LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

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-BP101922.M
Title : SVOA CALIBRATION

Signal : TIC: BP012253.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	55	rVB	91638	123648	1.78%	0.109%
2	3.693	113	120	131	rBV2	129278	215924	3.10%	0.190%
3	3.787	131	136	142	rVV	177249	242630	3.49%	0.214%
4	3.899	151	155	161	rVB	102288	154563	2.22%	0.136%
5	3.999	168	172	176	rVB	56102	71052	1.02%	0.063%
6	4.558	263	267	275	rVB	45834	66770	0.96%	0.059%
7	4.934	323	331	338	rVB2	73655	191252	2.75%	0.169%
8	5.022	340	346	357	rVB	31574	62011	0.89%	0.055%
9	5.452	415	419	427	rBV	34598	61992	0.89%	0.055%
10	5.822	474	482	489	rBV	59599	94734	1.36%	0.084%
11	6.993	672	681	695	rVV	1368043	2331555	33.52%	2.056%
12	7.158	702	709	726	rVB	1235052	1967708	28.29%	1.735%
13	7.352	735	742	751	rBV	1453290	2305711	33.15%	2.033%
14	7.822	810	822	830	rBV	1642611	2670489	38.40%	2.355%
15	8.534	936	943	954	rBV	1278478	2221553	31.94%	1.959%
16	8.658	960	964	971	rVB	36382	58484	0.84%	0.052%
17	8.987	1013	1020	1037	rVV	1320101	2299107	33.06%	2.027%
18	9.381	1081	1087	1094	rBV2	34639	58820	0.85%	0.052%
19	9.710	1135	1143	1154	rBV	1126910	1891328	27.19%	1.668%
20	10.246	1228	1234	1246	rBV	1587139	2795182	40.19%	2.465%
21	10.410	1255	1262	1278	rBV	166193	366584	5.27%	0.323%
22	10.628	1289	1299	1304	rBV	2266216	3898315	56.05%	3.438%
23	10.675	1304	1307	1314	rVB	162362	246246	3.54%	0.217%
24	10.769	1316	1323	1339	rBV	1113937	2074531	29.83%	1.829%
25	12.293	1576	1582	1589	rVB	135714	217529	3.13%	0.192%
26	12.510	1613	1619	1628	rVB	121052	190733	2.74%	0.168%
27	13.287	1741	1751	1759	rBV2	56202	123450	1.78%	0.109%
28	13.363	1759	1764	1770	rVV	133069	208439	3.00%	0.184%
29	13.793	1831	1837	1841	rBV	90300	151578	2.18%	0.134%
30	13.846	1841	1846	1848	rBV	57569	82226	1.18%	0.073%
31	13.887	1848	1853	1860	rVB	2740645	3801173	54.66%	3.352%
32	14.028	1873	1877	1880	rBV	41399	53735	0.77%	0.047%
33	14.163	1894	1900	1919	rVB	3259245	5098536	73.31%	4.496%
34	14.363	1929	1934	1935	rBV	42947	50598	0.73%	0.045%
35	14.387	1935	1938	1943	rVB	87484	124226	1.79%	0.110%
36	14.475	1943	1953	1959	rBV	3197844	4830887	69.46%	4.260%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

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-BP101922.M
Title : SVOA CALIBRATION

