LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-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-BP071020.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	4.717	305	311	318	rBV	54305	79917	1.98%	0.202%
2	5.187	384	391	409	rBV	1804430	2765027	68.45%	6.981%
3	6.764	652	659	671	rBV	1713910	2850320	70.56%	7.197%
4	6.864	671	676	687	rVB	59998	120133	2.97%	0.303%
5	7.558	787	794	804	rBV	620161	983156	24.34%	2.482%
6	8.705	973	989	1003	rBV	1043757	1846071	45.70%	4.661%
7	10.334	1256	1266	1272	rBV	786134	1392122	34.46%	3.515%
8	11.393	1439	1446	1453	rBV3	26175	60610	1.50%	0.153%
9	11.799	1506	1515	1521	rBV	34558	69237	1.71%	0.175%
10	12.010	1542	1551	1560	rVB3	28230	76379	1.89%	0.193%
11	12.769	1675	1680	1683	rBV3	27980	41911	1.04%	0.106%
12	12.822	1683	1689	1700	rVV	2386677	3702626	91.65%	9.349%
13	13.057	1726	1729	1737	rVB	36851	55423	1.37%	0.140%
14	13.140	1737	1743	1749	rVB5	18471	53196	1.32%	0.134%
15	13.375	1777	1783	1792	rBV2	38715	96913	2.40%	0.245%
16	13.534	1805	1810	1815	rBV	51362	79652	1.97%	0.201%
17	13.587	1815	1819	1824	rVB2	39253	59011	1.46%	0.149%
18	13.675	1828	1834	1840	rVV	1188929	1692383	41.89%	4.273%
19	13.728	1840	1843	1846	rVB3	31147	40808	1.01%	0.103%
20	13.934	1873	1878	1884	rBV2	76494	127688	3.16%	0.322%
21	14.146	1910	1914	1918	rBV	60593	80899	2.00%	0.204%
22	14.210	1918	1925	1932	rVV	1162487	1791525	44.35%	4.523%
23	14.275	1932	1936	1945	rVB	106698	174332	4.32%	0.440%
24	14.428	1958	1962	1970	rBV4	21686	55710	1.38%	0.141%
25	14.616	1988	1994	2003	rVB3	71722	142296	3.52%	0.359%
26	14.698	2005	2008	2013	rVB	40767	59316	1.47%	0.150%
27	14.769	2016	2020	2025	rVB5	30827	49898	1.24%	0.126%
28	14.840	2028	2032	2037	rBV2	41704	74824	1.85%	0.189%
29	14.898	2038	2042	2046	rVB	32535	46861	1.16%	0.118%
30	15.040	2064	2066	2071	rVB2	63678	78454	1.94%	0.198%
31	15.104	2073	2077	2082	rVB2	76957	96451	2.39%	0.244%
32	15.269	2100	2105	2110	rBV	135644	198215	4.91%	0.500%
33	15.516	2144	2147	2151	rVB2	52090	73262	1.81%	0.185%
34	15.716	2175	2181	2190	rBV	1647779	2455532	60.78%	6.200%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-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-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.969	2220	2224	2227	rBV2	96624	134038	3.32%	0.338%
36	16.334	2283	2286	2291	rVB3	39178	55003	1.36%	0.139%
37	16.634	2333	2337	2346	rVB3	44279	78577	1.95%	0.198%
38	16.769	2356	2360	2366	rBV2	88564	186971	4.63%	0.472%
39	16.822	2366	2369	2377	rVB	72402	110654	2.74%	0.279%
40	16.975	2389	2395	2398	rBV	1295186	1907537	47.22%	4.816%
41	17.016	2398	2402	2408	rVB	1002616	1425222	35.28%	3.599%
42	17.104	2413	2417	2423	rVB	323164	451761	11.18%	1.141%
43	17.381	2461	2464	2469	rVB	64266	86593	2.14%	0.219%
44	17.510	2482	2486	2489	rBV2	93275	114294	2.83%	0.289%
45	17.851	2540	2544	2548	rBV	156365	207664	5.14%	0.524%
46	17.898	2548	2552	2557	rVB	240644	311982	7.72%	0.788%
47	17.975	2562	2565	2570	rBV	71446	82507	2.04%	0.208%
48	18.039	2571	2576	2580	rBV2	254887	430727	10.66%	1.088%
49	18.186	2598	2601	2606	rVB2	105732	122560	3.03%	0.309%
50	18.339	2624	2627	2630	rBV	110509	133546	3.31%	0.337%
51	18.634	2674	2677	2680	rBV2	124435	141827	3.51%	0.358%
52	18.745	2694	2696	2700	rVB	109014	128562	3.18%	0.325%
53	18.816	2700	2708	2715	rVB5	240176	560130	13.87%	1.414%
54	18.998	2735	2739	2745	rBV	1536827	1959543	48.51%	4.948%
55	19.351	2792	2799	2809	rBV	1287942	2208256	54.66%	5.576%
56	19.563	2830	2835	2839	rBV	3256963	4039746	100.00%	10.200%
57	19.839	2880	2882	2886	rVB	211052	226725	5.61%	0.572%
58	20.822	3046	3049	3054	rVB2	408182	477673	11.82%	1.206%
59	21.080	3087	3093	3097	rBV2	1435114	2453496	60.73%	6.195%

