LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0MK3

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_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014765.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	3	5	23	rVB	1220449	1325605	15.04%	1.641%
2	3.487	47	51	55	rBV	58611	71807	0.81%	0.089%
3	3.523	55	57	61	rVB	19178	20855	0.24%	0.026%
4	3.764	94	98	110	rBV	54747	97740	1.11%	0.121%
5	3.922	123	125	140	rBV	144378	218754	2.48%	0.271%
6	4.164	161	166	171	rVB3	9321	14823	0.17%	0.018%
7	4.264	178	183	191	rVB	25111	38087	0.43%	0.047%
8	4.387	201	204	210	rVB	8865	11609	0.13%	0.014%
9	4.634	242	246	252	rVB6	11692	16852	0.19%	0.021%
10	5.199	338	342	351	rVB5	12266	22016	0.25%	0.027%
11	5.422	373	380	392	rBV	5761257	8814186	100.00%	10.910%
12	5.646	414	418	423	rVB2	10368	16569	0.19%	0.021%
13	5.787	436	442	446	rBV3	11040	17725	0.20%	0.022%
14	6.522	559	567	575	rVB6	9250	21028	0.24%	0.026%
15	6.693	591	596	603	rVB2	10236	16428	0.19%	0.020%
16	7.087	659	663	670	rBV3	12151	20685	0.23%	0.026%
17	7.158	670	675	681	rVB	15744	28443	0.32%	0.035%
18	7.287	690	697	704	rVB	294678	459090	5.21%	0.568%
19	7.463	721	727	735	rBV	1034109	1634956	18.55%	2.024%
20	7.675	752	763	771	rBV	1135985	1816307	20.61%	2.248%
21	8.040	818	825	830	rBV	119464	189231	2.15%	0.234%
22	8.099	830	835	838	rVV	68775	108006	1.23%	0.134%
23	8.152	838	844	847	rVV	1027974	1731772	19.65%	2.144%
24	8.187	847	850	863	rVB	917890	1336977	15.17%	1.655%
25	8.510	896	905	911	rBV	1149832	1862496	21.13%	2.305%
26	8.563	911	914	918	rVB2	12236	17330	0.20%	0.021%
27	8.687	931	935	938	rBV6	6190	9273	0.11%	0.011%
28	8.752	941	946	954	rVB6	8079	17450	0.20%	0.022%
29	8.846	954	962	974	rBV	779776	1267174	14.38%	1.568%
30	9.322	1033	1043	1053	rBV	1170138	1933825	21.94%	2.394%
31	9.405	1053	1057	1061	rVB3	17417	25189	0.29%	0.031%
32	9.475	1067	1069	1076	rVB8	7281	9807	0.11%	0.012%
33	9.552	1076	1082	1088	rVB3	7572	13234	0.15%	0.016%
34	9.734	1108	1113	1117	rVB4	9532	13063	0.15%	0.016%
35	10.046	1160	1166	1179	rVB	877325	1414667	16.05%	1.751%
36	10.246	1194	1200	1206	rBV4	11780	18727	0.21%	0.023%

LSC Area Percent Report

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Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

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_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