37	14.534	1959	1963	1971	rVB	139934	235219	3.38%	0.207%
38	14.687	1983	1989	2002	rBV	628660	1209467	17.39%	1.067%
39	14.875	2012	2021	2024	rBV	166047	311878	4.48%	0.275%
40	15.263	2080	2087	2090	rBV5	40825	74864	1.08%	0.066%
41	15.316	2090	2096	2103	rVB4	49104	85314	1.23%	0.075%
42	15.469	2115	2122	2127	rBV	4192215	5846385	84.06%	5.156%
43	15.522	2127	2131	2138	rVB4	156161	261857	3.77%	0.231%
44	15.598	2138	2144	2150	rBV	662897	928239	13.35%	0.819%
45	15.722	2156	2165	2171	rVB7	24725	71127	1.02%	0.063%
46	15.816	2177	2181	2188	rVB	81563	133171	1.91%	0.117%
47	15.963	2203	2206	2214	rVV	82359	152256	2.19%	0.134%
48	16.181	2238	2243	2252	rBV	545672	946833	13.61%	0.835%
49	16.534	2292	2303	2308	rBV9	45039	140082	2.01%	0.124%
50	16.763	2338	2342	2346	rBV3	64659	107767	1.55%	0.095%
51	16.887	2358	2363	2369	rBV	184305	268552	3.86%	0.237%
52	16.981	2371	2379	2384	rBV6	98813	221858	3.19%	0.196%
53	17.051	2386	2391	2398	rVB	122735	205864	2.96%	0.182%
54	17.128	2401	2404	2411	rVB6	37551	66785	0.96%	0.059%
55	17.234	2412	2422	2426	rBV	3297130	4935826	70.97%	4.353%
56	17.275	2426	2429	2434	rVB	2413489	3051065	43.87%	2.691%
57	17.334	2434	2439	2443	rBV	3567534	5171508	74.36%	4.561%
58	17.645	2484	2492	2502	rBV	276415	538546	7.74%	0.475%
59	17.757	2507	2511	2516	rVV2	50321	80351	1.16%	0.071%
60	17.810	2517	2520	2528	rVB4	45046	76791	1.10%	0.068%
61	17.898	2531	2535	2540	rVB	113336	139891	2.01%	0.123%
62	18.116	2565	2572	2574	rBV2	367036	750555	10.79%	0.662%
63	18.145	2574	2577	2582	rVB	439094	599630	8.62%	0.529%
64	18.222	2587	2590	2595	rVB	99704	132654	1.91%	0.117%
65	18.286	2596	2601	2605	rBV3	311447	567301	8.16%	0.500%
66	18.328	2605	2608	2613	rVB	202735	250333	3.60%	0.221%
67	18.398	2616	2620	2624	rBV2	89291	135079	1.94%	0.119%
68	18.439	2624	2627	2631	rVB3	48765	59341	0.85%	0.052%
69	18.586	2648	2652	2656	rVV	210258	276096	3.97%	0.243%
70	18.628	2656	2659	2665	rVB2	169608	228391	3.28%	0.201%
71	18.822	2689	2692	2696	rBV2	61234	74941	1.08%	0.066%
72	18.869	2697	2700	2704	rVV	75841	96513	1.39%	0.085%
73	18.910	2704	2707	2710	rVB	57555	63735	0.92%	0.056%
74	18.992	2716	2721	2725	rBV2	154174	332501	4.78%	0.293%
75	19.033	2725	2728	2733	rVB4	350943	401896	5.78%	0.354%
76	19.075	2733	2735	2740	rVB	73159	93045	1.34%	0.082%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

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-BP101922.M
Title : SVOA CALIBRATION

77	19.128	2740	2744	2748	rBV2	193081	337164	4.85%	0.297%
78	19.245	2756	2764	2771	rBV	3277906	4422779	63.59%	3.900%
79	19.351	2777	2782	2785	rBV3	214984	328318	4.72%	0.290%
80	19.386	2785	2788	2793	rVB2	145858	195531	2.81%	0.172%
81	19.575	2811	2820	2822	rBV	4212897	6382090	91.77%	5.628%
82	19.598	2822	2824	2832	rVV	2857396	3438771	49.44%	3.033%
83	19.669	2832	2836	2843	rVB2	157933	237748	3.42%	0.210%
84	19.775	2850	2854	2860	rBV	152476	198286	2.85%	0.175%
85	19.910	2873	2877	2879	rBV3	198255	309309	4.45%	0.273%
86	20.045	2896	2900	2902	rBV3	151725	249727	3.59%	0.220%
87	20.080	2904	2906	2911	rVB3	314503	374944	5.39%	0.331%
88	20.180	2920	2923	2926	rBV	124477	143089	2.06%	0.126%
89	20.233	2927	2932	2937	rVV2	260469	440206	6.33%	0.388%
90	20.375	2953	2956	2959	rBV	158005	160946	2.31%	0.142%
91	20.416	2960	2963	2967	rVV2	164220	211137	3.04%	0.186%
92	20.816	3027	3031	3037	rBV	396165	544626	7.83%	0.480%
93	21.027	3062	3067	3076	rBV4	609558	1529382	21.99%	1.349%
94	21.104	3077	3080	3087	rVB	365504	502999	7.23%	0.444%
95	21.322	3111	3117	3121	rBV2	3919918	6954750	100.00%	6.133%
96	21.363	3121	3124	3130	rVB	1546342	1965153	28.26%	1.733%
97	22.998	3396	3402	3407	rBV	1184295	3028736	43.55%	2.671%
98	23.516	3486	3490	3494	rBV	634812	1156279	16.63%	1.020%
99	23.574	3494	3500	3505	rBV2	2618126	4956331	71.27%	4.371%
100	23.727	3520	3526	3532	rBV2	2300209	4601262	66.16%	4.058%

