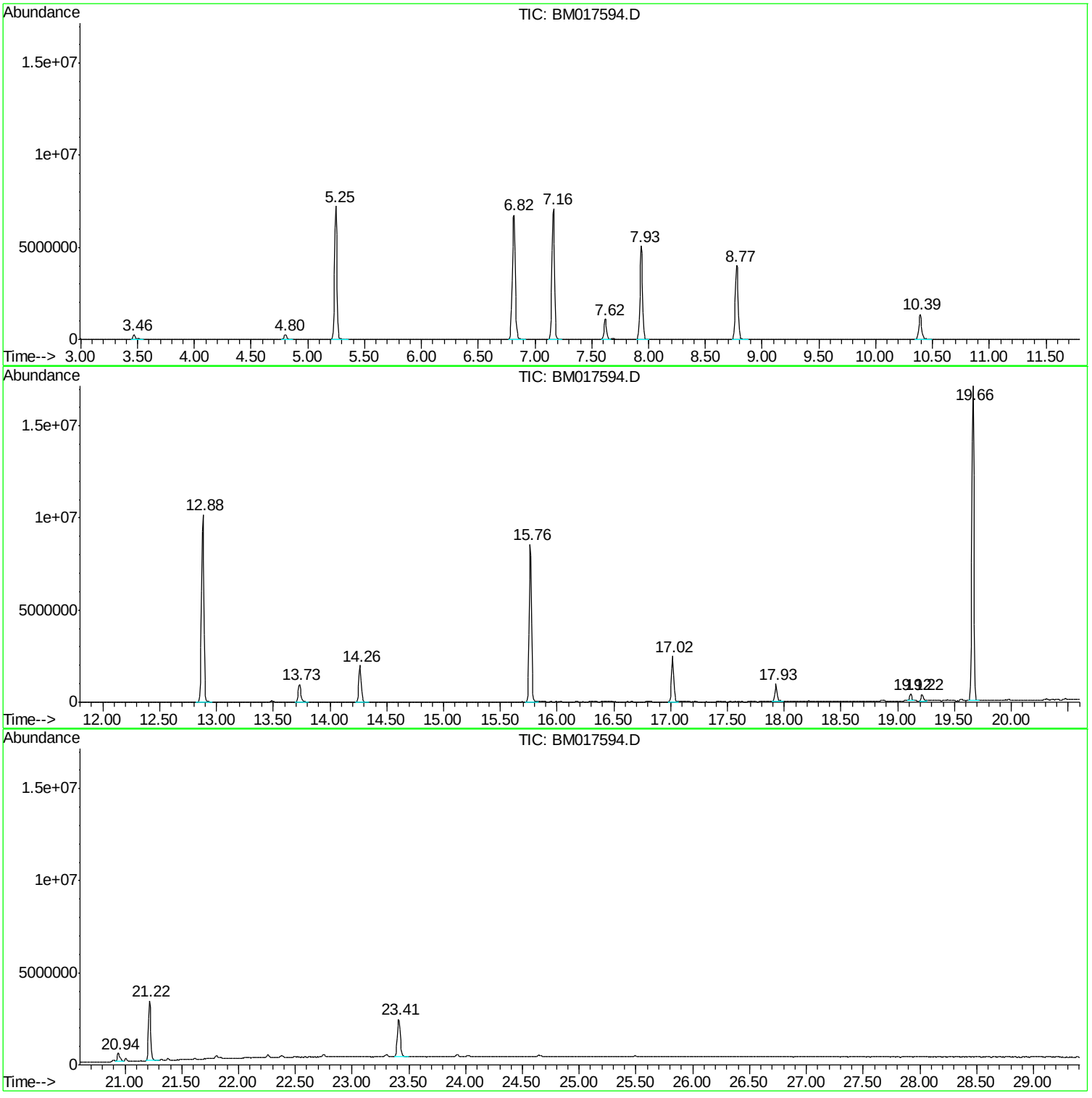
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