37	10.328	1208	1214	1220	rVB2	15022	25045	0.28%	0.031%
38	10.587	1250	1258	1269	rBV	1433848	2363452	26.81%	2.925%
39	10.840	1291	1301	1306	rBV2	123809	215799	2.45%	0.267%
40	10.975	1316	1324	1332	rBV	1402746	2348507	26.64%	2.907%
41	11.028	1332	1333	1338	rVV2	9922	10454	0.12%	0.013%
42	11.104	1338	1346	1358	rVB	326248	565262	6.41%	0.700%
43	11.363	1386	1390	1398	rVB4	16538	33210	0.38%	0.041%
44	11.628	1430	1435	1437	rBV6	5630	9282	0.11%	0.011%
45	11.734	1448	1453	1459	rBV4	18649	33852	0.38%	0.042%
46	12.093	1509	1514	1521	rBV2	25315	40176	0.46%	0.050%
47	12.299	1541	1549	1556	rBV	24465	46080	0.52%	0.057%
48	12.440	1569	1573	1579	rBV4	7001	10812	0.12%	0.013%
49	12.546	1586	1591	1597	rVB2	29284	45931	0.52%	0.057%
50	12.622	1597	1604	1609	rBV3	13909	22781	0.26%	0.028%
51	12.828	1633	1639	1644	rBV5	8863	19003	0.22%	0.024%
52	12.981	1660	1665	1671	rVV5	9078	13363	0.15%	0.017%
53	13.140	1687	1692	1698	rBV8	5416	10384	0.12%	0.013%
54	13.587	1759	1768	1776	rBV8	38540	70781	0.80%	0.088%
55	13.675	1776	1783	1791	rBV	190104	306122	3.47%	0.379%
56	13.787	1800	1802	1807	rVB4	8809	11064	0.13%	0.014%
57	14.181	1861	1869	1875	rBV	2876703	3853747	43.72%	4.770%
58	14.304	1885	1890	1894	rBV8	9062	14943	0.17%	0.018%
59	14.410	1904	1908	1912	rBV7	6983	13759	0.16%	0.017%
60	14.475	1912	1919	1926	rVV	3255506	4745748	53.84%	5.874%
61	14.663	1948	1951	1956	rVB6	6788	9590	0.11%	0.012%
62	14.781	1962	1971	1978	rBV	2093923	3042115	34.51%	3.765%
63	14.845	1978	1982	1985	rVB2	15677	22127	0.25%	0.027%
64	14.945	1993	1999	2007	rBV	218527	320878	3.64%	0.397%
65	15.098	2019	2025	2029	rBV8	13476	24488	0.28%	0.030%
66	15.175	2033	2038	2045	rVB3	28860	51927	0.59%	0.064%
67	15.510	2089	2095	2102	rBV	202955	286148	3.25%	0.354%
68	15.581	2103	2107	2110	rVV2	11925	20293	0.23%	0.025%
69	15.769	2132	2139	2146	rBV	4223497	5813593	65.96%	7.196%
70	15.822	2146	2148	2151	rVV3	19209	22870	0.26%	0.028%
71	15.875	2151	2157	2167	rVB	837636	1143356	12.97%	1.415%
72	16.010	2176	2180	2187	rVB2	19066	29970	0.34%	0.037%
73	16.128	2193	2200	2209	rBV	693596	909076	10.31%	1.125%
74	16.263	2218	2223	2228	rBV9	5376	11260	0.13%	0.014%
75	16.451	2247	2255	2267	rVB2	65064	149184	1.69%	0.185%
76	16.551	2269	2272	2278	rVB8	6282	9871	0.11%	0.012%

LSC Area Percent Report

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Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

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
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

77	16.692	2293	2296	2301	rVB2	16238	23555	0.27%	0.029%
78	16.992	2343	2347	2352	rVB8	6703	11448	0.13%	0.014%
79	17.057	2354	2358	2363	rBV7	8048	12080	0.14%	0.015%
80	17.316	2398	2402	2405	rBV3	14323	20073	0.23%	0.025%
81	17.398	2412	2416	2420	rBV3	12773	17506	0.20%	0.022%
82	17.528	2431	2438	2443	rBV	2277158	3218581	36.52%	3.984%
83	17.569	2443	2445	2449	rVB	64077	77550	0.88%	0.096%
84	17.628	2449	2455	2465	rBV	4213292	6236799	70.76%	7.720%
85	18.381	2578	2583	2589	rBV	302012	417825	4.74%	0.517%
86	18.463	2594	2597	2601	rVB2	25409	33986	0.39%	0.042%
87	18.863	2661	2665	2670	rBV3	23749	31264	0.35%	0.039%
88	19.016	2688	2691	2695	rVB4	13185	17516	0.20%	0.022%
89	19.422	2755	2760	2764	rBV	74793	104385	1.18%	0.129%
90	19.486	2765	2771	2774	rVV	60617	103835	1.18%	0.129%
91	19.516	2774	2776	2781	rVB	42109	48772	0.55%	0.060%
92	19.604	2787	2791	2800	rBV	318455	447199	5.07%	0.554%
93	19.845	2826	2832	2843	rBV	4726791	6268509	71.12%	7.759%
94	20.716	2977	2980	2985	rVB	38589	46485	0.53%	0.058%
95	20.780	2987	2991	2995	rVV4	51602	80108	0.91%	0.099%
96	21.275	3071	3075	3081	rBV	221611	308095	3.50%	0.381%
97	21.598	3125	3130	3138	rBV	2116932	2935497	33.30%	3.633%
98	22.527	3286	3288	3296	rVB6	69018	96240	1.09%	0.119%
99	24.004	3532	3539	3558	rVB2	2775443	5848978	66.36%	7.240%
100	24.174	3561	3568	3579	rVB2	1464973	3036665	34.45%	3.759%

