LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BZ6

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	37	40	49	rVB	27770	47118	0.77%	0.075%
2	3.517	87	90	100	rVB2	11490	23758	0.39%	0.038%
3	3.734	123	127	132	rVV	44461	61525	1.01%	0.098%
4	3.946	159	163	168	rVB	29382	41887	0.69%	0.066%
5	4.358	230	233	240	rVB2	9859	17951	0.29%	0.028%
6	4.493	253	256	263	rVB2	13605	19118	0.31%	0.030%
7	4.840	309	315	322	rVB	53878	85226	1.40%	0.135%
8	5.228	377	381	385	rBV	9446	14669	0.24%	0.023%
9	5.705	457	462	469	rVB2	16158	33210	0.54%	0.053%
10	6.669	620	626	631	rBV8	8520	14685	0.24%	0.023%
11	6.781	638	645	652	rBV	29758	49930	0.82%	0.079%
12	6.887	652	663	677	rBV	350295	702817	11.52%	1.114%
13	7.034	681	688	698	rVV	312959	540947	8.87%	0.858%
14	7.228	714	721	732	rBV	444397	736164	12.07%	1.167%
15	7.311	732	735	745	rVB3	11145	28110	0.46%	0.045%
16	7.681	790	798	807	rBV	674672	1179924	19.34%	1.871%
17	8.399	910	920	933	rBV	411999	820828	13.45%	1.302%
18	8.505	933	938	947	rVB2	21728	47976	0.79%	0.076%
19	8.828	986	993	1006	rBV	375917	701538	11.50%	1.112%
20	8.975	1014	1018	1026	rVB5	11051	19616	0.32%	0.031%
21	9.169	1046	1051	1058	rVB2	20603	34415	0.56%	0.055%
22	9.381	1080	1087	1094	rBV2	36340	68109	1.12%	0.108%
23	9.534	1106	1113	1125	rBV	261555	562603	9.22%	0.892%
24	10.093	1201	1208	1223	rBV	444312	875128	14.34%	1.388%
25	10.440	1259	1267	1273	rBV	1027501	1693539	27.76%	2.685%
26	10.593	1286	1293	1300	rBV	144844	298242	4.89%	0.473%
27	10.975	1350	1358	1366	rBV8	13826	30722	0.50%	0.049%
28	11.187	1387	1394	1404	rBV	122401	308303	5.05%	0.489%
29	11.252	1404	1405	1413	rVB6	9708	16679	0.27%	0.026%
30	11.646	1466	1472	1479	rVB3	13636	23927	0.39%	0.038%
31	12.028	1531	1537	1540	rBV4	8550	13302	0.22%	0.021%
32	12.093	1543	1548	1552	rBV	16041	24811	0.41%	0.039%
33	12.322	1581	1587	1595	rVB	16002	31184	0.51%	0.049%
34	13.457	1773	1780	1781	rBV6	10192	17738	0.29%	0.028%
35	13.599	1796	1804	1811	rBV6	19212	49315	0.81%	0.078%
36	13.698	1811	1821	1828	rBV	760061	1296921	21.26%	2.057%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BZ6