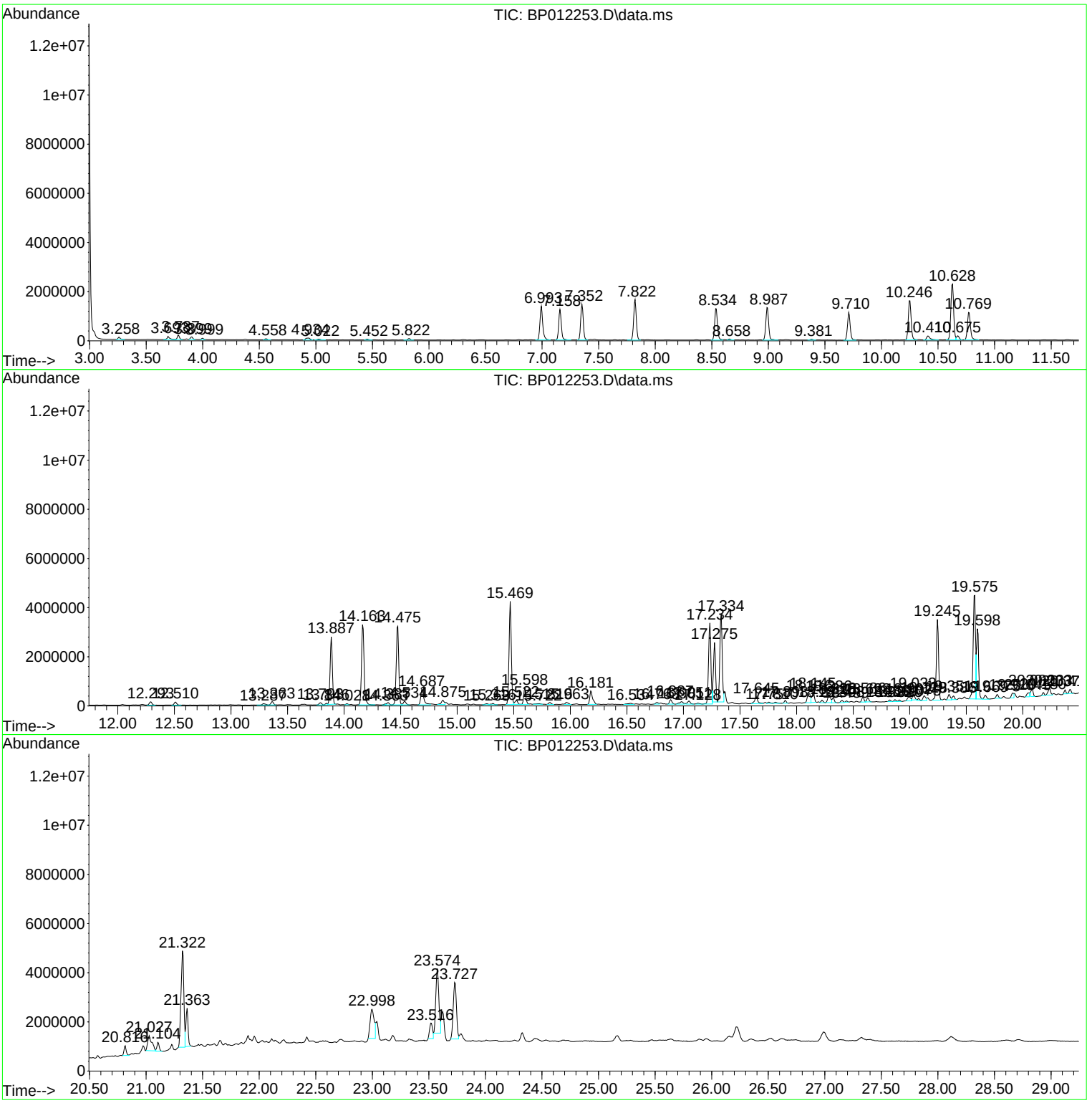
Sum of corrected areas: 113396369

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

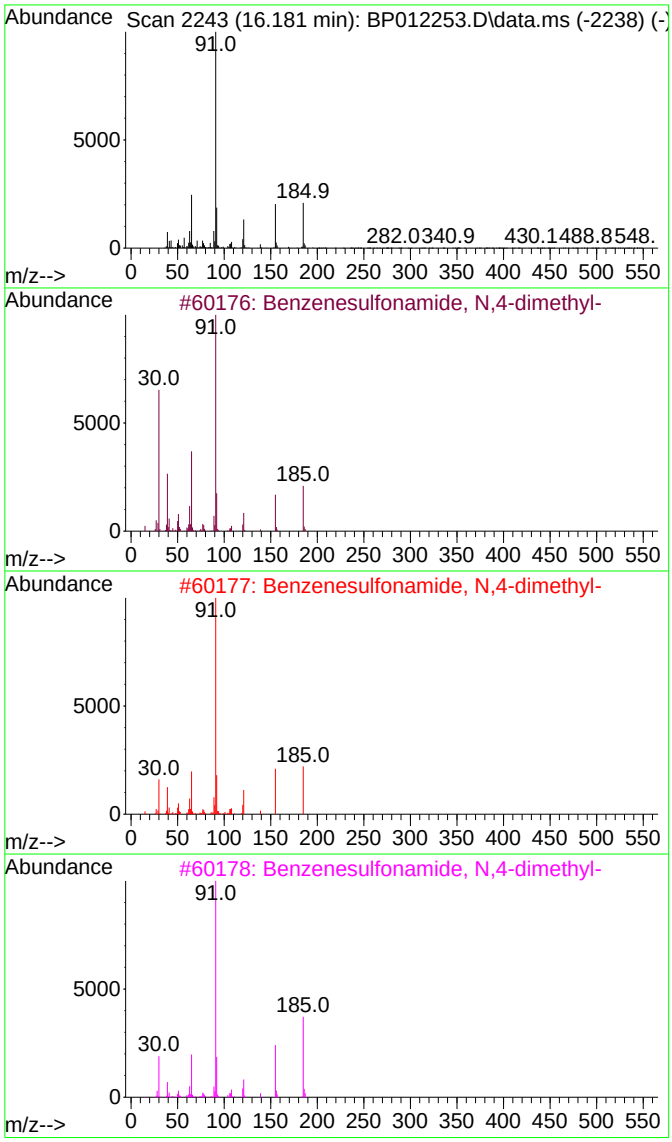
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

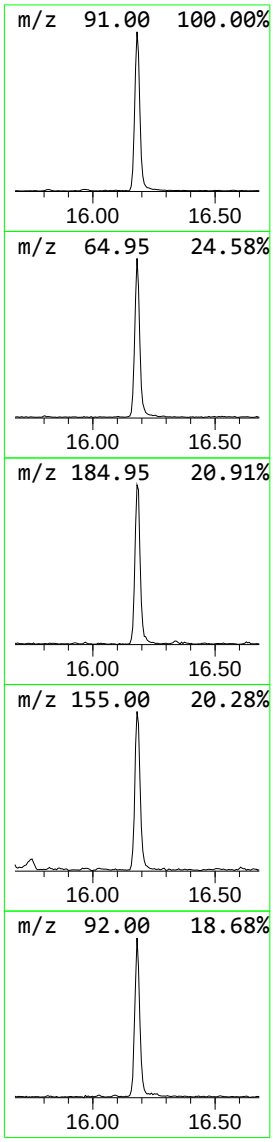
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzenesulfonamide, N,4-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	3.84 ng/ul	946833	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
3	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	93
4	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	62
5	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