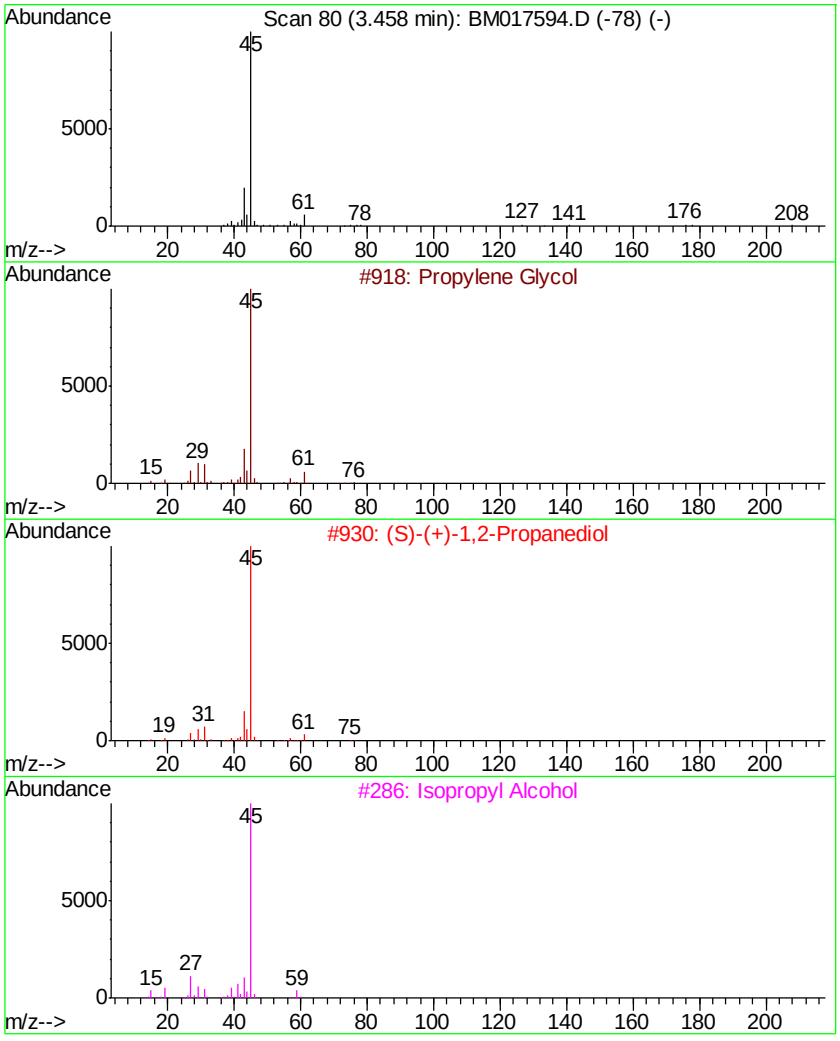
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

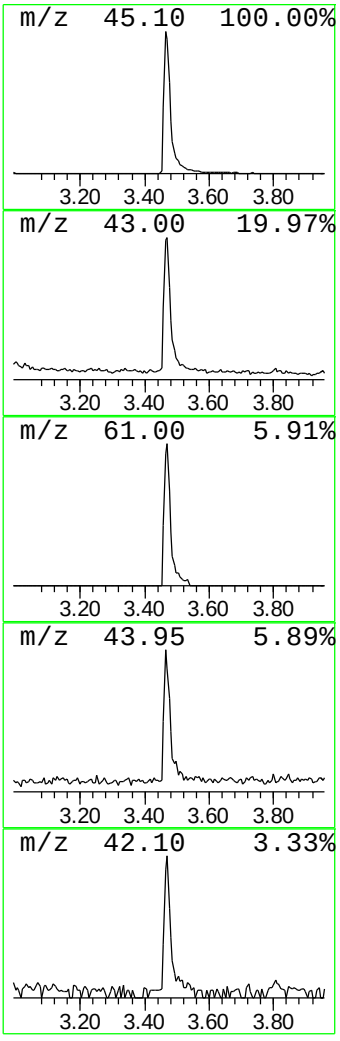
****

Peak Number 1 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	4.45 ng	379201	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40
5	2-Hexanol	102	C6H14O	000626-93-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

