LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : O1481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JPP-46-020723

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056591.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.303	334	343	351	rBV	52723	80981	6.90%	0.695%
2	5.791	419	426	433	rBV	211860	348768	29.72%	2.993%
3	7.418	695	703	718	rBV	214225	376572	32.09%	3.232%
4	8.270	839	848	856	rBB	126627	213164	18.17%	1.830%
5	9.445	1040	1048	1057	rBV	134326	235272	20.05%	2.019%
6	11.102	1322	1330	1336	rBV	166879	301626	25.70%	2.589%
7	13.511	1733	1740	1752	rBB	529966	797558	67.97%	6.845%
8	14.892	1965	1975	1981	rBV	301347	470410	40.09%	4.038%
9	14.950	1981	1985	1992	rVB	11606	16738	1.43%	0.144%
10	15.932	2145	2152	2157	rBV3	8485	15040	1.28%	0.129%
11	16.225	2197	2202	2208	rVB	42059	61564	5.25%	0.528%
12	16.372	2221	2227	2237	rBV	316372	474686	40.45%	4.074%
13	17.283	2376	2382	2387	rBV4	7067	12800	1.09%	0.110%
14	17.630	2435	2441	2445	rBV	394464	591203	50.38%	5.074%
15	17.671	2445	2448	2454	rVB	177809	248383	21.17%	2.132%
16	17.765	2457	2464	2468	rBV	41883	66224	5.64%	0.568%
17	18.029	2504	2509	2514	rBV4	15725	30958	2.64%	0.266%
18	18.499	2584	2589	2593	rBV	40398	60902	5.19%	0.523%
19	18.546	2593	2597	2604	rVB	53614	80903	6.89%	0.694%
20	18.629	2606	2611	2615	rVB	24790	34622	2.95%	0.297%
21	18.699	2615	2623	2626	rBV3	58940	127822	10.89%	1.097%
22	18.723	2626	2627	2632	rVB3	30691	35208	3.00%	0.302%
23	18.981	2667	2671	2676	rVV	30843	46124	3.93%	0.396%
24	19.034	2676	2680	2686	rVB2	20589	36015	3.07%	0.309%
25	19.228	2710	2713	2716	rVB3	13206	14859	1.27%	0.128%
26	19.275	2719	2721	2725	rVV	12046	13133	1.12%	0.113%
27	19.316	2725	2728	2732	rVB2	11591	13744	1.17%	0.118%
28	19.398	2737	2742	2746	rBV2	33879	55575	4.74%	0.477%
29	19.545	2761	2767	2772	rBV3	32339	70163	5.98%	0.602%
30	19.668	2781	2788	2793	rBV	544224	786169	67.00%	6.748%
31	19.751	2800	2802	2806	rVB4	13039	14436	1.23%	0.124%
32	19.909	2824	2829	2834	rBV4	17819	38070	3.24%	0.327%
33	19.992	2838	2843	2845	rBV2	100909	157235	13.40%	1.350%
34	20.027	2845	2849	2856	rVV	543887	753800	64.24%	6.470%
35	20.086	2856	2859	2866	rVB3	30801	50843	4.33%	0.436%
36	20.203	2874	2879	2884	rVB	937449	1173464	100.00%	10.072%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.344	2899	2903	2908	rVB4	36614	77523	6.61%	0.665%
38	20.485	2922	2927	2928	rBV5	29402	47089	4.01%	0.404%
39	20.509	2928	2931	2935	rVB	68524	88450	7.54%	0.759%
40	20.609	2945	2948	2951	rBV2	32085	38481	3.28%	0.330%
41	20.667	2956	2958	2961	rVB	43937	46505	3.96%	0.399%
42	20.808	2979	2982	2985	rBV	35890	43041	3.67%	0.369%
43	21.290	3060	3064	3072	rVB	49243	88133	7.51%	0.756%
44	21.578	3110	3113	3119	rVB3	44246	61745	5.26%	0.530%
45	21.919	3162	3171	3176	rBV2	403900	1101394	93.86%	9.453%
46	21.966	3176	3179	3192	rVB	217372	394795	33.64%	3.389%
47	22.130	3203	3207	3215	rVB	46724	76365	6.51%	0.655%
48	24.251	3562	3568	3578	rBV	148234	503034	42.87%	4.318%
49	25.027	3694	3700	3713	rVB2	97780	292953	24.96%	2.514%
50	25.186	3720	3727	3737	rVB	147430	400960	34.17%	3.441%
51	25.350	3747	3755	3763	rBV2	174311	485362	41.36%	4.166%