Sum of corrected areas: 39605752

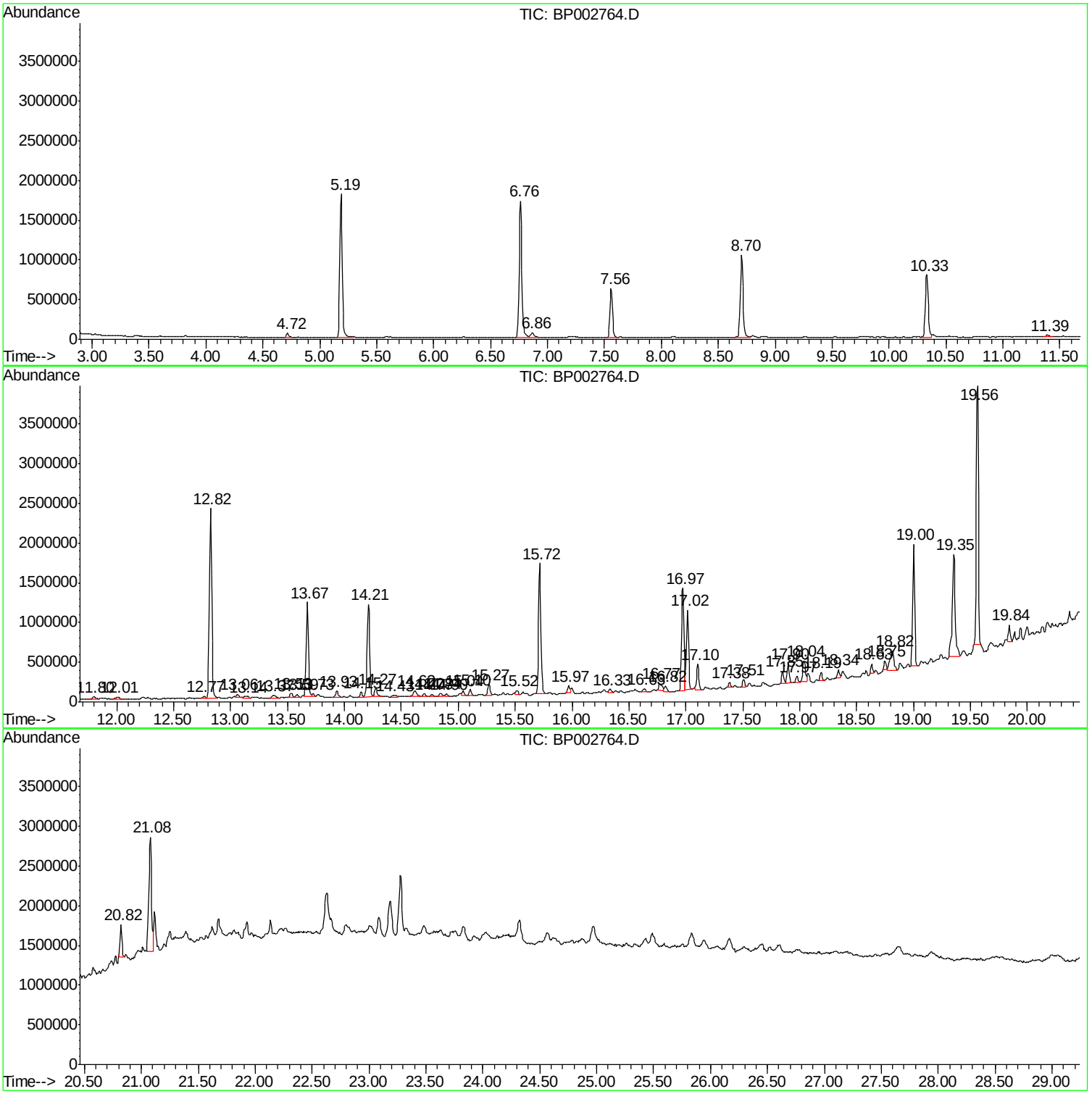
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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 P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

