LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

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-BF012020.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	2.116	3	5	11	rVB	622627	680421	23.07%	1.470%
2	2.222	19	23	29	rVB2	24930	37336	1.27%	0.081%
3	5.069	501	507	513	rVB2	41743	52804	1.79%	0.114%
4	5.481	569	577	580	rBV	2772038	2691854	91.29%	5.815%
5	6.487	743	748	762	rBV	3065716	2746072	93.13%	5.932%
6	6.863	808	812	815	rBV	2045074	1602335	54.34%	3.462%
7	7.022	835	839	842	rVB	2544383	2282622	77.41%	4.931%
8	7.416	898	906	910	rBV	1924353	1678463	56.92%	3.626%
9	8.145	1026	1030	1033	rBV	2506844	2021450	68.55%	4.367%
10	8.575	1099	1103	1105	rBV	34805	34825	1.18%	0.075%
11	8.857	1146	1151	1154	rVB2	43105	50620	1.72%	0.109%
12	9.169	1202	1204	1208	rBV3	38343	38056	1.29%	0.082%
13	9.216	1208	1212	1216	rBV	3599210	2948748	100.00%	6.370%
14	9.304	1224	1227	1231	rBV2	68147	88214	2.99%	0.191%
15	9.486	1254	1258	1261	rBV	32083	51947	1.76%	0.112%
16	9.557	1267	1270	1272	rBV	56847	50268	1.70%	0.109%
17	9.610	1276	1279	1284	rVV	476125	444132	15.06%	0.959%
18	9.757	1301	1304	1309	rBV	108201	114159	3.87%	0.247%
19	9.898	1322	1328	1331	rBV	2818372	2396164	81.26%	5.176%
20	9.927	1331	1333	1337	rVB	118490	102336	3.47%	0.221%
21	10.098	1359	1362	1365	rVB	137953	113404	3.85%	0.245%
22	10.216	1379	1382	1384	rBV	33671	38012	1.29%	0.082%
23	10.310	1394	1398	1400	rBV3	38936	54243	1.84%	0.117%
24	10.333	1400	1402	1404	rVB	59102	43951	1.49%	0.095%
25	10.445	1417	1421	1426	rBV	283584	276589	9.38%	0.598%
26	10.557	1437	1440	1442	rVB2	51106	48433	1.64%	0.105%
27	10.604	1445	1448	1452	rVB	80943	78166	2.65%	0.169%
28	10.680	1457	1461	1465	rBV	2088663	1789968	60.70%	3.867%
29	10.804	1479	1482	1484	rBV3	112219	129649	4.40%	0.280%
30	10.992	1511	1514	1517	rBV2	64034	65119	2.21%	0.141%
31	11.186	1544	1547	1551	rVB3	41852	47788	1.62%	0.103%
32	11.227	1552	1554	1556	rVV	44598	53416	1.81%	0.115%
33	11.251	1556	1558	1560	rVV2	91407	89088	3.02%	0.192%
34	11.280	1560	1563	1568	rVB2	165050	195752	6.64%	0.423%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.380	1576	1580	1582	rBV	2330088	2100464	71.23%	4.538%
36	11.404	1582	1584	1588	rVV	2392986	1941677	65.85%	4.195%
37	11.457	1588	1593	1596	rVV	652606	594937	20.18%	1.285%
38	11.486	1596	1598	1603	rVV2	36797	49598	1.68%	0.107%
39	11.604	1615	1618	1621	rBV	106849	102242	3.47%	0.221%
40	11.674	1628	1630	1634	rVB	92357	80111	2.72%	0.173%
41	11.710	1634	1636	1639	rBV3	39344	37746	1.28%	0.082%
42	11.880	1662	1665	1667	rBV	238446	203608	6.90%	0.440%
43	11.910	1667	1670	1674	rVB2	491296	471413	15.99%	1.018%
44	11.957	1675	1678	1681	rVB	103175	87779	2.98%	0.190%
45	11.992	1681	1684	1687	rBV	454551	480516	16.30%	1.038%
46	12.086	1697	1700	1702	rVB2	66749	62411	2.12%	0.135%
47	12.174	1713	1715	1717	rBV	170454	132101	4.48%	0.285%
48	12.427	1755	1758	1762	rBV2	143029	159797	5.42%	0.345%
49	12.469	1763	1765	1770	rVB3	105689	125992	4.27%	0.272%
50	12.592	1782	1786	1790	rBV	2983515	2548543	86.43%	5.506%
51	12.686	1800	1802	1805	rBV2	127116	130552	4.43%	0.282%
52	12.821	1819	1825	1828	rBV	2190900	2268607	76.93%	4.901%
53	12.939	1842	1845	1846	rBV	142787	141371	4.79%	0.305%
54	12.963	1846	1849	1856	rVB	2640537	2424062	82.21%	5.237%
55	13.145	1878	1880	1883	rVB	314038	290528	9.85%	0.628%
56	13.216	1889	1892	1894	rVB	267906	245928	8.34%	0.531%
57	13.251	1895	1898	1901	rBV2	171496	176178	5.97%	0.381%
58	13.857	1998	2001	2008	rVB3	332332	358046	12.14%	0.773%
59	14.015	2023	2028	2030	rBV2	2091662	2729650	92.57%	5.897%
60	14.039	2030	2032	2038	rVB	980083	842239	28.56%	1.820%
61	15.057	2201	2205	2208	rBV	775876	1245454	42.24%	2.691%
62	15.357	2253	2256	2262	rVB	525847	726358	24.63%	1.569%
63	15.421	2263	2267	2270	rBV	645464	833200	28.26%	1.800%
64	15.486	2274	2278	2281	rBV	1288328	1562045	52.97%	3.375%

