LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-COMP

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_G\Methods\8270-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051094.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.292	301	307	316	rBV2	11860	20657	1.62%	0.179%
2	5.762	378	387	399	rBV	354929	595296	46.65%	5.157%
3	7.372	654	661	674	rBV	378283	697778	54.68%	6.045%
4	8.224	800	806	818	rVB	125499	216736	16.98%	1.878%
5	9.399	998	1006	1017	rBV	247344	456779	35.79%	3.957%
6	10.791	1235	1243	1257	rBV	71222	144173	11.30%	1.249%
7	11.050	1280	1287	1294	rBV	181159	340393	26.67%	2.949%
8	11.103	1294	1296	1302	rVB	13232	19301	1.51%	0.167%
9	13.471	1691	1699	1707	rBV	654032	1014469	79.49%	8.789%
10	14.851	1922	1934	1941	rBV	293310	474930	37.21%	4.115%
11	15.245	1996	2001	2009	rVB2	10256	17702	1.39%	0.153%
12	15.656	2065	2071	2077	rVB3	8237	14959	1.17%	0.130%
13	15.897	2106	2112	2119	rBV5	8393	17963	1.41%	0.156%
14	16.338	2181	2187	2197	rBV	448102	713885	55.94%	6.185%
15	16.532	2212	2220	2227	rBV7	14333	37990	2.98%	0.329%
16	17.125	2313	2321	2324	rBV3	8629	16797	1.32%	0.146%
17	17.166	2324	2328	2336	rVB4	6626	12778	1.00%	0.111%
18	17.254	2337	2343	2349	rVB3	15843	25880	2.03%	0.224%
19	17.313	2349	2353	2359	rBV4	12732	26950	2.11%	0.233%
20	17.601	2395	2402	2406	rBV	347533	551946	43.25%	4.782%
21	17.642	2406	2409	2416	rVB	176291	250332	19.62%	2.169%
22	17.736	2420	2425	2429	rVV	25853	36672	2.87%	0.318%
23	18.001	2465	2470	2475	rBV3	11881	25333	1.99%	0.219%
24	18.048	2475	2478	2483	rVB3	10029	15440	1.21%	0.134%
25	18.224	2505	2508	2512	rVB	24817	28910	2.27%	0.250%
26	18.471	2541	2550	2554	rBV2	39410	85287	6.68%	0.739%
27	18.518	2554	2558	2563	rVB	50478	76770	6.02%	0.665%
28	18.600	2568	2572	2577	rVB2	14233	21854	1.71%	0.189%
29	18.665	2577	2583	2587	rBV3	40256	83538	6.55%	0.724%
30	18.700	2587	2589	2593	rVB2	25858	28805	2.26%	0.250%
31	18.958	2628	2633	2637	rBV	31643	43470	3.41%	0.377%
32	19.011	2637	2642	2650	rVB2	33774	54807	4.29%	0.475%
33	19.205	2665	2675	2679	rBV5	17842	37796	2.96%	0.327%
34	19.252	2679	2683	2687	rBV2	12884	17148	1.34%	0.149%
35	19.381	2697	2705	2709	rBV3	43896	97249	7.62%	0.843%
36	19.464	2717	2719	2723	rVB2	14545	17453	1.37%	0.151%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

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_G\Methods\8270-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.522	2723	2729	2734	rBV4	26753	48892	3.83%	0.424%
38	19.640	2743	2749	2755	rBV	338538	500770	39.24%	4.338%
39	19.728	2762	2764	2770	rVB6	11581	16994	1.33%	0.147%
40	19.793	2771	2775	2778	rBV2	11647	18240	1.43%	0.158%
41	19.834	2778	2782	2785	rBV5	9962	13560	1.06%	0.117%
42	19.881	2785	2790	2791	rBV5	12362	16912	1.33%	0.147%
43	19.969	2800	2805	2807	rBV2	57019	88987	6.97%	0.771%
44	20.004	2807	2811	2818	rVV	290818	422856	33.13%	3.663%
45	20.069	2818	2822	2828	rVB	28833	49332	3.87%	0.427%
46	20.186	2836	2842	2847	rBV	989648	1276206	100.00%	11.056%
47	20.316	2859	2864	2871	rBV3	35862	92267	7.23%	0.799%
48	20.462	2882	2889	2891	rBV6	33408	78948	6.19%	0.684%
49	20.486	2891	2893	2899	rVB3	45901	62679	4.91%	0.543%
50	20.586	2907	2910	2914	rBV2	19756	29459	2.31%	0.255%
51	20.650	2914	2921	2924	rVB3	32765	69855	5.47%	0.605%
52	20.786	2942	2944	2948	rBV	20994	20322	1.59%	0.176%
53	21.267	3023	3026	3034	rVB	48750	78789	6.17%	0.683%
54	21.896	3125	3133	3139	rBV2	315385	804557	63.04%	6.970%
55	21.949	3139	3142	3149	rVB	132558	212945	16.69%	1.845%
56	24.223	3522	3529	3547	rVB	101693	479965	37.61%	4.158%
57	24.992	3655	3660	3671	rVB	61494	170139	13.33%	1.474%
58	25.145	3681	3686	3698	rVB	83755	232356	18.21%	2.013%
59	25.310	3706	3714	3724	rVB2	145987	419505	32.87%	3.634%