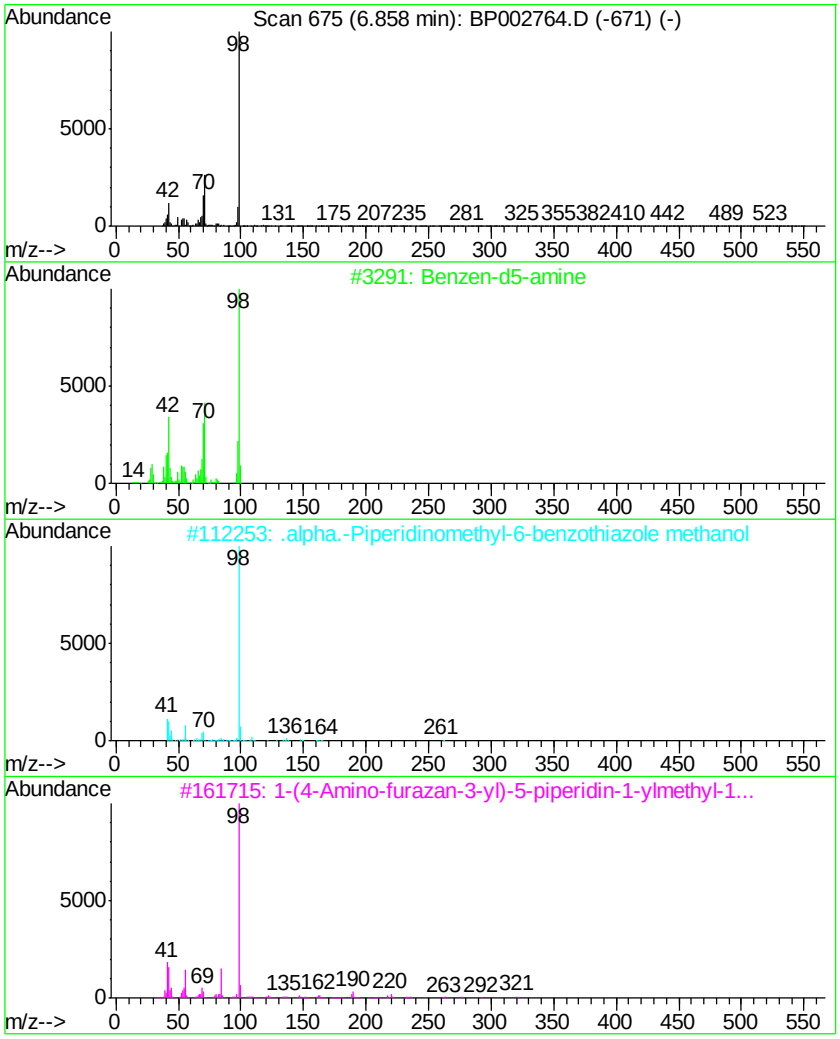
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

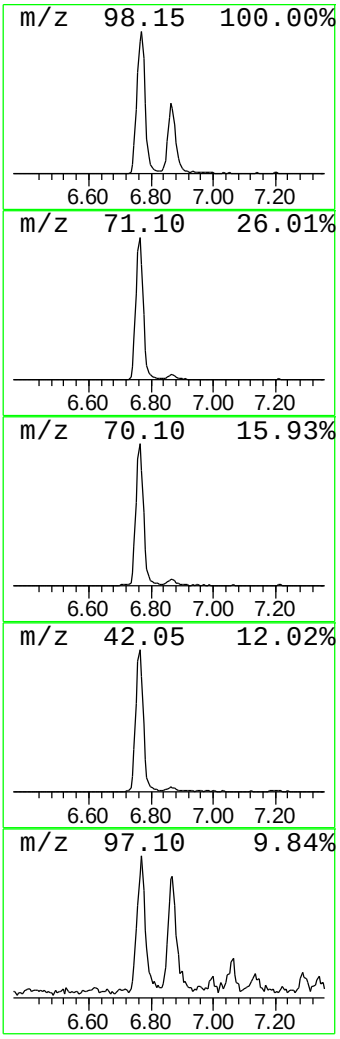
****

Peak Number 1 Benzen-d5-amine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.44 ng	120133	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzen-d5-amine	98	C6H2D5N	004165-61-1	72
2	.alpha.-Piperidinomethyl-6-benzo...	262	C14H18N2OS	016581-47-8	50
3	1-(4-Amino-furazan-3-yl)-5-piper...	321	C13H19N7O3	311314-85-9	50
4	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	50
5	1-((Dicyclohexylphosphorothioyl)...	327	C18H34NPS	1000298-06-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