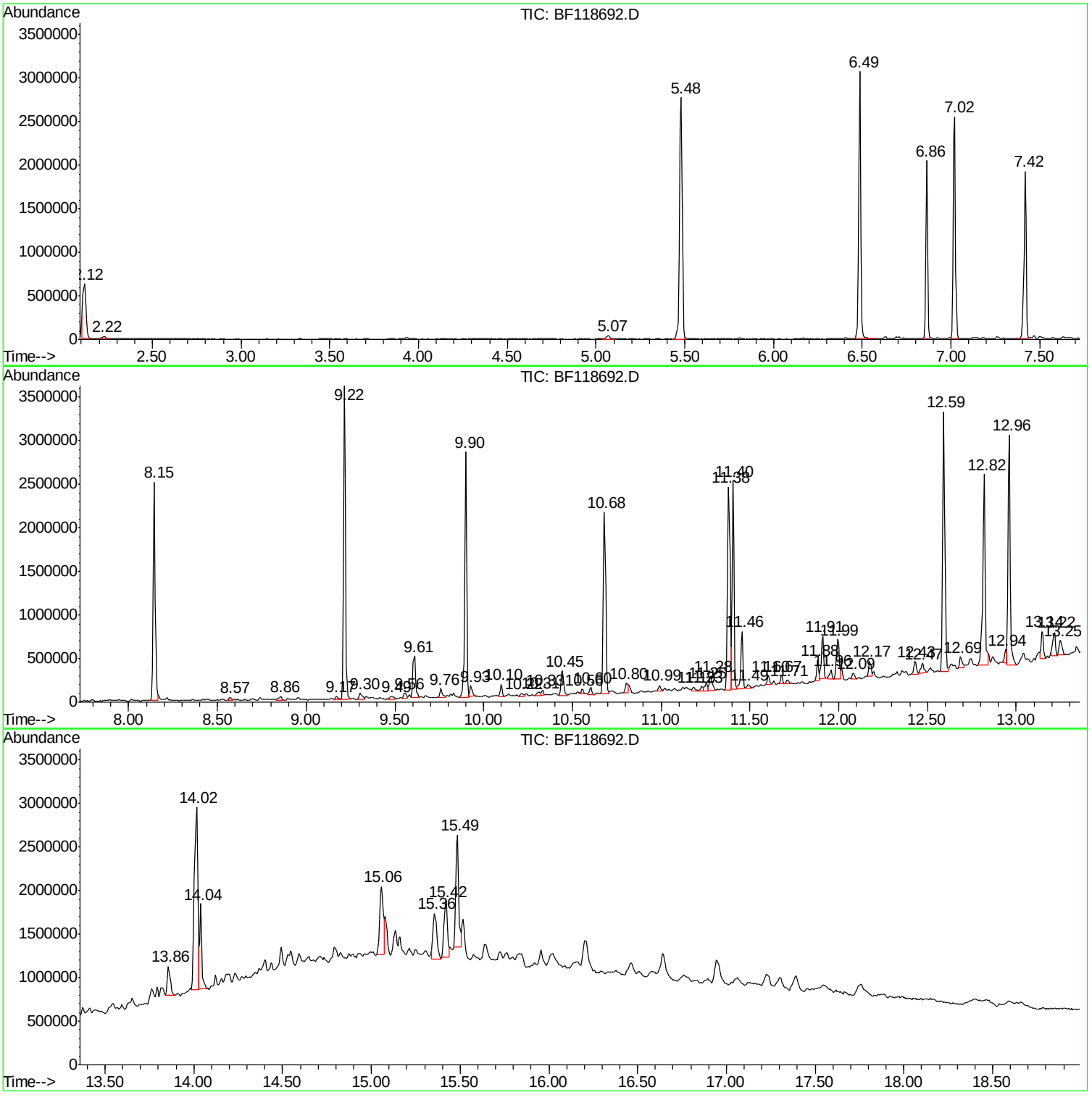
Sum of corrected areas: 46289557

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

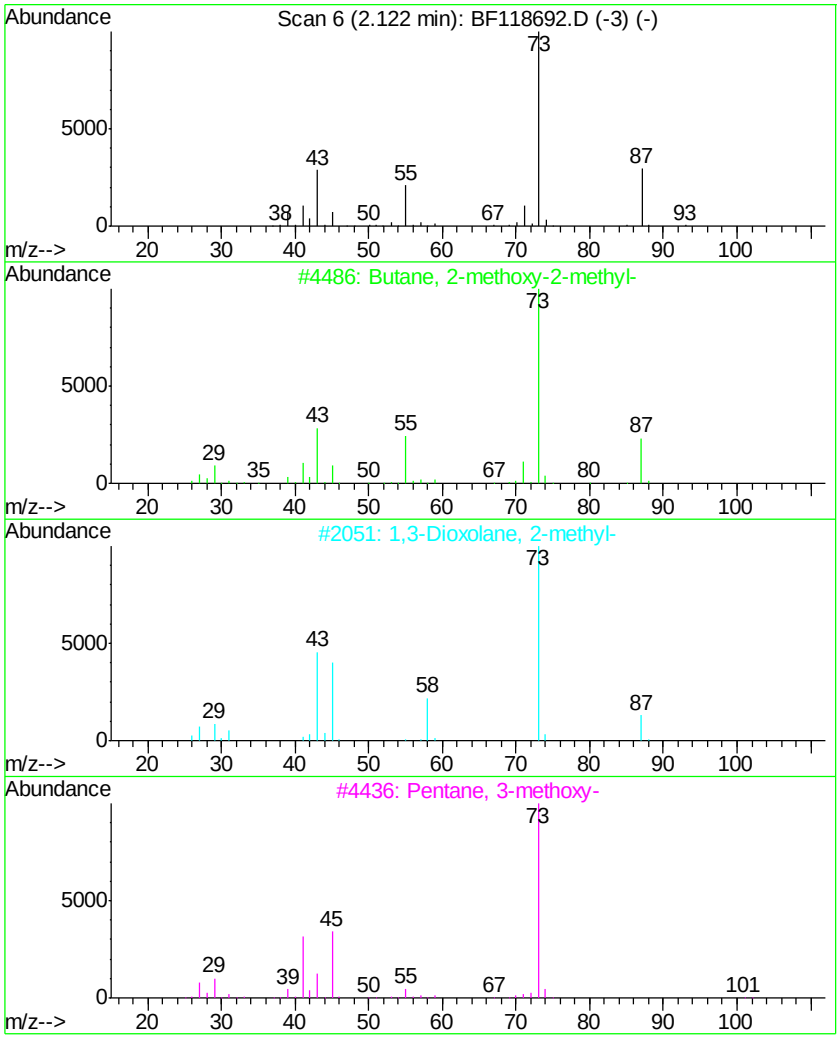