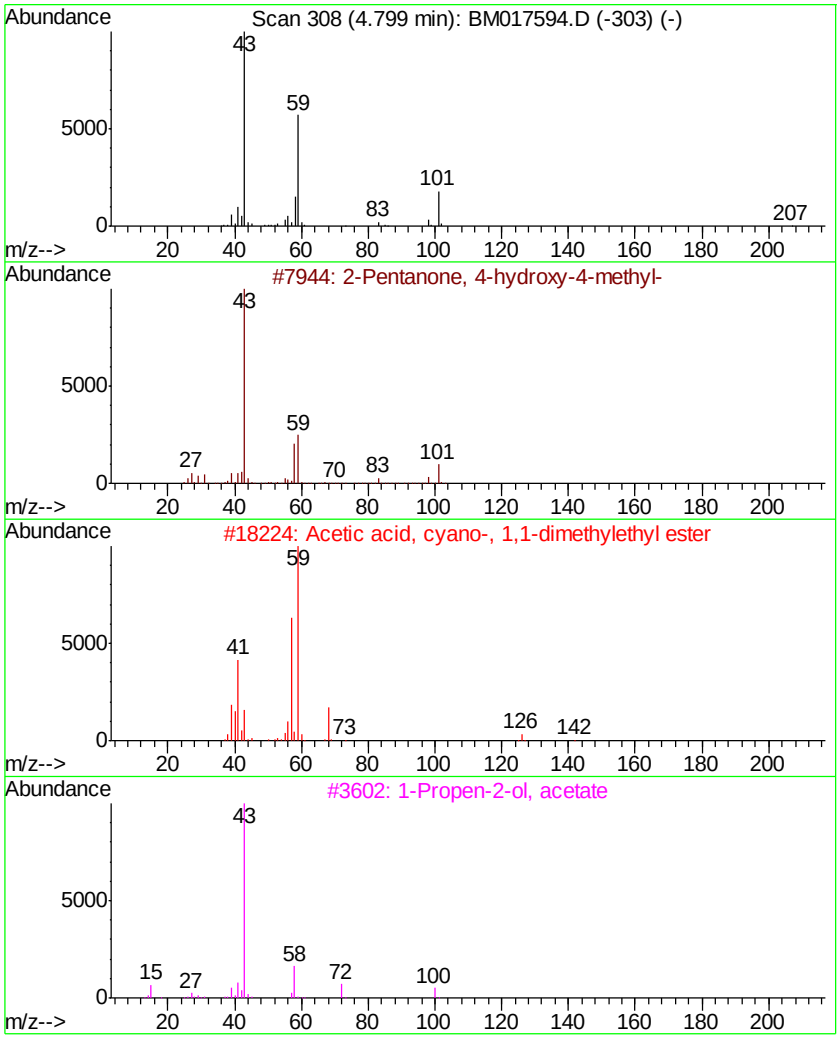
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

