LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

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_P\METHODS\8270-BP100119.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	4.946	481	486	490	rBV	1283145	1420703	37.20%	3.501%
2	5.375	555	559	569	rBV	731217	766208	20.06%	1.888%
3	5.699	611	614	632	rVB2	47296	107767	2.82%	0.266%
4	6.299	712	716	720	rBV	165650	161275	4.22%	0.397%
5	6.387	727	731	743	rBV	2730071	2854881	74.76%	7.035%
6	6.522	750	754	757	rBV	2276404	2002657	52.44%	4.935%
7	6.752	789	793	796	rBV	1310331	1190613	31.18%	2.934%
8	6.816	801	804	811	rBV	98955	79832	2.09%	0.197%
9	6.905	815	819	822	rBV	3388867	2697020	70.63%	6.646%
10	7.311	884	888	891	rVB	2363038	1951464	51.10%	4.809%
11	7.487	915	918	921	rBV	62989	47793	1.25%	0.118%
12	7.528	921	925	928	rBV	134514	110381	2.89%	0.272%
13	8.034	1007	1011	1013	rBV	1839374	1485396	38.90%	3.660%
14	8.052	1013	1014	1018	rVB	69589	50855	1.33%	0.125%
15	8.234	1042	1045	1052	rVB2	46877	48871	1.28%	0.120%
16	8.746	1127	1132	1135	rBV2	55115	67996	1.78%	0.168%
17	8.781	1135	1138	1141	rVV2	74163	62594	1.64%	0.154%
18	9.116	1191	1195	1198	rBV	4092362	3501188	91.69%	8.628%
19	9.216	1205	1212	1216	rBV5	41626	85057	2.23%	0.210%
20	9.257	1216	1219	1226	rVB2	34433	50991	1.34%	0.126%
21	9.452	1247	1252	1255	rBV3	39060	64609	1.69%	0.159%
22	9.510	1259	1262	1267	rBV	888718	675093	17.68%	1.664%
23	9.657	1284	1287	1291	rBV	113610	123187	3.23%	0.304%
24	9.710	1293	1296	1299	rVB3	45576	54728	1.43%	0.135%
25	9.799	1307	1311	1314	rVB	2018124	1800026	47.14%	4.436%
26	10.040	1349	1352	1355	rBV	109741	95375	2.50%	0.235%
27	10.316	1397	1399	1402	rVB2	64623	55440	1.45%	0.137%
28	10.346	1402	1404	1411	rVB2	41940	51617	1.35%	0.127%
29	10.587	1442	1445	1453	rBV2	129268	150755	3.95%	0.371%
30	10.716	1464	1467	1475	rVB4	77040	133923	3.51%	0.330%
31	10.781	1475	1478	1481	rBV	43161	51423	1.35%	0.127%
32	10.957	1505	1508	1511	rVB4	59768	57401	1.50%	0.141%
33	11.022	1516	1519	1521	rBV	178088	165644	4.34%	0.408%
34	11.157	1538	1542	1546	rBV	646026	569613	14.92%	1.404%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

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_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.293	1561	1565	1568	rBV	2309565	2005000	52.51%	4.941%
36	11.316	1568	1569	1572	rVV	323831	183950	4.82%	0.453%
37	11.369	1574	1578	1581	rVB2	206408	236605	6.20%	0.583%
38	11.528	1602	1605	1608	rBV	72444	72827	1.91%	0.179%
39	11.799	1649	1651	1654	rBV	61767	55309	1.45%	0.136%
40	11.828	1654	1656	1659	rBV	71420	63337	1.66%	0.156%
41	11.893	1665	1667	1669	rBV	73055	53672	1.41%	0.132%
42	11.916	1669	1671	1673	rVB	120653	99022	2.59%	0.244%
43	12.098	1699	1702	1704	rVB2	67510	63436	1.66%	0.156%
44	12.357	1743	1746	1749	rBV	103282	120731	3.16%	0.298%
45	12.457	1761	1763	1770	rVB2	121111	161831	4.24%	0.399%
46	12.522	1770	1774	1777	rBV	794504	684640	17.93%	1.687%
47	12.569	1779	1782	1784	rVV	70999	74289	1.95%	0.183%
48	12.616	1788	1790	1793	rVB	88215	70246	1.84%	0.173%
49	12.751	1808	1813	1816	rBV	816484	791191	20.72%	1.950%
50	12.898	1835	1838	1841	rBV	4572281	3818663	100.00%	9.410%
51	13.087	1867	1870	1873	rVB	228668	212428	5.56%	0.523%
52	13.151	1878	1881	1884	rVV	198419	178320	4.67%	0.439%
53	13.193	1885	1888	1891	rBV2	112112	122000	3.19%	0.301%
54	13.281	1901	1903	1906	rVB	85428	78020	2.04%	0.192%
55	13.316	1906	1909	1913	rBV	102422	118972	3.12%	0.293%
56	13.816	1991	1994	2001	rVB3	451590	586803	15.37%	1.446%
57	13.963	2014	2019	2022	rBV2	2219231	2770965	72.56%	6.828%
58	13.993	2022	2024	2027	rVB	434532	345968	9.06%	0.853%
59	14.457	2100	2103	2106	rBV3	216627	206314	5.40%	0.508%
60	14.840	2165	2168	2174	rVB2	143109	165013	4.32%	0.407%
61	15.016	2194	2198	2207	rVB	413442	766506	20.07%	1.889%
62	15.104	2210	2213	2215	rBV2	150624	168463	4.41%	0.415%
63	15.316	2246	2249	2255	rVB	309385	385166	10.09%	0.949%
64	15.381	2256	2260	2265	rBV	418671	579238	15.17%	1.427%
65	15.445	2266	2271	2274	rBV	1516545	1866747	48.88%	4.600%
66	15.928	2350	2353	2357	rBV	96836	121247	3.18%	0.299%
67	16.904	2515	2519	2526	rVB2	160673	277282	7.26%	0.683%
68	17.345	2590	2594	2605	rVB	146415	284689	7.46%	0.702%