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

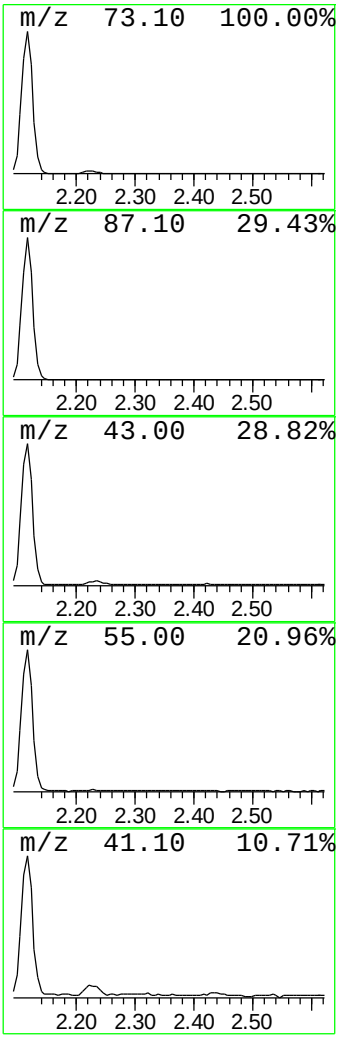
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	8.49 ng	680421	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

