LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-07

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\8270E-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.917	3	5	23	rVB	2483537	3360290	100.00%	12.096%
2	3.075	26	32	42	rVB2	66751	140024	4.17%	0.504%
3	3.164	42	47	53	rBV	135606	199797	5.95%	0.719%
4	4.287	233	238	248	rVB	74379	119260	3.55%	0.429%
5	5.263	398	404	415	rBV	523949	757190	22.53%	2.726%
6	5.805	489	496	501	rBV	821678	1308630	38.94%	4.711%
7	6.234	560	569	577	rBV	46812	87732	2.61%	0.316%
8	6.399	592	597	605	rVB	43449	64583	1.92%	0.232%
9	7.346	753	758	763	rBV	36016	52669	1.57%	0.190%
10	7.405	763	768	770	rVV2	28628	44239	1.32%	0.159%
11	7.452	770	776	789	rVB	816346	1431105	42.59%	5.152%
12	7.840	837	842	848	rBV	22091	36989	1.10%	0.133%
13	7.916	848	855	862	rVB2	65153	118978	3.54%	0.428%
14	8.263	908	914	922	rBV	486507	779279	23.19%	2.805%
15	8.399	932	937	946	rVB2	20932	39040	1.16%	0.141%
16	8.822	1004	1009	1021	rBV4	31921	69958	2.08%	0.252%
17	8.922	1021	1026	1032	rVV	26146	40045	1.19%	0.144%
18	9.428	1096	1112	1123	rBV	524625	938045	27.92%	3.377%
19	11.098	1386	1396	1401	rBV	624855	1075179	32.00%	3.870%
20	11.145	1401	1404	1412	rVB	35900	73155	2.18%	0.263%
21	12.734	1666	1674	1680	rBV	19413	35568	1.06%	0.128%
22	13.510	1799	1806	1814	rBV	1163025	1653398	49.20%	5.952%
23	14.316	1937	1943	1949	rBV	149330	224183	6.67%	0.807%
24	14.610	1988	1993	1997	rBV	56615	88142	2.62%	0.317%
25	14.886	2034	2040	2047	rBV2	895730	1338954	39.85%	4.820%
26	15.281	2103	2107	2115	rVB	22467	37178	1.11%	0.134%
27	15.928	2213	2217	2226	rVB2	21726	38933	1.16%	0.140%
28	16.375	2287	2293	2305	rBV	852260	1261028	37.53%	4.539%
29	16.510	2311	2316	2321	rVB	182267	225212	6.70%	0.811%
30	17.275	2442	2446	2454	rBV2	26495	47226	1.41%	0.170%
31	17.351	2456	2459	2466	rVV3	25423	39555	1.18%	0.142%
32	17.510	2482	2486	2491	rVB	73027	92043	2.74%	0.331%
33	17.622	2499	2505	2509	rBV	1075361	1510855	44.96%	5.439%
34	17.663	2509	2512	2519	rVV	377821	515442	15.34%	1.855%
35	17.751	2523	2527	2532	rVB	110035	154412	4.60%	0.556%
36	18.469	2645	2649	2653	rBV	73845	110923	3.30%	0.399%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-07

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\8270E-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.516	2654	2657	2663	rVB	99671	128869	3.84%	0.464%
38	18.592	2667	2670	2676	rBV	44469	59303	1.76%	0.213%
39	18.663	2677	2682	2685	rBV2	77780	137725	4.10%	0.496%
40	18.939	2726	2729	2732	rVB	43232	49603	1.48%	0.179%
41	19.345	2793	2798	2802	rBV2	76125	154201	4.59%	0.555%
42	19.598	2836	2841	2846	rBV	726058	954212	28.40%	3.435%
43	19.916	2892	2895	2897	rBV2	94988	125775	3.74%	0.453%
44	19.951	2897	2901	2908	rVB	708226	933302	27.77%	3.360%
45	20.121	2925	2930	2935	rVB	1594678	2014471	59.95%	7.252%
46	21.145	3101	3104	3109	rVB	178254	228269	6.79%	0.822%
47	21.657	3185	3191	3195	rBV2	1210448	2408876	71.69%	8.671%
48	22.310	3298	3302	3306	rBV	394109	521748	15.53%	1.878%
49	23.386	3481	3485	3490	rBV	356262	723120	21.52%	2.603%
50	24.139	3608	3613	3619	rVB	664415	1230677	36.62%	4.430%

