LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGRG4DL

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018945.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.999	152	155	160	rBV	14111	16758	0.25%	0.032%
2	4.928	309	313	318	rBV	6611	11330	0.17%	0.021%
3	7.005	661	666	677	rVB	88907	158262	2.36%	0.299%
4	7.163	686	693	707	rVB	69138	121489	1.81%	0.229%
5	7.357	720	726	733	rBV	88924	144235	2.15%	0.272%
6	7.828	798	806	818	rBV	744059	1162123	17.30%	2.194%
7	8.369	894	898	908	rVB	4985	12348	0.18%	0.023%
8	8.546	920	928	936	rBV	106256	179100	2.67%	0.338%
9	8.657	942	947	954	rVB	57314	88718	1.32%	0.167%
10	8.993	996	1004	1010	rBV	77683	134086	2.00%	0.253%
11	9.710	1118	1126	1132	rBV2	59364	99034	1.47%	0.187%
12	9.893	1149	1157	1162	rBV9	7029	16477	0.25%	0.031%
13	10.251	1212	1218	1225	rBV	99860	179882	2.68%	0.340%
14	10.487	1255	1258	1262	rBV6	8308	11975	0.18%	0.023%
15	10.622	1271	1281	1288	rBV	908966	1510452	22.49%	2.851%
16	10.669	1288	1289	1295	rVB	26487	30964	0.46%	0.058%
17	10.775	1299	1307	1319	rBV	47284	106096	1.58%	0.200%
18	11.704	1460	1465	1471	rBV10	8000	13910	0.21%	0.026%
19	12.140	1532	1539	1543	rBV10	5401	11179	0.17%	0.021%
20	12.287	1558	1564	1570	rBV	18488	32046	0.48%	0.060%
21	12.504	1596	1601	1605	rBV2	16975	24780	0.37%	0.047%
22	13.292	1730	1735	1742	rVB5	11696	20893	0.31%	0.039%
23	13.363	1742	1747	1752	rVV3	23640	37749	0.56%	0.071%
24	13.487	1765	1768	1772	rVV4	6596	11309	0.17%	0.021%
25	13.628	1787	1792	1793	rBV4	9441	12666	0.19%	0.024%
26	13.639	1793	1794	1801	rVB7	9002	11469	0.17%	0.022%
27	13.787	1813	1819	1823	rVV2	19030	32076	0.48%	0.061%
28	13.834	1823	1827	1829	rVV3	11849	16645	0.25%	0.031%
29	13.875	1829	1834	1839	rVV	203647	278758	4.15%	0.526%
30	13.922	1839	1842	1850	rVB9	9019	18313	0.27%	0.035%
31	14.016	1855	1858	1861	rBV4	9296	12592	0.19%	0.024%
32	14.151	1874	1881	1897	rBV3	245628	450225	6.70%	0.850%
33	14.463	1921	1934	1940	rVV	1348948	2050837	30.53%	3.871%
34	14.522	1940	1944	1954	rVV	185455	288923	4.30%	0.545%
35	14.616	1954	1960	1965	rVV4	17890	37272	0.55%	0.070%
36	14.686	1966	1972	1979	rVV5	29855	69916	1.04%	0.132%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	14.769	1982	1986	1991	rVV2	20223	35938	0.54%	0.068%
38	14.857	1994	2001	2010	rVV	64131	114196	1.70%	0.216%
39	14.934	2011	2014	2019	rVB5	15898	23837	0.35%	0.045%
40	15.010	2022	2027	2033	rBV	30408	49422	0.74%	0.093%
41	15.075	2034	2038	2043	rVV5	11216	21376	0.32%	0.040%
42	15.134	2043	2048	2057	rBV6	28305	54329	0.81%	0.103%
43	15.251	2062	2068	2071	rBV8	9677	20256	0.30%	0.038%
44	15.451	2094	2102	2107	rBV	353701	515363	7.67%	0.973%
45	15.510	2107	2112	2117	rVV	143323	226067	3.37%	0.427%
46	15.592	2121	2126	2130	rVV6	20547	45713	0.68%	0.086%
47	15.633	2130	2133	2136	rVV3	25477	32939	0.49%	0.062%
48	15.669	2136	2139	2144	rVV3	31355	46169	0.69%	0.087%
49	15.722	2144	2148	2151	rVV3	18984	29003	0.43%	0.055%
50	15.757	2151	2154	2158	rVV3	18284	25731	0.38%	0.049%
51	15.804	2158	2162	2168	rVB	32515	51035	0.76%	0.096%
52	15.951	2183	2187	2194	rVB2	33302	66726	0.99%	0.126%
53	16.186	2220	2227	2232	rVB7	24165	55130	0.82%	0.104%
54	16.516	2272	2283	2287	rBV4	53200	127801	1.90%	0.241%
55	16.563	2287	2291	2296	rVB3	22783	35778	0.53%	0.068%
56	16.663	2306	2308	2314	rVB4	21114	26875	0.40%	0.051%
57	16.745	2314	2322	2324	rBV4	21527	45608	0.68%	0.086%
58	16.780	2325	2328	2332	rVB4	36053	49044	0.73%	0.093%
59	16.863	2339	2342	2350	rVB3	37137	57256	0.85%	0.108%
60	16.945	2352	2356	2357	rBV3	23041	30169	0.45%	0.057%
61	17.028	2366	2370	2378	rVB	83888	125475	1.87%	0.237%
62	17.210	2395	2401	2405	rBV	1862040	2661826	39.63%	5.024%
63	17.251	2405	2408	2413	rVV	1669106	2302495	34.28%	4.346%
64	17.310	2413	2418	2421	rVV2	432024	665026	9.90%	1.255%
65	17.345	2421	2424	2429	rVV	479467	623552	9.28%	1.177%
66	17.404	2430	2434	2439	rVB2	64184	101660	1.51%	0.192%
67	17.622	2464	2471	2482	rVB	152860	268594	4.00%	0.507%
68	17.733	2487	2490	2493	rVV	43496	56078	0.83%	0.106%
69	17.792	2497	2500	2508	rVB4	41502	71485	1.06%	0.135%
70	18.080	2544	2549	2554	rBV	223980	434207	6.46%	0.820%
71	18.127	2554	2557	2562	rVV	348717	437547	6.51%	0.826%
72	18.204	2566	2570	2575	rVV	132695	182294	2.71%	0.344%
73	18.269	2575	2581	2585	rVV2	398103	708168	10.54%	1.337%
74	18.304	2585	2587	2595	rVB	173772	198828	2.96%	0.375%
75	18.563	2627	2631	2635	rBV	177384	226971	3.38%	0.428%
76	18.610	2635	2639	2644	rVB3	87339	119662	1.78%	0.226%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