Sum of corrected areas: 40581266

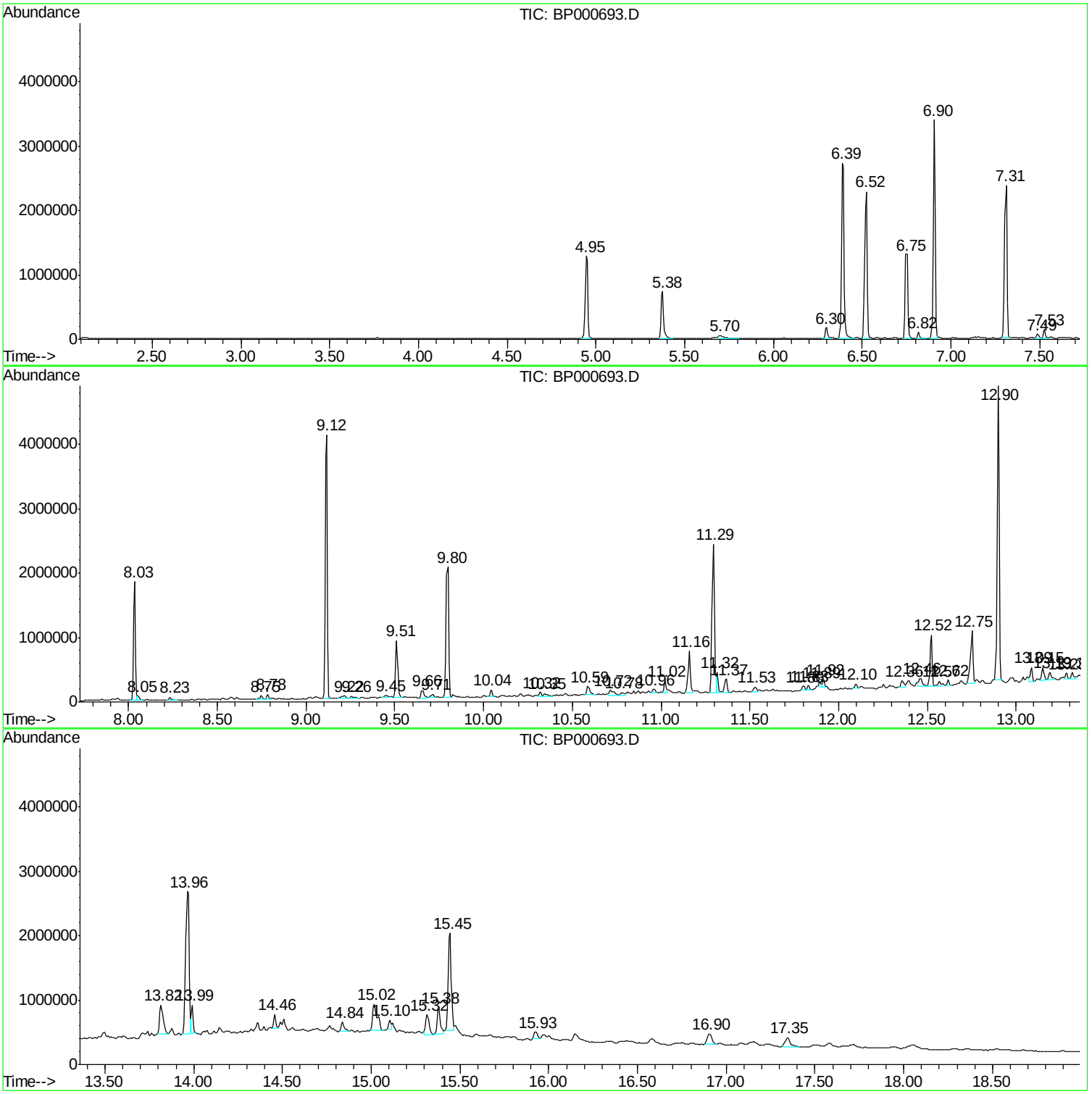
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190826-COMPOSITE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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 P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