Sum of corrected areas: 80791040

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
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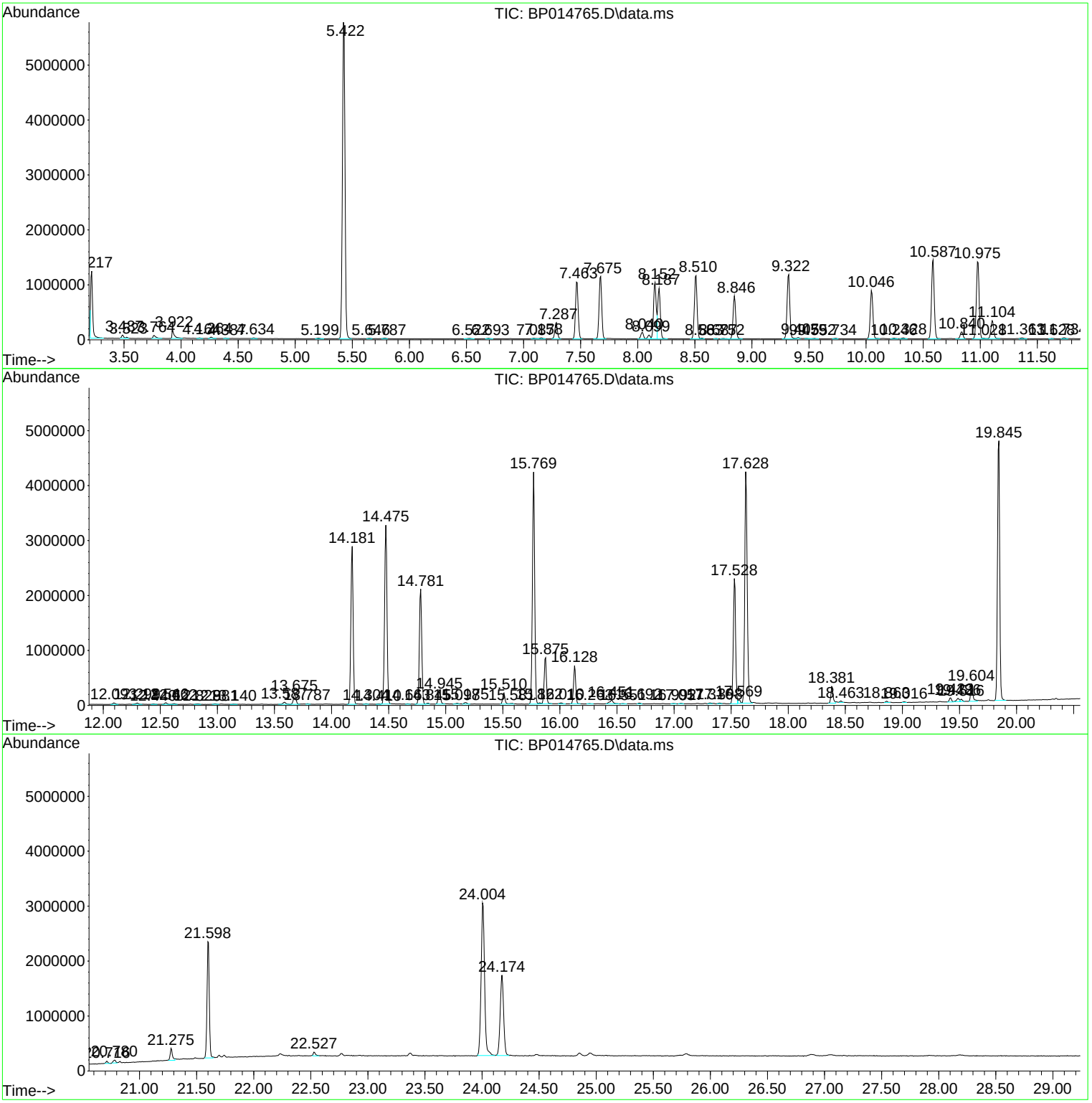
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