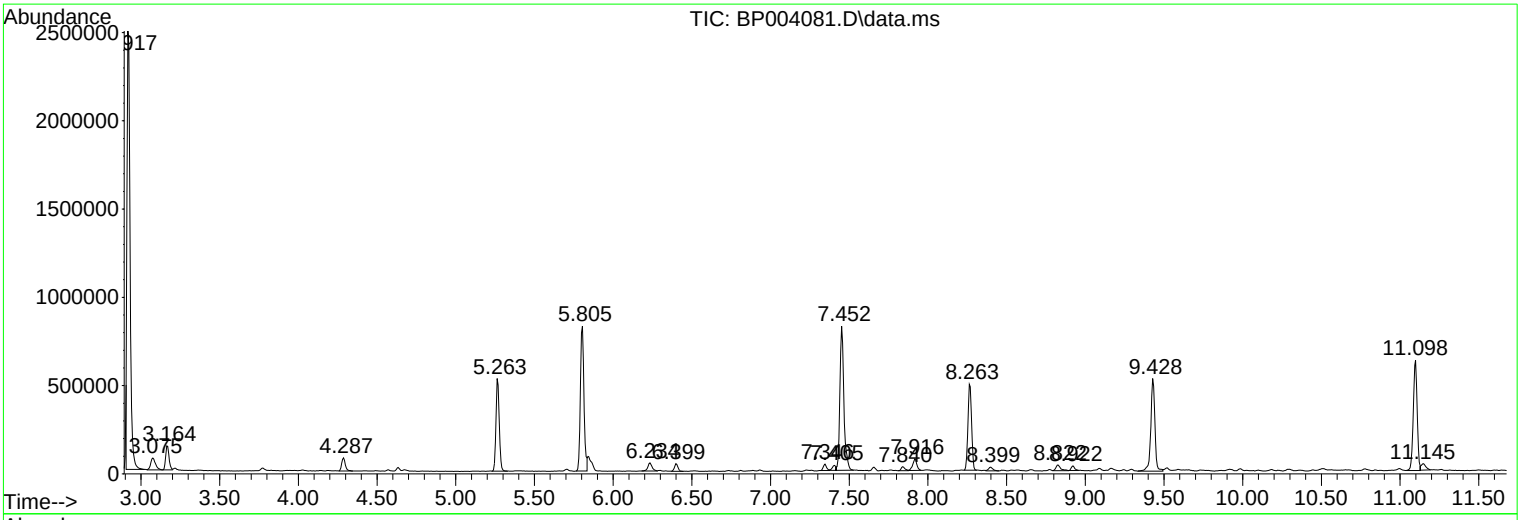
Sum of corrected areas: 27779390

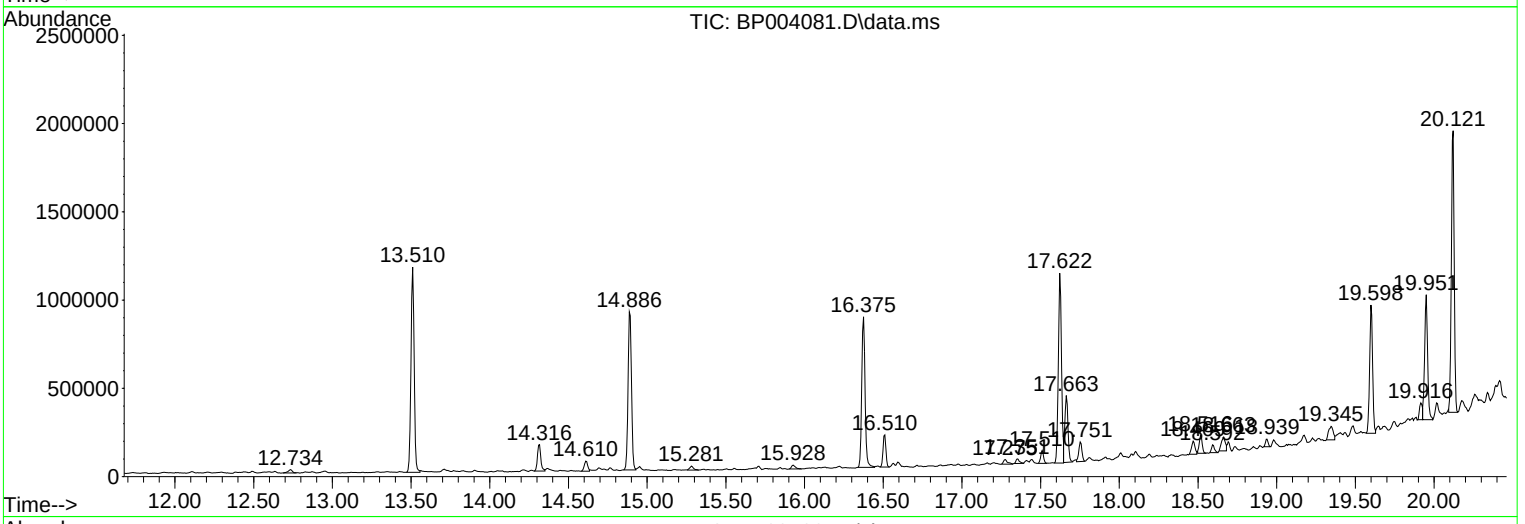
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