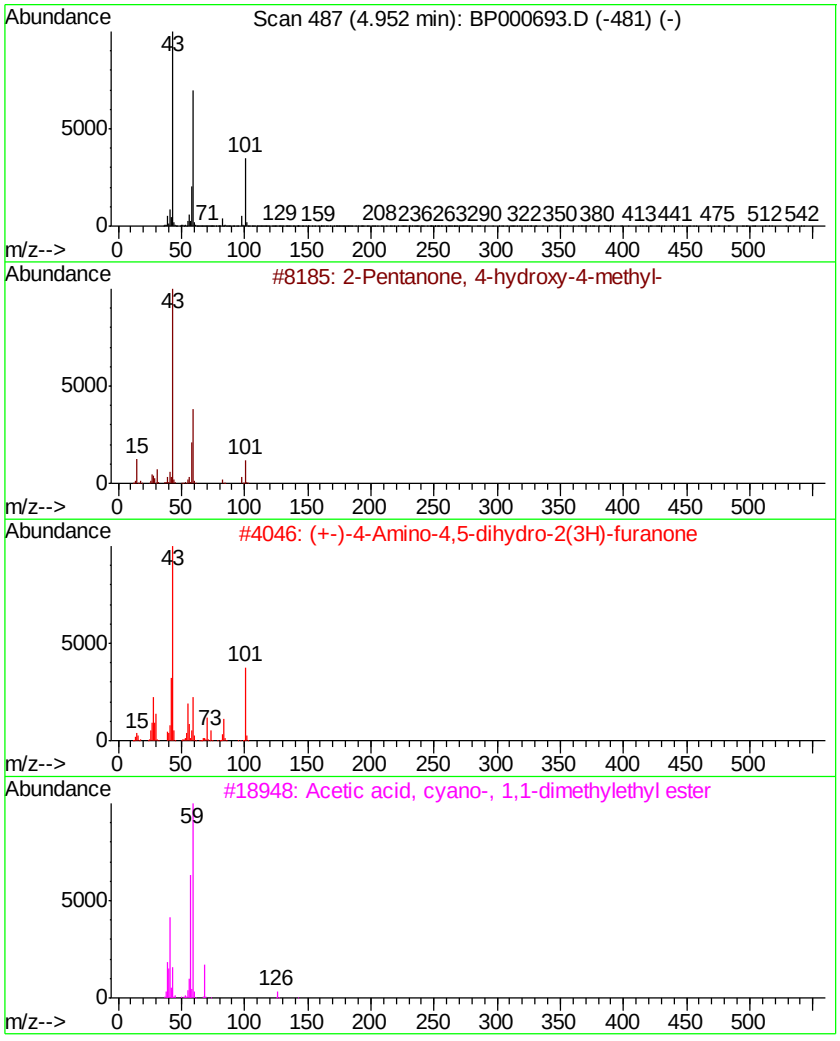
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

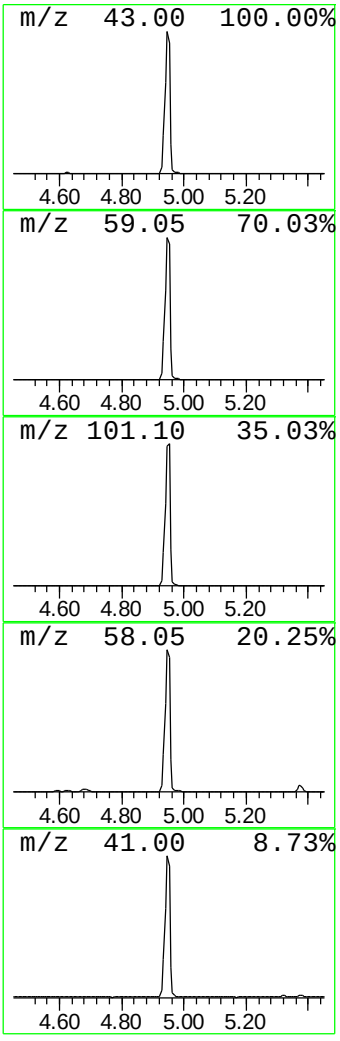
****

Peak Number 1 unknown4.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	23.87 ng	1420700	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