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-BP120123.MA.M
Title : SVOA CALIBRATION

77	18.798	2669	2671	2675	rVB2	55543	65500	0.98%	0.124%
78	18.851	2677	2680	2683	rVV	51212	52182	0.78%	0.098%
79	18.969	2695	2700	2705	rBV2	159533	307746	4.58%	0.581%
80	19.104	2720	2723	2733	rVB3	108417	187856	2.80%	0.355%
81	19.227	2738	2744	2750	rBV	3482768	4743364	70.61%	8.954%
82	19.322	2757	2760	2765	rBV3	74933	126339	1.88%	0.238%
83	19.551	2793	2799	2800	rBV2	1160666	1548907	23.06%	2.924%
84	19.580	2800	2804	2812	rVB	3091245	4251056	63.28%	8.024%
85	19.645	2812	2815	2818	rBV2	134826	181536	2.70%	0.343%
86	19.686	2818	2822	2826	rVB	259613	298983	4.45%	0.564%
87	19.751	2830	2833	2836	rBV	138516	166194	2.47%	0.314%
88	19.810	2841	2843	2848	rVB	142577	176860	2.63%	0.334%
89	19.898	2852	2858	2865	rBV4	206605	585891	8.72%	1.106%
90	20.063	2882	2886	2891	rVB	545191	790263	11.76%	1.492%
91	20.157	2898	2902	2905	rBV2	464123	658676	9.81%	1.243%
92	20.351	2932	2935	2938	rBV	155732	189426	2.82%	0.358%
93	20.992	3041	3044	3047	rBV	289636	321502	4.79%	0.607%
94	21.298	3090	3096	3101	rBV3	3340661	6717360	100.00%	12.680%
95	21.339	3101	3103	3113	rVB	1907292	2223200	33.10%	4.196%
96	21.463	3121	3124	3130	rVB	350991	459287	6.84%	0.867%
97	22.951	3372	3377	3383	rBV	1485429	3651728	54.36%	6.893%
98	23.468	3460	3465	3470	rBV	674702	1262826	18.80%	2.384%
99	23.568	3477	3482	3489	rVB	1331404	2573347	38.31%	4.857%
100	23.674	3494	3500	3506	rVV	1606405	3053162	45.45%	5.763%