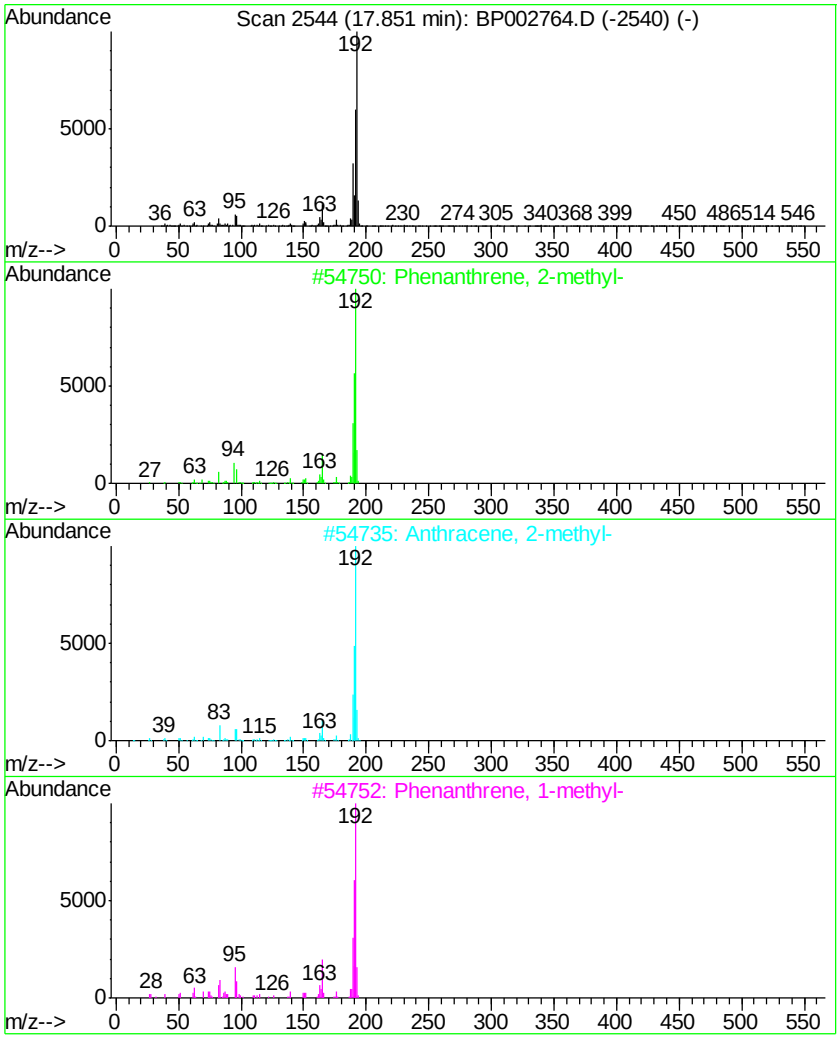
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

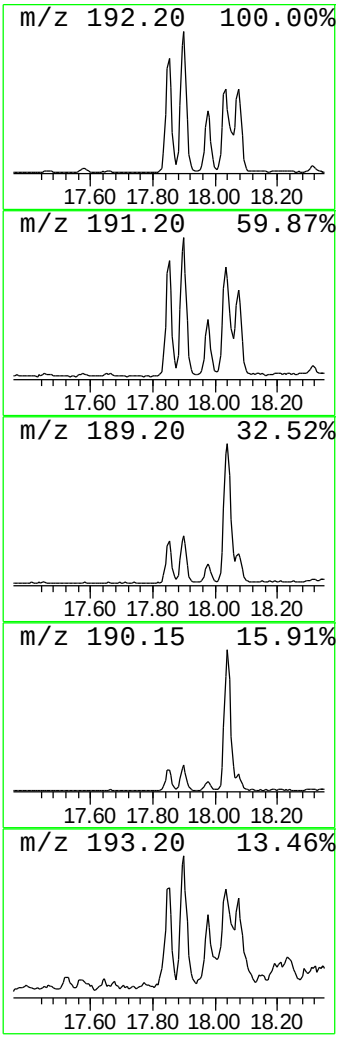
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	2.18 ng	207664	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