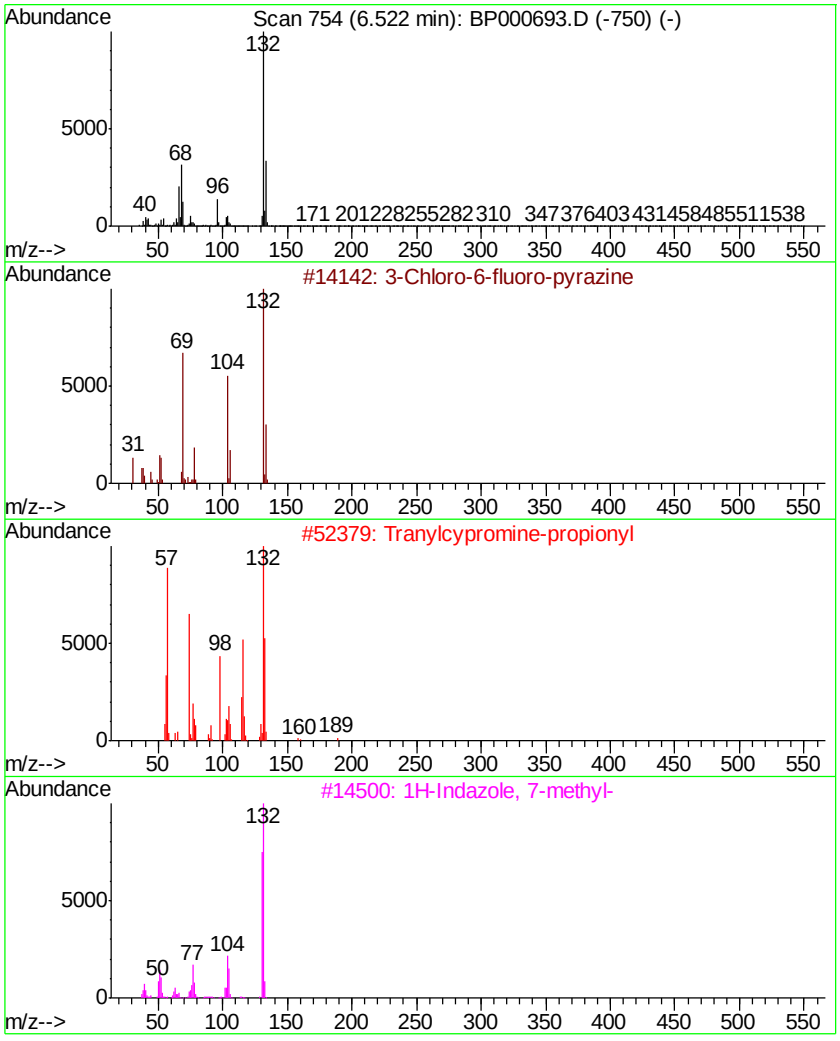
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

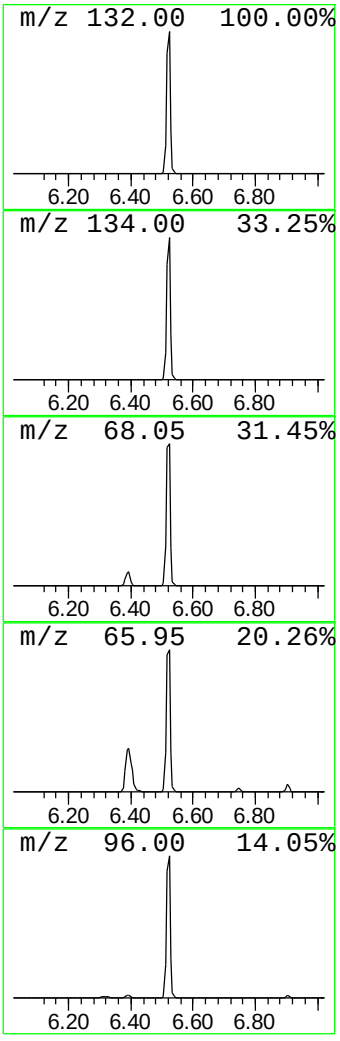
****

Peak Number 2 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	33.64 ng	2002660	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