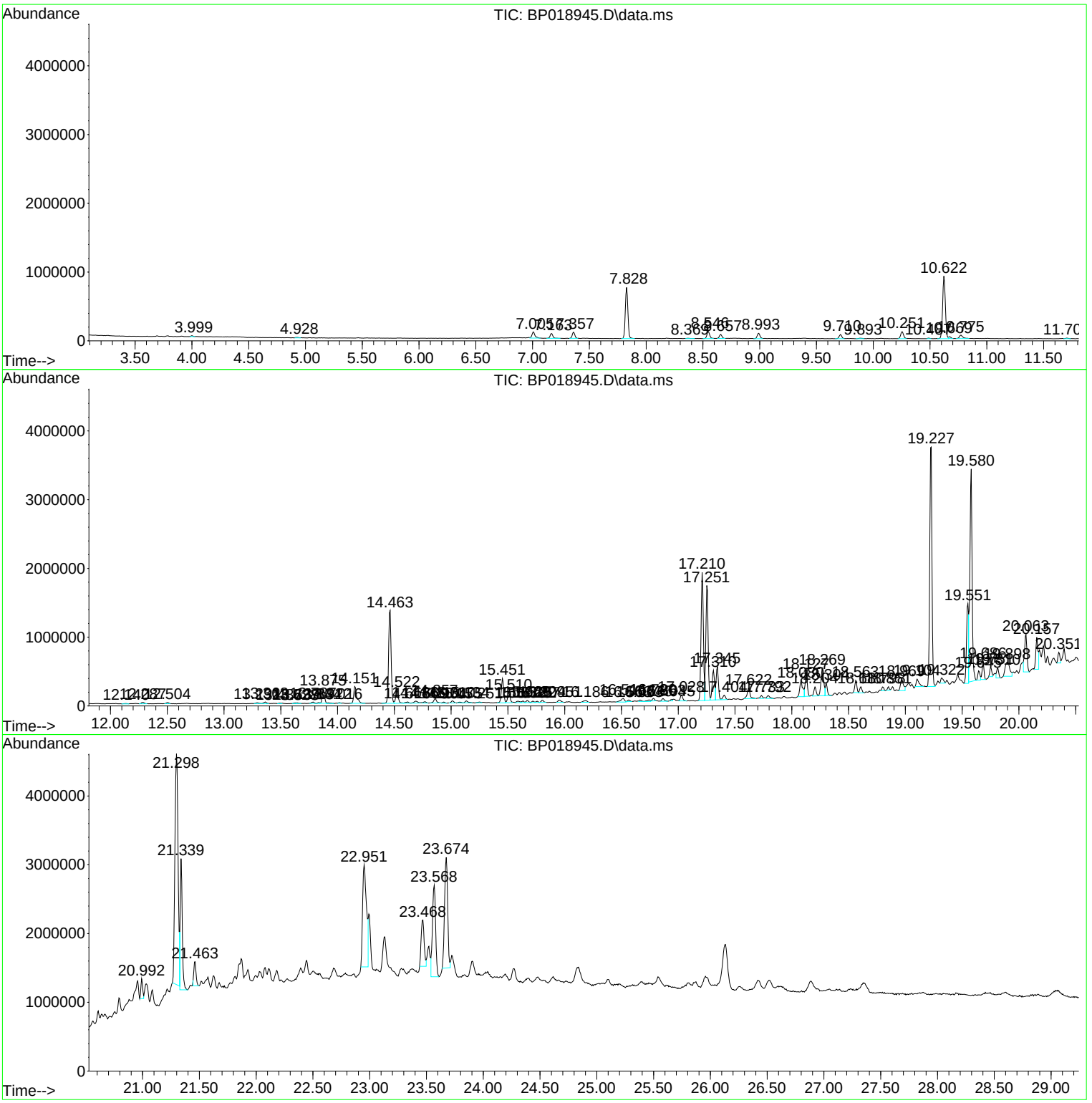
Sum of corrected areas: 52977707

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

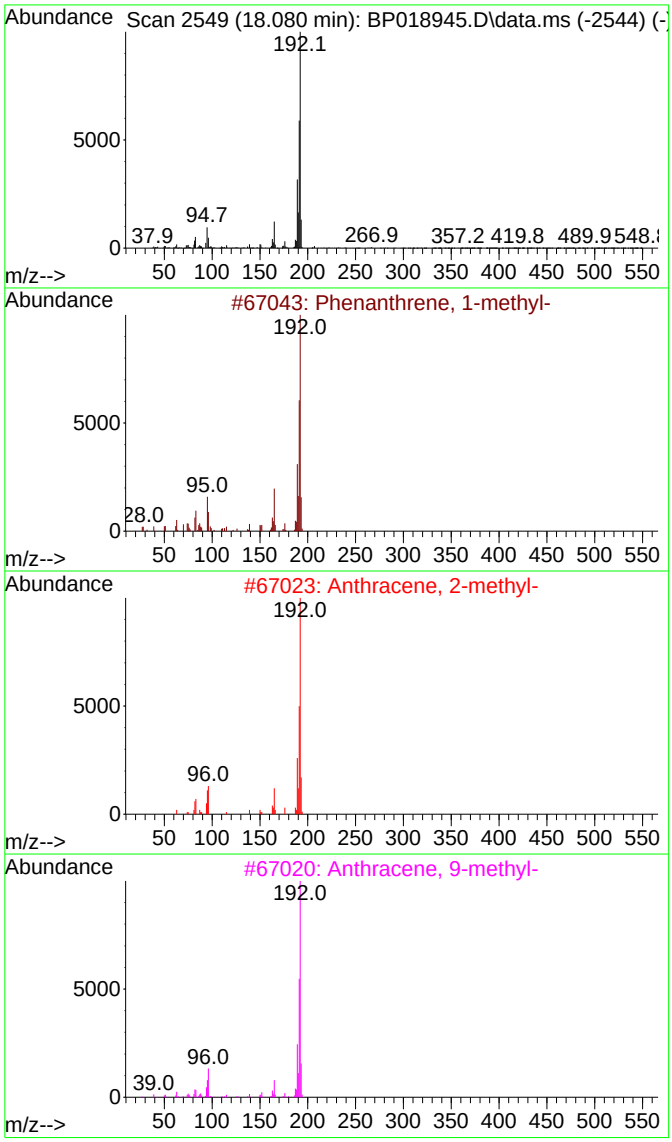
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

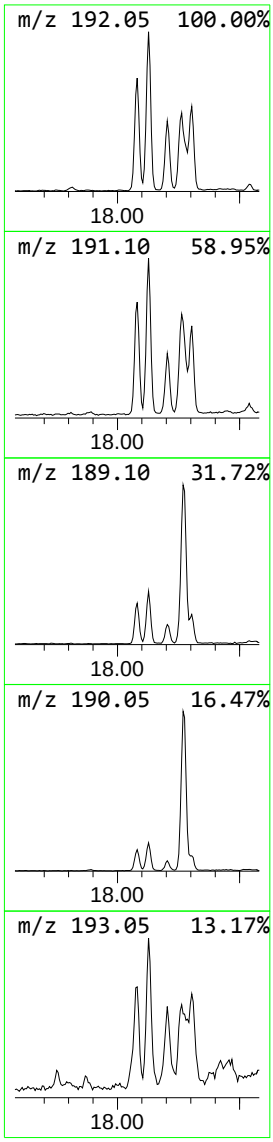
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	3.26 ng/ul	434207	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