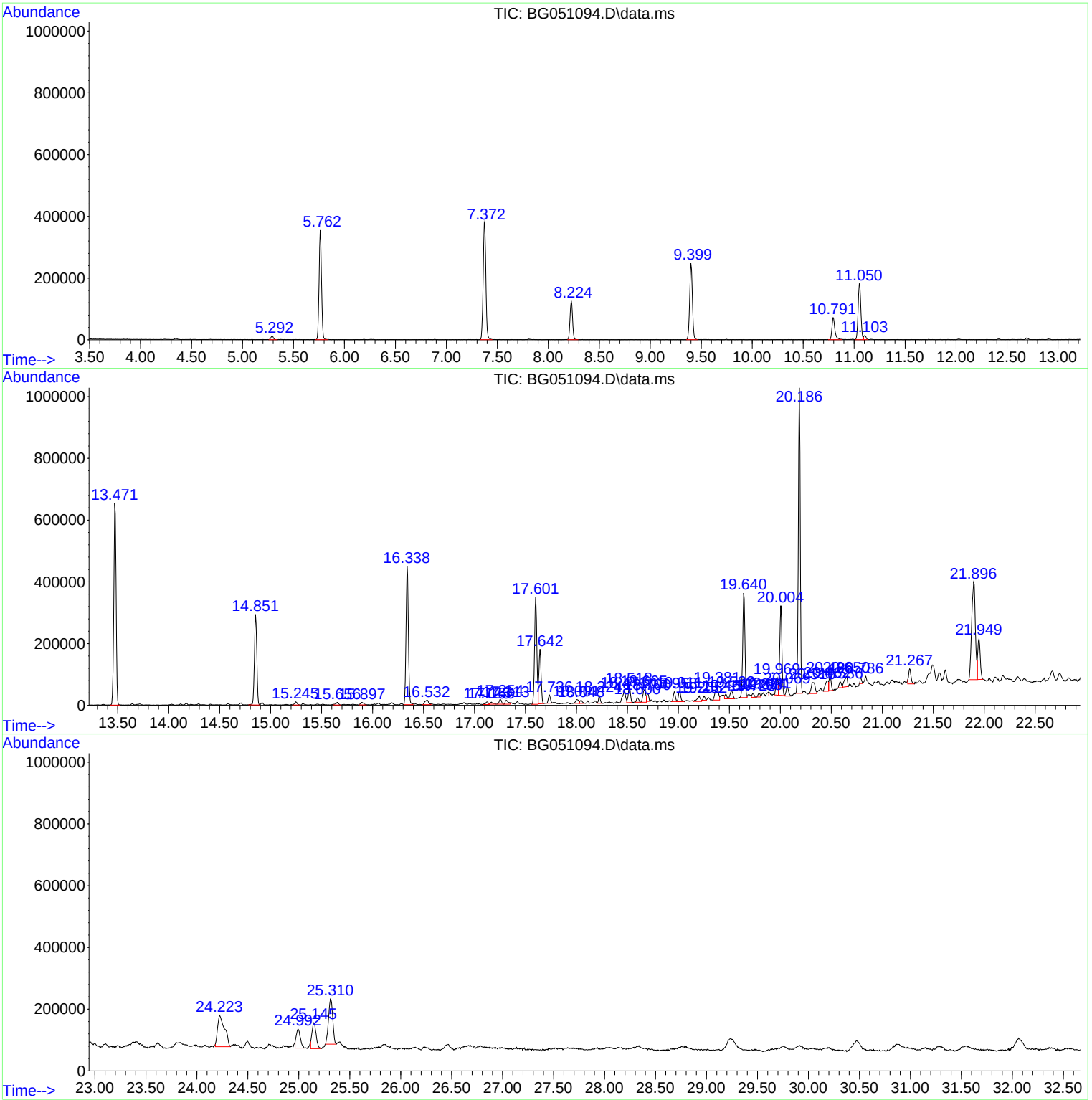
Sum of corrected areas: 11542761

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

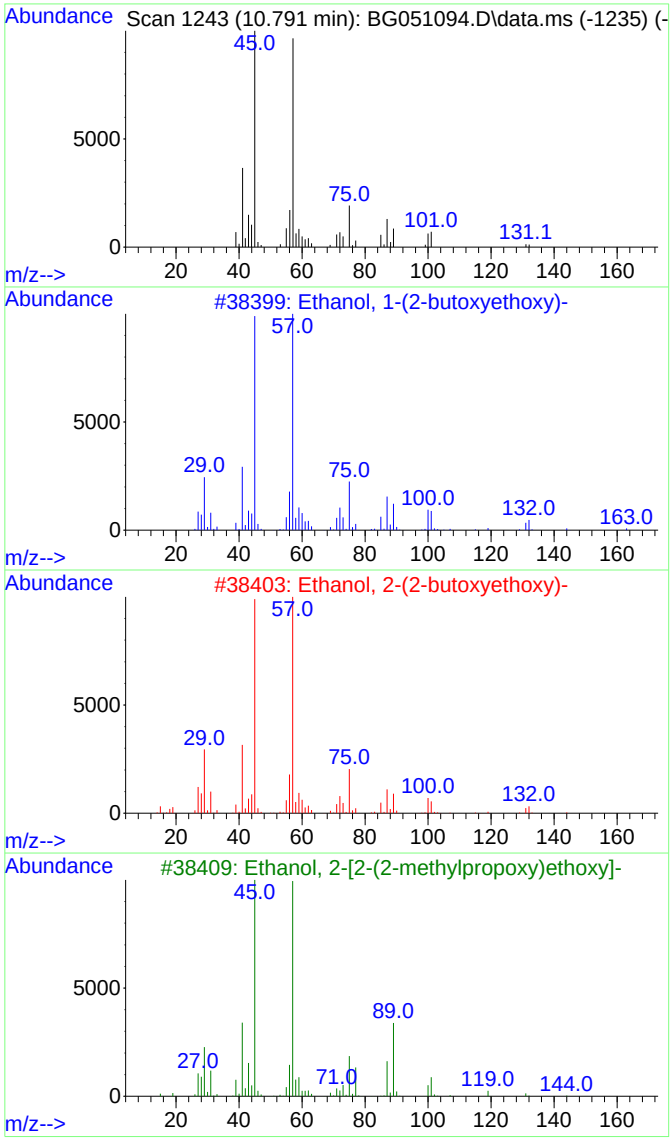
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

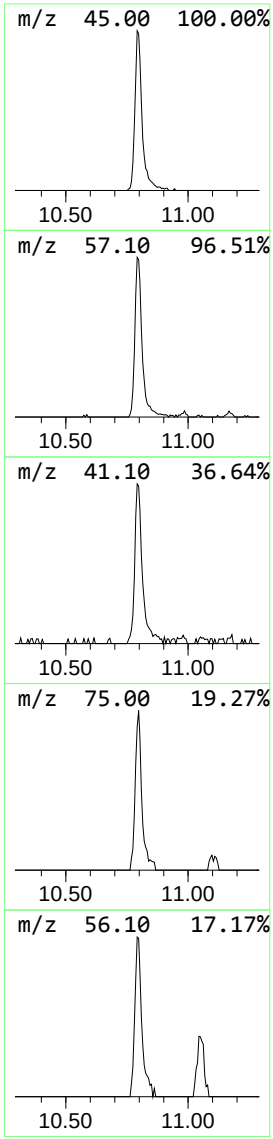
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.791	8.47 ng	144173	Naphthalene-d8	11.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