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	13.798	1834	1838	1842	rVB6	12141	15568	0.26%	0.025%
38	13.846	1842	1846	1849	rBV6	9104	14531	0.24%	0.023%
39	13.975	1859	1868	1880	rBV	1157233	1781796	29.20%	2.825%
40	14.110	1886	1891	1896	rVB4	28835	47200	0.77%	0.075%
41	14.240	1907	1913	1915	rBV7	8849	14181	0.23%	0.022%
42	14.293	1915	1922	1928	rBV	1632000	2291195	37.55%	3.633%
43	14.351	1928	1932	1938	rVB	123105	176463	2.89%	0.280%
44	14.604	1969	1975	1981	rBV3	123735	260196	4.26%	0.413%
45	14.716	1988	1994	1997	rBV2	52288	105313	1.73%	0.167%
46	14.745	1997	1999	2003	rVB2	43231	48649	0.80%	0.077%
47	15.093	2052	2058	2062	rBV5	17594	36547	0.60%	0.058%
48	15.134	2062	2065	2069	rVB5	12850	18944	0.31%	0.030%
49	15.304	2087	2094	2101	rBV	1252798	2096150	34.36%	3.324%
50	15.363	2101	2104	2115	rVB2	95126	170479	2.79%	0.270%
51	15.469	2116	2122	2129	rBV2	213957	404990	6.64%	0.642%
52	15.675	2151	2157	2165	rVB	22024	44930	0.74%	0.071%
53	15.810	2177	2180	2186	rVB	29679	47266	0.77%	0.075%
54	15.892	2187	2194	2199	rVB6	33349	75421	1.24%	0.120%
55	16.028	2214	2217	2219	rBV3	17801	22714	0.37%	0.036%
56	16.398	2278	2280	2284	rVB2	20018	22024	0.36%	0.035%
57	16.504	2294	2298	2302	rBV6	13720	27790	0.46%	0.044%
58	16.634	2317	2320	2323	rVB3	19759	23071	0.38%	0.037%
59	16.687	2324	2329	2334	rVB2	65908	111259	1.82%	0.176%
60	16.769	2338	2343	2348	rVB	55604	82439	1.35%	0.131%
61	16.857	2351	2358	2363	rBV7	36554	75968	1.25%	0.120%
62	16.922	2365	2369	2375	rVB	99069	126694	2.08%	0.201%
63	17.110	2395	2401	2405	rBV	1993890	2865055	46.96%	4.543%
64	17.157	2405	2409	2414	rVV	1779122	2569870	42.12%	4.075%
65	17.210	2414	2418	2422	rVV	1583994	2248178	36.85%	3.565%
66	17.245	2422	2424	2429	rVV	347494	380722	6.24%	0.604%
67	17.287	2429	2431	2435	rVV5	18417	22114	0.36%	0.035%
68	17.334	2435	2439	2443	rVV3	29076	49828	0.82%	0.079%
69	17.510	2465	2469	2470	rBV3	45465	53300	0.87%	0.085%
70	17.545	2471	2475	2484	rVB	142267	254752	4.18%	0.404%
71	17.645	2489	2492	2497	rBV	40141	61003	1.00%	0.097%
72	17.722	2501	2505	2510	rVV4	56113	83384	1.37%	0.132%
73	17.792	2513	2517	2520	rVV	108970	179907	2.95%	0.285%
74	17.828	2521	2523	2533	rVB5	116669	274883	4.51%	0.436%
75	18.034	2551	2558	2561	rBV2	481855	846744	13.88%	1.343%
76	18.069	2561	2564	2569	rVB	323865	448556	7.35%	0.711%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	18.210	2583	2588	2592	rBV2	364568	594148	9.74%	0.942%
78	18.398	2616	2620	2622	rBV3	34990	49703	0.81%	0.079%
79	18.534	2640	2643	2648	rVB	181400	235358	3.86%	0.373%
80	18.592	2649	2653	2660	rVB	260509	373365	6.12%	0.592%
81	18.792	2685	2687	2691	rVB	56501	57118	0.94%	0.091%
82	19.022	2723	2726	2731	rVB5	158097	219833	3.60%	0.349%
83	19.251	2760	2765	2771	rVB	3680421	4951751	81.16%	7.852%
84	19.375	2783	2786	2797	rVB2	247695	481127	7.89%	0.763%
85	19.598	2819	2824	2827	rBV2	2243823	3625923	59.43%	5.750%
86	19.633	2827	2830	2837	rVB	2301645	3266082	53.53%	5.179%
87	19.704	2839	2842	2846	rVB	142069	166898	2.74%	0.265%
88	20.033	2896	2898	2901	rBV3	97604	132524	2.17%	0.210%
89	20.145	2914	2917	2922	rVB2	438244	602192	9.87%	0.955%
90	20.251	2932	2935	2940	rVB	282128	370092	6.07%	0.587%
91	21.175	3088	3092	3095	rBV2	358600	604634	9.91%	0.959%
92	21.216	3095	3099	3106	rVB3	770951	1366092	22.39%	2.166%
93	21.445	3135	3138	3143	rVB	447941	648462	10.63%	1.028%
94	21.557	3149	3157	3162	rBV2	2408126	6101308	100.00%	9.675%
95	21.604	3162	3165	3172	rVB	1569392	2222121	36.42%	3.524%
96	21.839	3201	3205	3209	rBV2	296006	483669	7.93%	0.767%
97	23.810	3535	3540	3541	rBV	922028	1186210	19.44%	1.881%
98	24.627	3674	3679	3687	rVB	576594	1338326	21.94%	2.122%
99	24.710	3688	3693	3705	rVB	547417	1518789	24.89%	2.408%
100	24.874	3713	3721	3731	rVB2	1234161	3455118	56.63%	5.479%