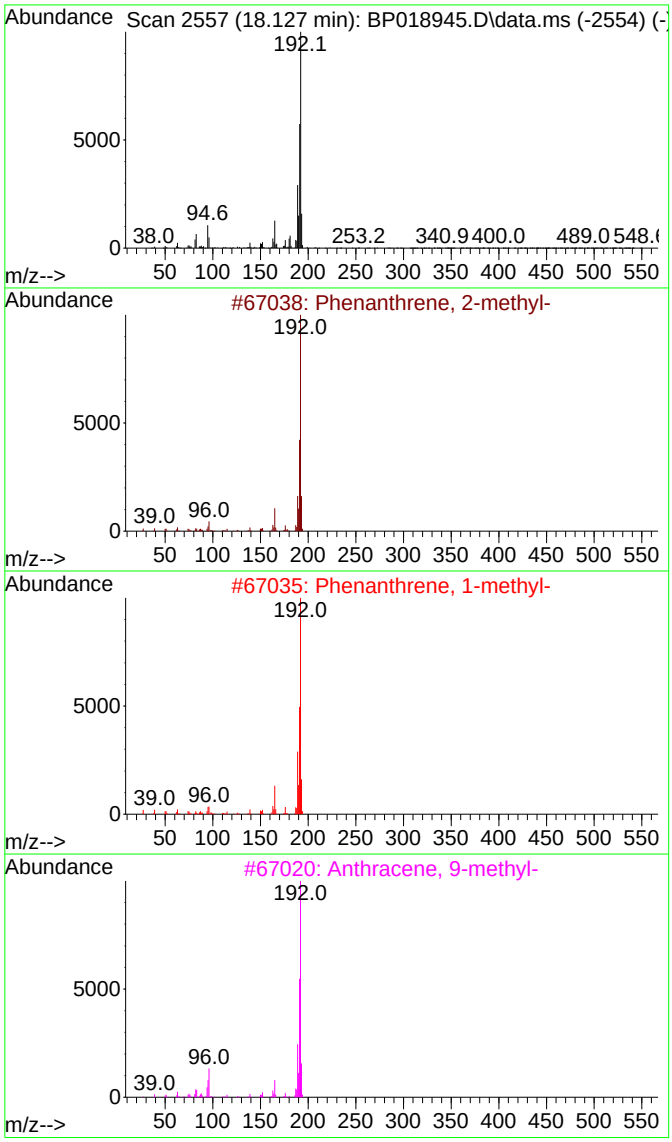
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

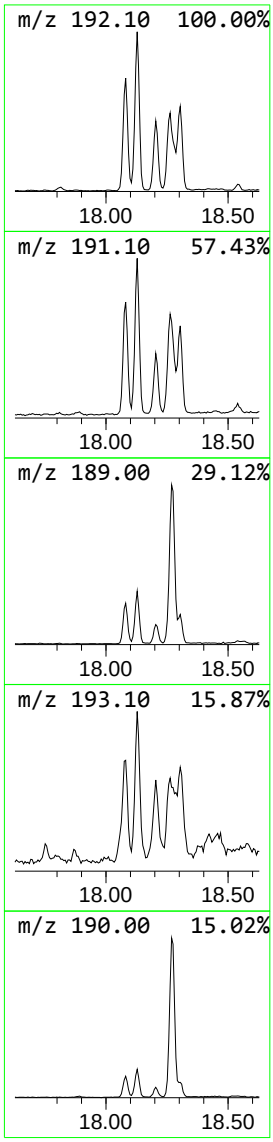
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	3.29 ng/ul	437547	Phenanthrene-d10	17.210

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	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

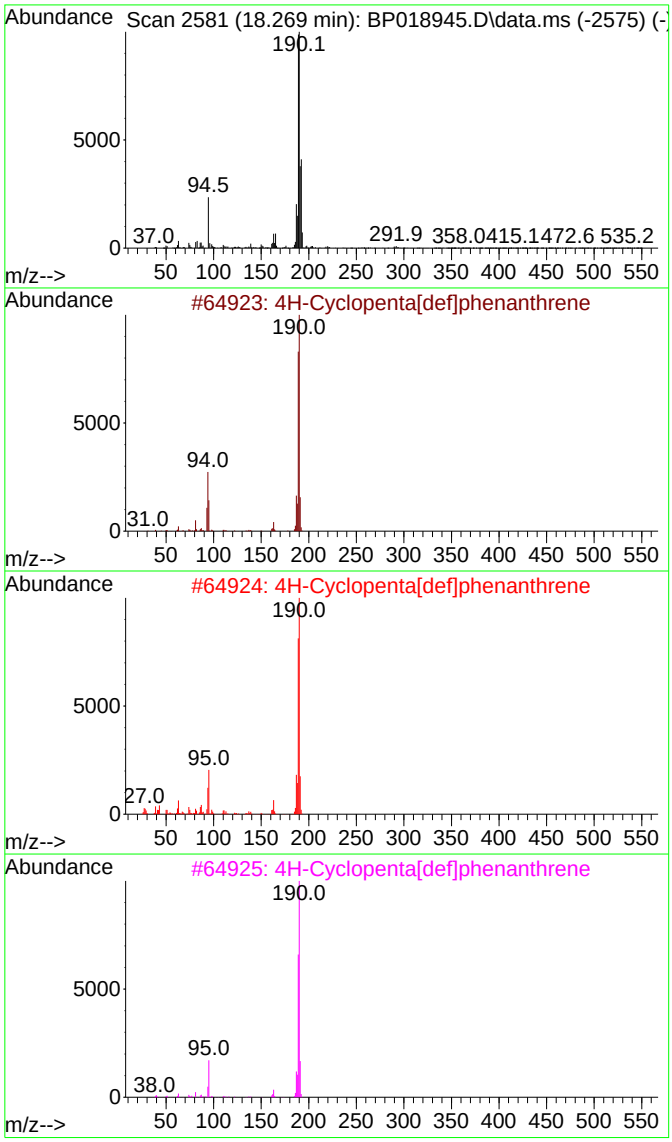
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