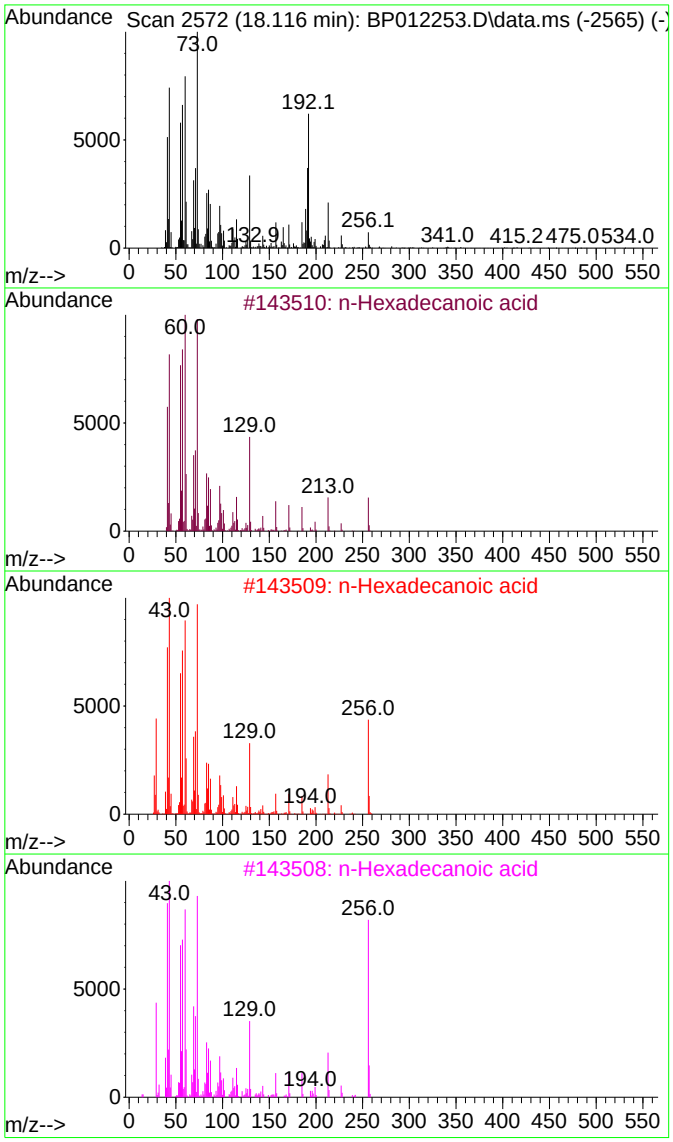
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

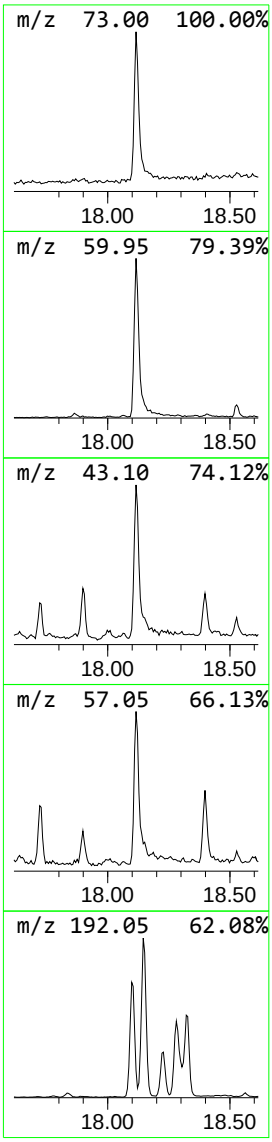
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	3.04 ng/ul	750555	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

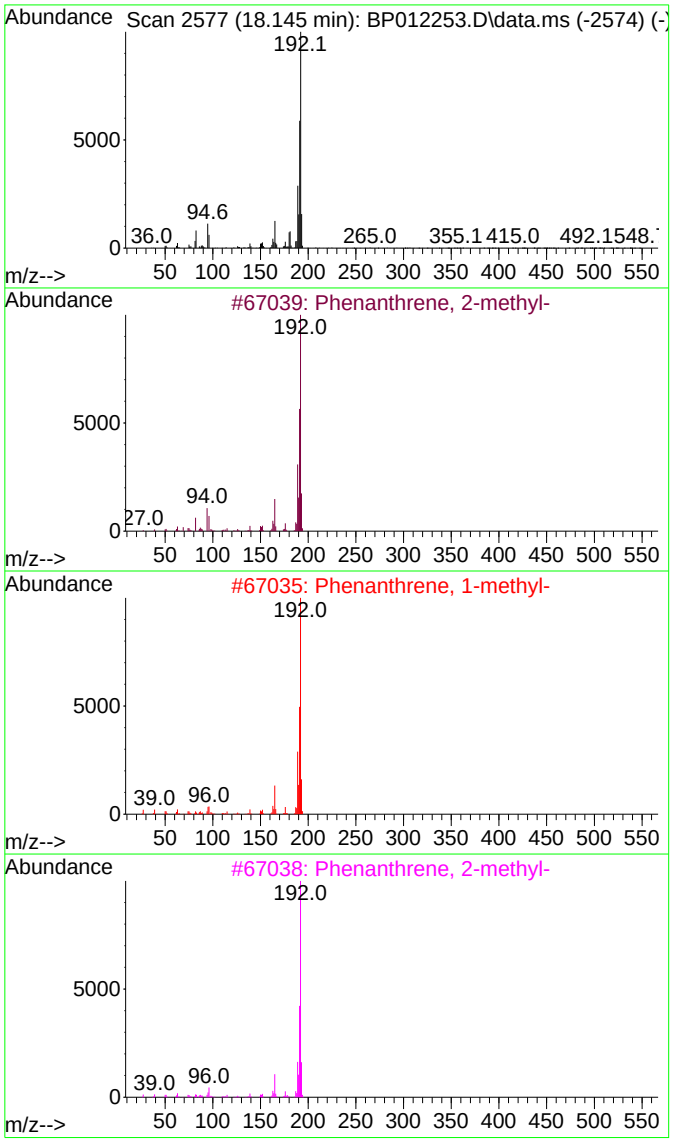
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