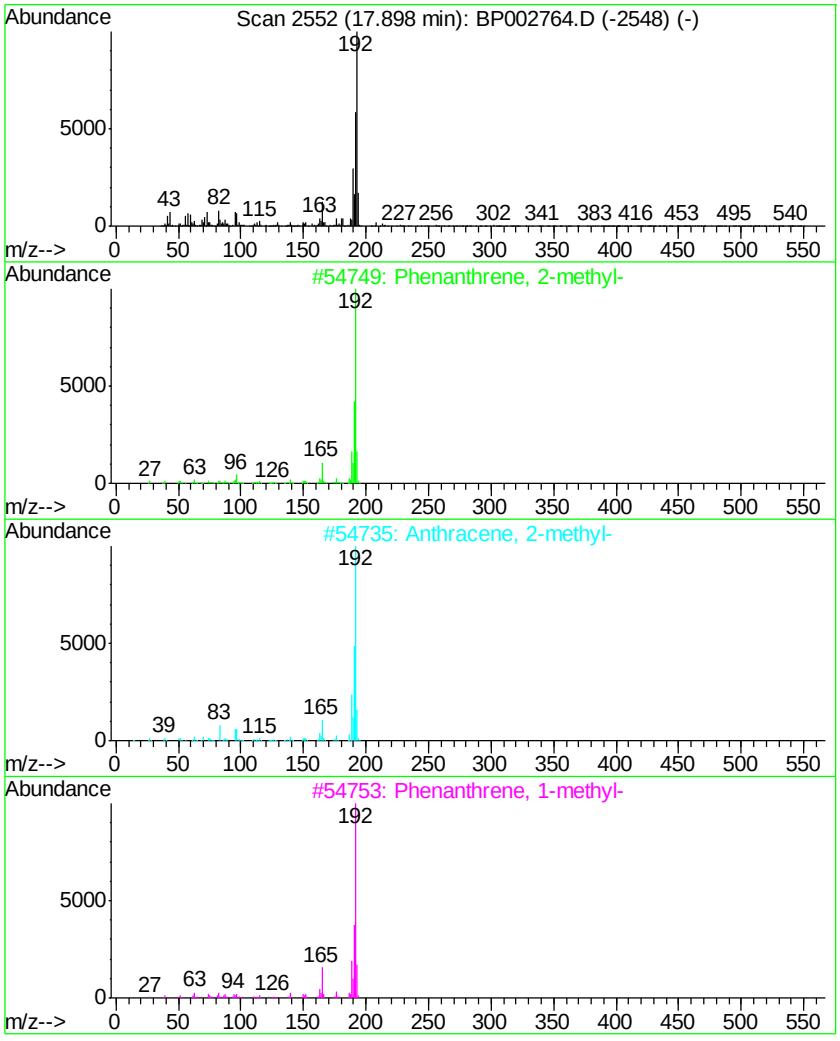
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

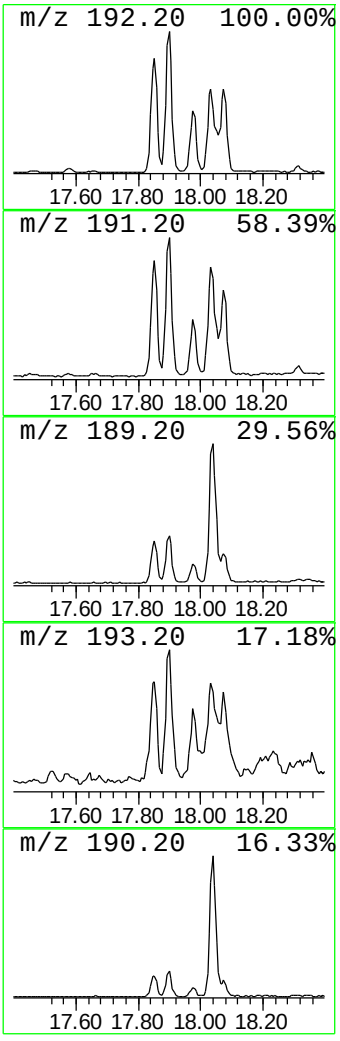
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	3.27 ng	311982	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