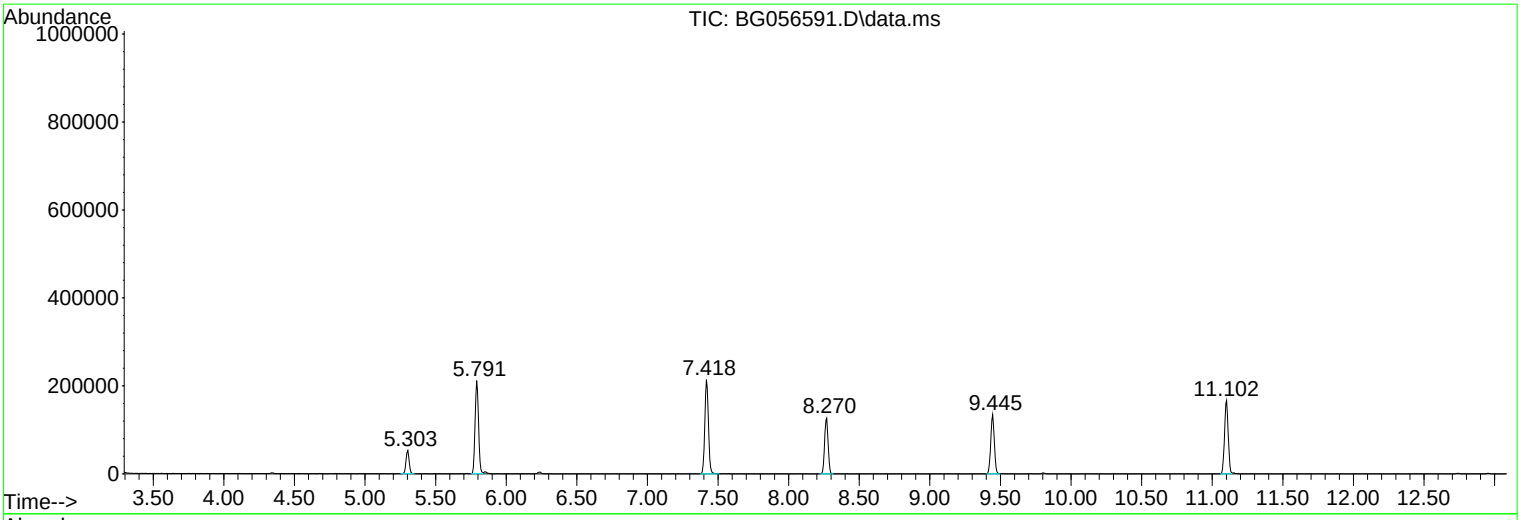
Sum of corrected areas: 11650864

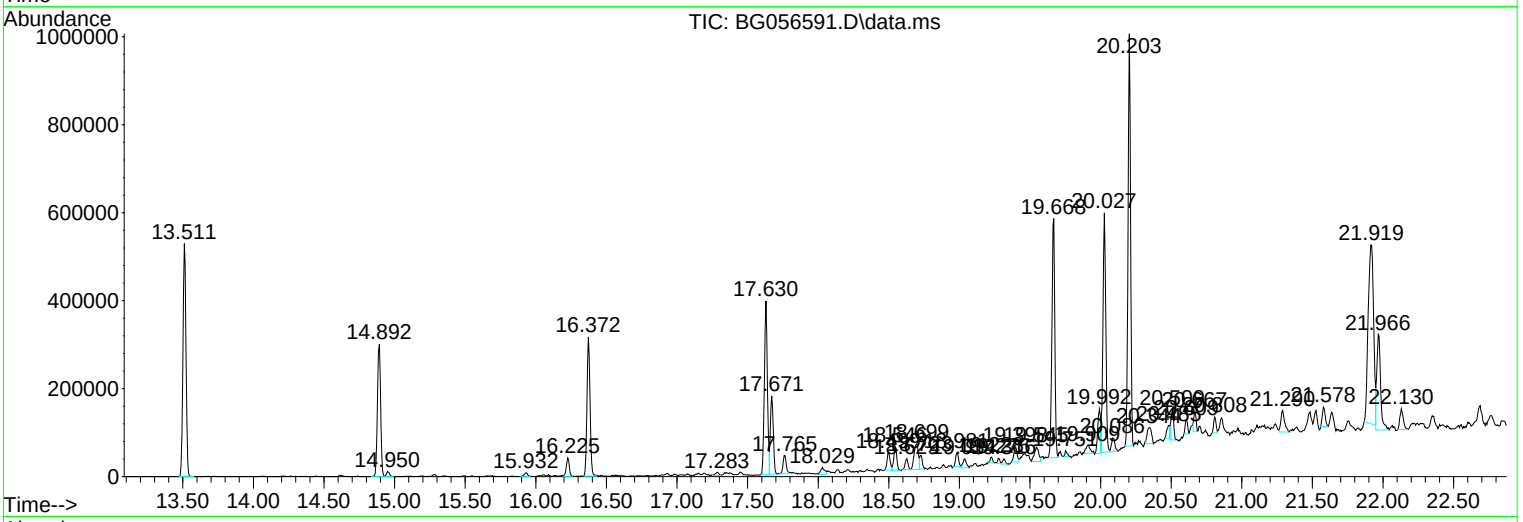
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