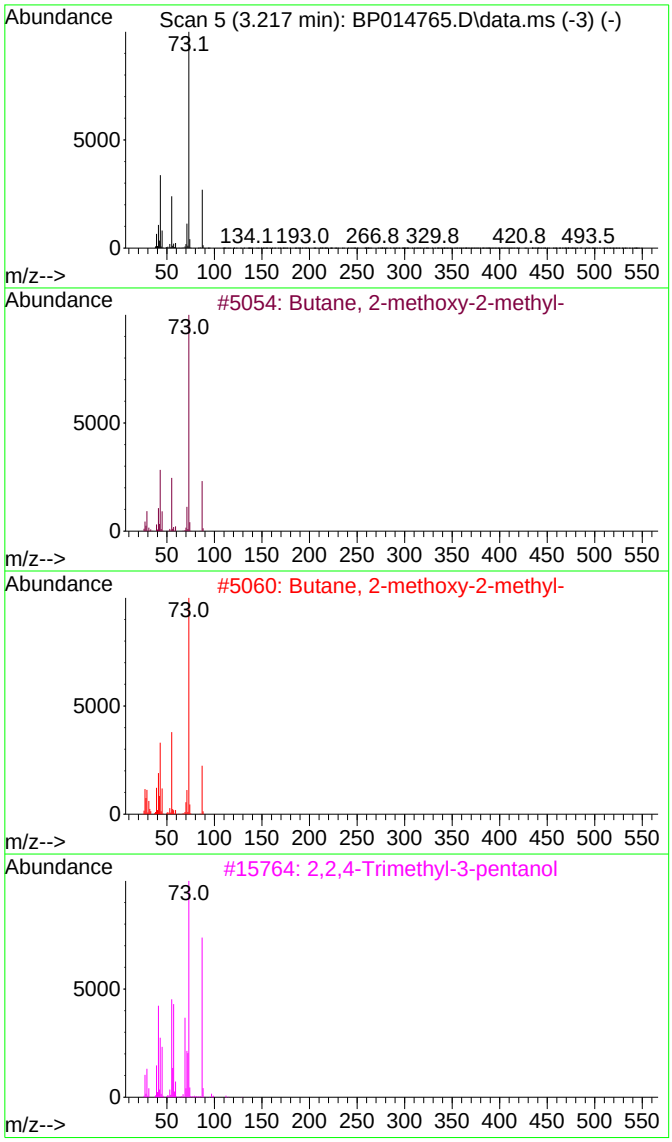
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

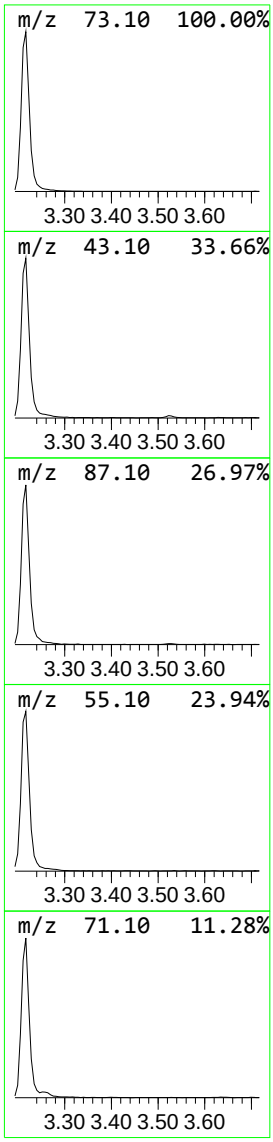
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.217	15.31 ng/ul	1325610	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

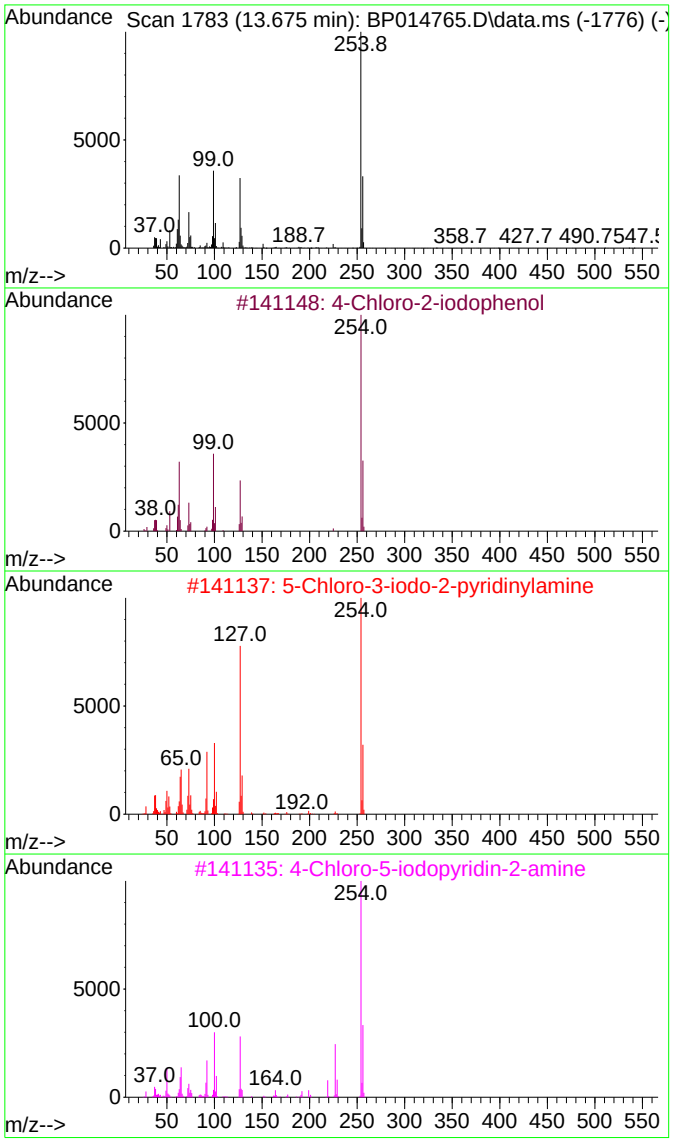
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