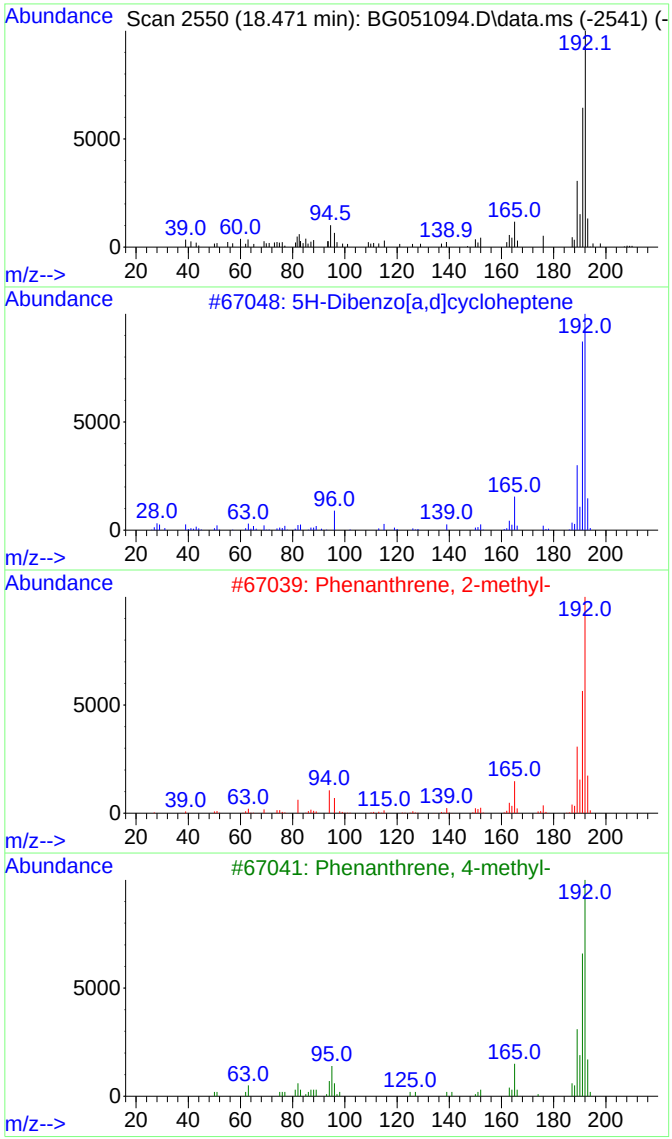
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

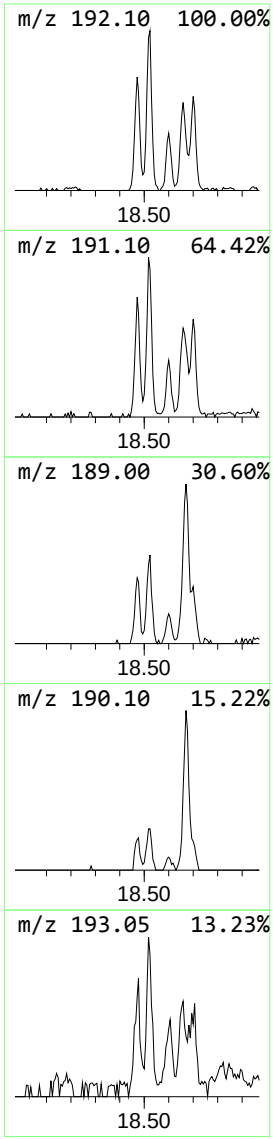
****

Peak Number 2 5H-Dibenzo[a,d]cycloheptene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.471	3.09 ng	85287	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