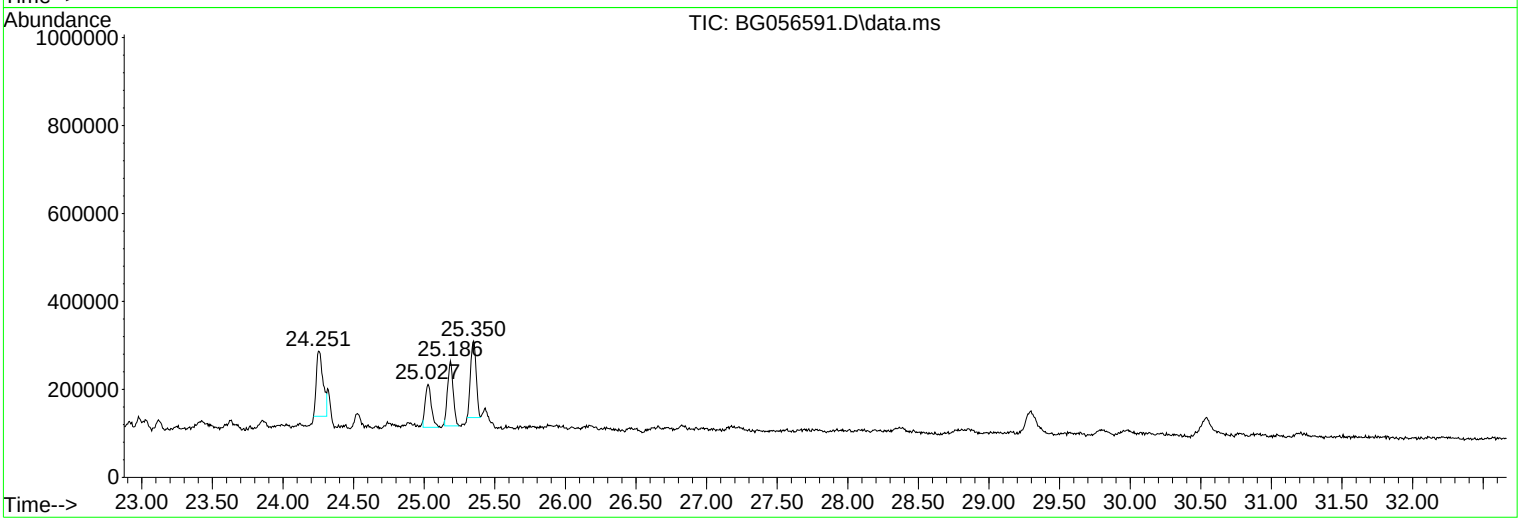
Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

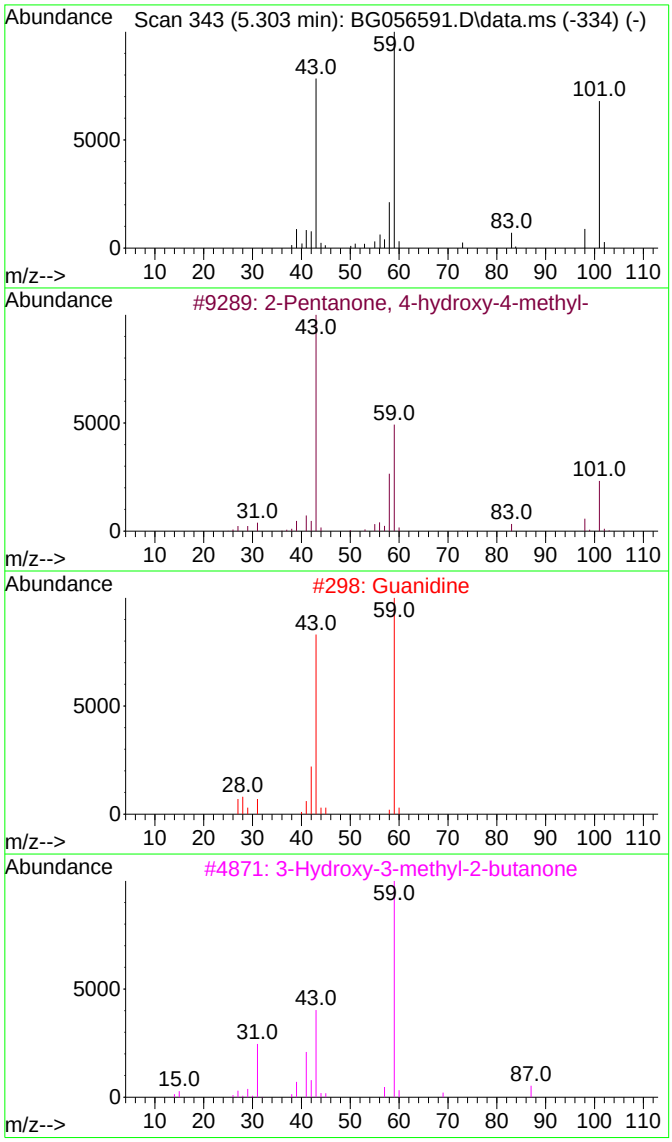
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