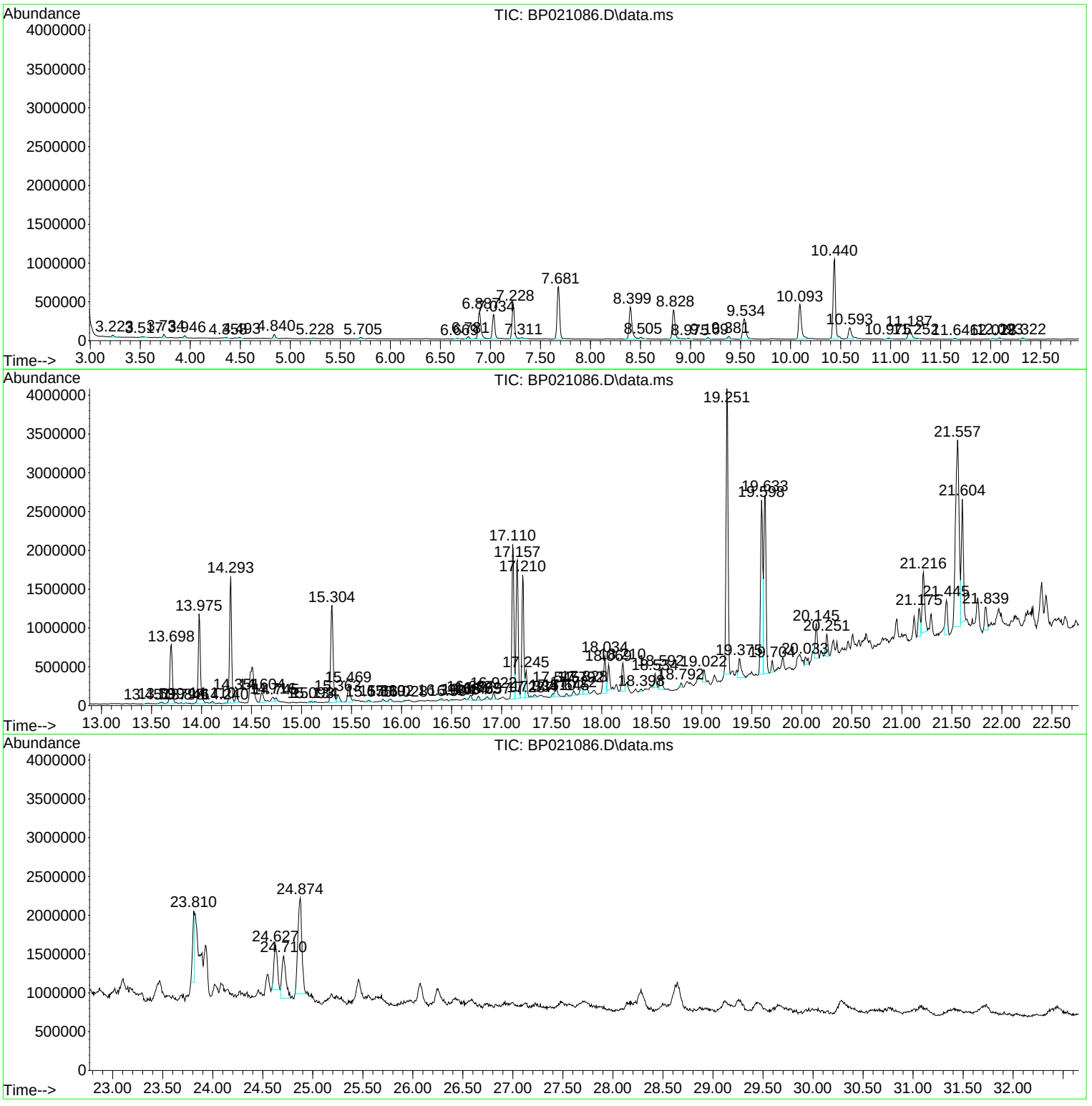
Sum of corrected areas: 63062852

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

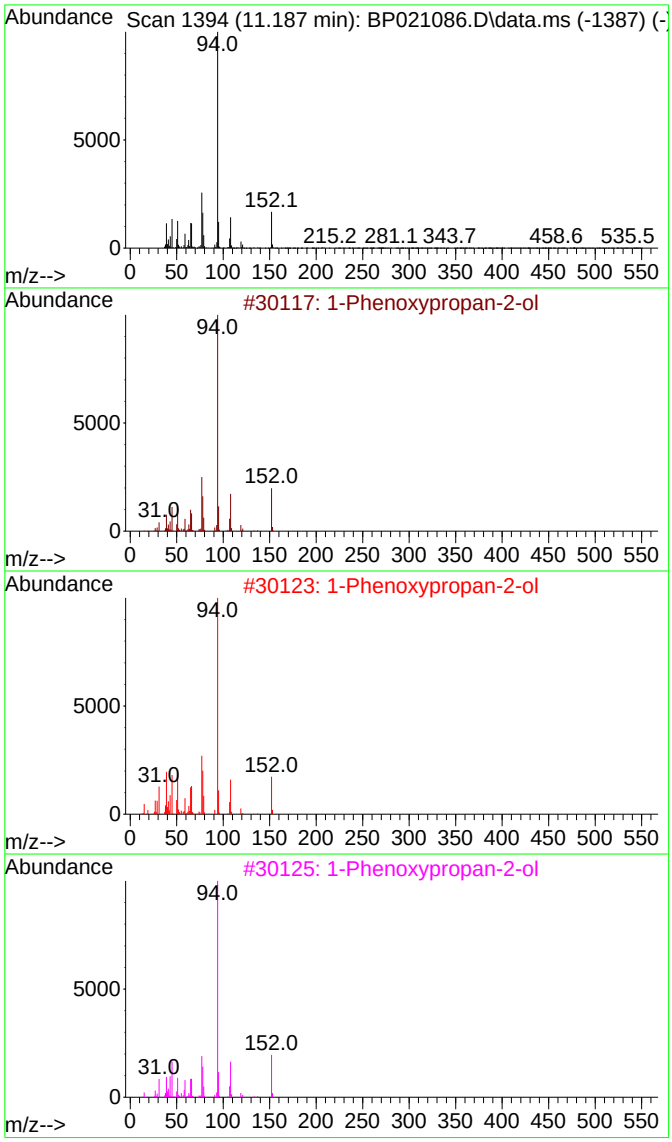
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

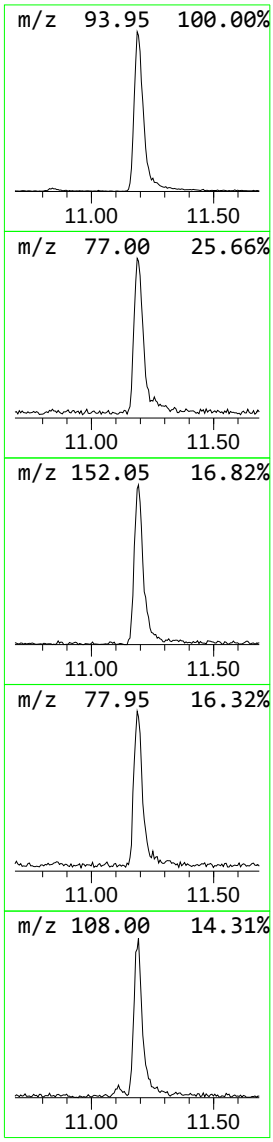
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	3.64 ng/ul	308303	Naphthalene-d8	10.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