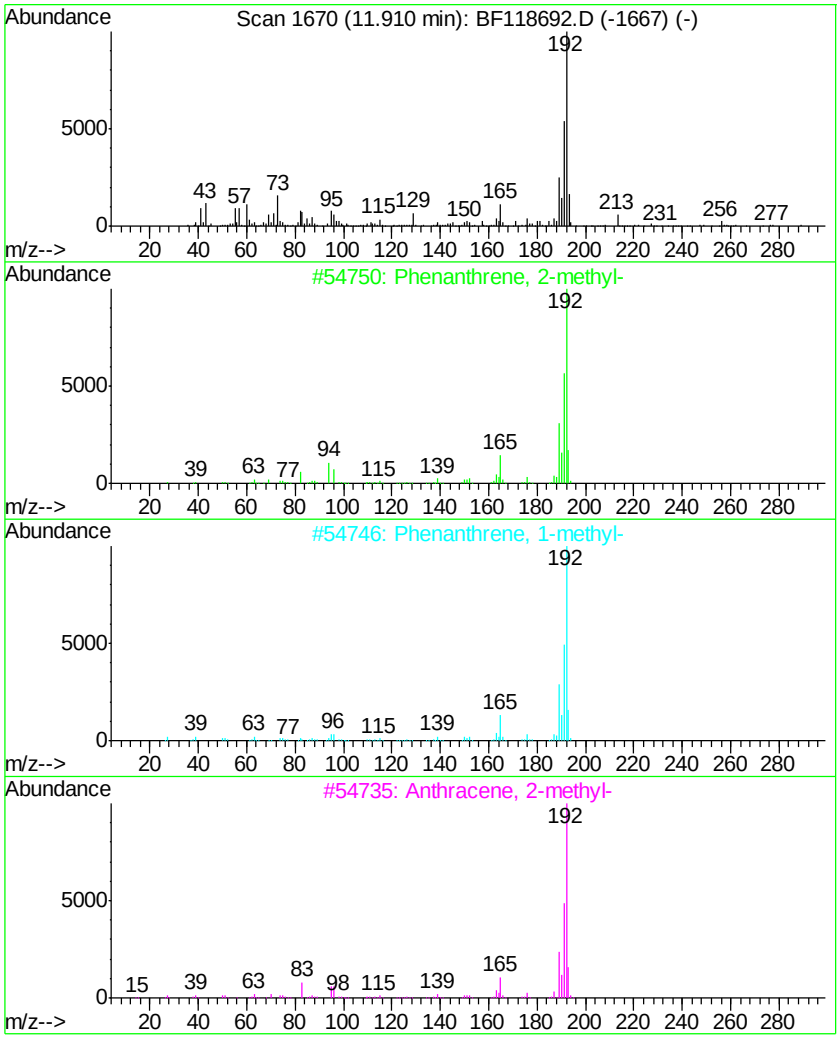
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

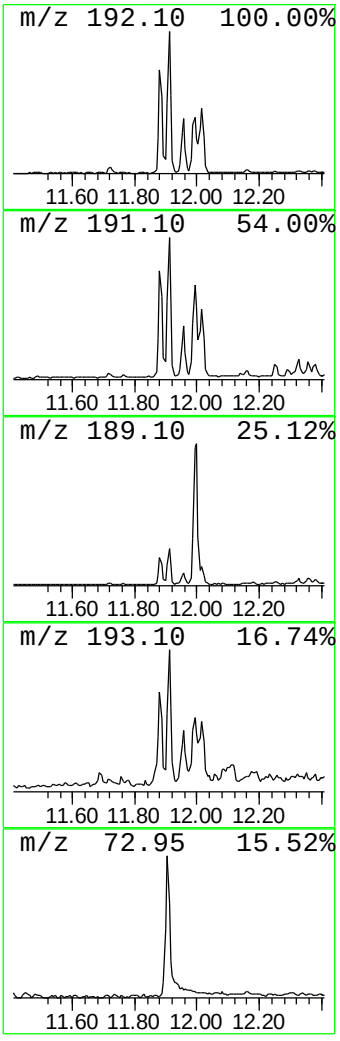
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.49 ng	471413	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