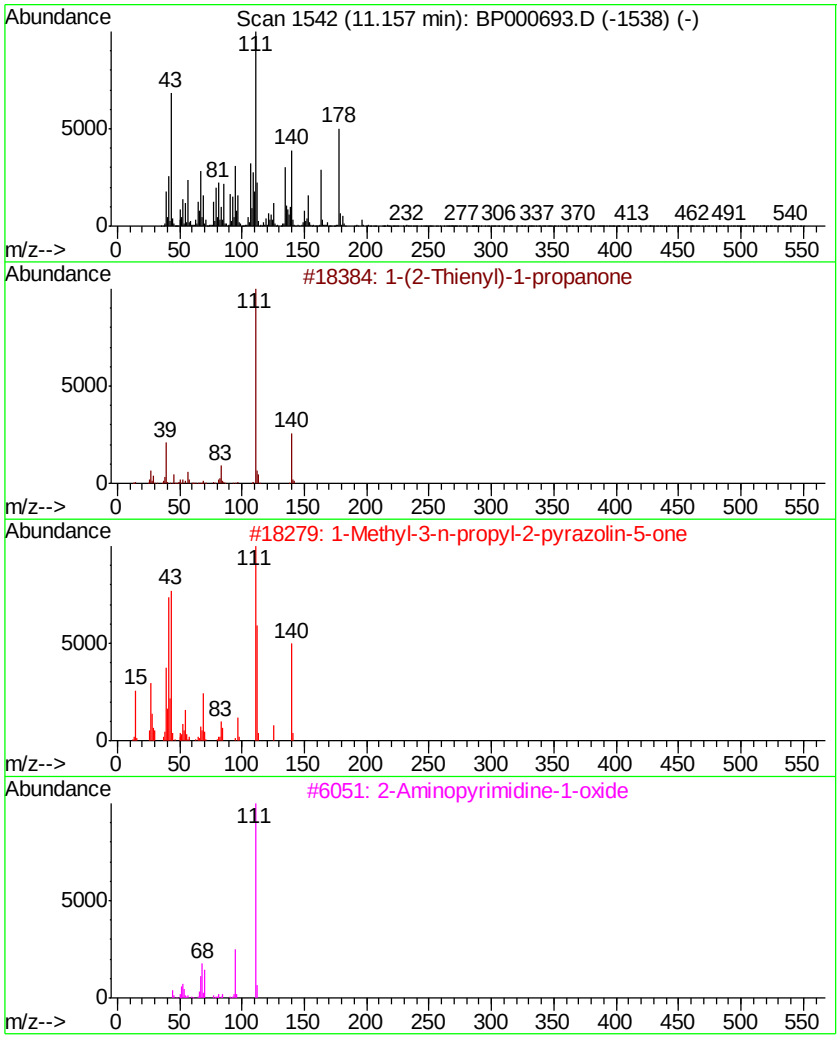
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

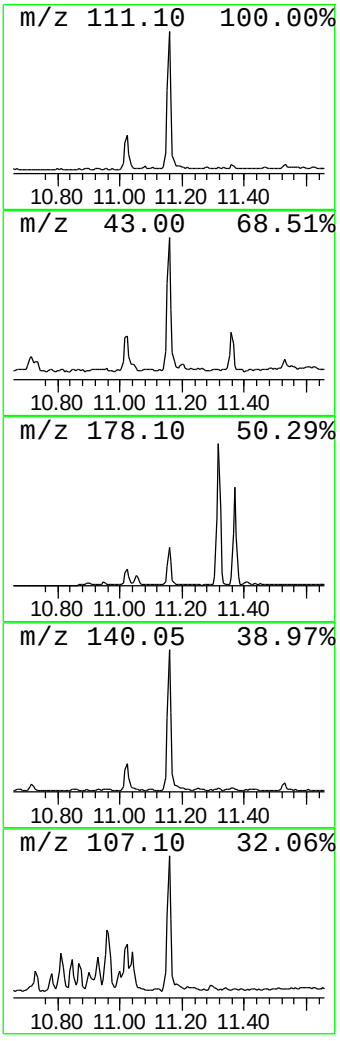
****

Peak Number 4 unknown11.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	5.68 ng	569613	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	27
2	1-Methyl-3-n-propyl-2-pyrazolin-...	140	C7H12N2O	031272-04-5	27
3	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	22
4	Spiro[4.5]decan-6-one	152	C10H16O	013388-94-8	22
5	4-Pyridinol-1-oxide	111	C5H5NO2	006890-62-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