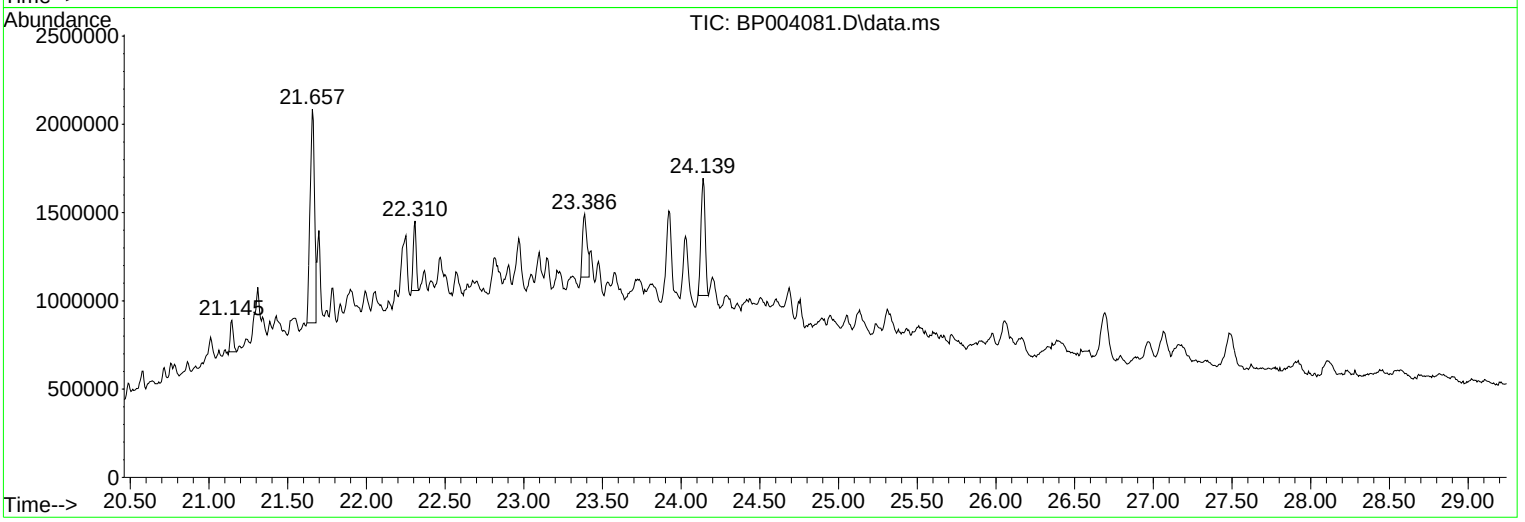
Instrument :
BNA_P
ClientSampleId :
SB-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

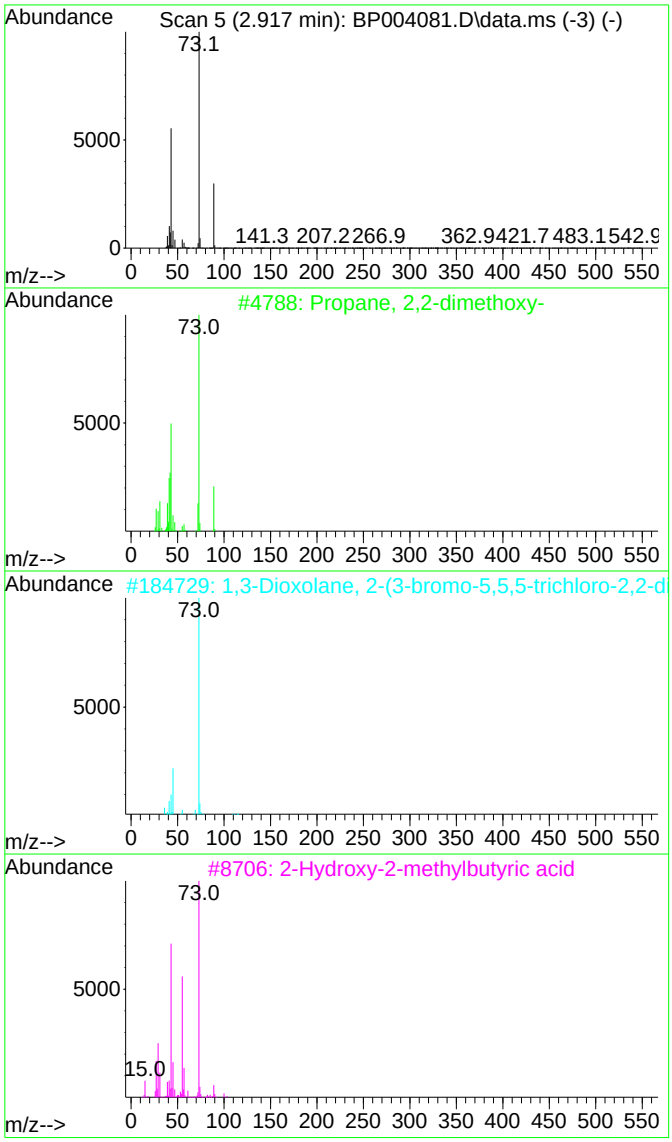
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