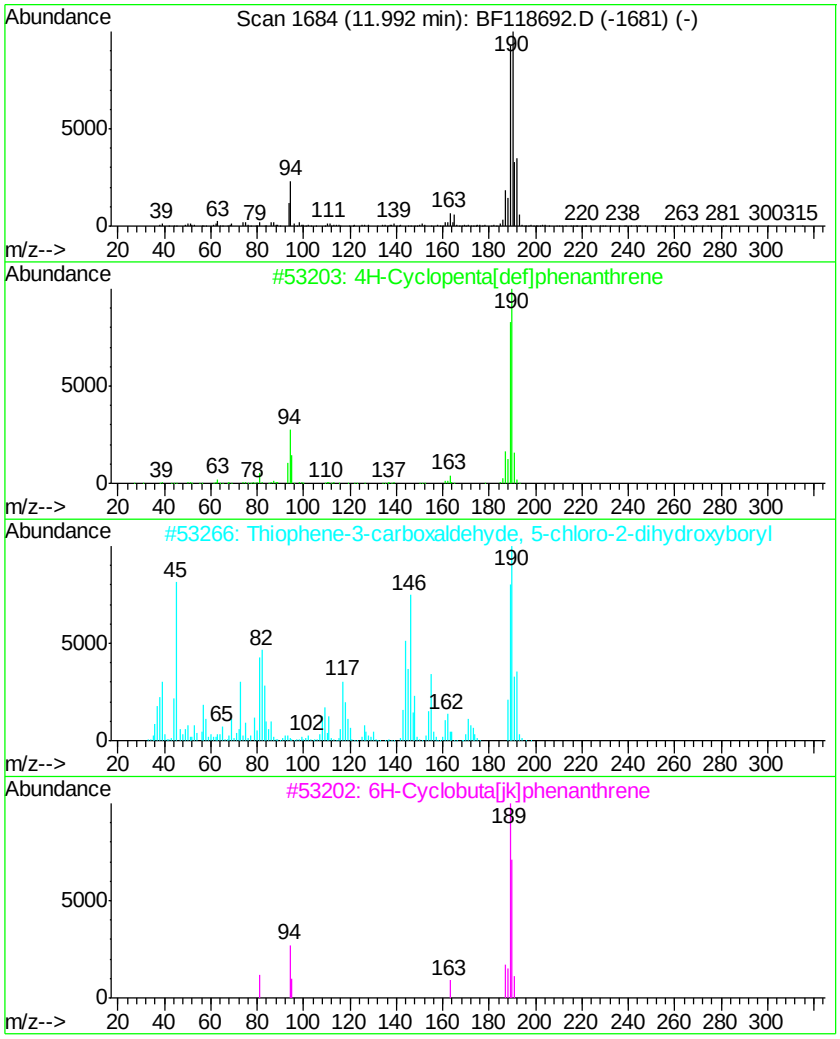
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

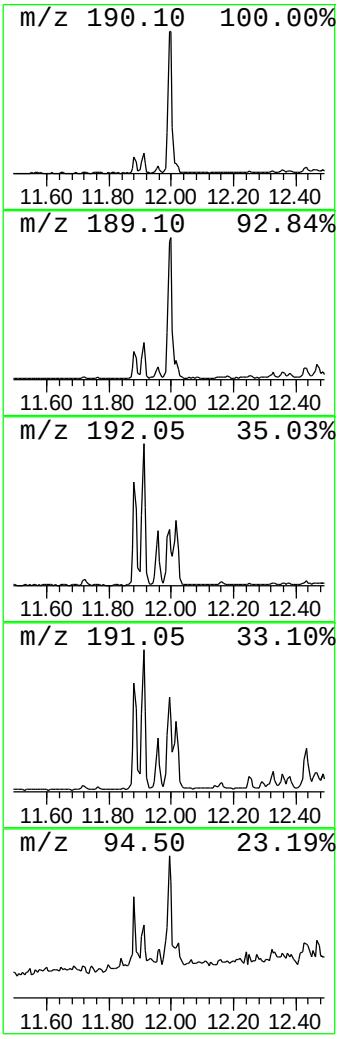
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.58 ng	480516	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