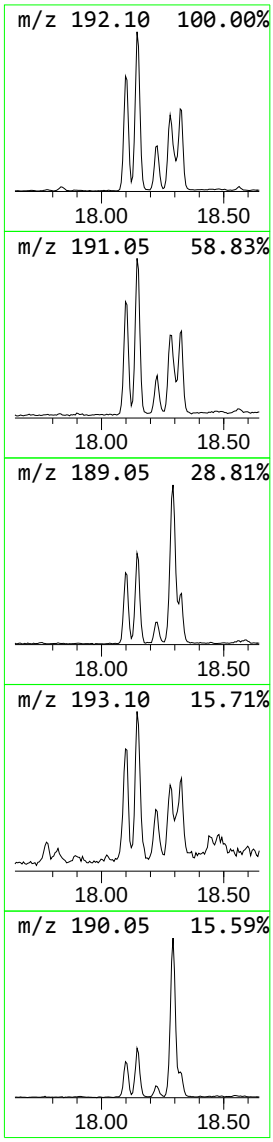
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	2.43 ng/ul	599630	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

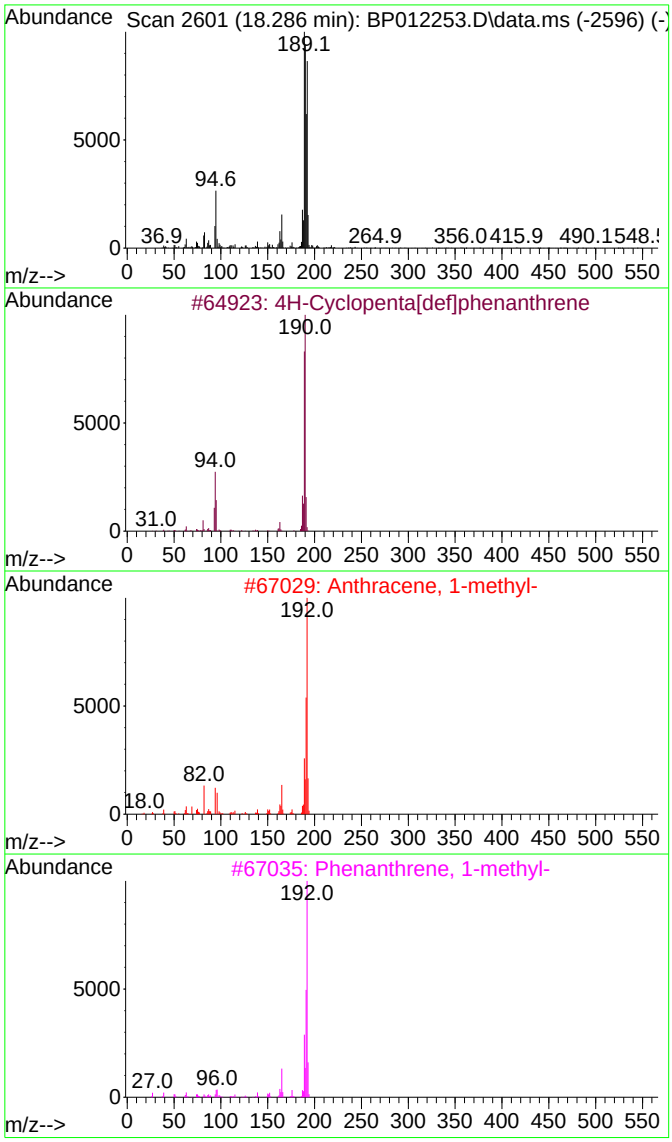
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