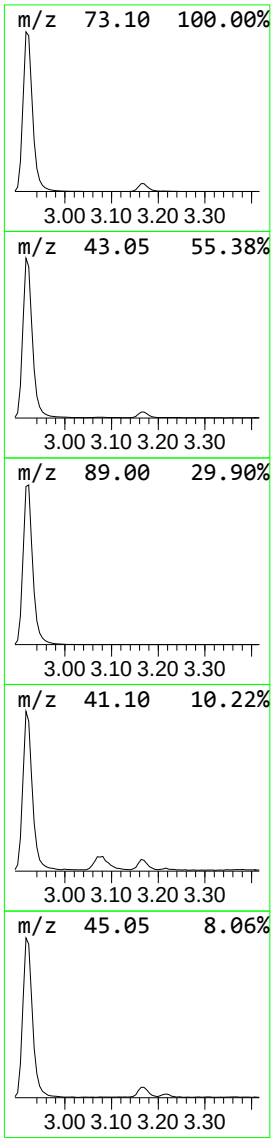
****

Peak Number 1 unknown2.917 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.917	86.24 ng	3360290	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07

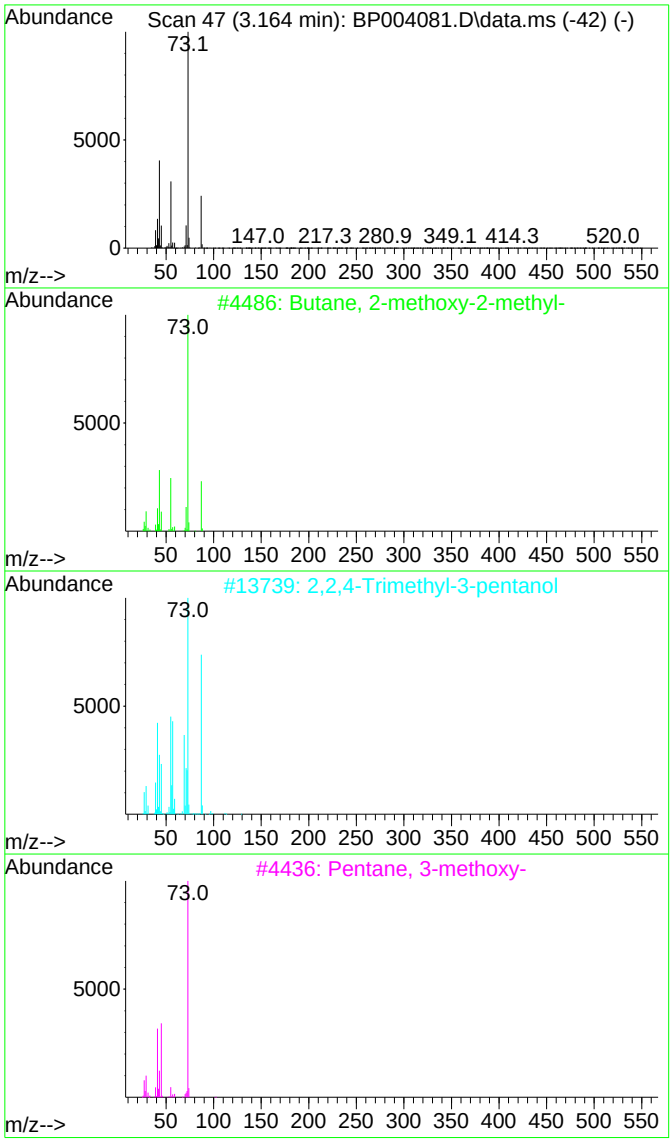
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

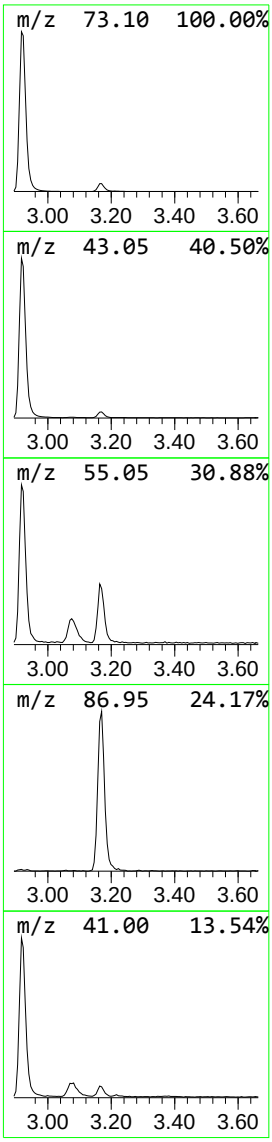
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.164	5.13 ng	199797	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07