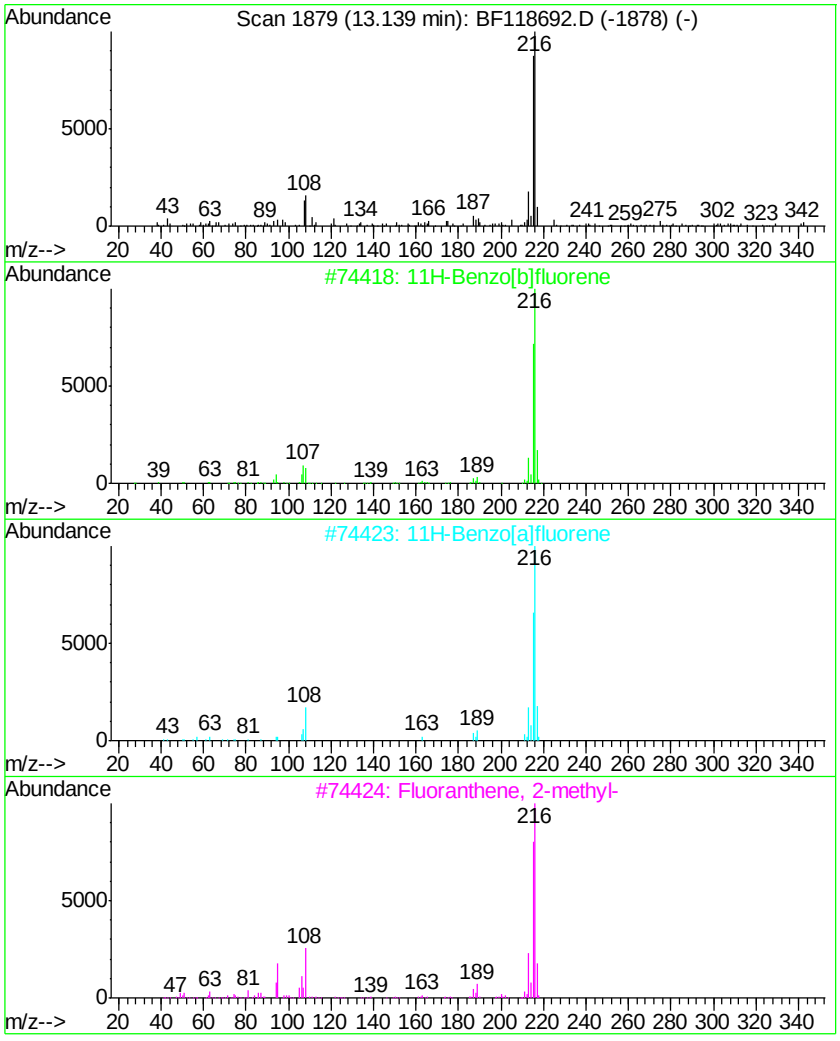
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

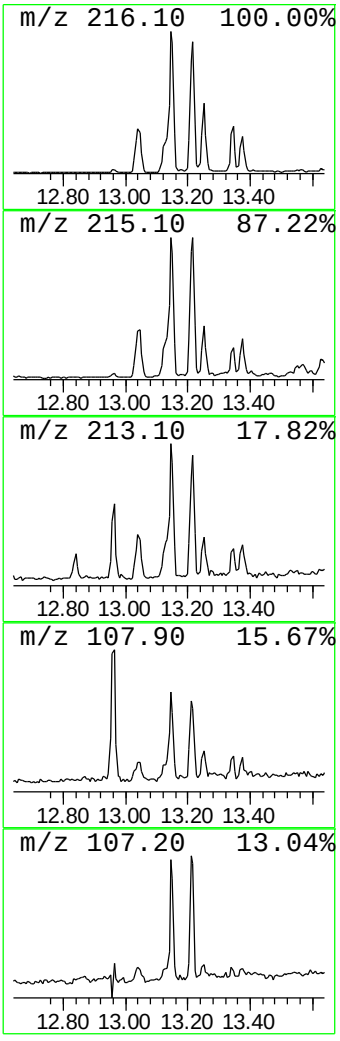
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.13 ng	290528	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