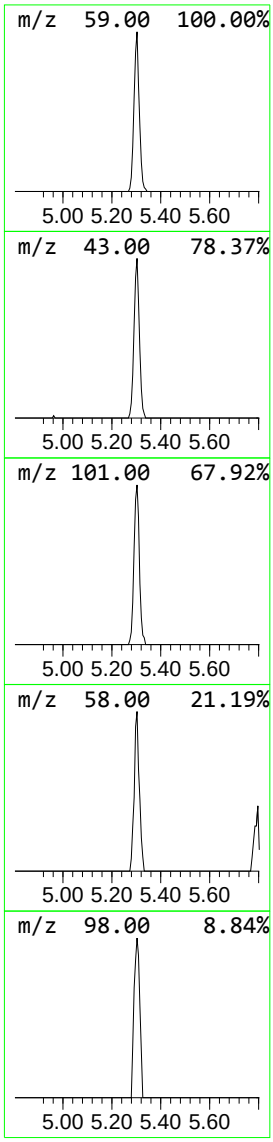
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.303	7.60 ng	80981	1,4-Dichlorobenzene-d4	8.270

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	37
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	23
5	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

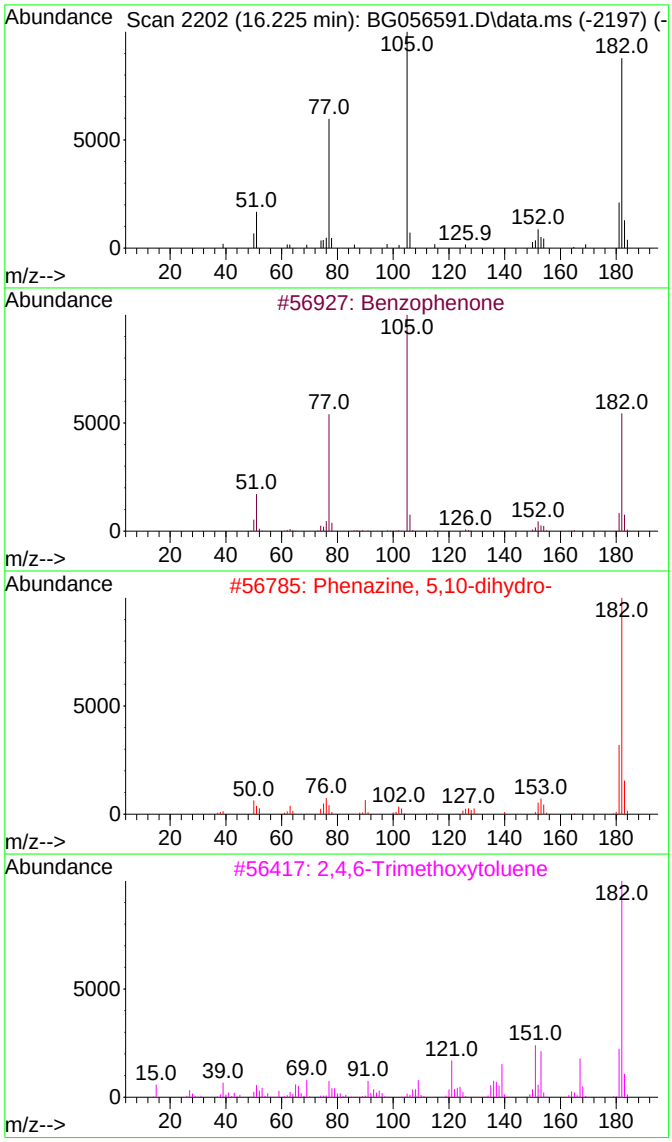
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

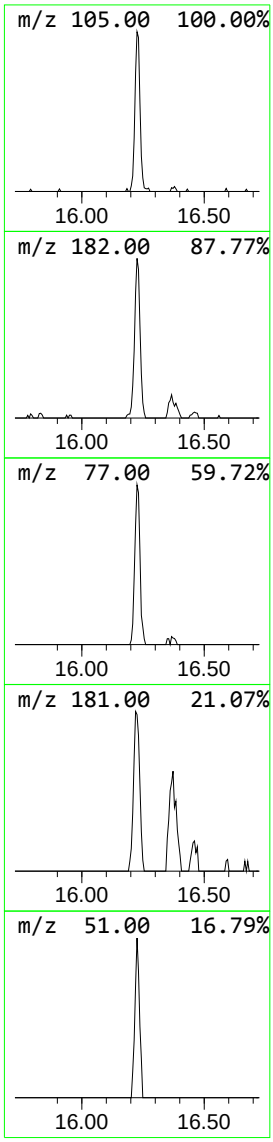
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	2.62 ng	61564	Acenaphthene-d10	14.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	52
3	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	49
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

