LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022091.D
Acq On : 13 Oct 2022 16:54
Operator : CG/JU
Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGNM1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022091.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	42	46	57	rVB	28760	46850	0.86%	0.097%
2	3.699	118	121	141	rBV	146193	288208	5.29%	0.600%
3	3.934	156	161	169	rBV	28070	49753	0.91%	0.104%
4	4.034	173	178	191	rVB	107206	174400	3.20%	0.363%
5	4.422	240	244	250	rVB3	9866	16111	0.30%	0.034%
6	4.575	267	270	275	rVB2	3912	6288	0.12%	0.013%
7	5.011	337	344	356	rBV	84389	136233	2.50%	0.283%
8	5.405	407	411	416	rBV	10731	17474	0.32%	0.036%
9	5.769	466	473	480	rBV2	4539	9341	0.17%	0.019%
10	5.981	503	509	512	rBV2	5923	10089	0.19%	0.021%
11	6.022	512	516	522	rVB4	3849	7696	0.14%	0.016%
12	6.940	665	672	679	rBV	21823	39290	0.72%	0.082%
13	7.046	684	690	695	rVV8	5036	9591	0.18%	0.020%
14	7.116	695	702	711	rVB	174729	290750	5.34%	0.605%
15	7.287	724	731	741	rVB	665538	1076617	19.78%	2.240%
16	7.481	755	764	775	rBV	619441	977407	17.96%	2.034%
17	7.569	775	779	784	rVB2	3992	5793	0.11%	0.012%
18	7.957	838	845	851	rBV	452099	735119	13.50%	1.530%
19	8.022	851	856	869	rVB	186896	299016	5.49%	0.622%
20	8.216	886	889	895	rBV4	3460	5933	0.11%	0.012%
21	8.675	961	967	978	rBV	521982	839954	15.43%	1.748%
22	8.799	982	988	998	rVB	33550	54841	1.01%	0.114%
23	9.075	1028	1035	1039	rBV2	61579	102313	1.88%	0.213%
24	9.140	1039	1046	1055	rVB	787992	1279935	23.51%	2.663%
25	9.240	1060	1063	1070	rVV4	8764	17460	0.32%	0.036%
26	9.304	1070	1074	1082	rVB4	4946	9120	0.17%	0.019%
27	9.863	1159	1169	1182	rBV	589445	994075	18.26%	2.069%
28	10.404	1254	1261	1274	rBV	883215	1467990	26.97%	3.055%
29	10.563	1284	1288	1297	rVB6	7796	14766	0.27%	0.031%
30	10.646	1297	1302	1306	rBV3	8865	14684	0.27%	0.031%
31	10.698	1306	1311	1319	rVV4	23727	42533	0.78%	0.089%
32	10.787	1319	1326	1333	rVV	712031	1211690	22.26%	2.521%
33	10.846	1333	1336	1341	rVB3	15309	22024	0.40%	0.046%
34	10.934	1343	1351	1370	rVB	801502	1405442	25.82%	2.925%
35	11.098	1375	1379	1384	rVB6	2976	5597	0.10%	0.012%
36	11.216	1395	1399	1405	rVB4	5532	10435	0.19%	0.022%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022091.D
Acq On : 13 Oct 2022 16:54
Operator : CG/JU
Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGNM1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