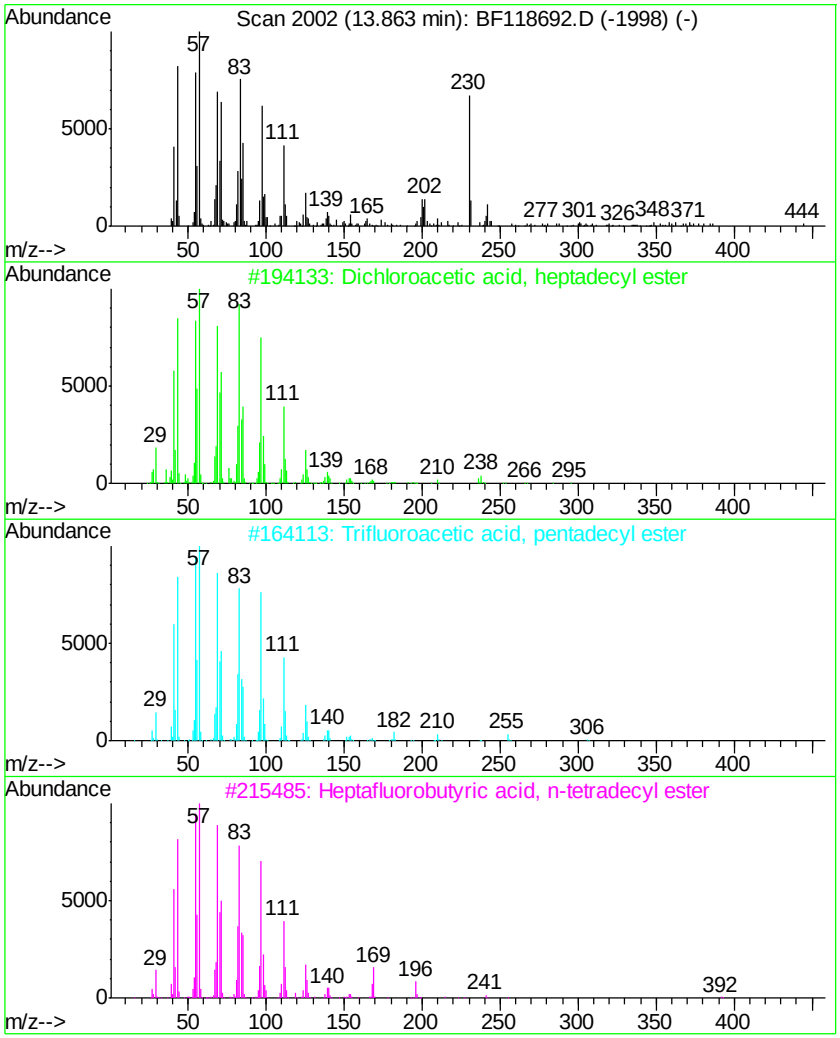
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

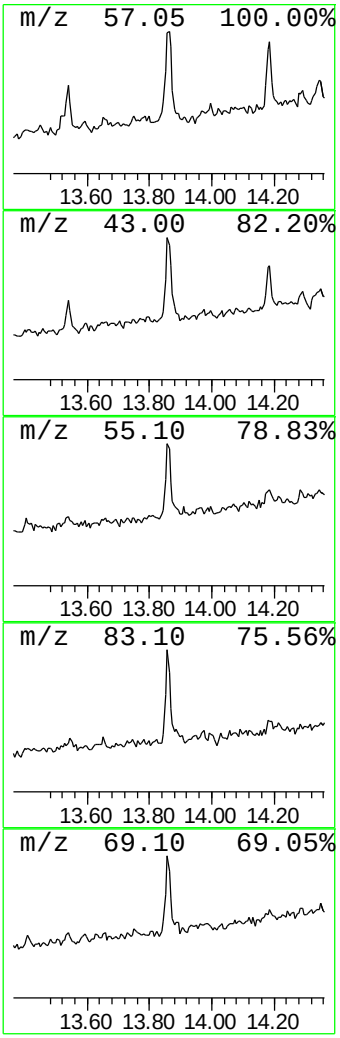
****

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.62 ng	358046	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	86
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	86
4	Behenic alcohol	326	C22H46O	000661-19-8	70
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