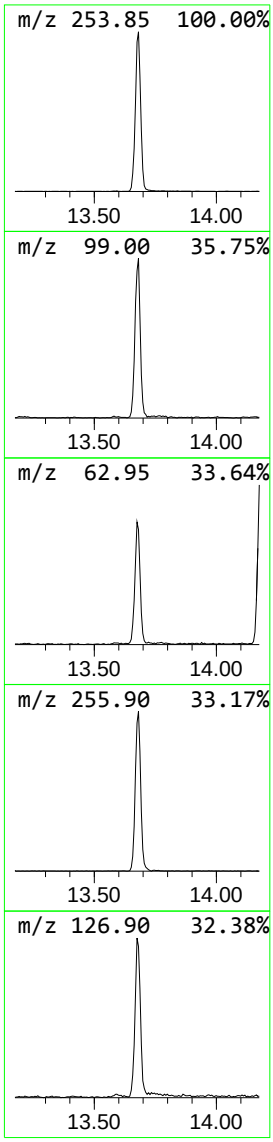
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Chloro-2-iodophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.675	2.01 ng/ul	306122	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-iodophenol	254	C6H4ClIO	071643-66-8	98
2	5-Chloro-3-iodo-2-pyridinylamine	254	C5H4ClIN2	211308-81-5	46
3	4-Chloro-5-iodopyridin-2-amine	254	C5H4ClIN2	670253-37-9	38
4	2-Boc-Amino-3-iodo-4-chloropyridine	354	C10H12ClIN2O2	868733-96-4	37
5	Naphthalene, 1-iodo-	254	C10H7I	000090-14-2	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

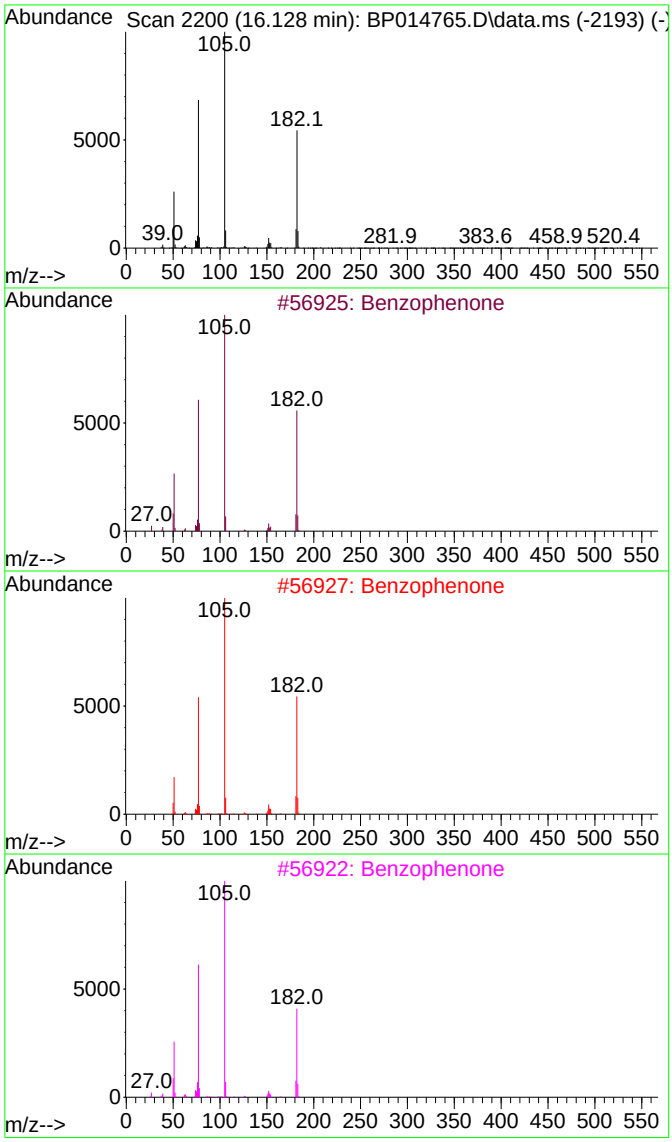
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

