LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

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-BP120722.M
Title : SVOA CALIBRATION

Signal : TIC: BP013081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.799	102	104	116	rBV	64652	123635	0.79%	0.101%
2	4.111	153	157	164	rVB	31543	48052	0.31%	0.039%
3	5.064	314	319	325	rVB	19115	28885	0.18%	0.024%
4	7.122	663	669	678	rBV	272230	435680	2.78%	0.358%
5	7.293	692	698	710	rBV	250469	403818	2.57%	0.331%
6	7.499	726	733	742	rBV	287676	468577	2.98%	0.385%
7	7.969	806	813	822	rBV	1957052	3083453	19.64%	2.531%
8	8.511	898	905	915	rVB2	23831	48181	0.31%	0.040%
9	8.675	926	933	948	rBV	336494	574836	3.66%	0.472%
10	9.140	1005	1012	1022	rBV	260568	442081	2.82%	0.363%
11	9.863	1126	1135	1146	rBV	191335	330448	2.10%	0.271%
12	10.405	1220	1227	1236	rBV	343484	585589	3.73%	0.481%
13	10.787	1282	1292	1298	rBV	2814773	4677661	29.79%	3.840%
14	10.840	1298	1301	1308	rVV	48580	75995	0.48%	0.062%
15	10.928	1308	1316	1328	rVV	198479	388927	2.48%	0.319%
16	12.446	1566	1574	1579	rBV	54334	89423	0.57%	0.073%
17	13.446	1737	1744	1749	rBV3	29529	67728	0.43%	0.056%
18	13.504	1749	1754	1761	rVV3	26689	47139	0.30%	0.039%
19	13.787	1796	1802	1807	rBV8	10931	26424	0.17%	0.022%
20	13.940	1821	1828	1832	rBV4	19991	35649	0.23%	0.029%
21	14.016	1834	1841	1847	rVV	735539	1035034	6.59%	0.850%
22	14.169	1864	1867	1871	rVB2	24955	32570	0.21%	0.027%
23	14.310	1885	1891	1906	rVV	724594	1215076	7.74%	0.997%
24	14.498	1919	1923	1928	rVB	56303	71207	0.45%	0.058%
25	14.616	1933	1943	1949	rBV	4553230	6585133	41.94%	5.406%
26	14.675	1949	1953	1961	rVB	286339	425183	2.71%	0.349%
27	14.810	1970	1976	1986	rBV2	98082	200722	1.28%	0.165%
28	14.922	1989	1995	2001	rVV3	21455	48039	0.31%	0.039%
29	15.010	2005	2010	2016	rVV	269758	425228	2.71%	0.349%
30	15.234	2043	2048	2053	rBV6	18651	34022	0.22%	0.028%
31	15.398	2071	2076	2079	rBV7	16924	30702	0.20%	0.025%
32	15.451	2079	2085	2090	rVB	82676	113284	0.72%	0.093%
33	15.604	2103	2111	2116	rBV	1130666	1610746	10.26%	1.322%
34	15.663	2116	2121	2127	rVV2	823104	1197476	7.63%	0.983%
35	15.722	2127	2131	2135	rVV	165230	244059	1.55%	0.200%
36	15.787	2139	2142	2145	rVV2	53205	69088	0.44%	0.057%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

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-BP120722.M
Title : SVOA CALIBRATION