37	11.457	1434	1440	1447	rVB2	8225	16602	0.30%	0.035%
38	11.598	1458	1464	1470	rBV5	3056	6681	0.12%	0.014%
39	12.322	1580	1587	1592	rBV2	6214	11033	0.20%	0.023%
40	12.387	1592	1598	1602	rVV2	14229	23110	0.42%	0.048%
41	12.434	1602	1606	1613	rVB5	4769	8748	0.16%	0.018%
42	12.622	1629	1638	1646	rVB	8015	14770	0.27%	0.031%
43	12.698	1646	1651	1658	rBV6	2677	5625	0.10%	0.012%
44	12.881	1672	1682	1692	rBV	267423	428812	7.88%	0.892%
45	12.987	1696	1700	1707	rVB2	7517	13869	0.25%	0.029%
46	13.239	1738	1743	1749	rVB	17200	26822	0.49%	0.056%
47	13.475	1774	1783	1788	rBV	72273	105973	1.95%	0.221%
48	13.563	1794	1798	1801	rBV3	6267	7996	0.15%	0.017%
49	14.039	1873	1879	1896	rVB	1842690	2644677	48.58%	5.503%
50	14.328	1921	1928	1937	rBV	2064946	3051805	56.06%	6.350%
51	14.516	1958	1960	1966	rVB4	5326	6946	0.13%	0.014%
52	14.634	1973	1980	1988	rBV	1221082	1801098	33.09%	3.748%
53	14.710	1988	1993	2000	rVB2	16873	24184	0.44%	0.050%
54	14.828	2007	2013	2029	rBV	150356	266594	4.90%	0.555%
55	15.051	2045	2051	2055	rBV5	10828	16779	0.31%	0.035%
56	15.304	2090	2094	2099	rBV	12197	15935	0.29%	0.033%
57	15.422	2106	2114	2116	rBV	12040	16742	0.31%	0.035%
58	15.451	2116	2119	2128	rVB2	16291	28205	0.52%	0.059%
59	15.628	2142	2149	2159	rVB	2685277	3946998	72.51%	8.213%
60	15.745	2162	2169	2184	rBV	810644	1076829	19.78%	2.241%
61	15.863	2184	2189	2194	rVB3	14648	21138	0.39%	0.044%
62	15.910	2194	2197	2202	rVB5	4601	6060	0.11%	0.013%
63	15.992	2205	2211	2216	rBV	28475	41982	0.77%	0.087%
64	16.333	2265	2269	2275	rBV2	9026	12336	0.23%	0.026%
65	16.975	2374	2378	2382	rVB4	5007	6422	0.12%	0.013%
66	17.133	2398	2405	2409	rBV2	11596	16863	0.31%	0.035%
67	17.175	2409	2412	2418	rVB5	4365	8815	0.16%	0.018%
68	17.386	2442	2448	2455	rVV	1477051	2087696	38.35%	4.344%
69	17.486	2458	2465	2476	rVV	3105395	4364551	80.18%	9.082%
70	17.580	2477	2481	2488	rVV2	21822	37481	0.69%	0.078%
71	17.669	2491	2496	2501	rVB	17061	23303	0.43%	0.048%
72	17.875	2527	2531	2535	rBV2	9379	12730	0.23%	0.026%
73	18.057	2556	2562	2569	rVB	585850	740110	13.60%	1.540%
74	18.275	2594	2599	2604	rBV	23185	32917	0.60%	0.068%
75	18.357	2609	2613	2619	rVB	30548	42117	0.77%	0.088%
76	18.539	2641	2644	2646	rBV4	4768	5935	0.11%	0.012%

LSC Area Percent Report

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Operator : CG/JU
Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGNM1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

77	18.569	2646	2649	2653	rVB4	7153	8247	0.15%	0.017%
78	19.204	2754	2757	2762	rBV6	4231	6599	0.12%	0.014%
79	19.351	2777	2782	2786	rBV	35766	51773	0.95%	0.108%
80	19.422	2789	2794	2799	rBV	34773	53664	0.99%	0.112%
81	19.557	2813	2817	2821	rBV3	17842	25319	0.47%	0.053%
82	19.710	2840	2843	2847	rVB5	9172	10069	0.18%	0.021%
83	19.786	2850	2856	2870	rVV	3609092	4913029	90.25%	10.224%
84	21.580	3156	3161	3168	rBV	1726021	2326620	42.74%	4.841%
85	23.892	3546	3554	3569	rVB2	2653611	5443597	100.00%	11.328%
86	24.051	3574	3581	3596	rVB2	1181623	2495135	45.84%	5.192%