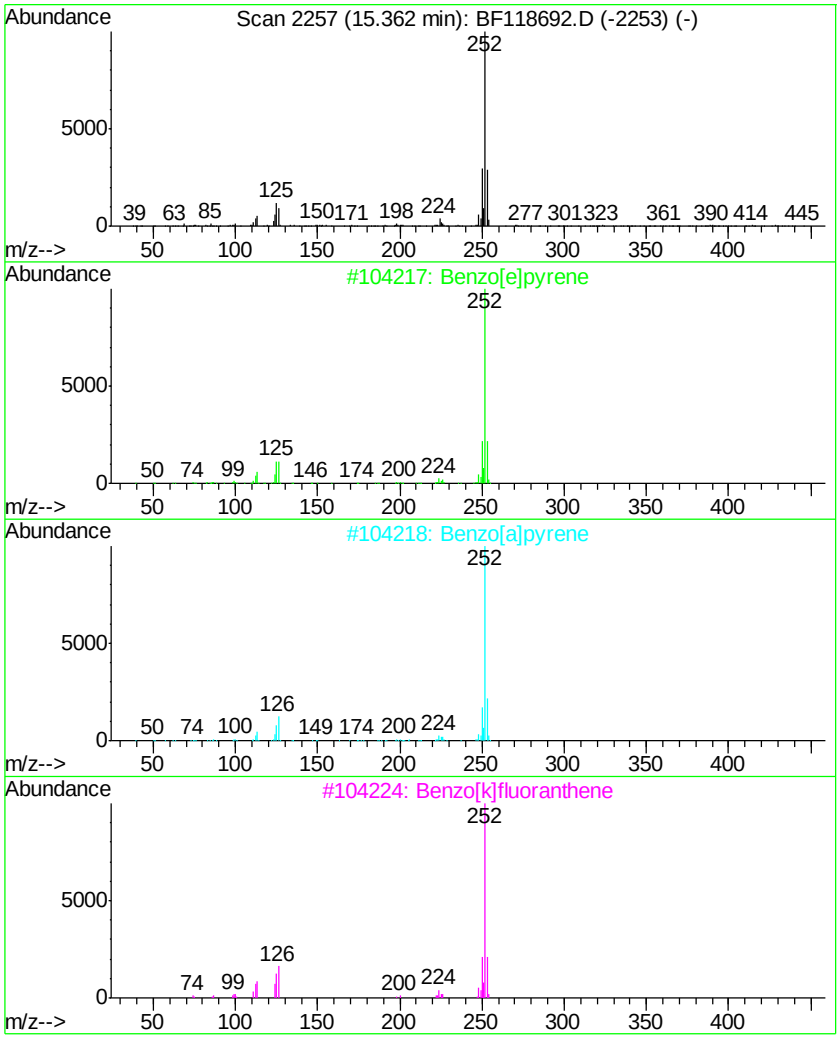
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

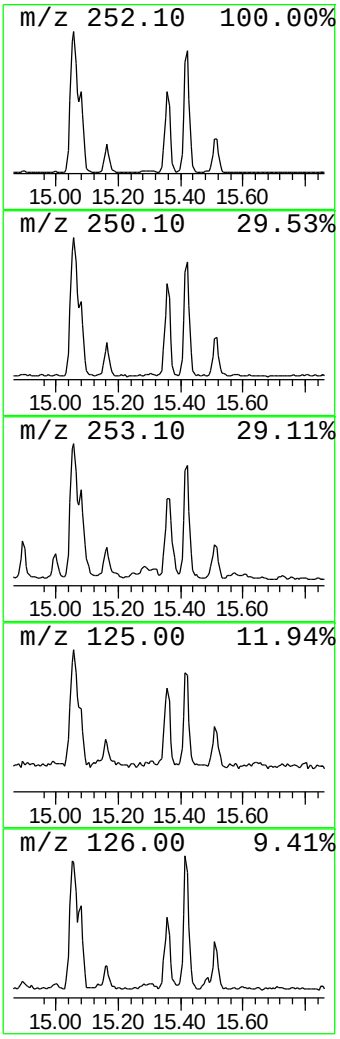
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	9.30 ng	726358	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.12	8.5	ng	680421	1	6.86	1602340	20.0
Phenanthrene, 2-m...	11.91	4.5	ng	471413	4	11.38	2100460	20.0
4H-Cyclopenta[def...	11.99	4.6	ng	480516	4	11.38	2100460	20.0
11H-Benzo[b]fluorene	13.14	2.1	ng	290528	5	14.02	2729650	20.0
Dichloroacetic ac...	13.86	2.6	ng	358046	5	14.02	2729650	20.0
Benzo[e]pyrene	15.36	9.3	ng	726358	6	15.49	1562050	20.0