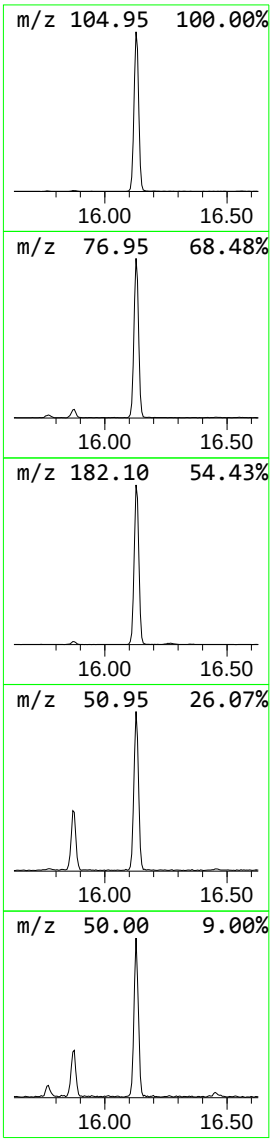
****

Peak Number 6 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	5.98 ng/ul	909076	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
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Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

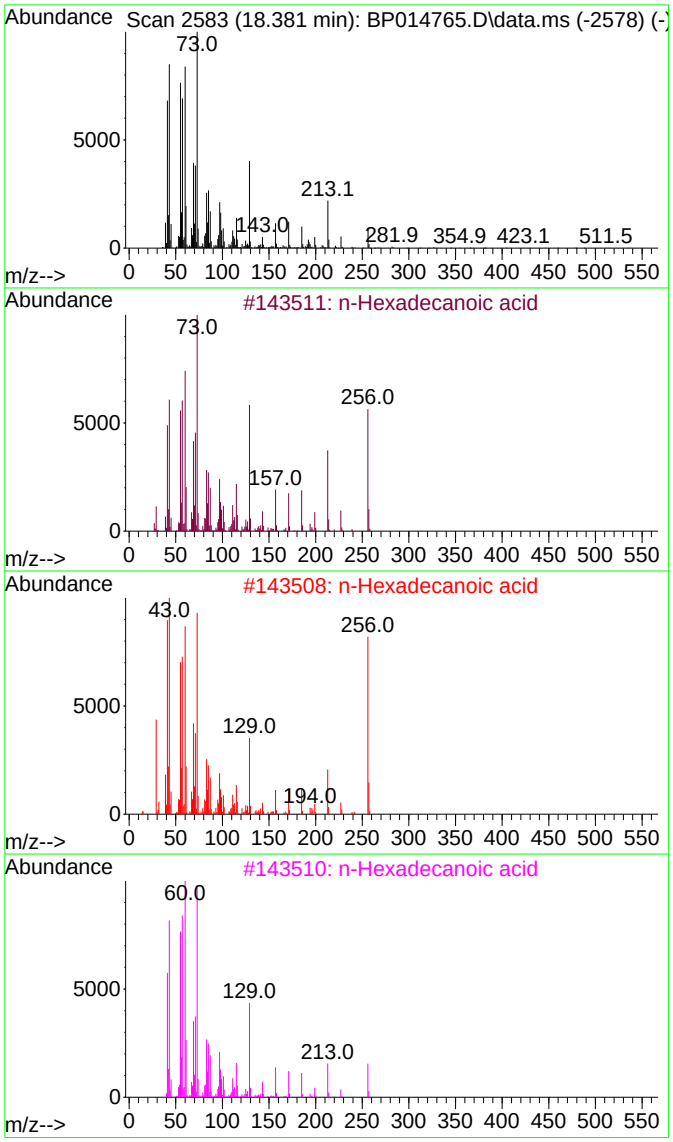
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