Sum of corrected areas: 48056159

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Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
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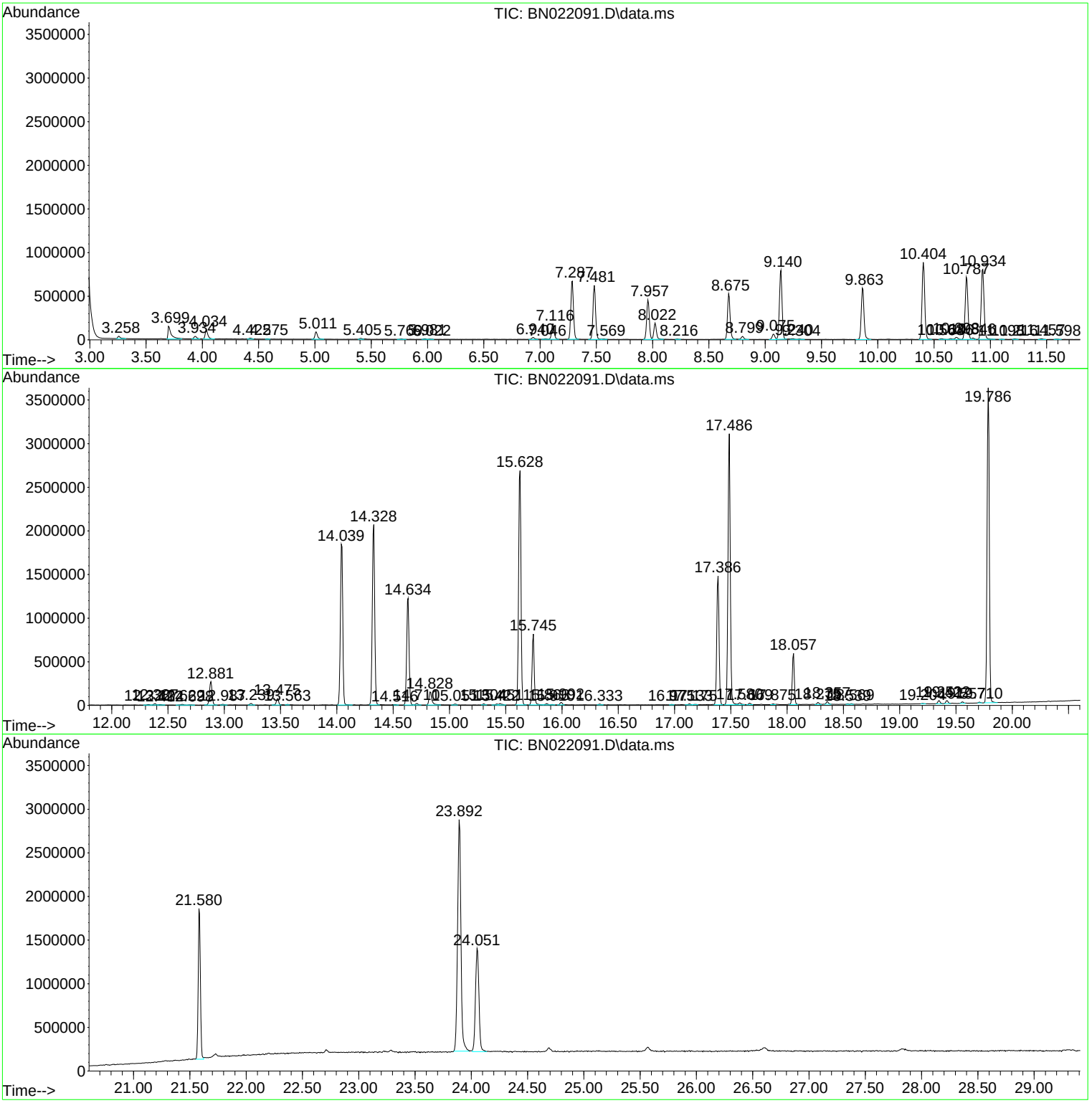
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022091.D
Acq On : 13 Oct 2022 16:54
Operator : CG/JU
Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