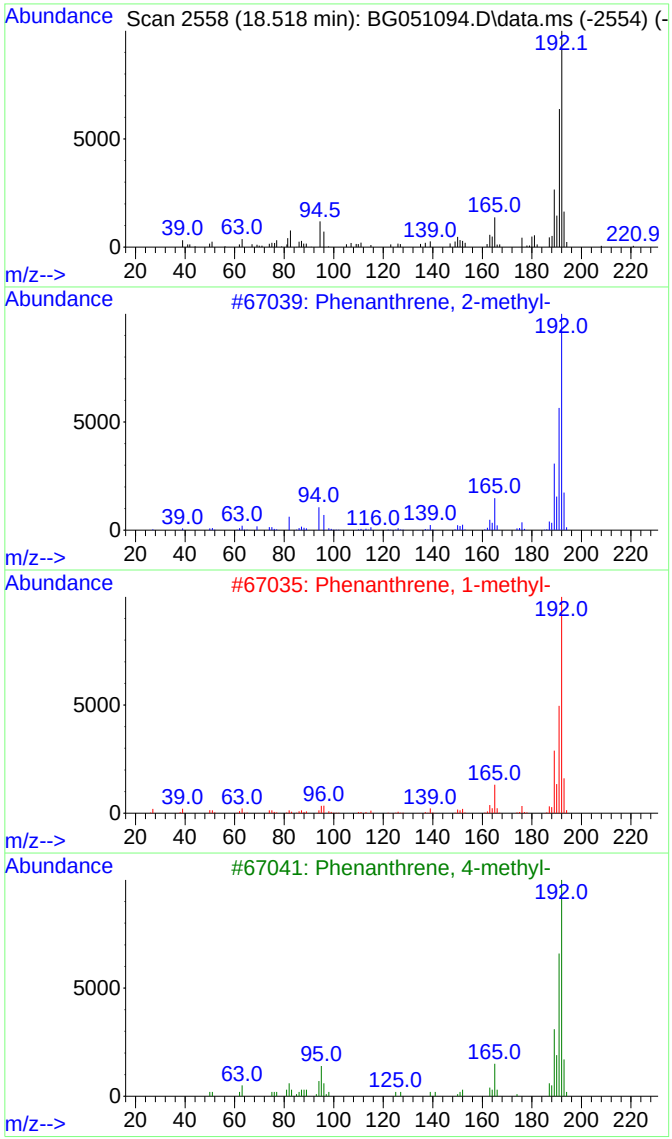
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

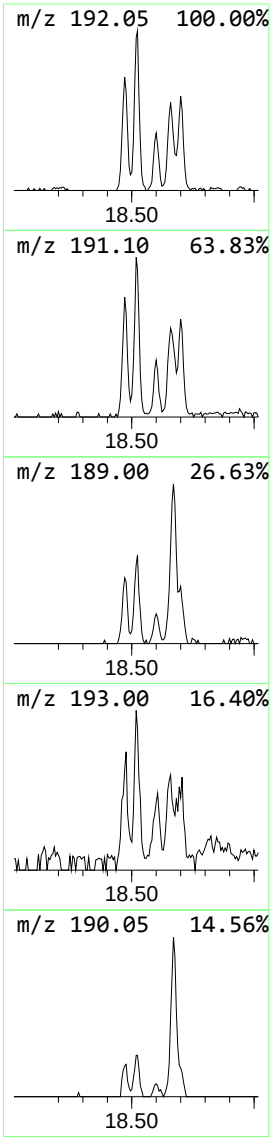
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.518	2.78 ng	76770	Phenanthrene-d10	17.601

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	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

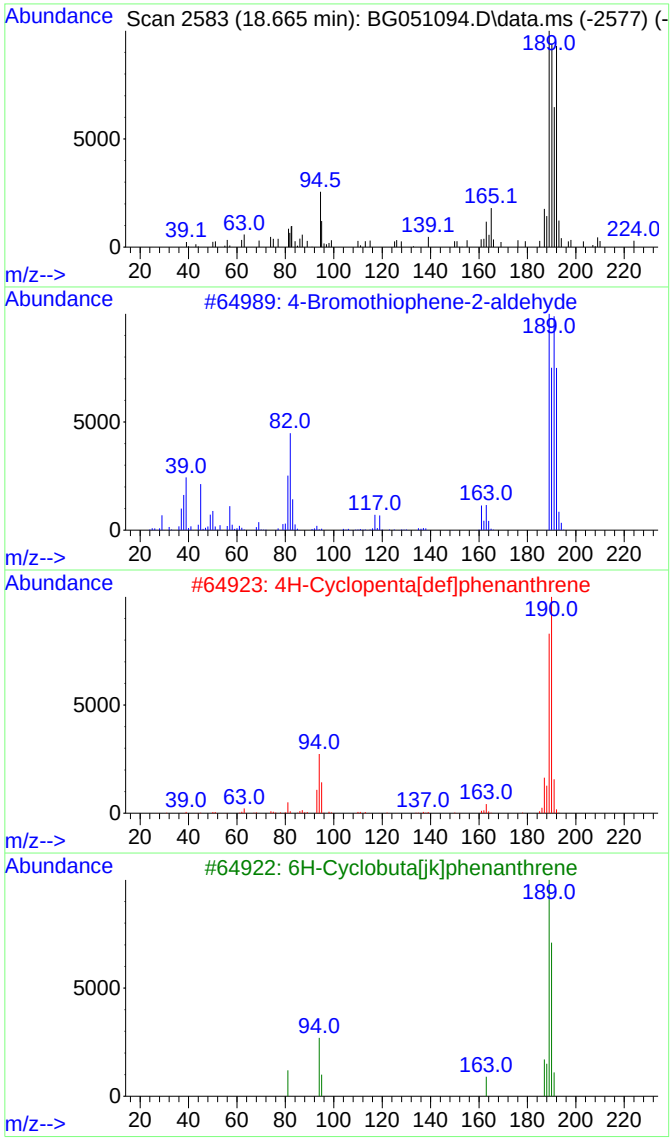
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