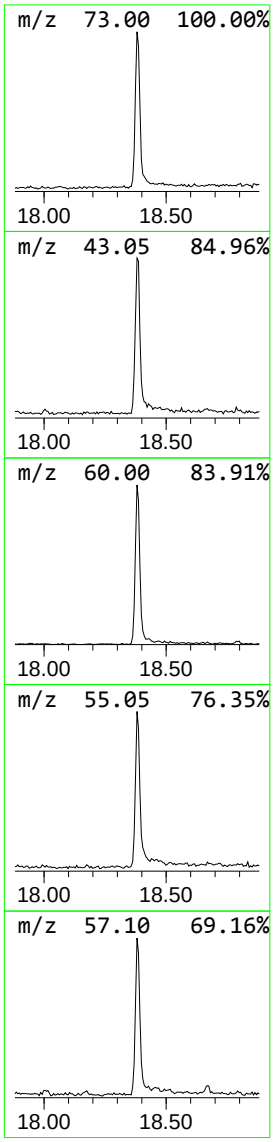
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	2.60 ng/ul	417825	Phenanthrene-d10	17.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

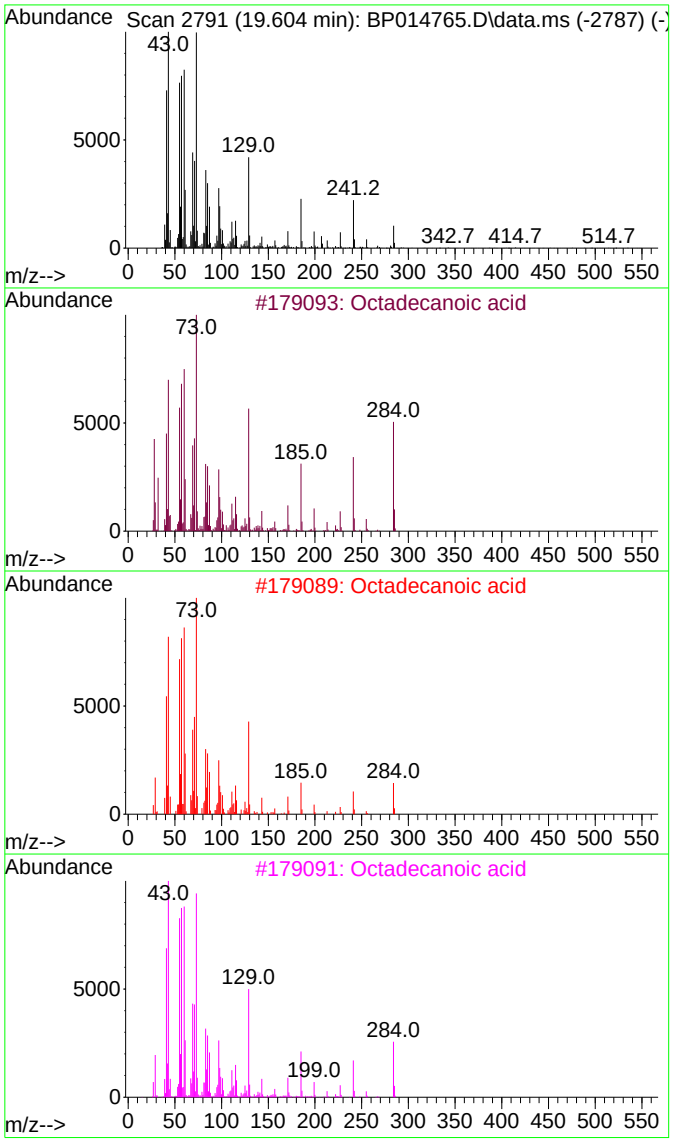
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

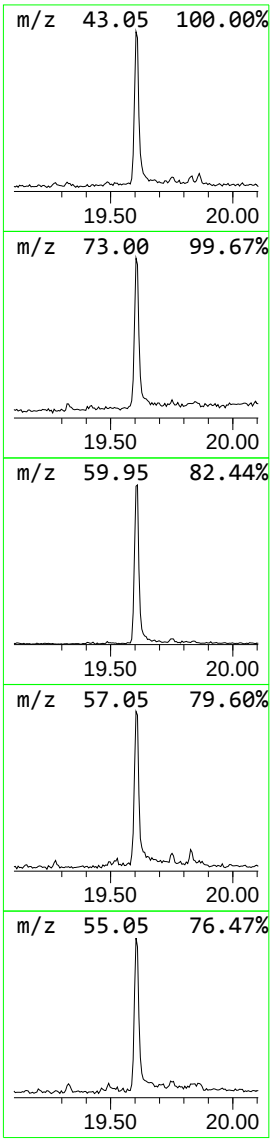
****

Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.604	3.05 ng/ul	447199	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