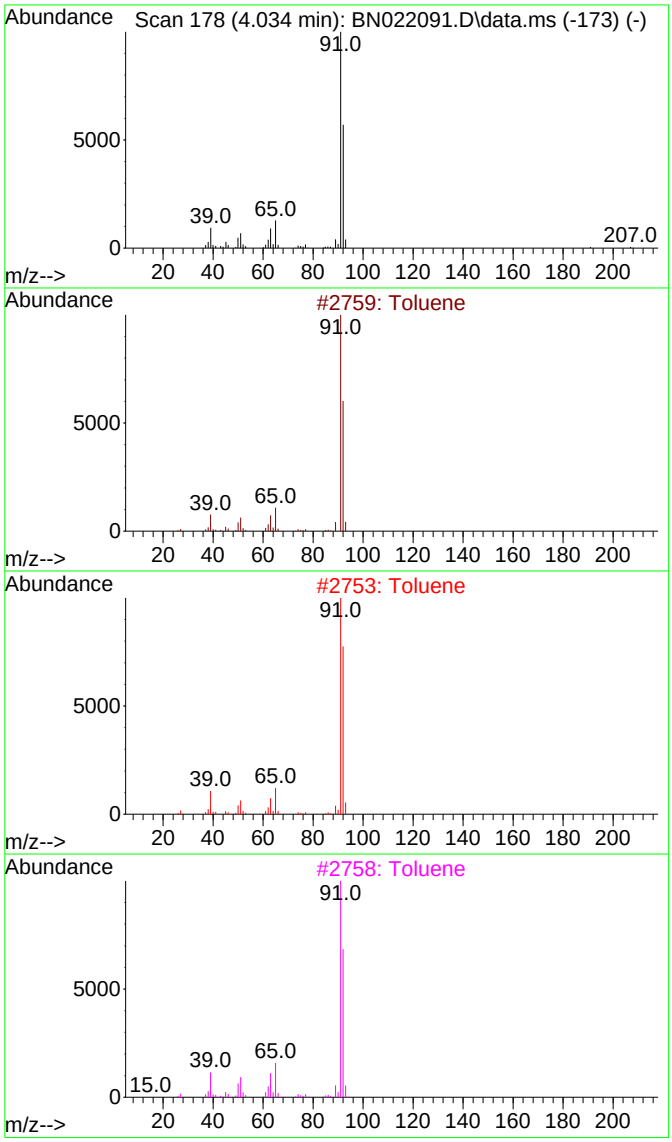
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

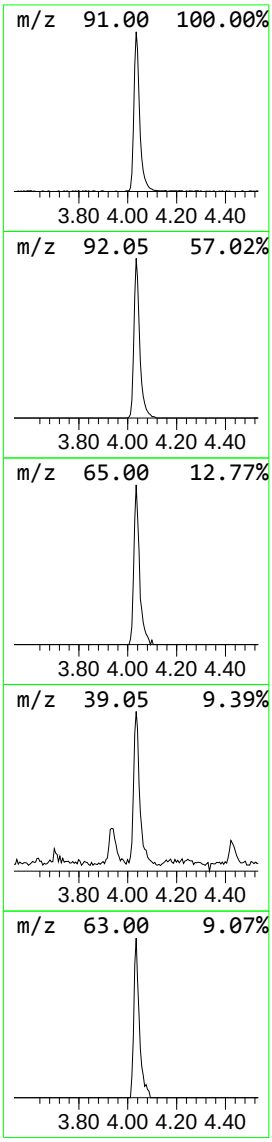
****

Peak Number 1 Toluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.034	4.74 ng/ul	174400	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	93
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022091.D
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Operator : CG/JU
Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGNM1

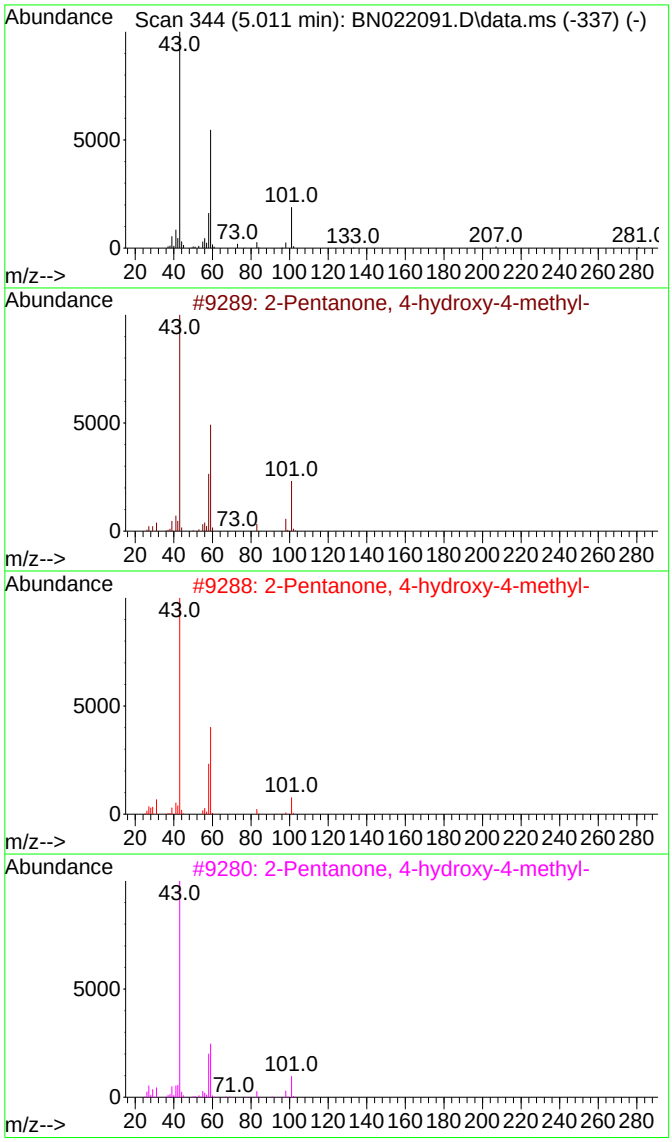
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