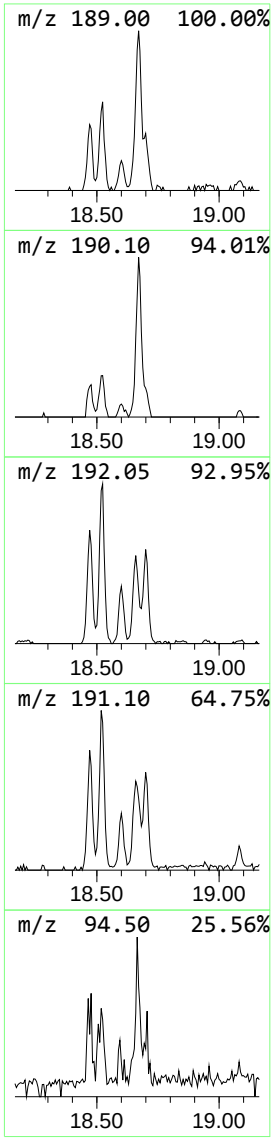
****

Peak Number 4 4-Bromothiophene-2-aldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.665	3.03 ng	83538	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

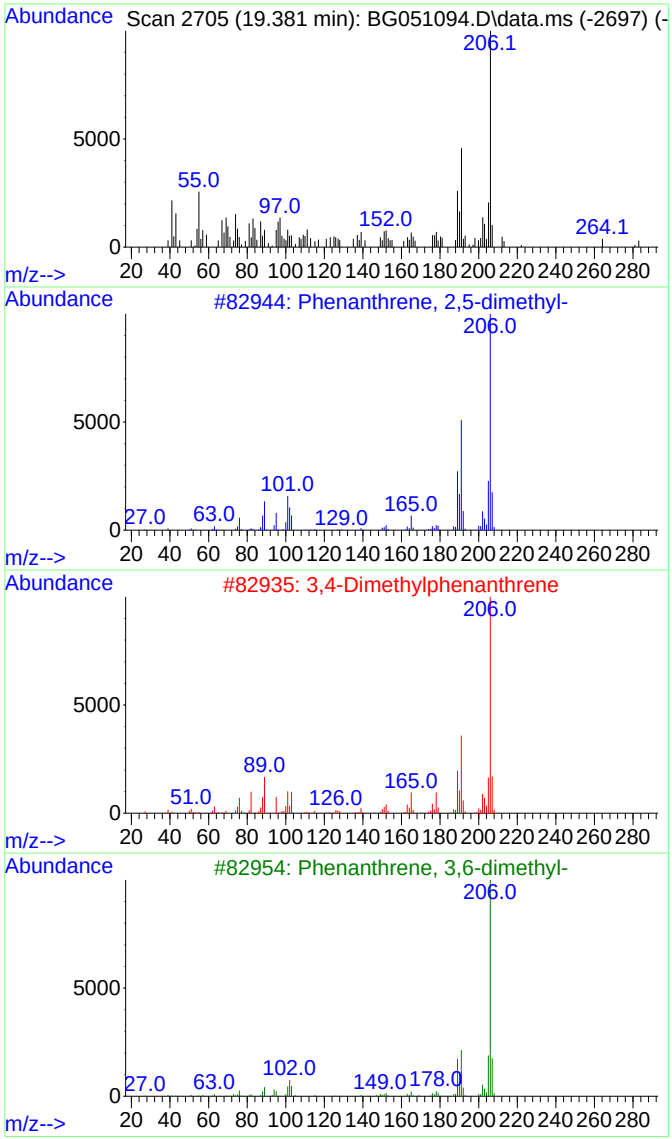
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