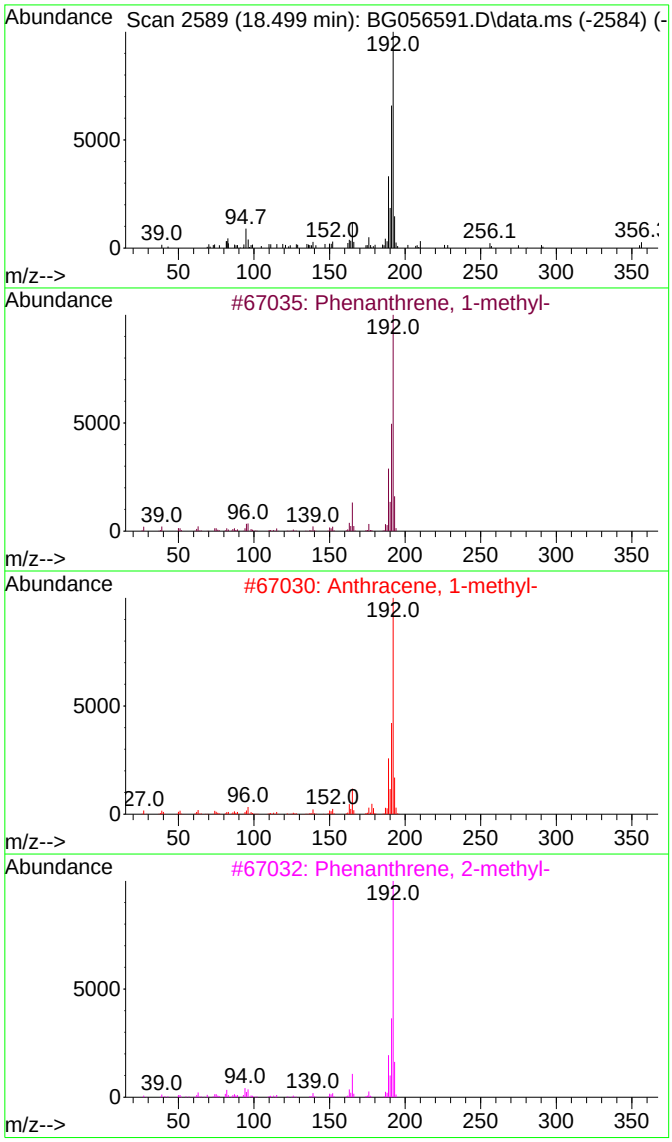
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

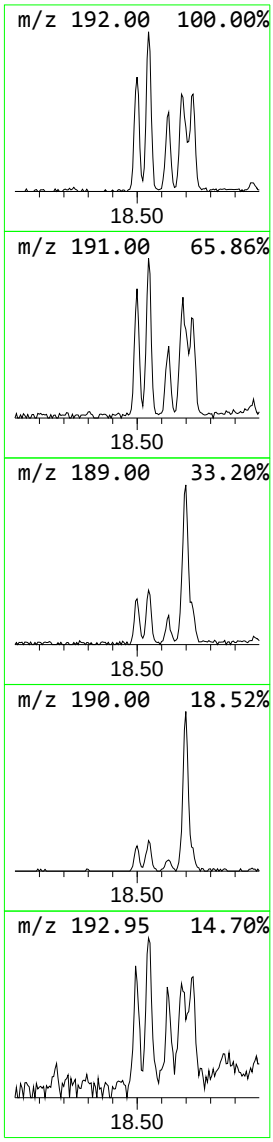
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.499	2.06 ng	60902	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