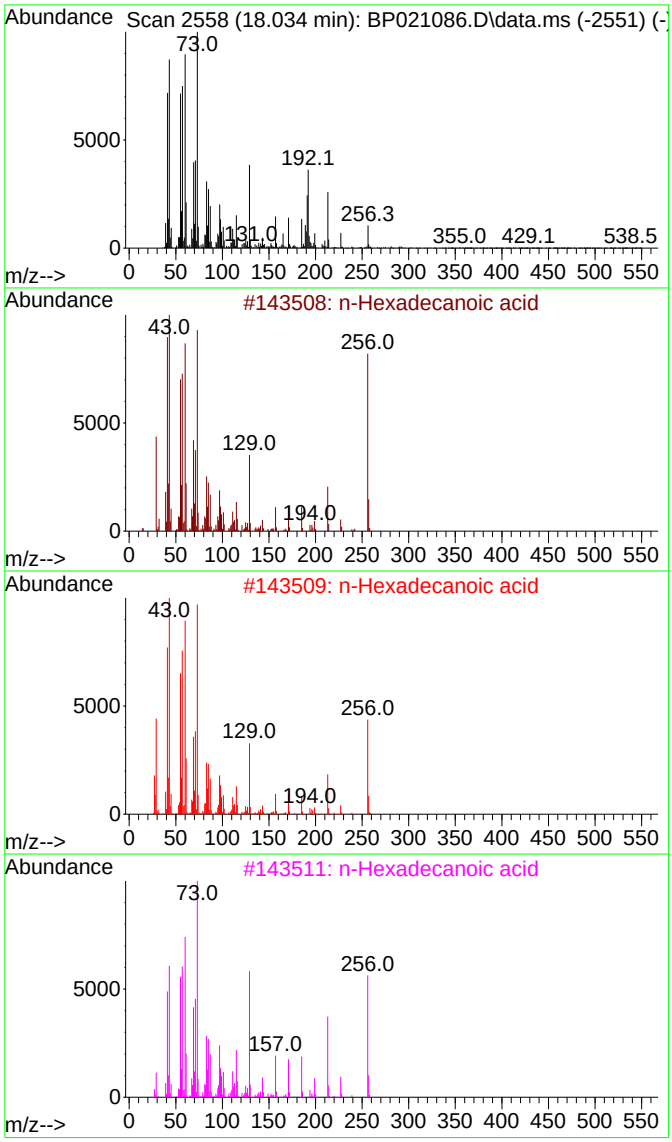
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

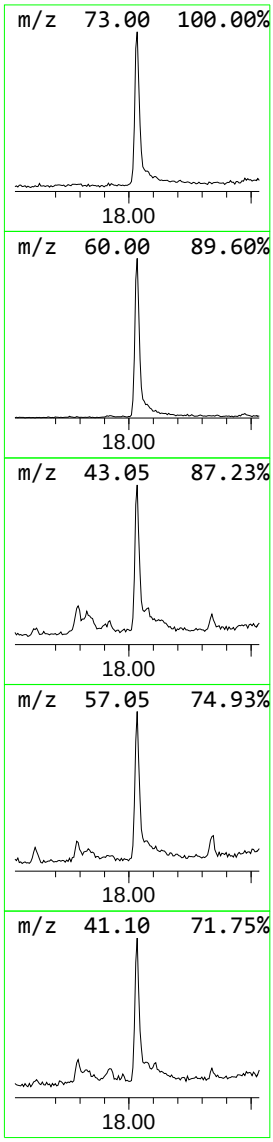
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.034	5.91 ng/ul	846744	Phenanthrene-d10	17.110

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

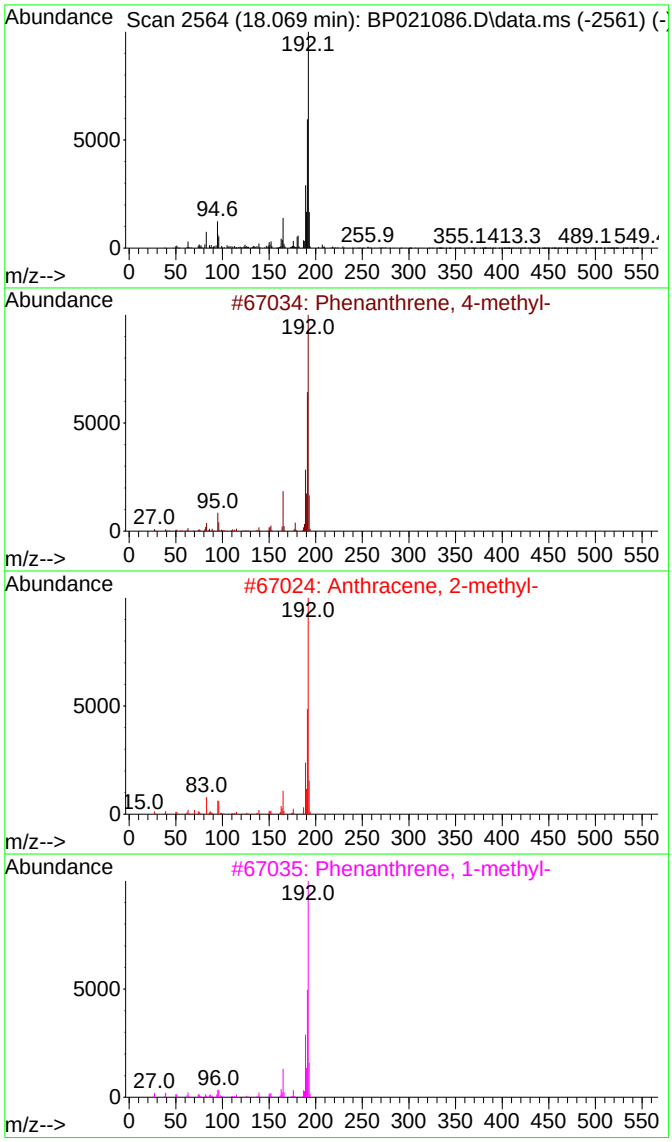
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