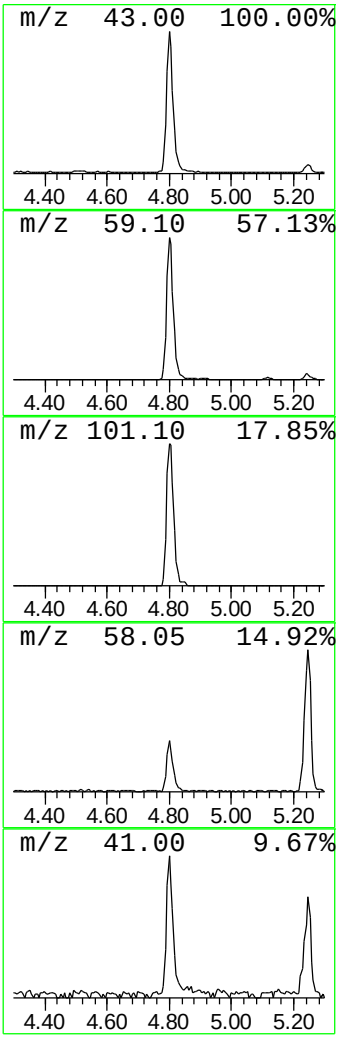
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	4.69 ng	400276	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

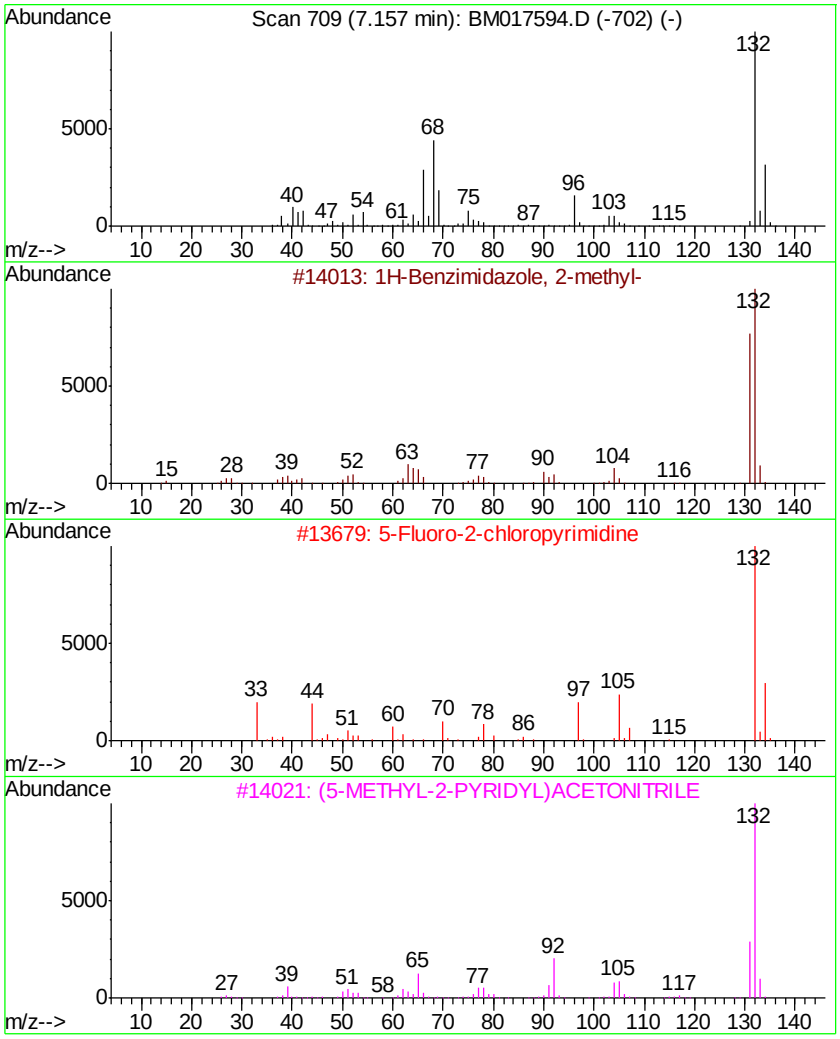
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