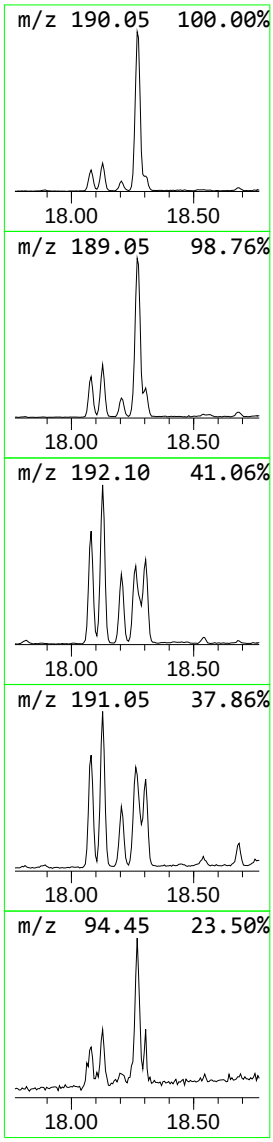
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	5.32 ng/ul	708168	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

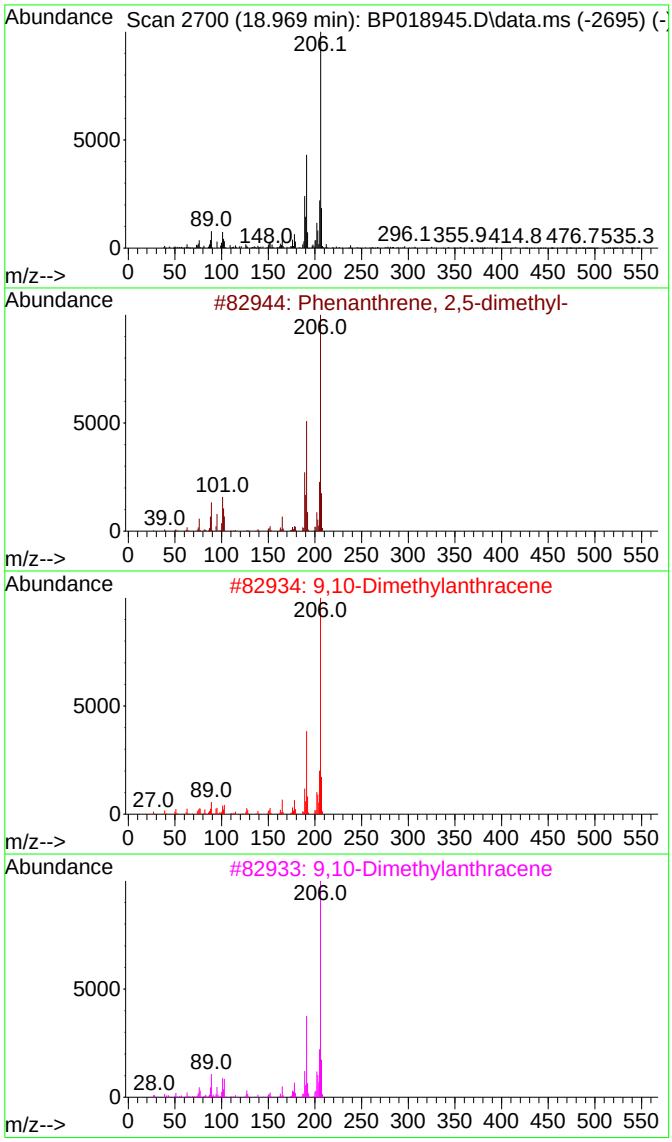
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