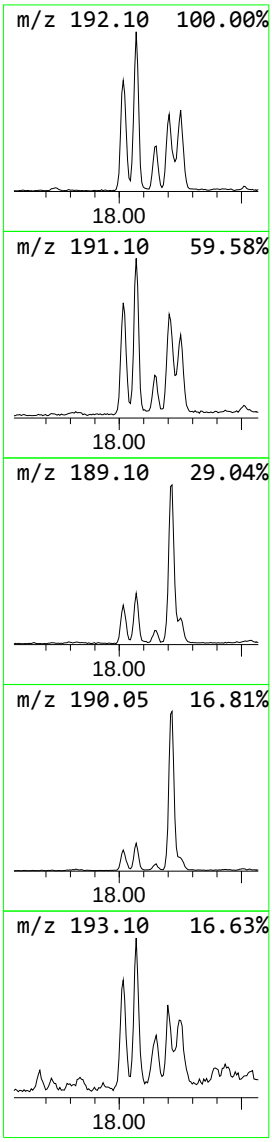
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	3.13 ng/ul	448556	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

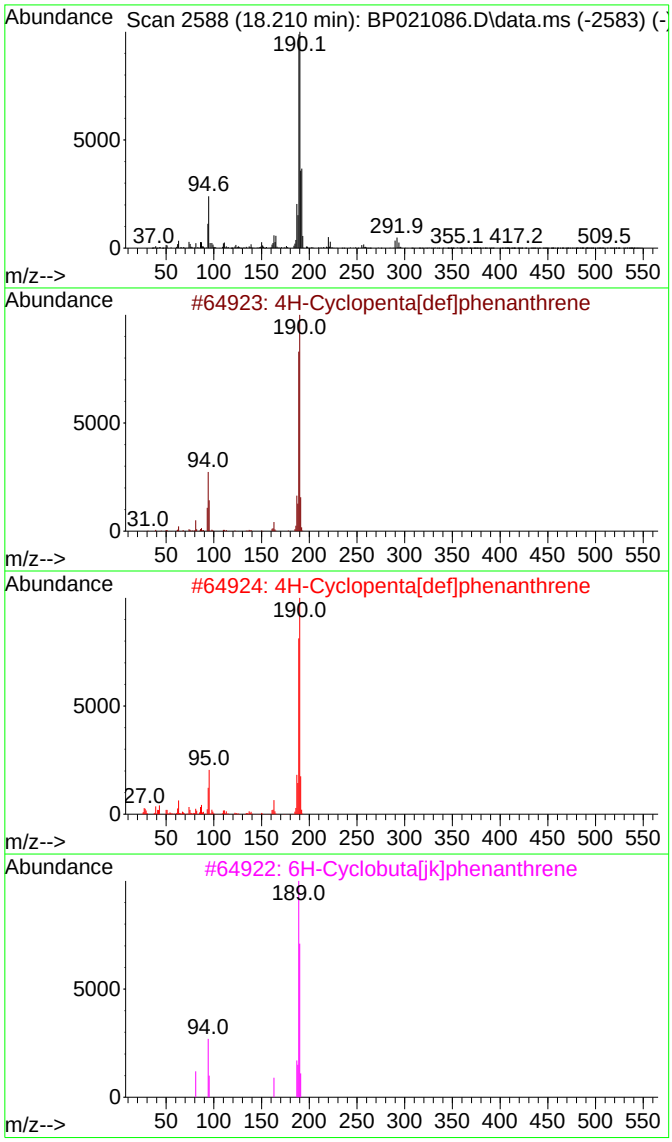
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