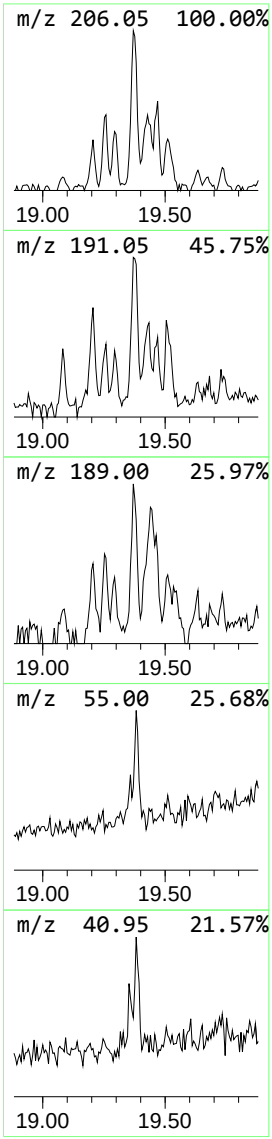
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.381	3.52 ng	97249	Phenanthrene-d10	17.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	74
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	68
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

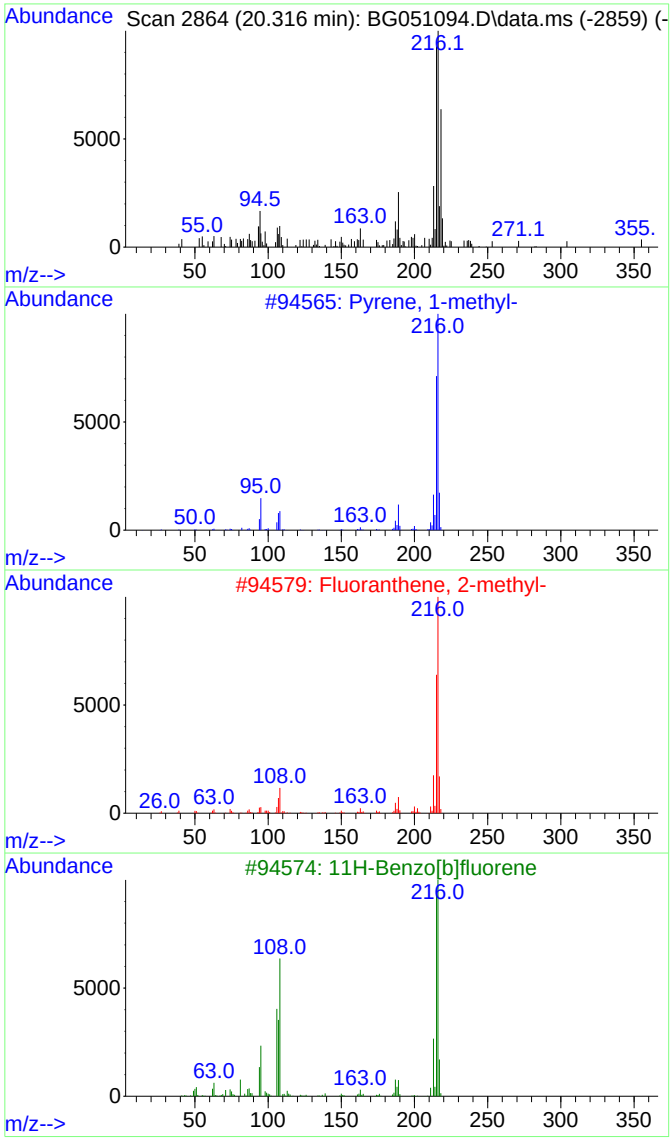
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

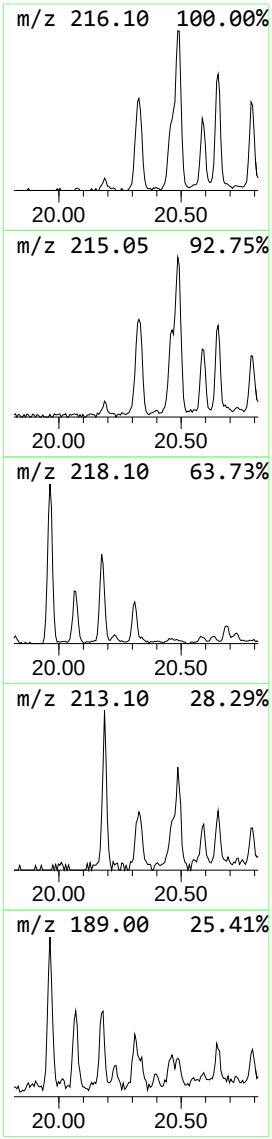
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.316	2.29 ng	92267	Chrysene-d12	21.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