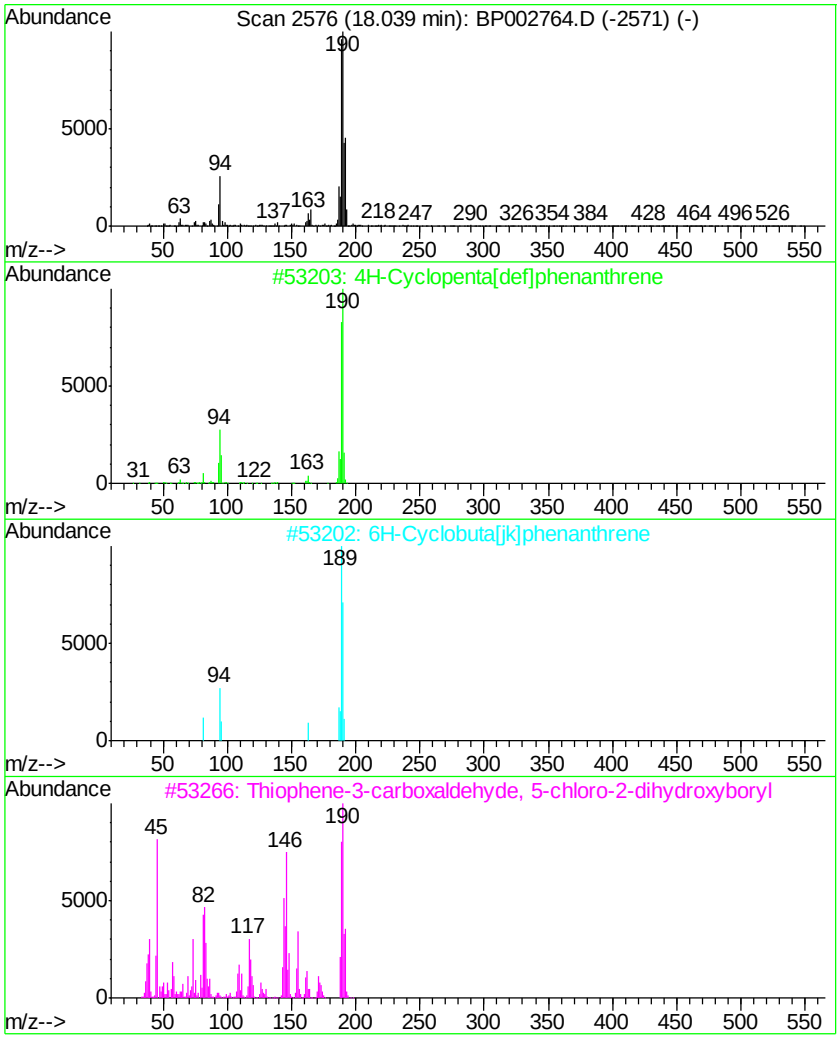
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

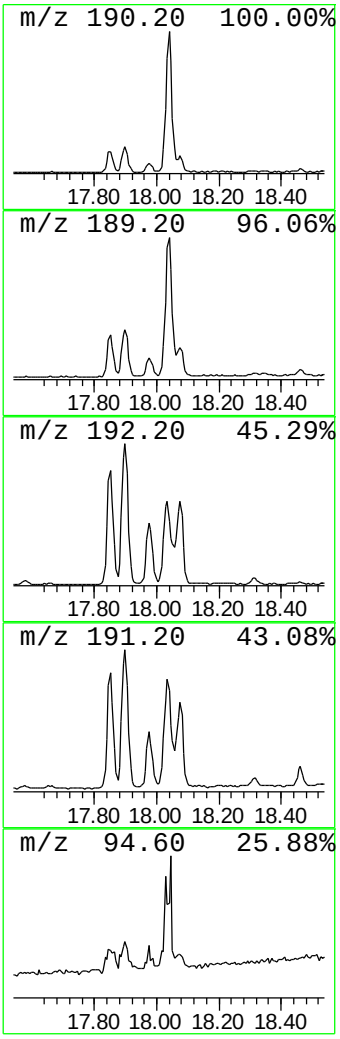
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.52 ng	430727	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