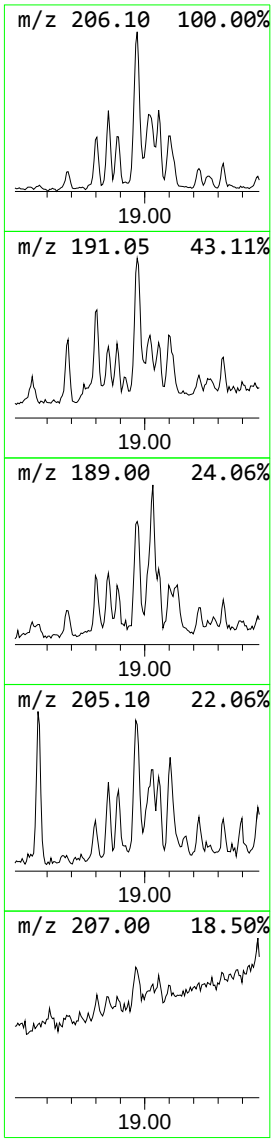
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.969	2.31 ng/ul	307746	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

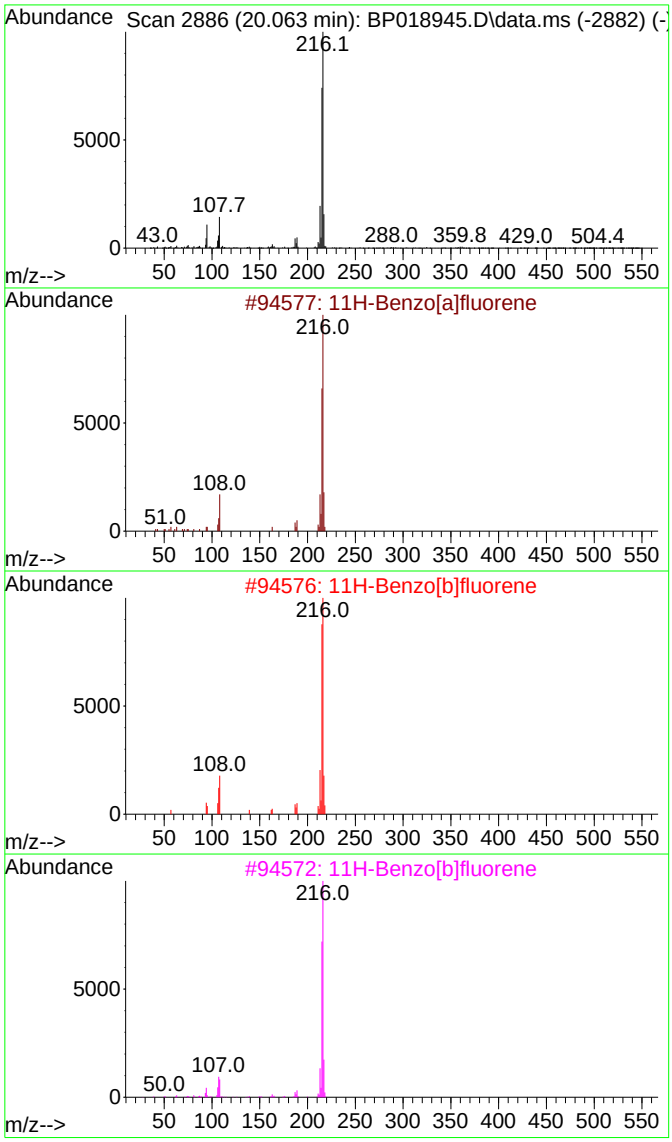
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

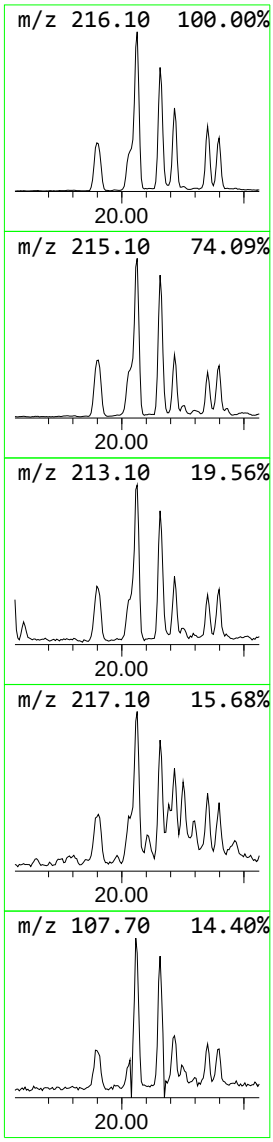
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	2.35 ng/ul	790263	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