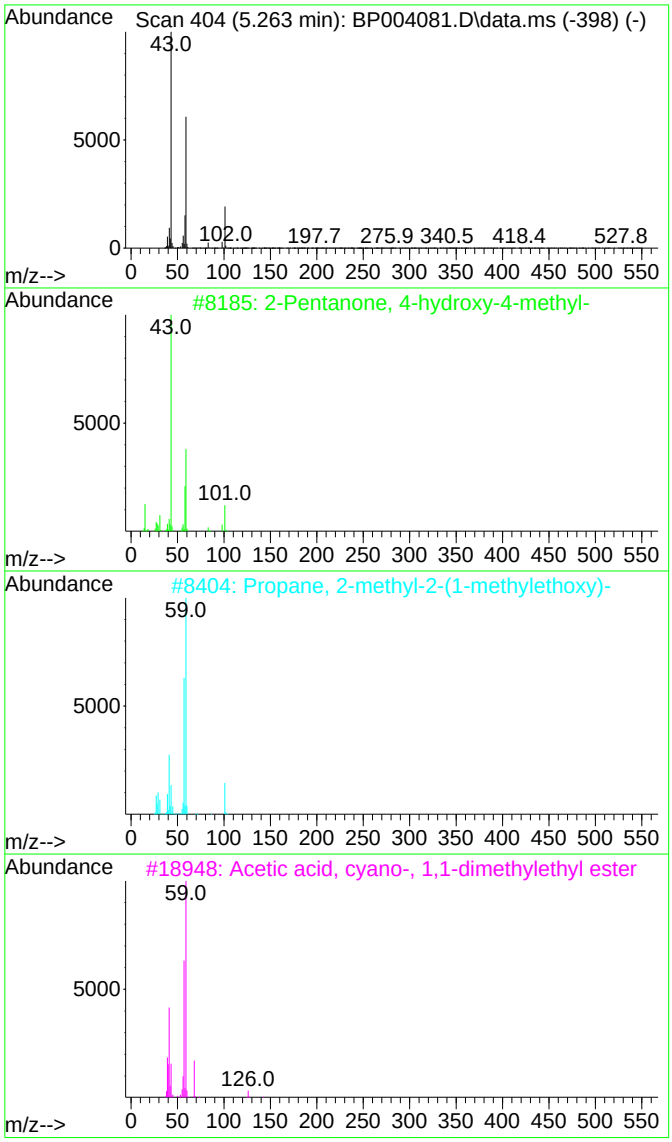
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

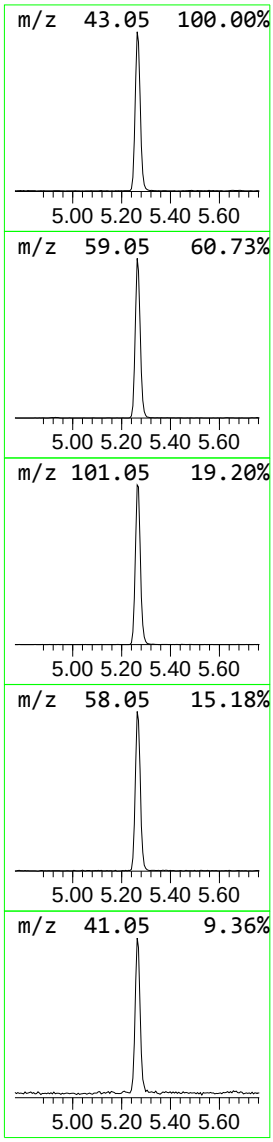
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.263	19.43 ng	757190	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