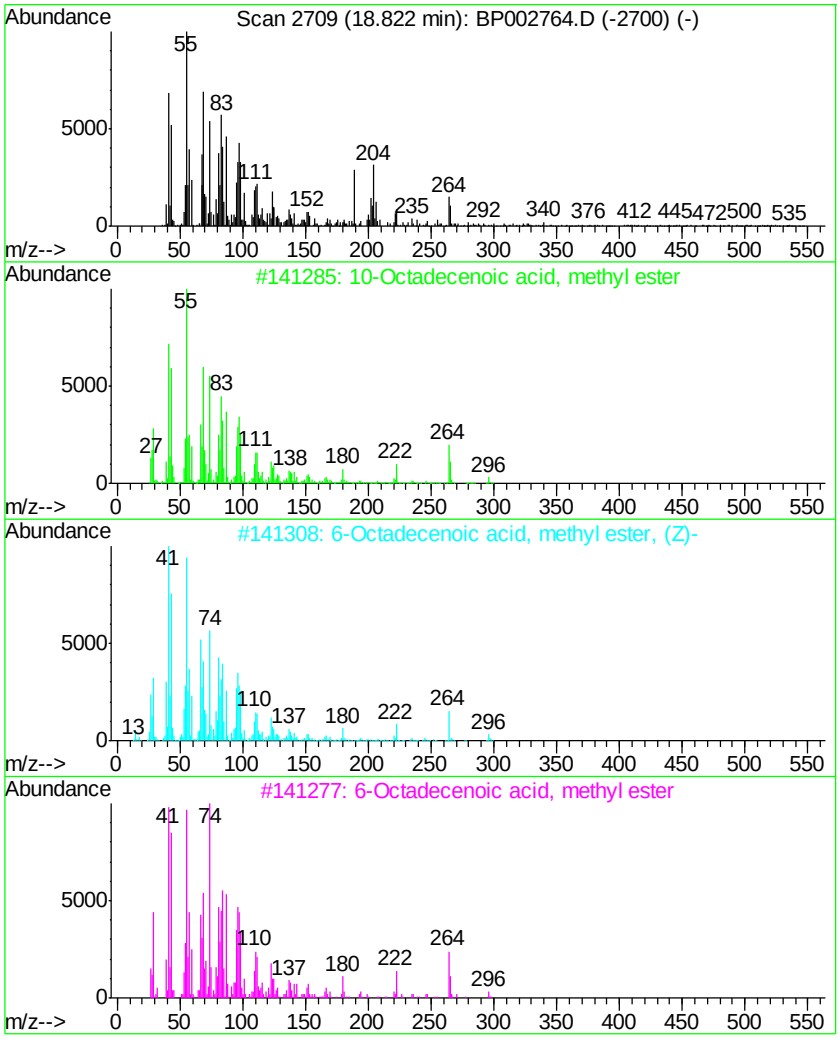
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

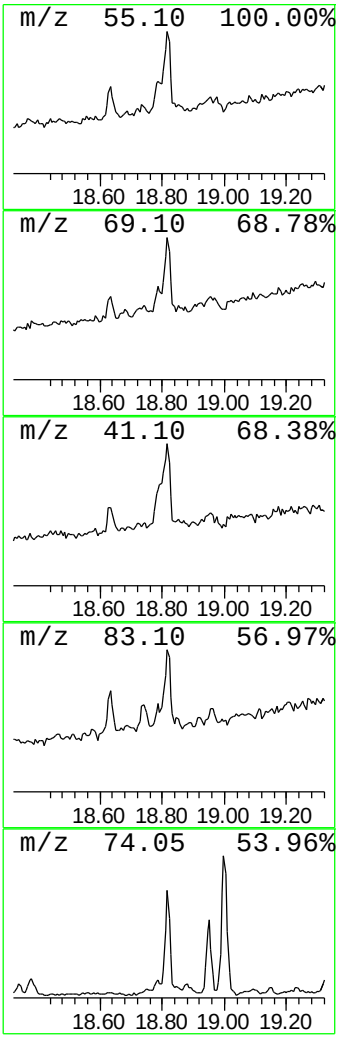
****

Peak Number 5 10-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	5.87 ng	560130	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	97
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	92
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	80
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	78
5	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