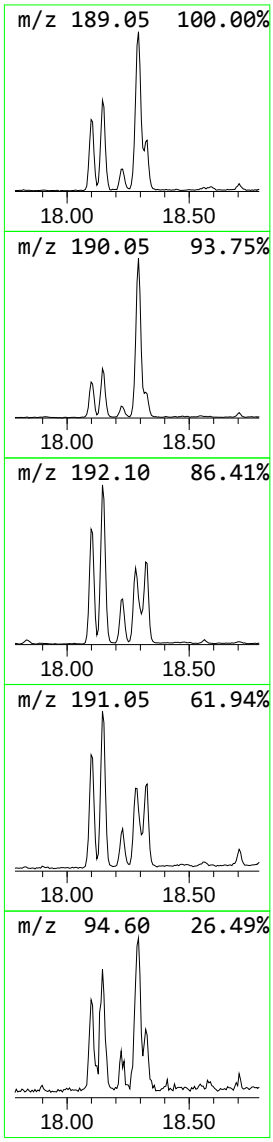
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	2.30 ng/ul	567301	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	62
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

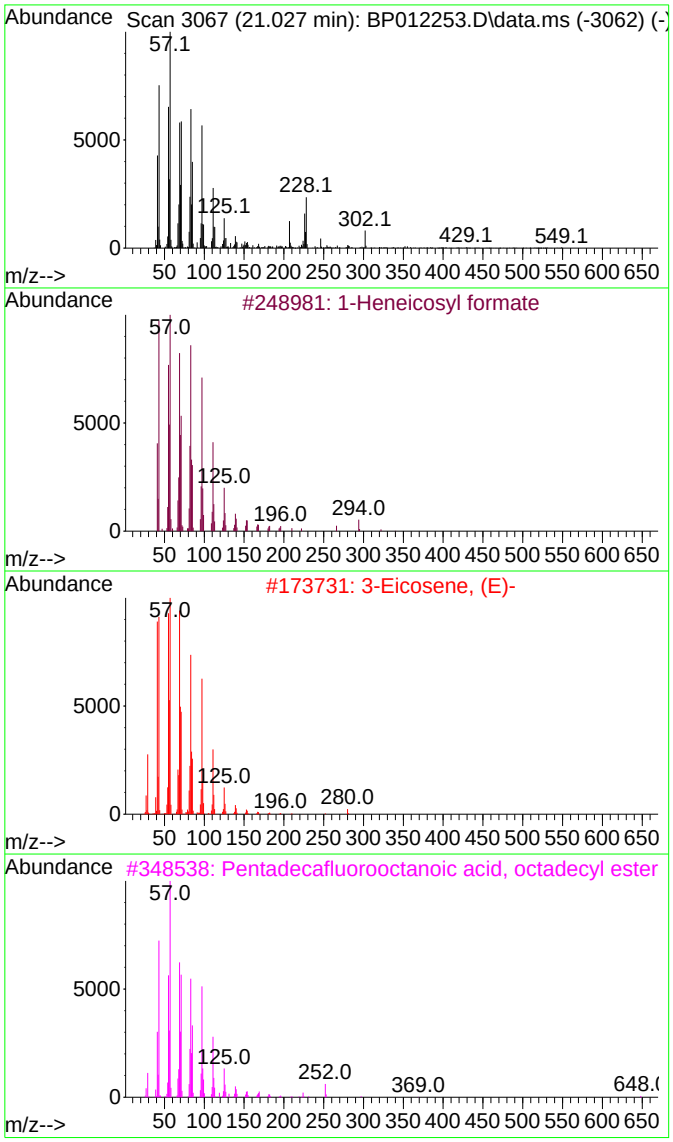
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

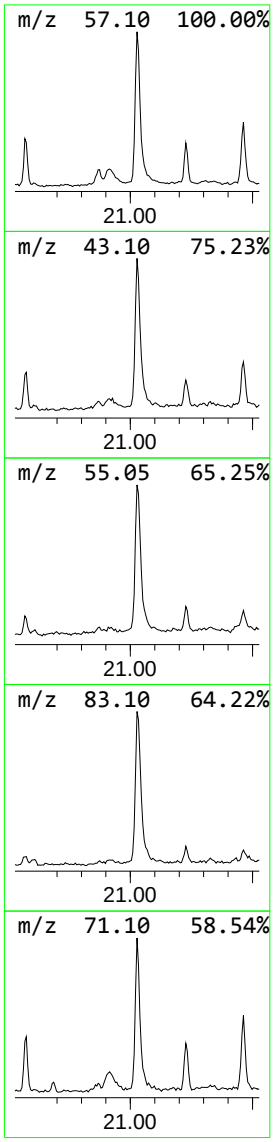
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.028	4.40 ng/ul	1529380	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4	Triacontyl acetate	480	C32H64O2	041755-58-2	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