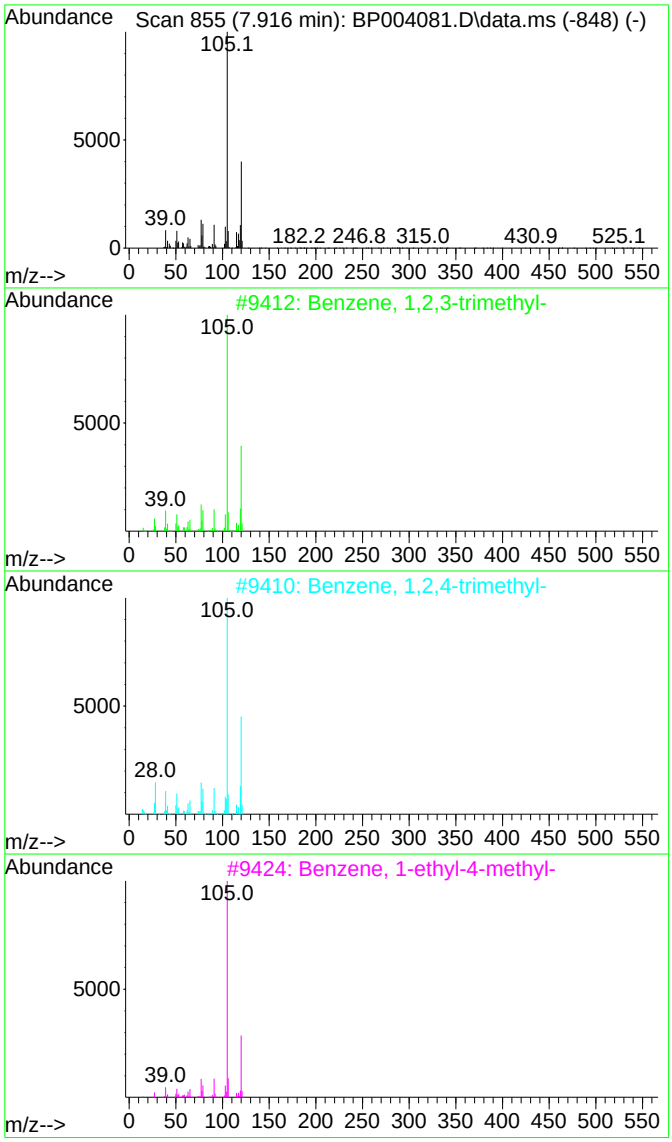
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

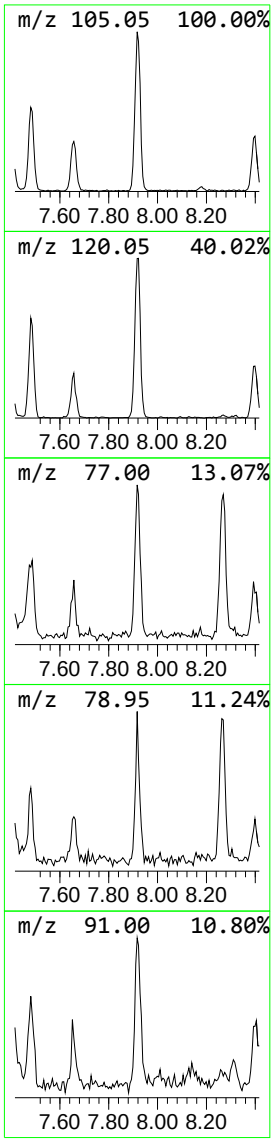
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	3.05 ng	118978	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

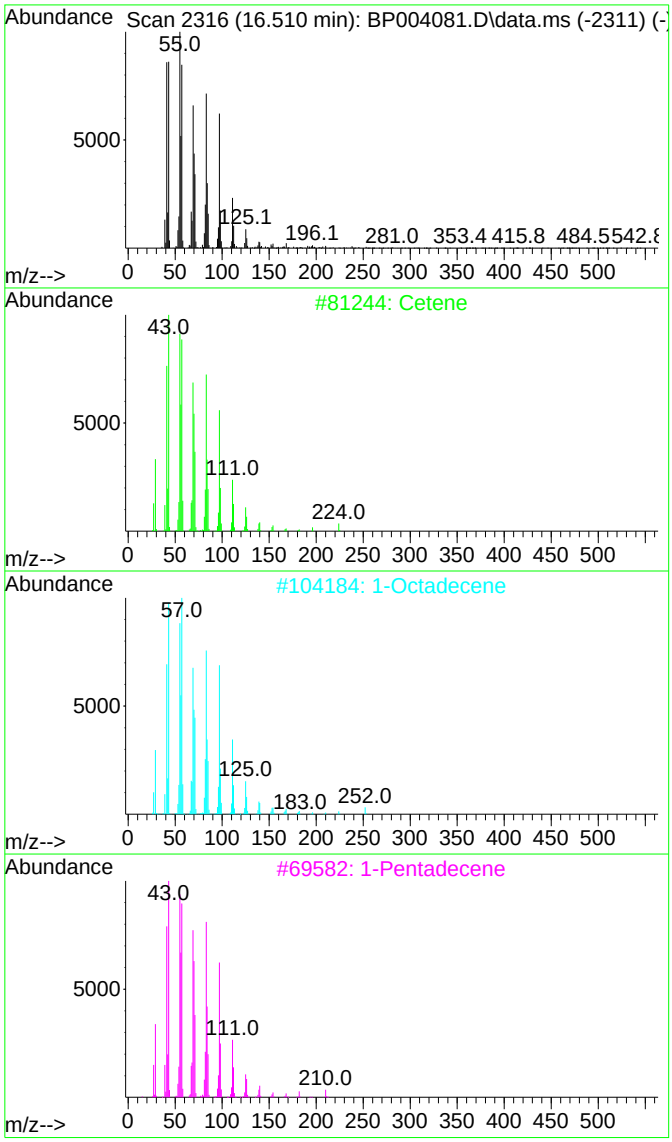
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