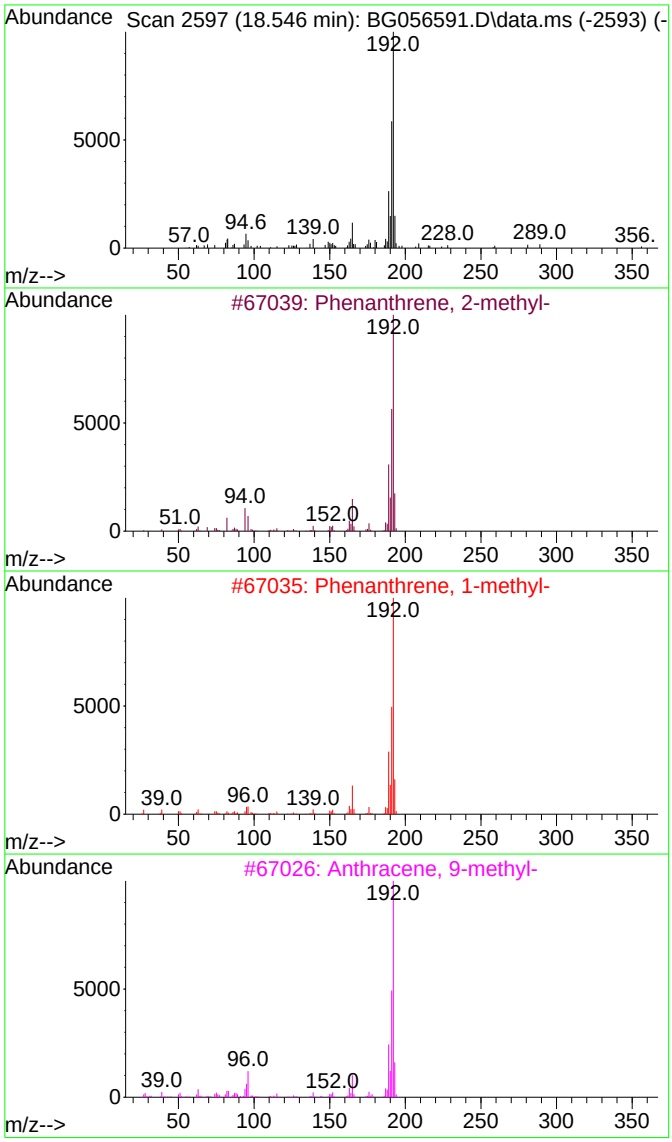
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

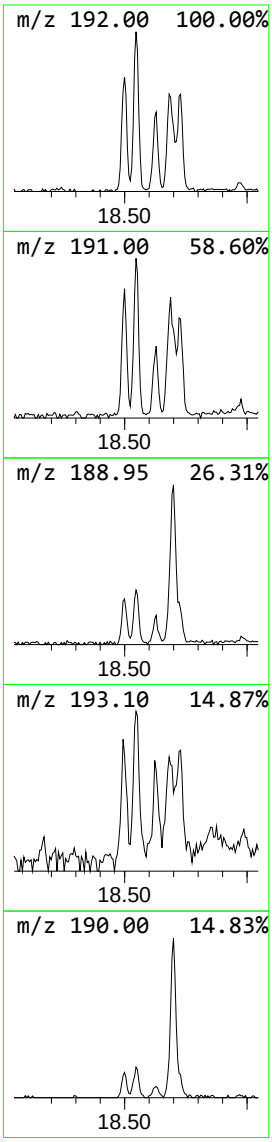
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.546	2.74 ng	80903	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

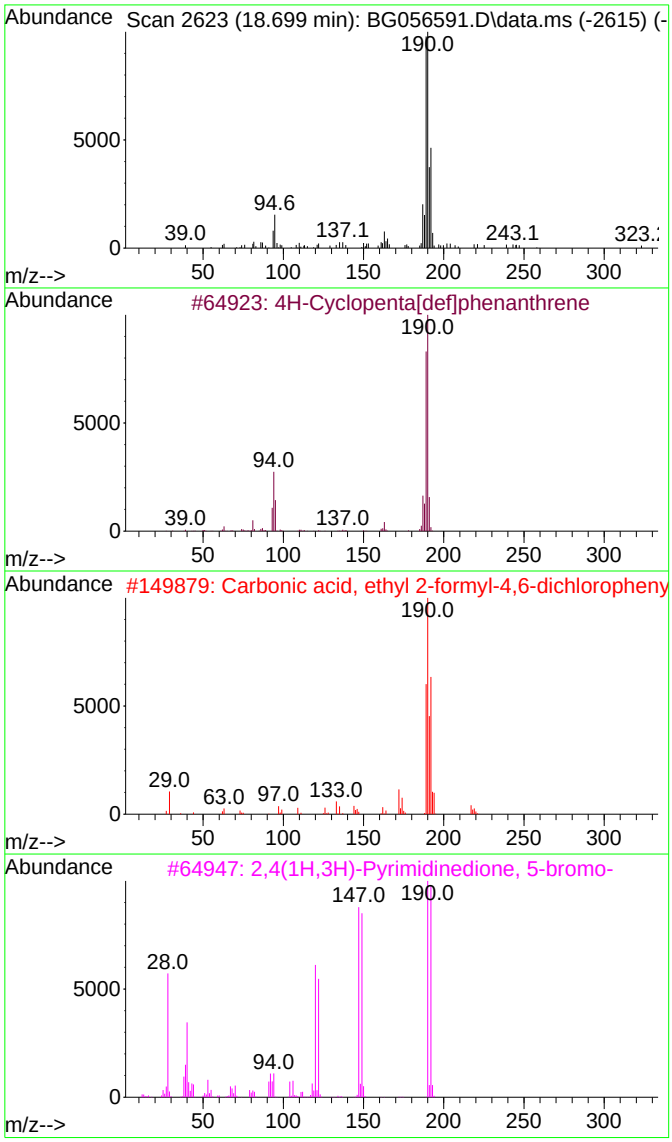
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