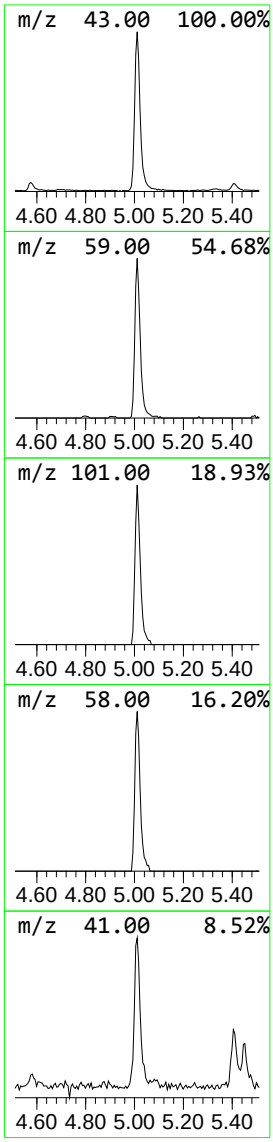
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.011	3.71 ng/ul	136233	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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Sample : N4984-12
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Instrument :
BNA_N
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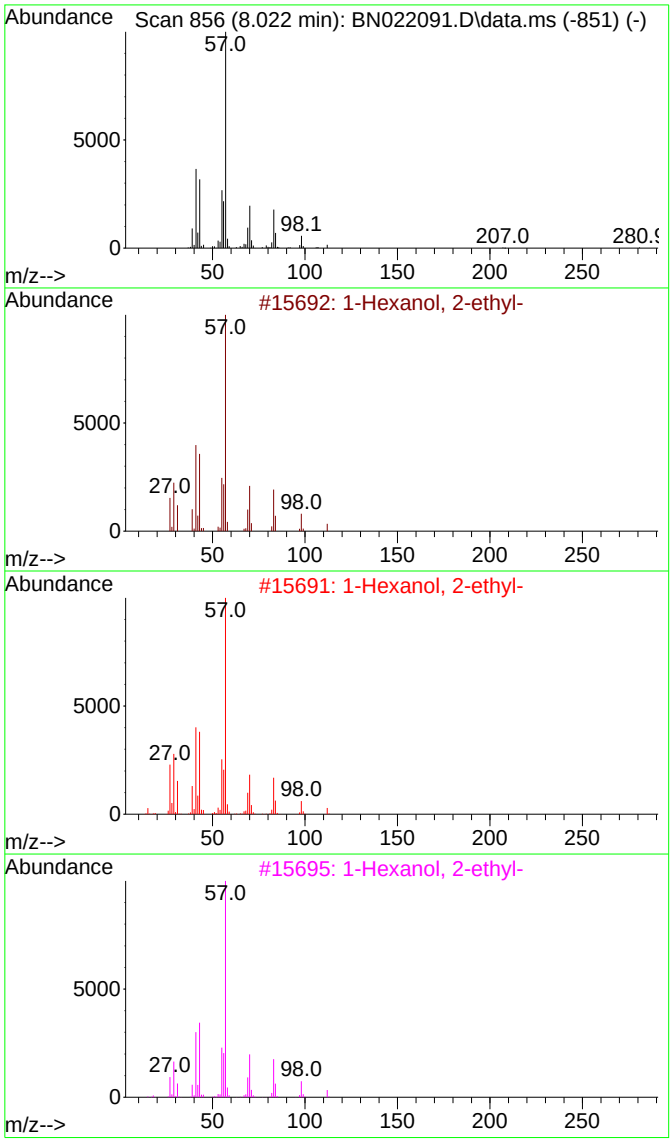
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