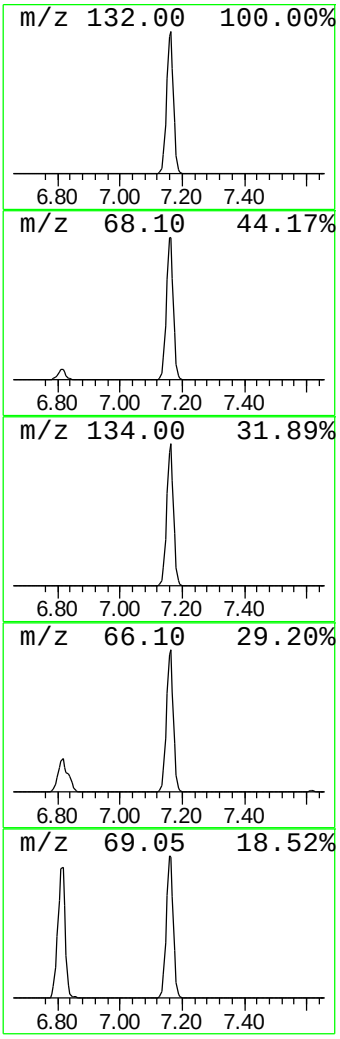
****

Peak Number 3 unknown7.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	131.65 ng	11227500	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

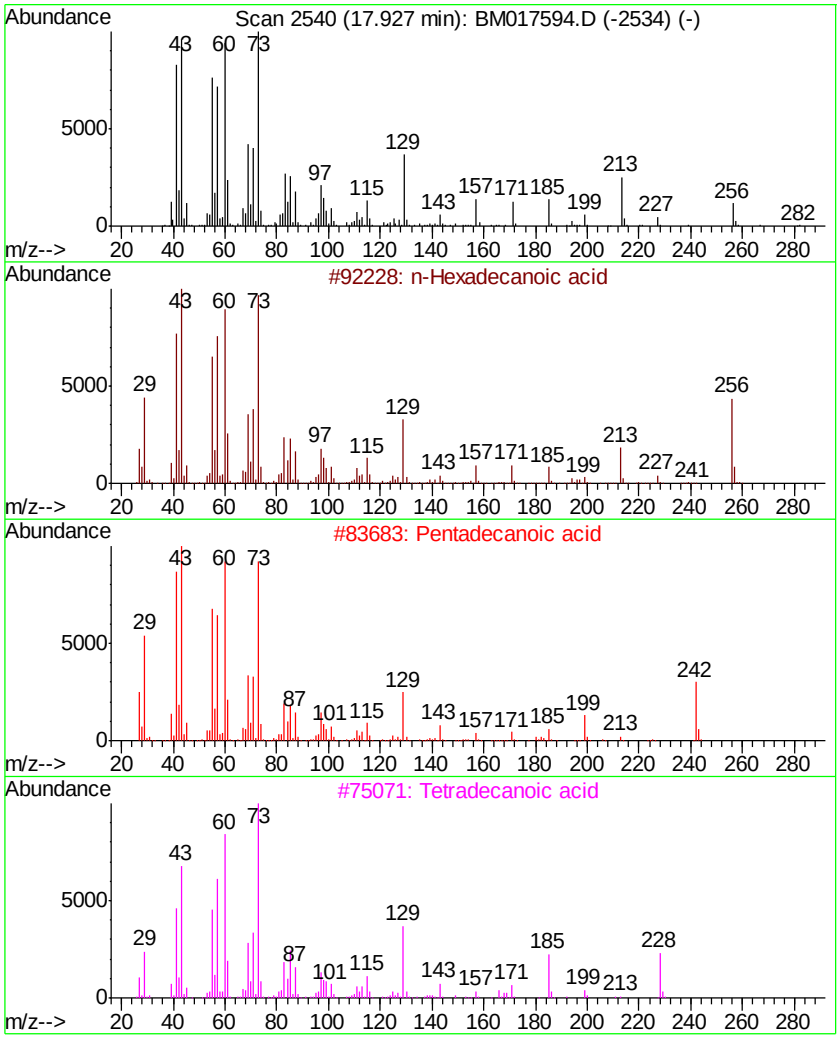
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