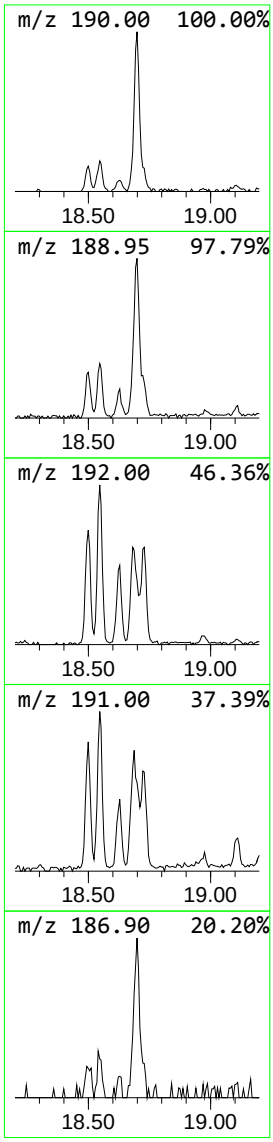
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.699	4.32 ng	127822	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
3	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
4	2,6-Dichloro-5-fluoronicotinonit...	190	C6HCl2FN2	082671-02-1	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

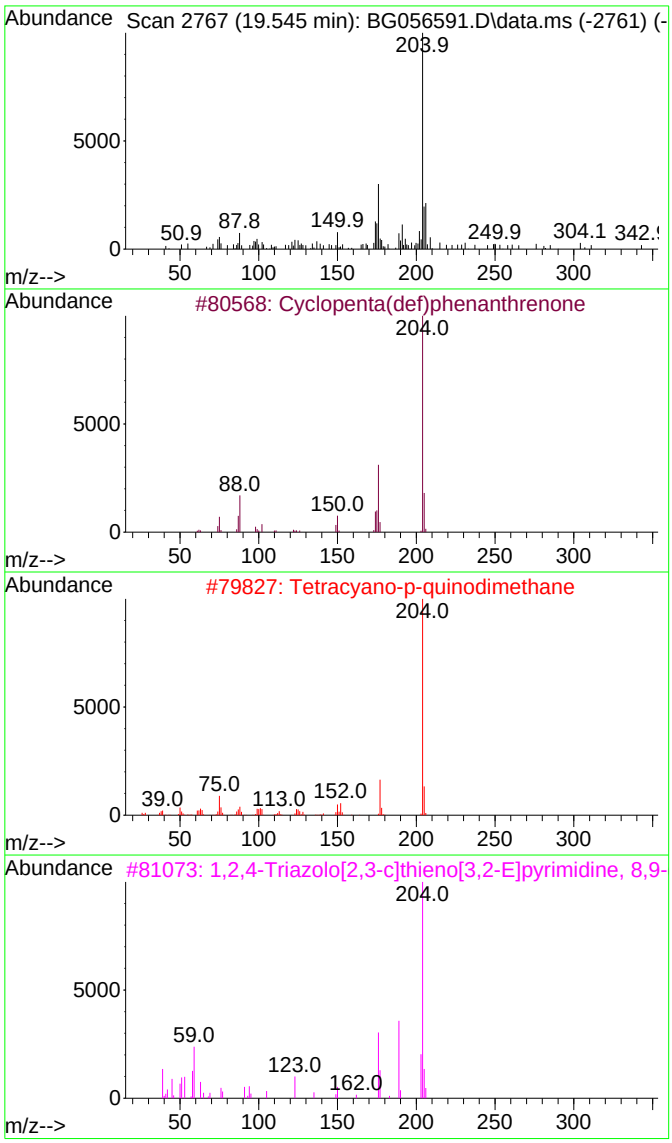
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

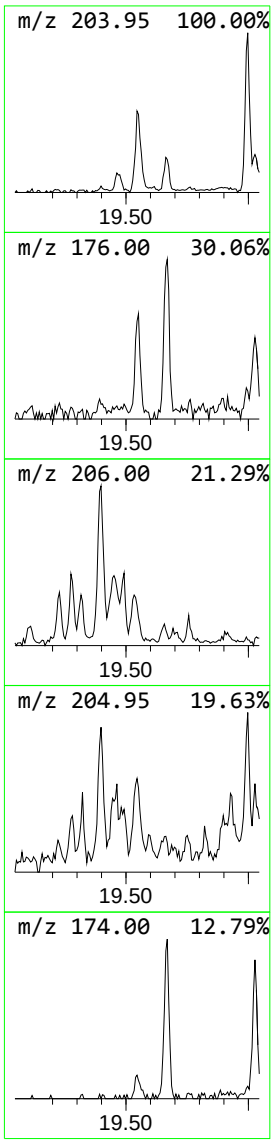
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.545	2.37 ng	70163	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	55
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