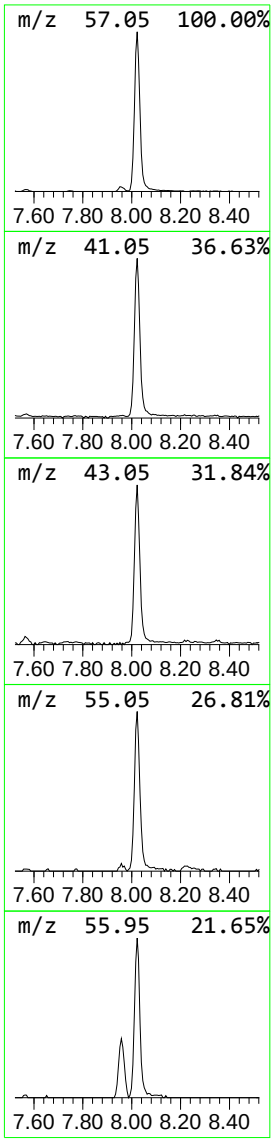
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	8.14 ng/ul	299016	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	53





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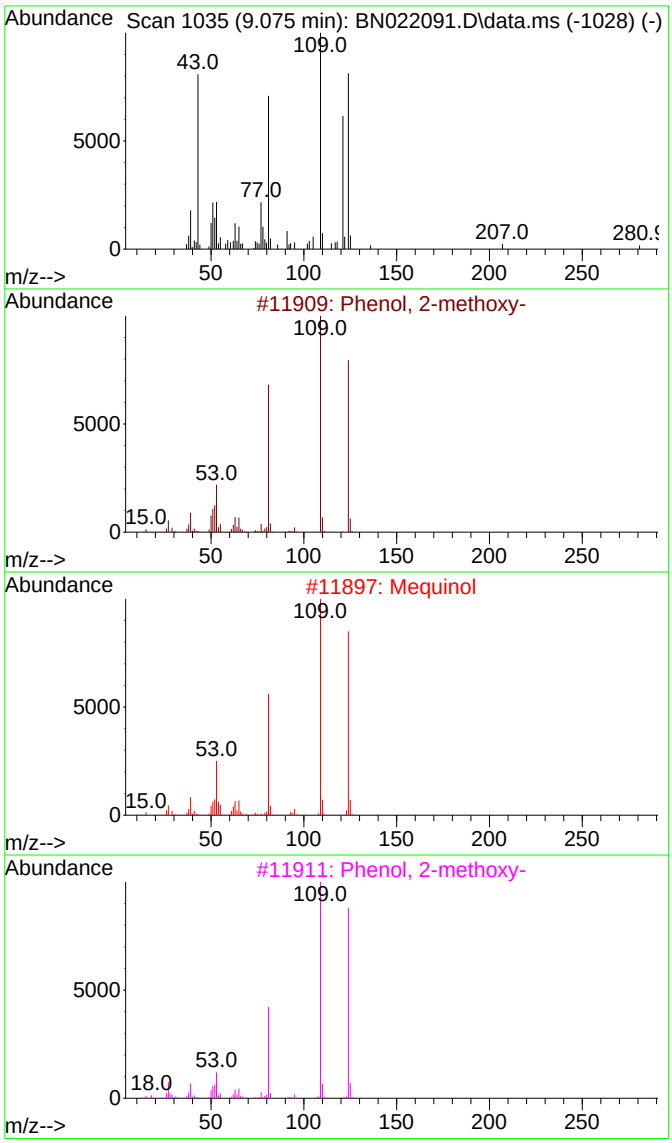
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

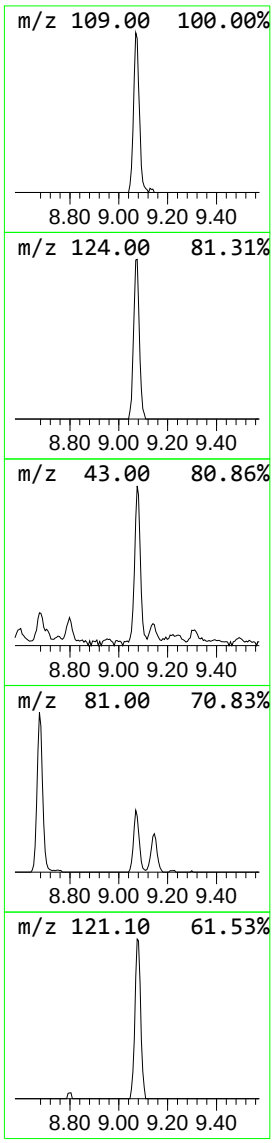
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 2-methoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	2.78 ng/ul	102313	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Mequinol	124	C7H8O2	000150-76-5	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	89
4	Mequinol	124	C7H8O2	000150-76-5	76
5	Mequinol	124	C7H8O2	000150-76-5	76