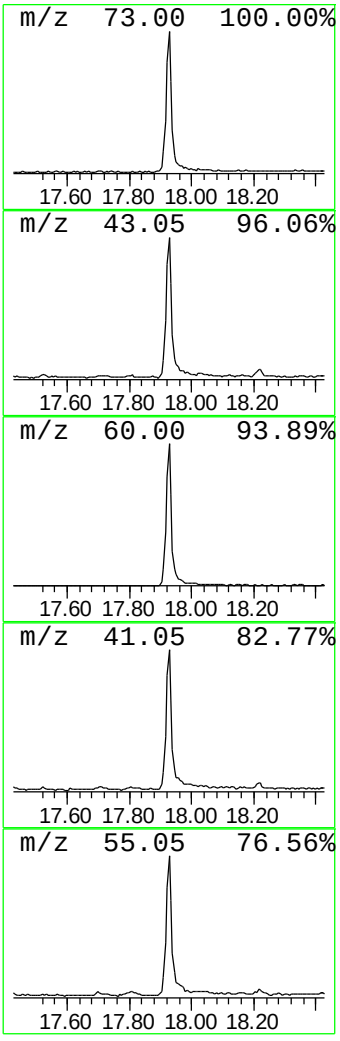
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.38 ng	1336380	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

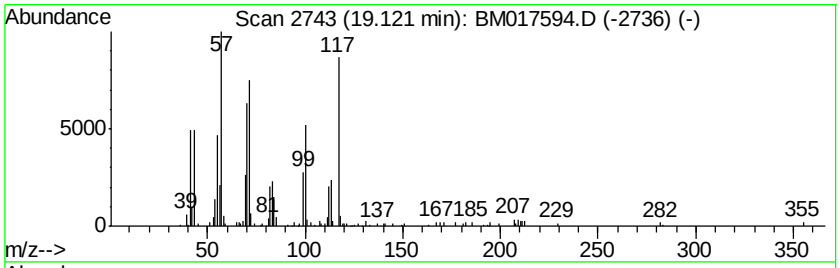
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

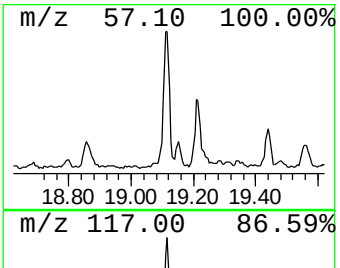
****

Peak Number 6 Bis(2-ethylhexyl) maleate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.33 ng	421180	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	90
2	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	35
3	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	27
4	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	22
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