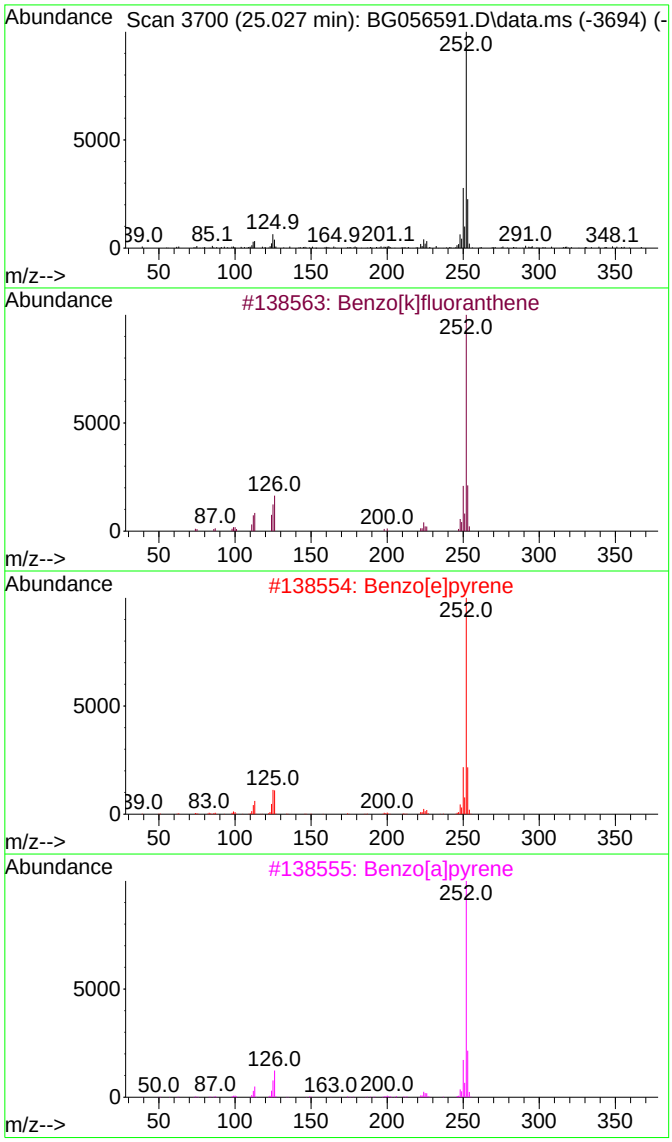
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

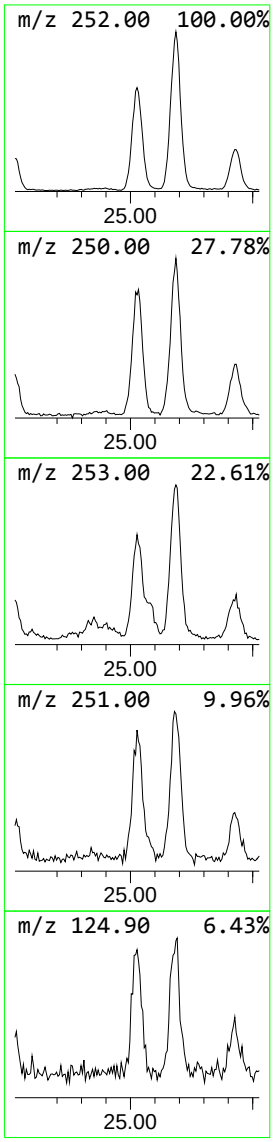
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.027	12.07 ng	292953	Perylene-d12	25.350

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056591.D
Acq On : 8 Feb 2023 21:23
Operator : CG/JU
Sample : 01481-11 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-46-020723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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
2-Pentanone, 4-...	5.303	7.6	ng	80981	1	8.270	213164	20.0
Benzophenone	16.226	2.6	ng	61564	3	14.892	470410	20.0
Phenanthrene, 1...	18.499	2.1	ng	60902	4	17.630	591203	20.0
Phenanthrene, 2...	18.546	2.7	ng	80903	4	17.630	591203	20.0
4H-Cyclopenta[d...	18.699	4.3	ng	127822	4	17.630	591203	20.0
Cyclopenta(def)...	19.545	2.4	ng	70163	4	17.630	591203	20.0
Benzo[e]pyrene	25.027	12.1	ng	292953	6	25.350	485362	20.0