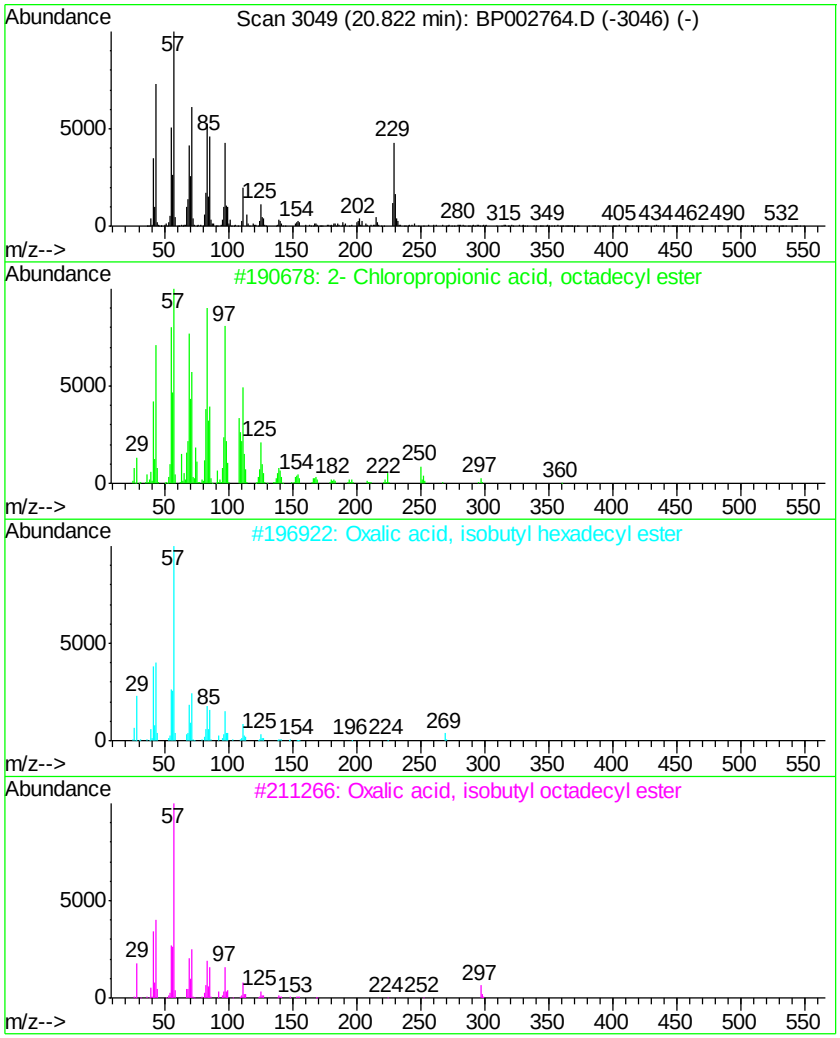
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

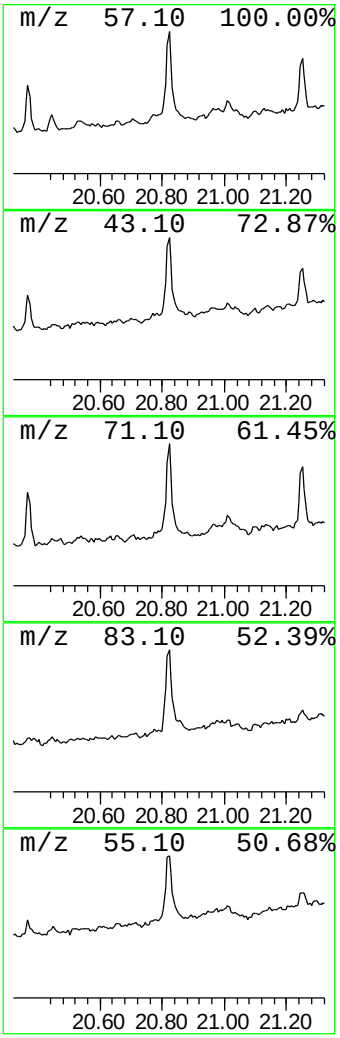
****

Peak Number 6 2- Chloropropionic acid, oc... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.89 ng	477673	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	70
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	68
4	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	58
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP071520\
Data File : BP002764.D
Acq On : 15 Jul 2020 20:45
Operator : CG/JU
Sample : L3303-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-014-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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
Benzen-d5-amine	6.86	2.4	ng	120133	1	7.56	983156	20.0
Phenanthrene, 2-m...	17.85	2.2	ng	207664	4	16.97	1907540	20.0
Anthracene, 2-met...	17.90	3.3	ng	311982	4	16.97	1907540	20.0
4H-Cyclopenta[def...	18.04	4.5	ng	430727	4	16.97	1907540	20.0
10-Octadecenoic a...	18.82	5.9	ng	560130	4	16.97	1907540	20.0
2- Chloropropioni...	20.82	3.9	ng	477673	5	21.08	2453500	20.0