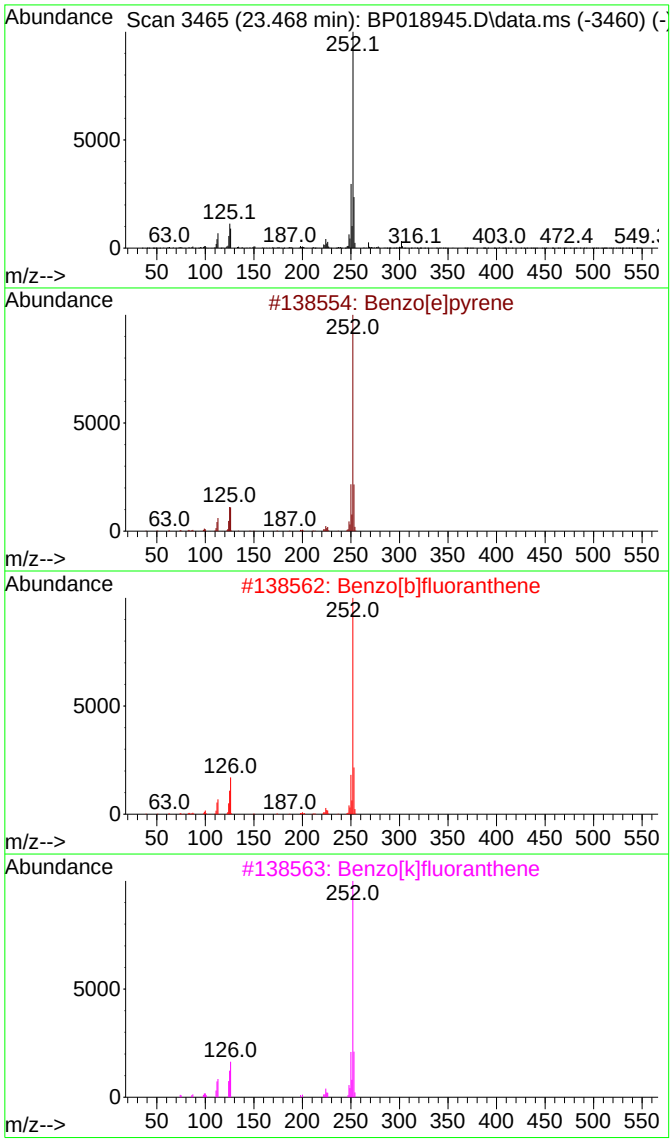
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

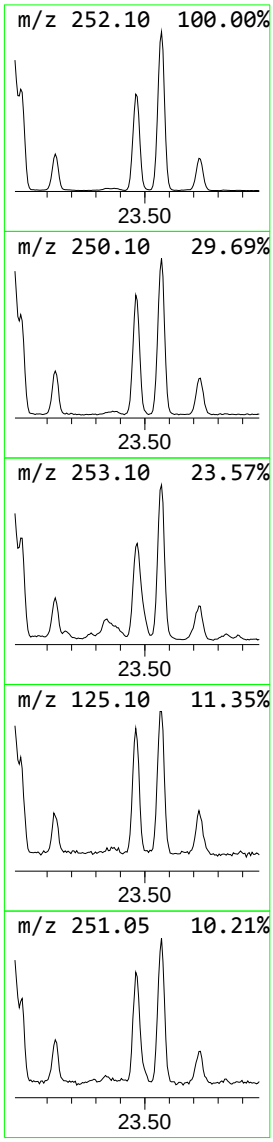
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.468	8.27 ng/ul	1262830	Perylene-d12	23.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.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
Phenanthrene, 1...	18.080	3.3	ng/ul	434207	4	17.210	2661830	20.0
Phenanthrene, 2...	18.128	3.3	ng/ul	437547	4	17.210	2661830	20.0
4H-Cyclopenta[d...	18.269	5.3	ng/ul	708168	4	17.210	2661830	20.0
Phenanthrene, 2...	18.969	2.3	ng/ul	307746	4	17.210	2661830	20.0
11H-Benzo[a]flu...	20.063	2.4	ng/ul	790263	5	21.304	6717360	20.0
Benzo[e]pyrene	23.468	8.3	ng/ul	1262830	6	23.674	3053160	20.0