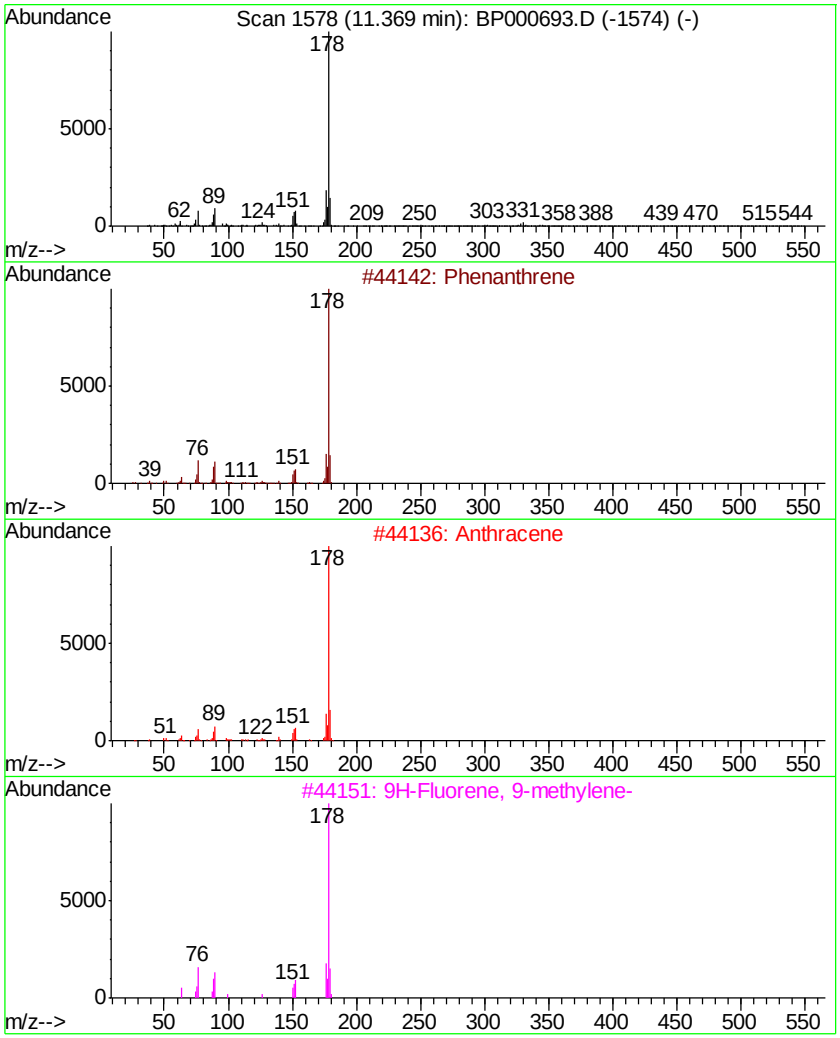
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

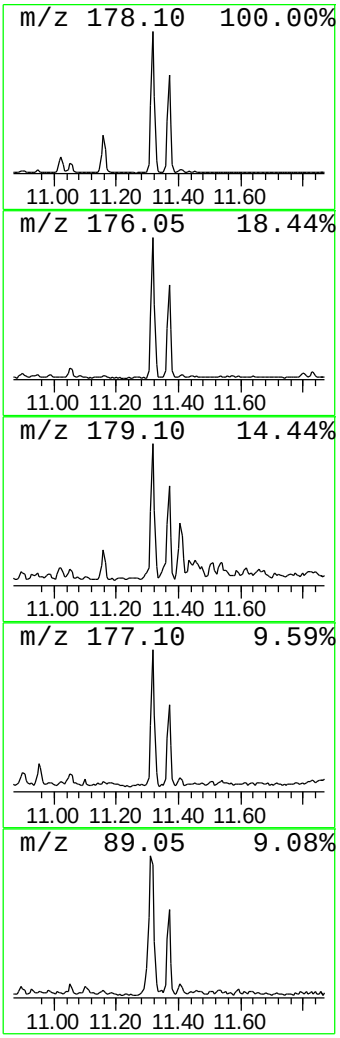
****

Peak Number 5 9H-Fluorene, 9-methylene- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.36 ng	236605	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene	178	C14H10	000085-01-8	93
2	Anthracene	178	C14H10	000120-12-7	93
3	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	90
4	Diphenylacetylene	178	C14H10	000501-65-5	87
5	2-Cyclopropen-1-one, 2,3-diphenyl-	206	C15H10O	000886-38-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