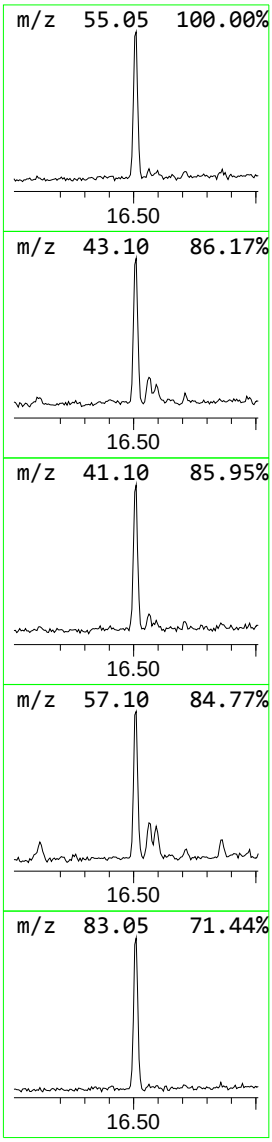
****

Peak Number 8 Cetene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.510	2.98 ng	225212	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	98
2	1-Octadecene	252	C18H36	000112-88-9	91
3	1-Pentadecene	210	C15H30	013360-61-7	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

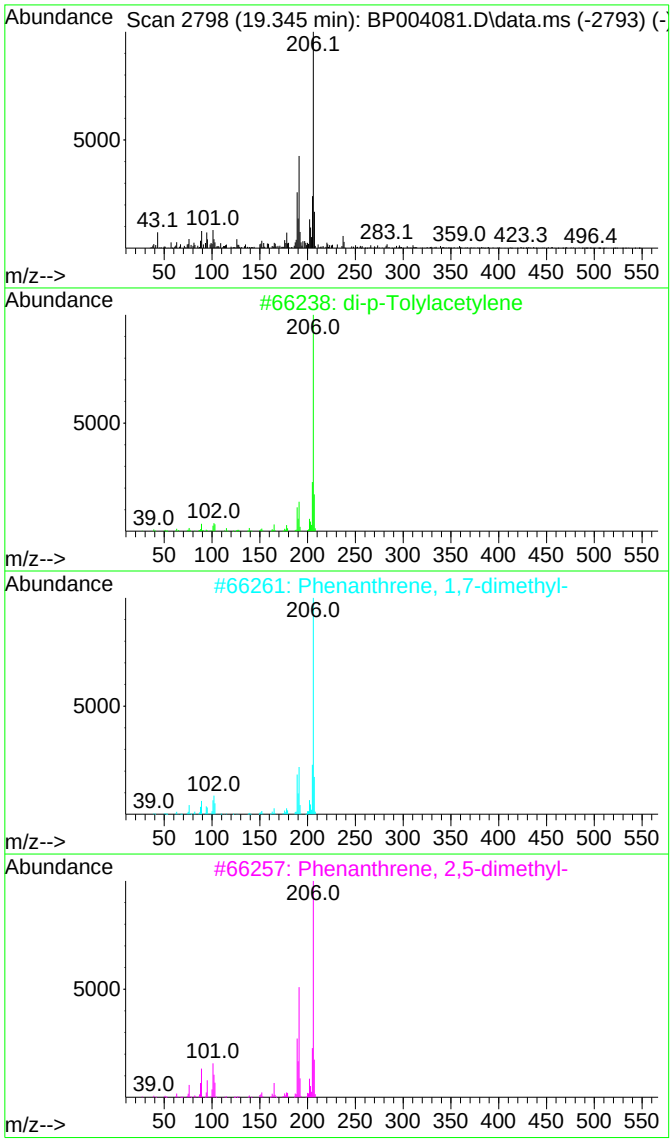
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

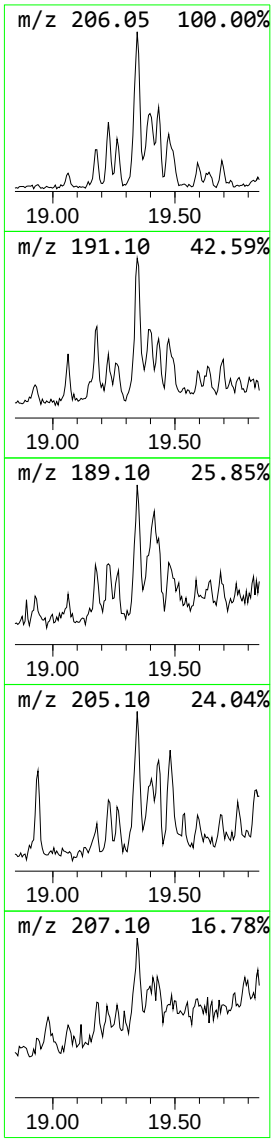
****

Peak Number 9 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	2.04 ng	154201	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