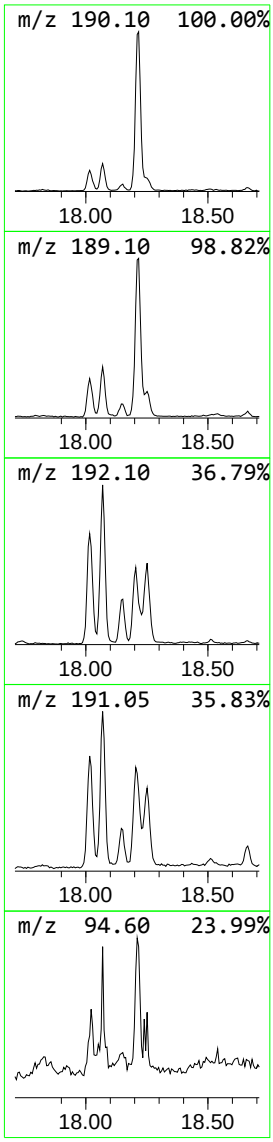
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	4.15 ng/ul	594148	Phenanthrene-d10	17.110

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	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

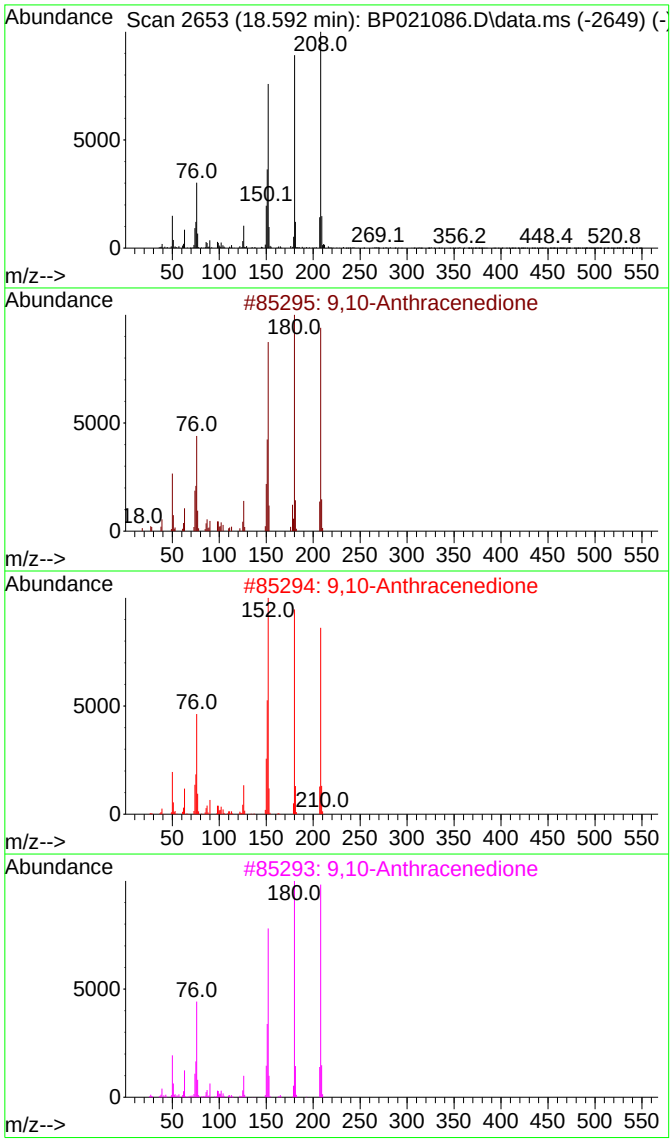
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

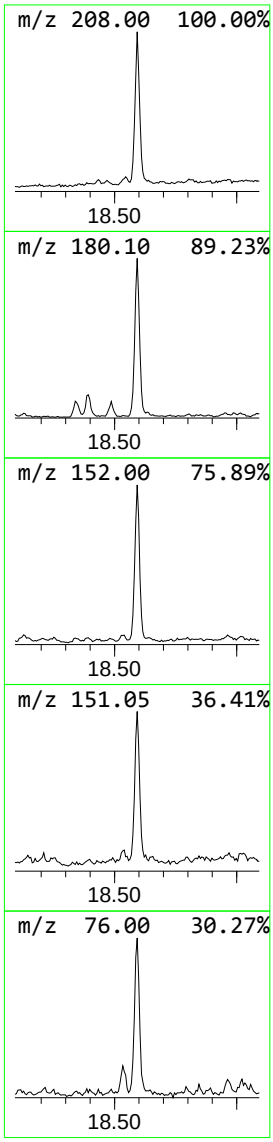
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	2.61 ng/ul	373365	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