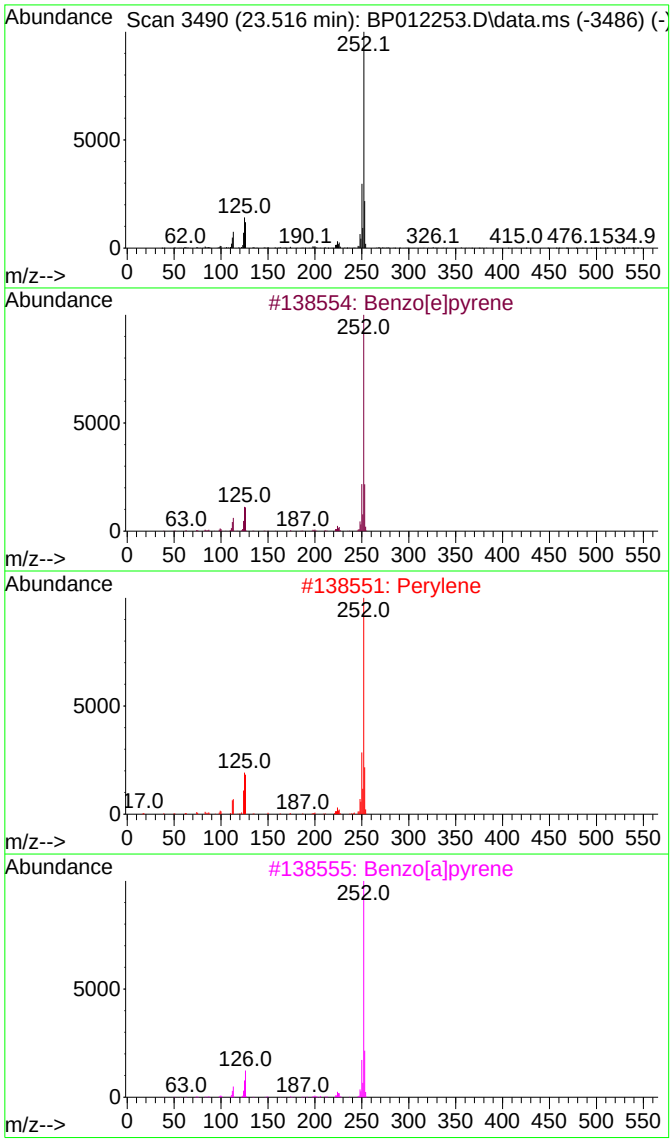
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

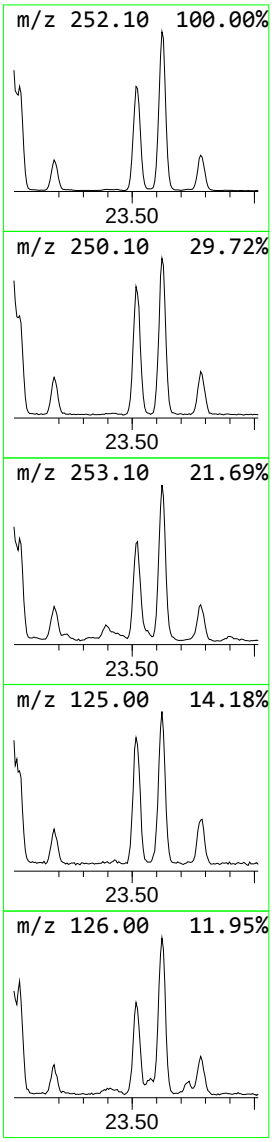
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.516	5.03 ng/ul	1156280	Perylene-d12	23.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012253.D
Acq On : 21 Oct 2022 19:32
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BH7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.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
Benzenesulfonam...	16.181	3.8	ng/ul	946833	4	17.234	4935830	20.0
n-Hexadecanoic ...	18.116	3.0	ng/ul	750555	4	17.234	4935830	20.0
Phenanthrene, 2...	18.145	2.4	ng/ul	599630	4	17.234	4935830	20.0
4H-Cyclopenta[d...	18.286	2.3	ng/ul	567301	4	17.234	4935830	20.0
1-Heneicosyl fo...	21.028	4.4	ng/ul	1529380	5	21.327	6954750	20.0
Benzo[e]pyrene	23.516	5.0	ng/ul	1156280	6	23.727	4601260	20.0