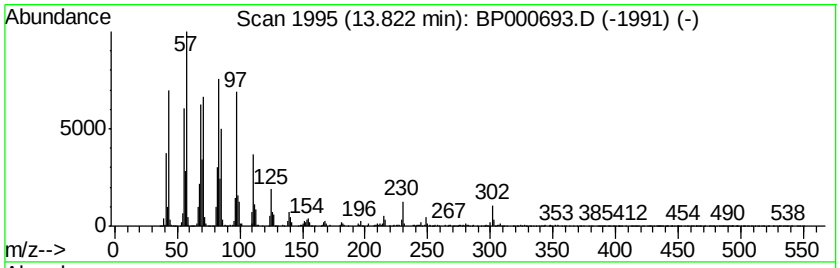
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

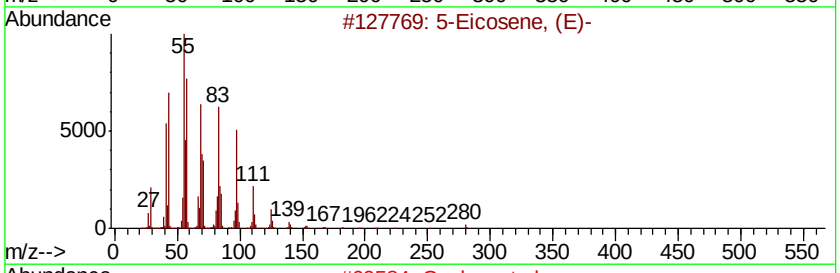
****

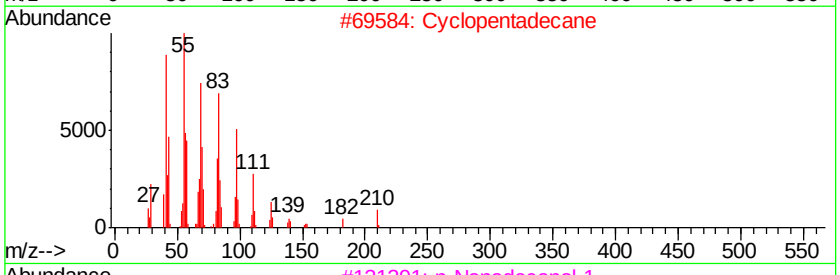
Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

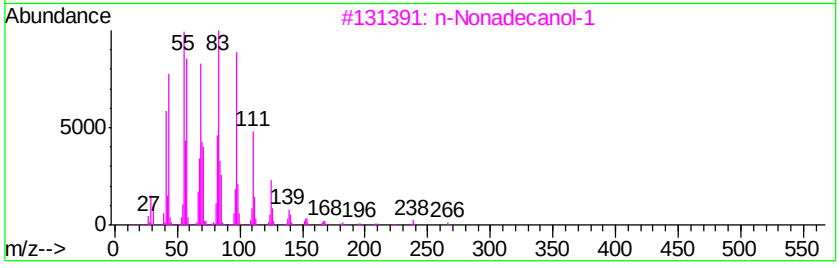
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.24 ng	586803	Chrysene-d12	13.97

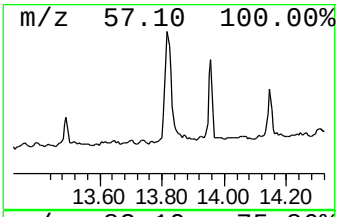
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94