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Data File : BN022091.D
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Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

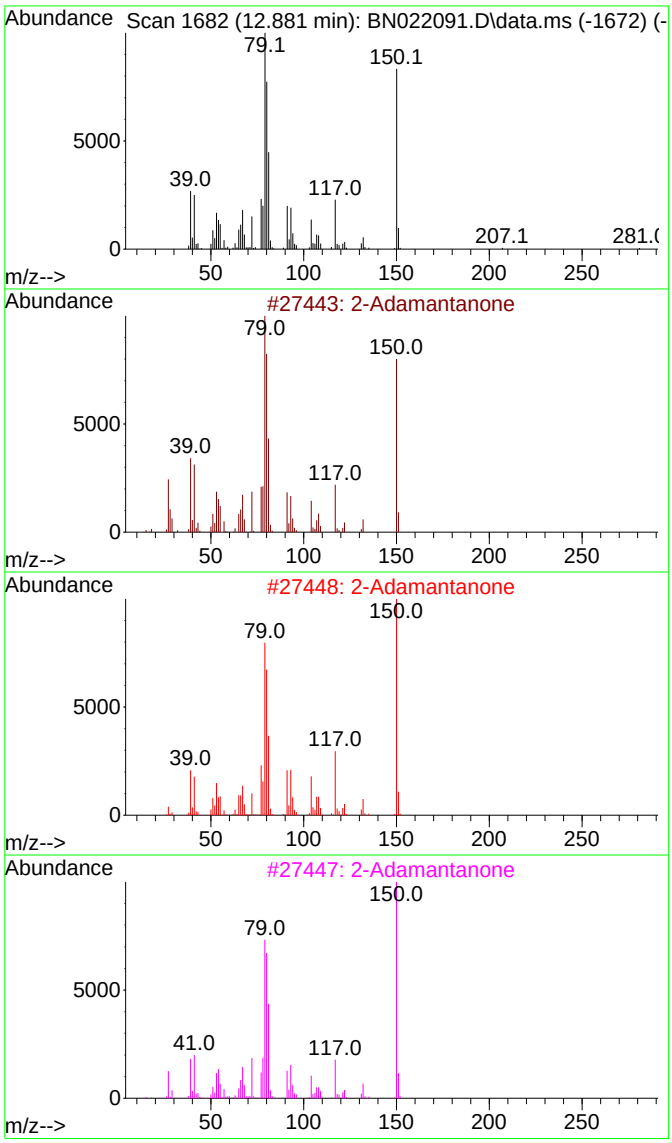
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

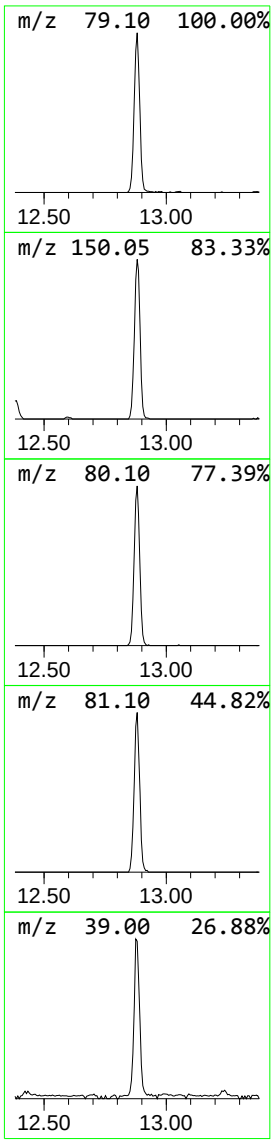
****

Peak Number 5 2-Adamantanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.881	4.76 ng/ul	428812	Acenaphthene-d10	14.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Adamantanone	150	C10H14O	000700-58-3	96
2	2-Adamantanone	150	C10H14O	000700-58-3	96
3	2-Adamantanone	150	C10H14O	000700-58-3	94
4	(E,E)-1,3,5-Undecatriene	150	C11H18	019883-29-5	72
5	Bicyclobutylidene	108	C8H12	006708-14-1	59