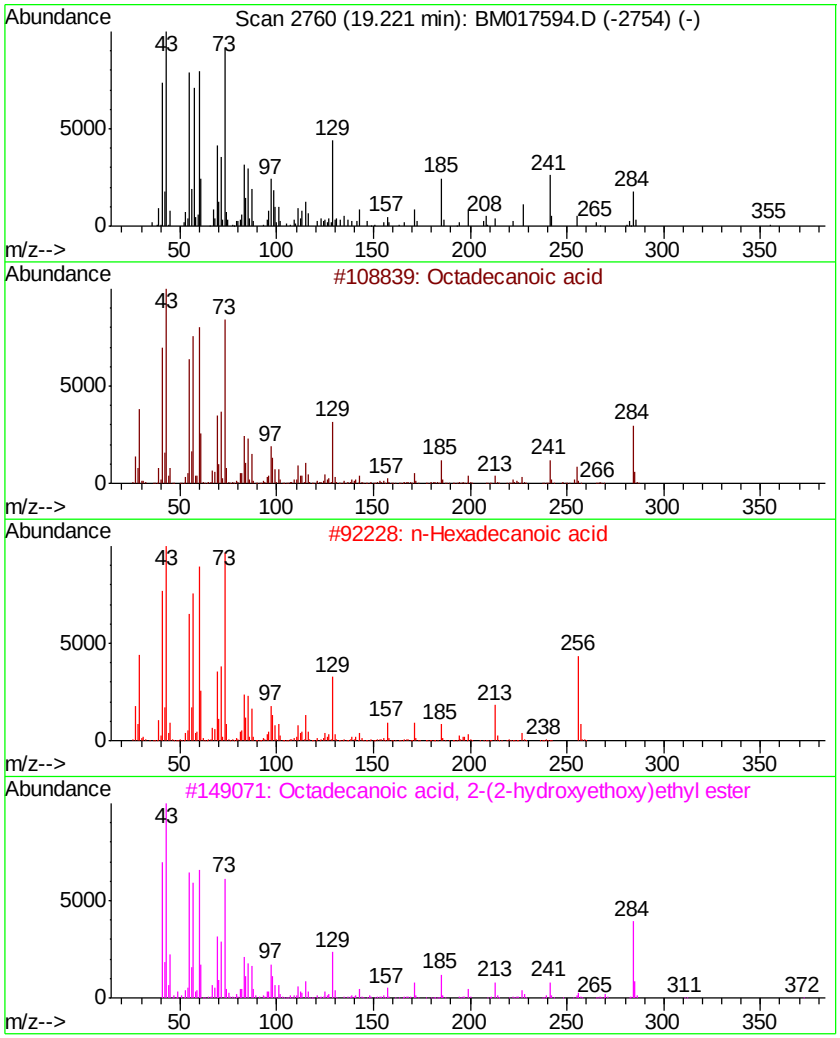
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

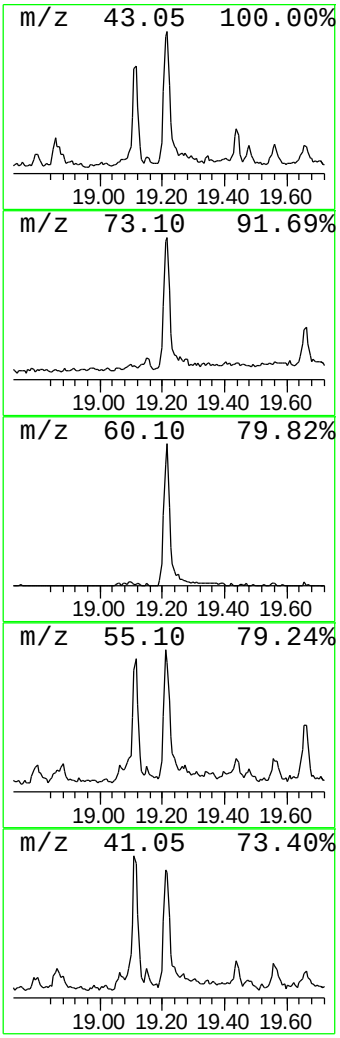
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.27 ng	504425	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