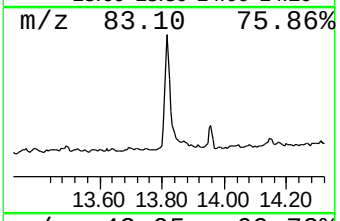


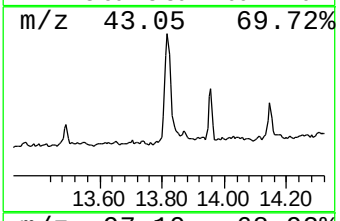


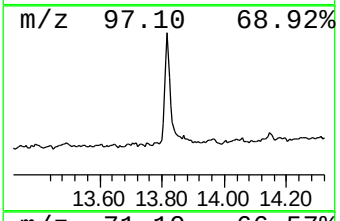


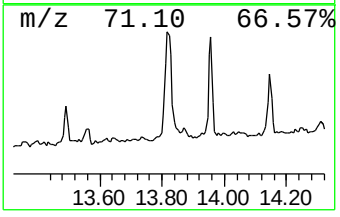












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

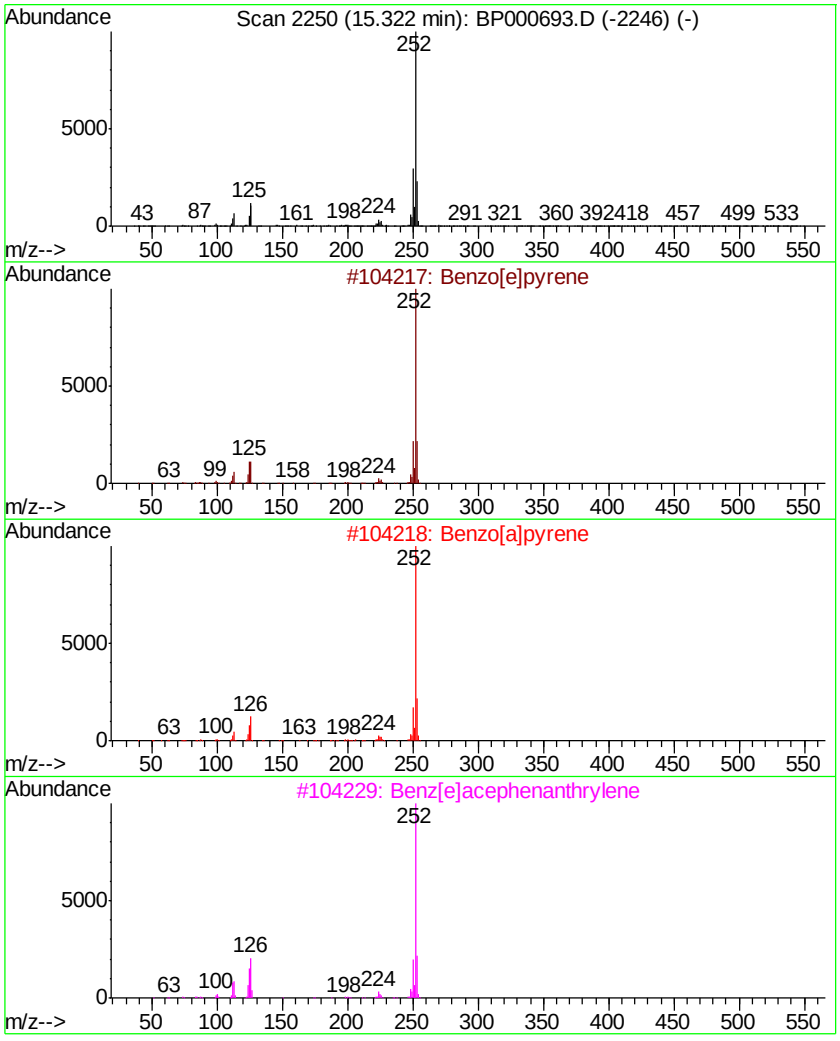
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

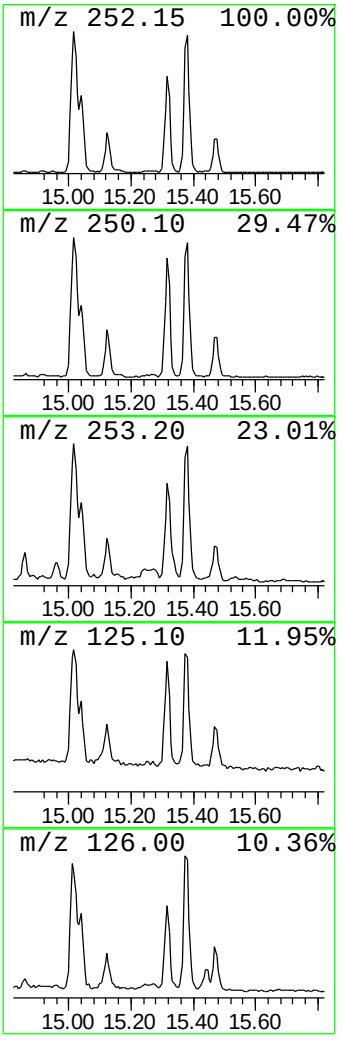
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	4.13 ng	385166	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101319\
Data File : BP000693.D
Acq On : 13 Oct 2019 01:38
Operator : JU
Sample : K5348-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190826-COMPOSITE-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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
unknown4.95	4.95	23.9	ng	1420700	1	6.75	1190610	20.0
unknown6.52	6.52	33.6	ng	2002660	1	6.75	1190610	20.0
unknown11.16	11.16	5.7	ng	569613	4	11.29	2005000	20.0
9H-Fluorene, 9-me...	11.37	2.4	ng	236605	4	11.29	2005000	20.0
5-Eicosene, (E)-	13.82	4.2	ng	586803	5	13.97	2770970	20.0
Benzo[e]pyrene	15.32	4.1	ng	385166	6	15.45	1866750	20.0