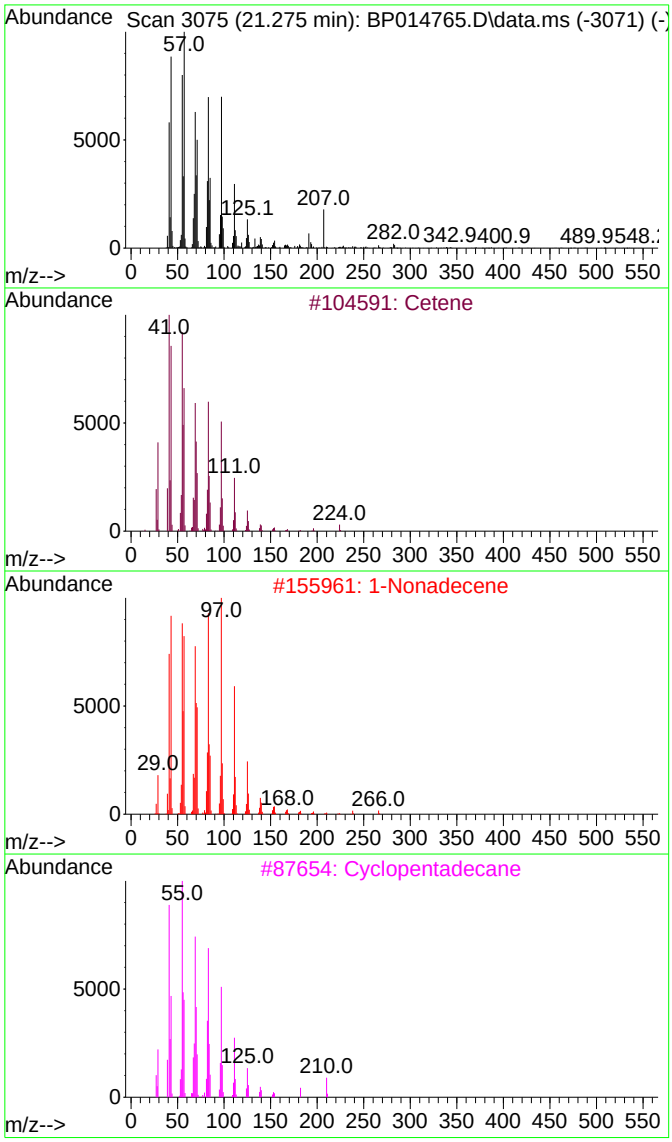
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

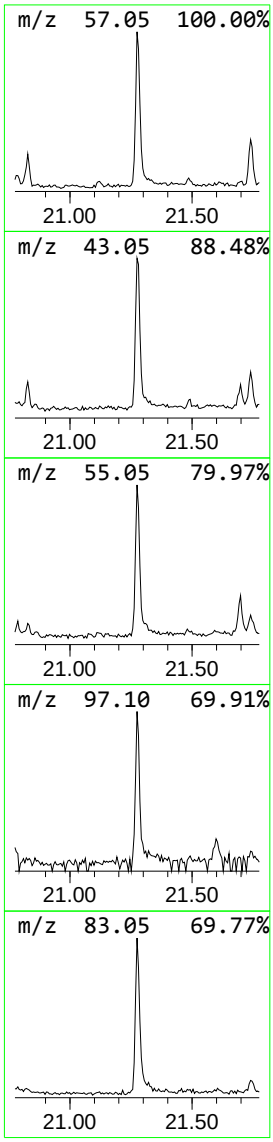
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.275	2.10 ng/ul	308095	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	96
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014765.D
Acq On : 20 Apr 2023 20:12
Operator : CG/JU
Sample : 02378-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MK3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.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
Butane, 2-metho...	3.217	15.3	ng/ul	1325610	1	8.152	1731770	20.0
4-Chloro-2-iodo...	13.675	2.0	ng/ul	306122	3	14.781	3042120	20.0
Benzophenone	16.128	6.0	ng/ul	909076	3	14.781	3042120	20.0
n-Hexadecanoic ...	18.381	2.6	ng/ul	417825	4	17.528	3218580	20.0
Octadecanoic acid	19.604	3.0	ng/ul	447199	5	21.598	2935500	20.0
(DEL) Alkane: S...	21.275	2.1	ng/ul	308095	5	21.598	2935500	20.0