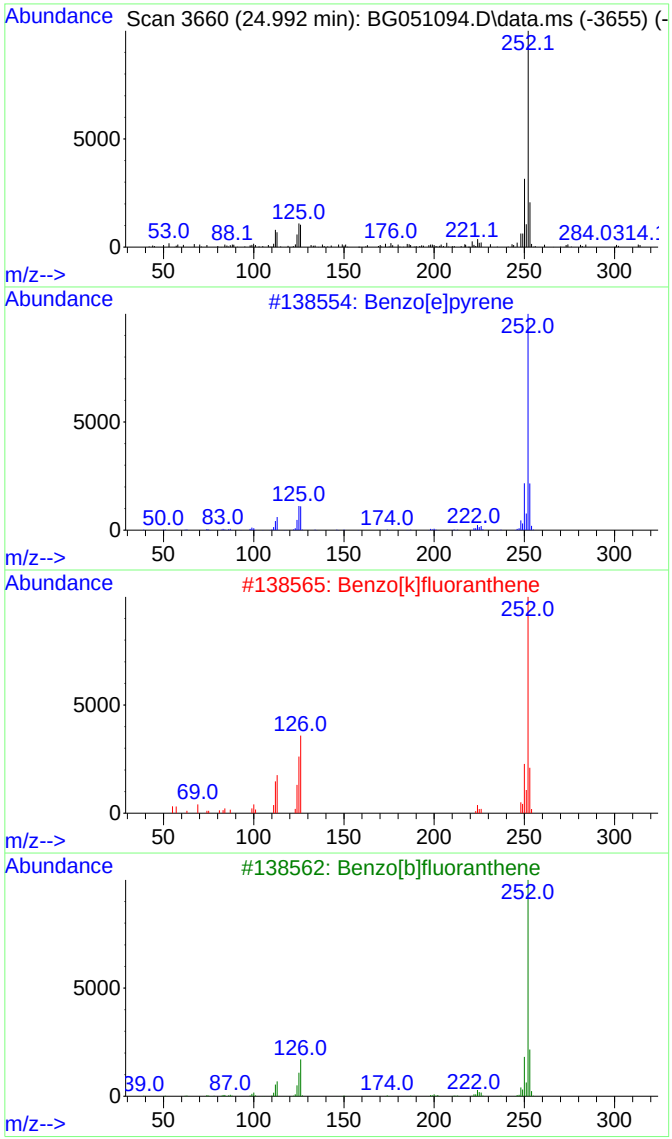
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

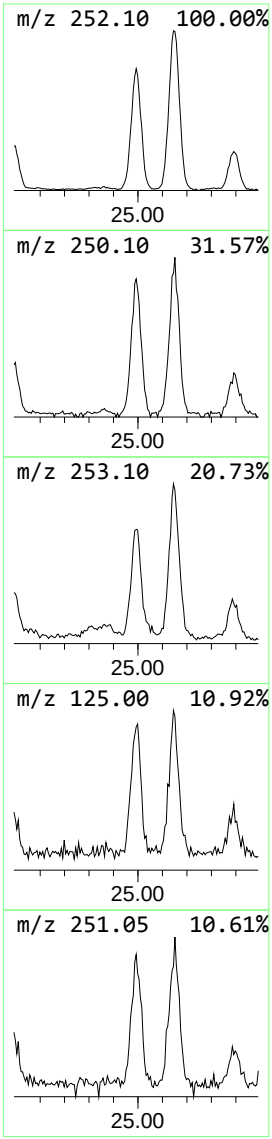
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.993	8.11 ng	170139	Perylene-d12	25.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051094.D
Acq On : 17 Nov 2021 16:18
Operator : CG/JU
Sample : M4707-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 1-(2-b...	10.791	8.5	ng	144173	2	11.050	340393	20.0
5H-Dibenzo[a,d]...	18.471	3.1	ng	85287	4	17.601	551946	20.0
Phenanthrene, 2...	18.518	2.8	ng	76770	4	17.601	551946	20.0
4-Bromothiophen...	18.665	3.0	ng	83538	4	17.601	551946	20.0
Phenanthrene, 2...	19.381	3.5	ng	97249	4	17.601	551946	20.0
Pyrene, 1-methyl-	20.316	2.3	ng	92267	5	21.902	804557	20.0
Benzo[e]pyrene	24.993	8.1	ng	170139	6	25.316	419505	20.0