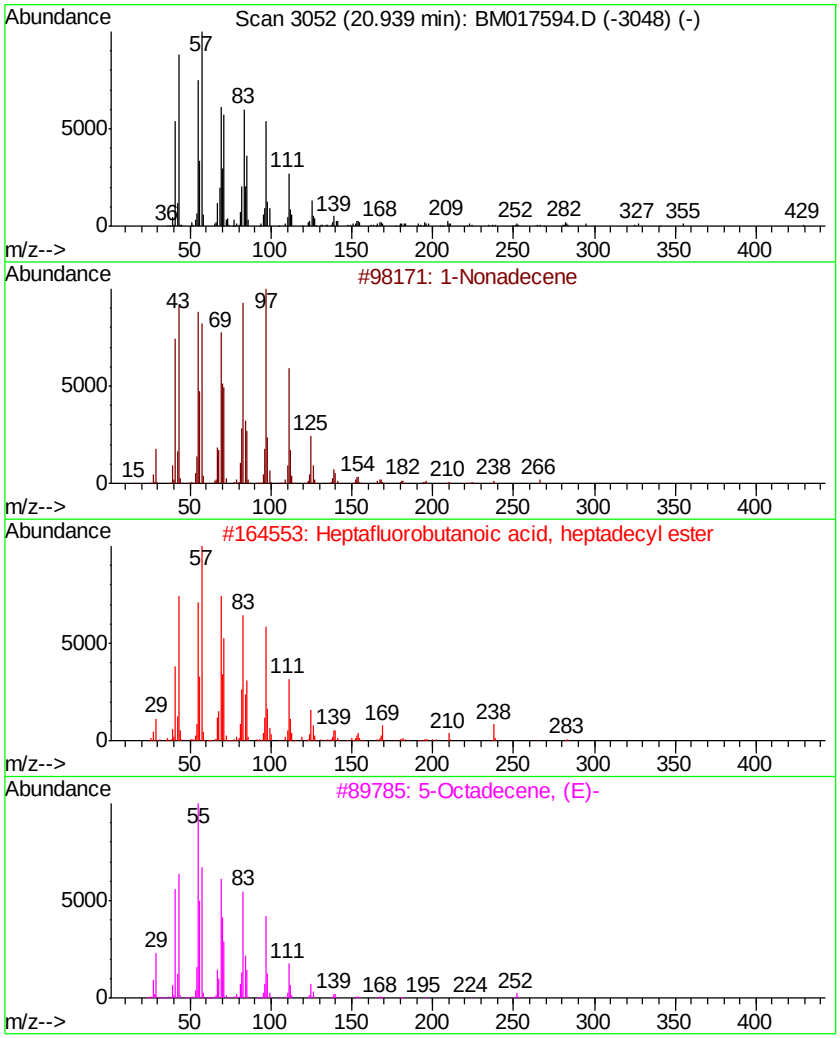
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

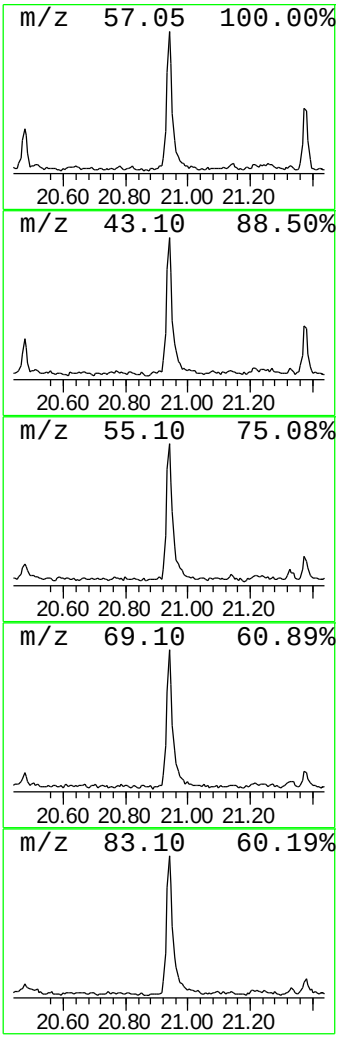
****

Peak Number 8 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.16 ng	702022	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111018\
Data File : BM017594.D
Acq On : 09 Nov 2018 16:48
Operator : MJ/SJ
Sample : J5860-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-111(14-16)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.46	4.5	ng	379201	1	7.62	1705700	20.0
2-Pentanone, 4-hy...	4.80	4.7	ng	400276	1	7.62	1705700	20.0
unknown7.16	7.16	131.7	ng	11227500	1	7.62	1705700	20.0
n-Hexadecanoic acid	17.93	7.4	ng	1336380	4	17.02	3621110	20.0
Bis(2-ethylhexyl)...	19.12	2.3	ng	421180	4	17.02	3621110	20.0
Octadecanoic acid	19.22	2.3	ng	504425	5	21.22	4436200	20.0
1-Nonadecene	20.94	3.2	ng	702022	5	21.22	4436200	20.0