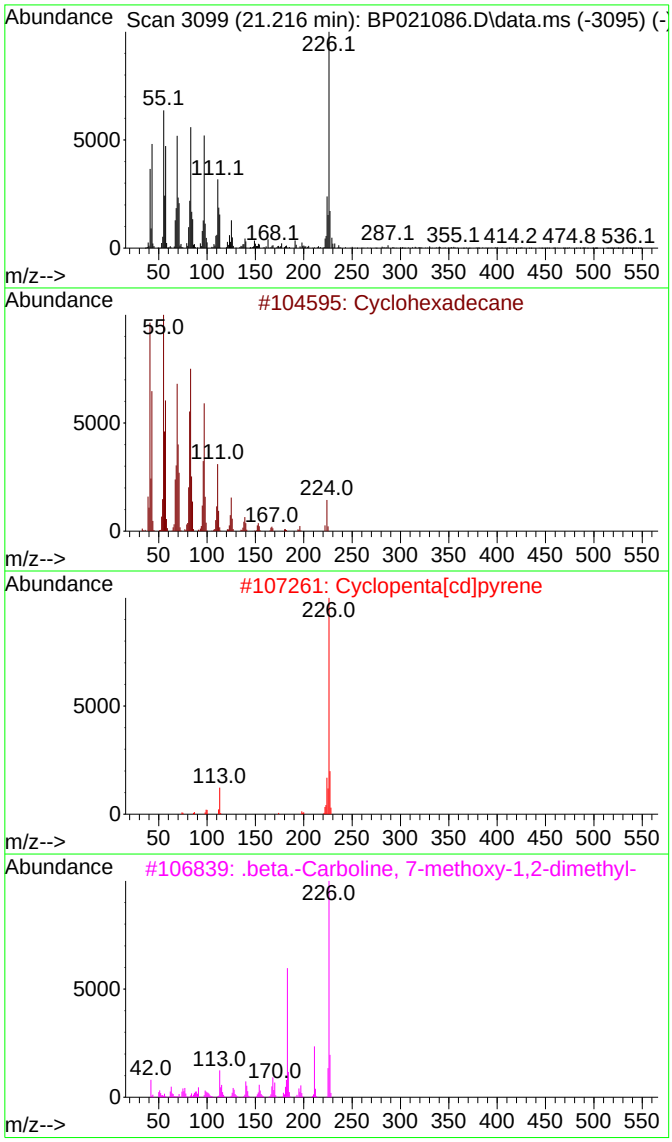
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

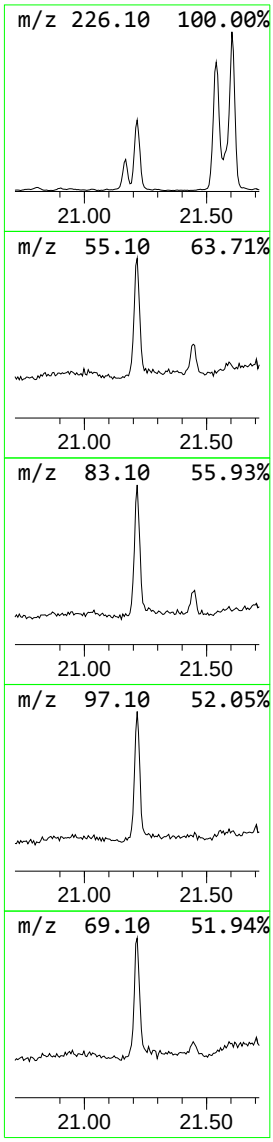
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.216 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	4.48 ng/ul	1366090	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	64
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	38
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021086.D
Acq On : 22 Jul 2024 13:23
Operator : MA/JU
Sample : P3238-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BZ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
1-Phenoxypropan...	11.187	3.6	ng/ul	308303	2	10.440	1693540	20.0
n-Hexadecanoic ...	18.034	5.9	ng/ul	846744	4	17.110	2865060	20.0
Phenanthrene, 4...	18.069	3.1	ng/ul	448556	4	17.110	2865060	20.0
4H-Cyclopenta[d...	18.210	4.2	ng/ul	594148	4	17.110	2865060	20.0
9,10-Anthracene...	18.592	2.6	ng/ul	373365	4	17.110	2865060	20.0
(DEL) Alkane: C...	21.216	4.5	ng/ul	1366090	5	21.557	6101310	20.0