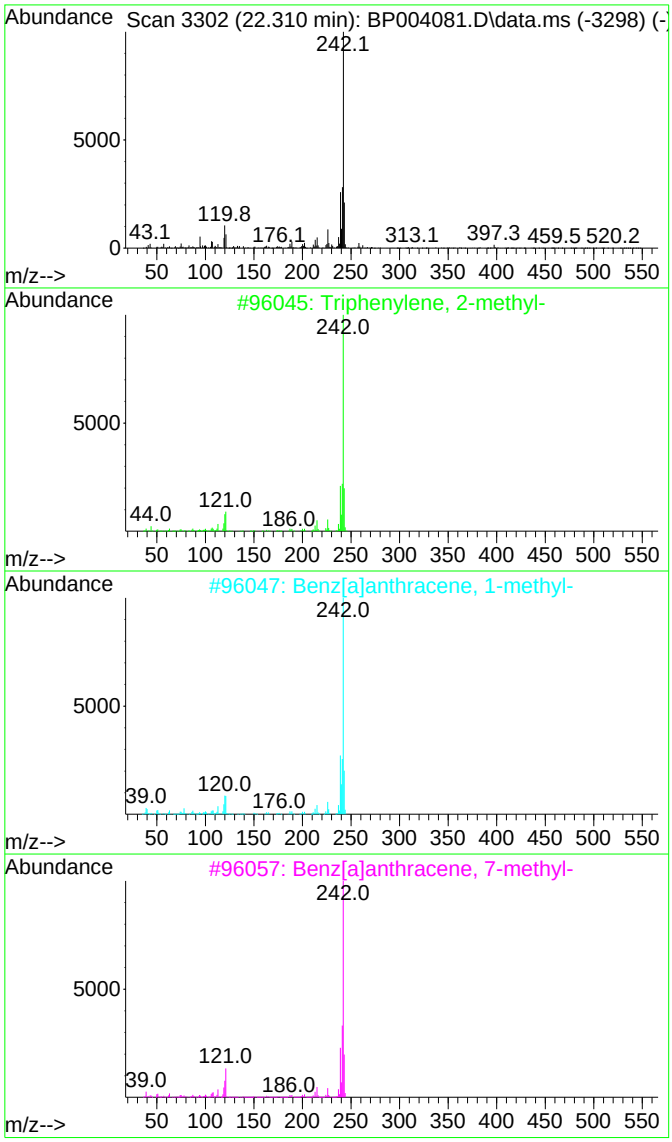
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

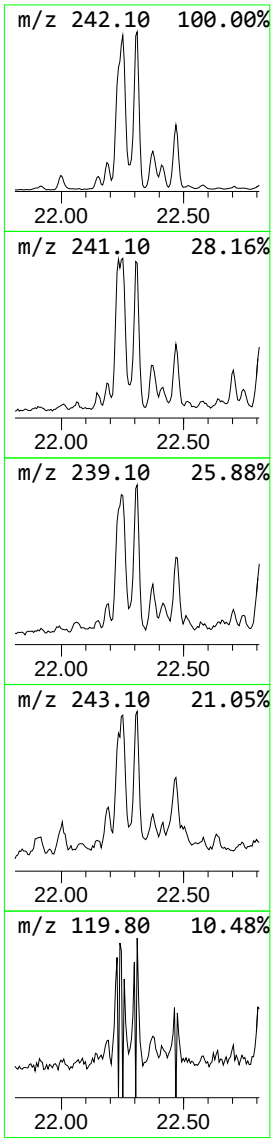
****

Peak Number 10 Triphenylene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.310	4.33 ng	521748	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004081.D
Acq On : 24 Nov 2020 18:09
Operator : CG/JU
Sample : L4836-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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
unknown2.917	2.917	86.2	ng	3360290	1	8.269	779279	20.0
Butane, 2-metho...	3.164	5.1	ng	199797	1	8.269	779279	20.0
2-Pentanone, 4-...	5.263	19.4	ng	757190	1	8.269	779279	20.0
Benzene, 1,2,3-...	7.916	3.0	ng	118978	1	8.269	779279	20.0
Cetene	16.510	3.0	ng	225212	4	17.622	1510860	20.0
di-p-Tolylacety...	19.345	2.0	ng	154201	4	17.622	1510860	20.0
Triphenylene, 2...	22.310	4.3	ng	521748	5	21.657	2408880	20.0