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Data File : BN022091.D
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Operator : CG/JU
Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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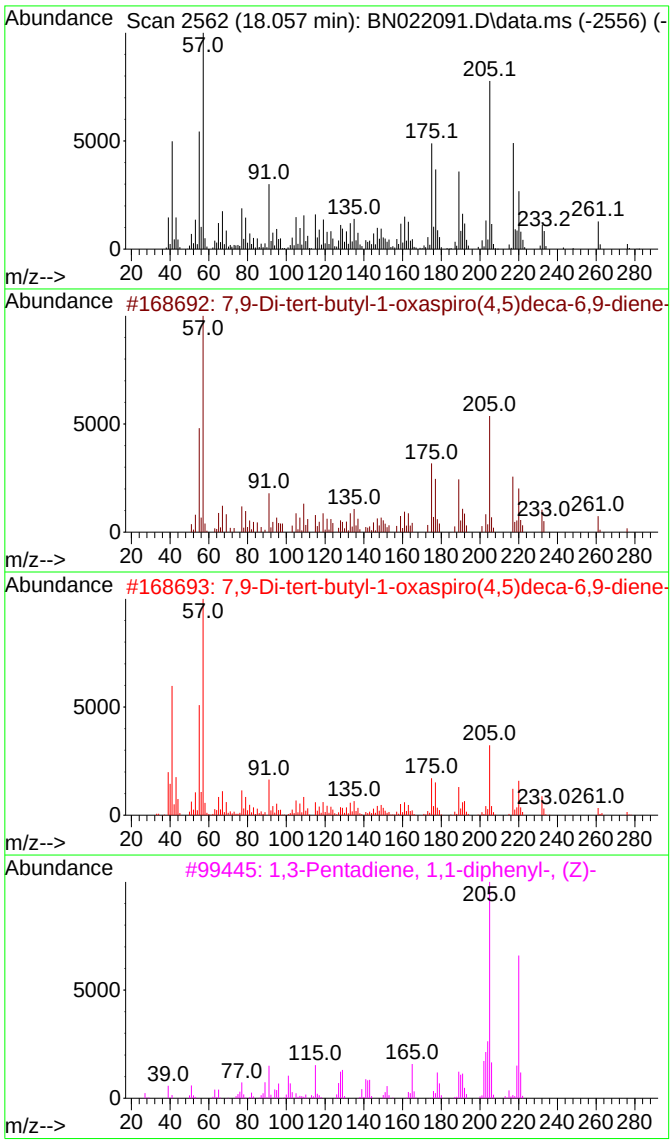
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

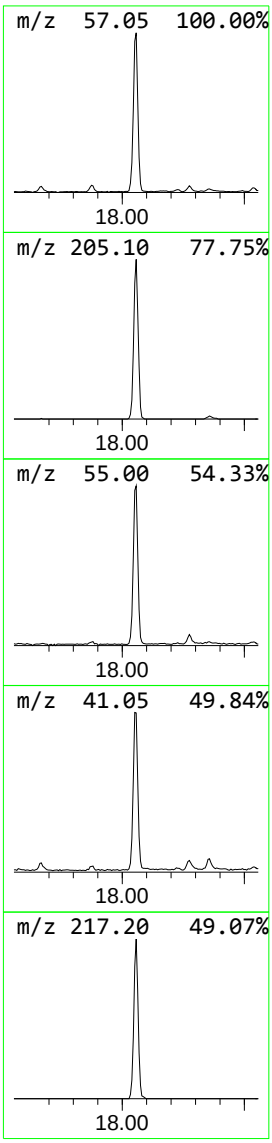
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	7.09 ng/ul	740110	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	60
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	55
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	3H-Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022091.D
Acq On : 13 Oct 2022 16:54
Operator : CG/JU
Sample : N4984-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGNM1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA 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
Toluene	4.034	4.7	ng/ul	174400	1	7.957	735119	20.0
2-Pentanone, 4-...	5.011	3.7	ng/ul	136233	1	7.957	735119	20.0
1-Hexanol, 2-et...	8.022	8.1	ng/ul	299016	1	7.957	735119	20.0
Phenol, 2-methoxy-	9.075	2.8	ng/ul	102313	1	7.957	735119	20.0
2-Adamantanone	12.881	4.8	ng/ul	428812	3	14.634	1801100	20.0
7,9-Di-tert-but...	18.057	7.1	ng/ul	740110	4	17.386	2087700	20.0