37	15.828	2145	2149	2152	rVV4	46617	86038	0.55%	0.071%
38	15.863	2152	2155	2159	rVV4	44832	79092	0.50%	0.065%
39	15.910	2159	2163	2167	rVV	57649	90052	0.57%	0.074%
40	15.957	2167	2171	2177	rVB	97857	142174	0.91%	0.117%
41	16.075	2188	2191	2192	rVV2	30726	30469	0.19%	0.025%
42	16.104	2192	2196	2203	rVB	89600	186014	1.18%	0.153%
43	16.316	2228	2232	2235	rBV	167693	240727	1.53%	0.198%
44	16.669	2288	2292	2297	rVB3	78569	118962	0.76%	0.098%
45	16.722	2297	2301	2307	rVB3	45128	71075	0.45%	0.058%
46	16.822	2315	2318	2323	rVB3	50052	72791	0.46%	0.060%
47	16.898	2325	2331	2334	rBV2	54353	104139	0.66%	0.085%
48	16.940	2335	2338	2341	rVB3	42997	59048	0.38%	0.048%
49	17.022	2349	2352	2358	rVB4	51481	73885	0.47%	0.061%
50	17.116	2361	2368	2372	rVV3	182675	318816	2.03%	0.262%
51	17.187	2372	2380	2389	rVB2	219128	462805	2.95%	0.380%
52	17.369	2405	2411	2415	rBV	5716340	8170235	52.04%	6.707%
53	17.416	2415	2419	2424	rVV	2984539	4177661	26.61%	3.429%
54	17.469	2424	2428	2430	rVV2	1123709	1561374	9.94%	1.282%
55	17.504	2430	2434	2441	rVB	11206255	15700130	100.00%	12.888%
56	17.651	2454	2459	2467	rVB	118294	195325	1.24%	0.160%
57	17.775	2474	2480	2489	rBV	1422161	1970111	12.55%	1.617%
58	17.857	2490	2494	2496	rVV	140128	162989	1.04%	0.134%
59	17.887	2496	2499	2505	rVB	79136	102409	0.65%	0.084%
60	17.945	2506	2509	2513	rBV	41995	58027	0.37%	0.048%
61	18.081	2530	2532	2537	rBV2	25570	42913	0.27%	0.035%
62	18.234	2554	2558	2562	rBV	266728	343875	2.19%	0.282%
63	18.281	2562	2566	2571	rVB	334682	440645	2.81%	0.362%
64	18.357	2575	2579	2584	rBV	306556	409621	2.61%	0.336%
65	18.428	2585	2591	2595	rBV	1330800	1965637	12.52%	1.614%
66	18.522	2604	2607	2611	rBV2	154922	184202	1.17%	0.151%
67	18.563	2612	2614	2618	rVB3	42359	48890	0.31%	0.040%
68	18.610	2619	2622	2626	rBV2	64427	86393	0.55%	0.071%
69	18.716	2636	2640	2643	rBV	164928	207932	1.32%	0.171%
70	18.757	2644	2647	2651	rVB2	93468	127912	0.81%	0.105%
71	18.951	2677	2680	2686	rBV4	66502	93075	0.59%	0.076%
72	18.998	2686	2688	2691	rVV	56451	61290	0.39%	0.050%
73	19.039	2692	2695	2698	rVB	67591	71294	0.45%	0.059%
74	19.128	2704	2710	2714	rBV3	179545	367283	2.34%	0.302%
75	19.257	2727	2732	2741	rBV2	252485	557127	3.55%	0.457%
76	19.375	2746	2752	2758	rVV	7543052	9467580	60.30%	7.772%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

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-BP120722.M
Title : SVOA CALIBRATION

77	19.469	2765	2768	2773	rVB	140418	158244	1.01%	0.130%
78	19.610	2786	2792	2801	rVB2	317872	635614	4.05%	0.522%
79	19.698	2802	2807	2809	rVV2	2643537	3761513	23.96%	3.088%
80	19.728	2809	2812	2819	rVV	6804228	8804181	56.08%	7.227%
81	19.792	2820	2823	2828	rVB2	208710	291625	1.86%	0.239%
82	19.898	2837	2841	2847	rBV	284334	392113	2.50%	0.322%
83	19.969	2848	2853	2857	rVB	269095	374542	2.39%	0.307%
84	20.033	2860	2864	2865	rBV	298946	350117	2.23%	0.287%
85	20.204	2883	2893	2898	rBV	832052	1747520	11.13%	1.435%
86	20.304	2906	2910	2914	rBV	625689	781064	4.97%	0.641%
87	20.363	2914	2920	2924	rVV2	426285	769145	4.90%	0.631%
88	20.398	2924	2926	2929	rVB	141703	151101	0.96%	0.124%
89	20.504	2940	2944	2947	rBV	276204	391128	2.49%	0.321%
90	20.545	2948	2951	2954	rVB	224626	266038	1.69%	0.218%
91	21.104	3043	3046	3049	rBV	372382	441074	2.81%	0.362%
92	21.139	3049	3052	3056	rVV3	387615	533640	3.40%	0.438%
93	21.180	3056	3059	3063	rVB2	493525	640588	4.08%	0.526%
94	21.457	3099	3106	3110	rBV2	6607309	11335895	72.20%	9.306%
95	21.492	3110	3112	3123	rVB	1869416	2623279	16.71%	2.153%
96	21.622	3131	3134	3141	rVB	289270	442209	2.82%	0.363%
97	23.180	3393	3399	3405	rBV	1353493	3372142	21.48%	2.768%
98	23.727	3488	3492	3497	rBV	498906	840200	5.35%	0.690%
99	23.786	3497	3502	3506	rBV	684376	1303381	8.30%	1.070%
100	23.951	3523	3530	3537	rBV	3687773	7380904	47.01%	6.059%

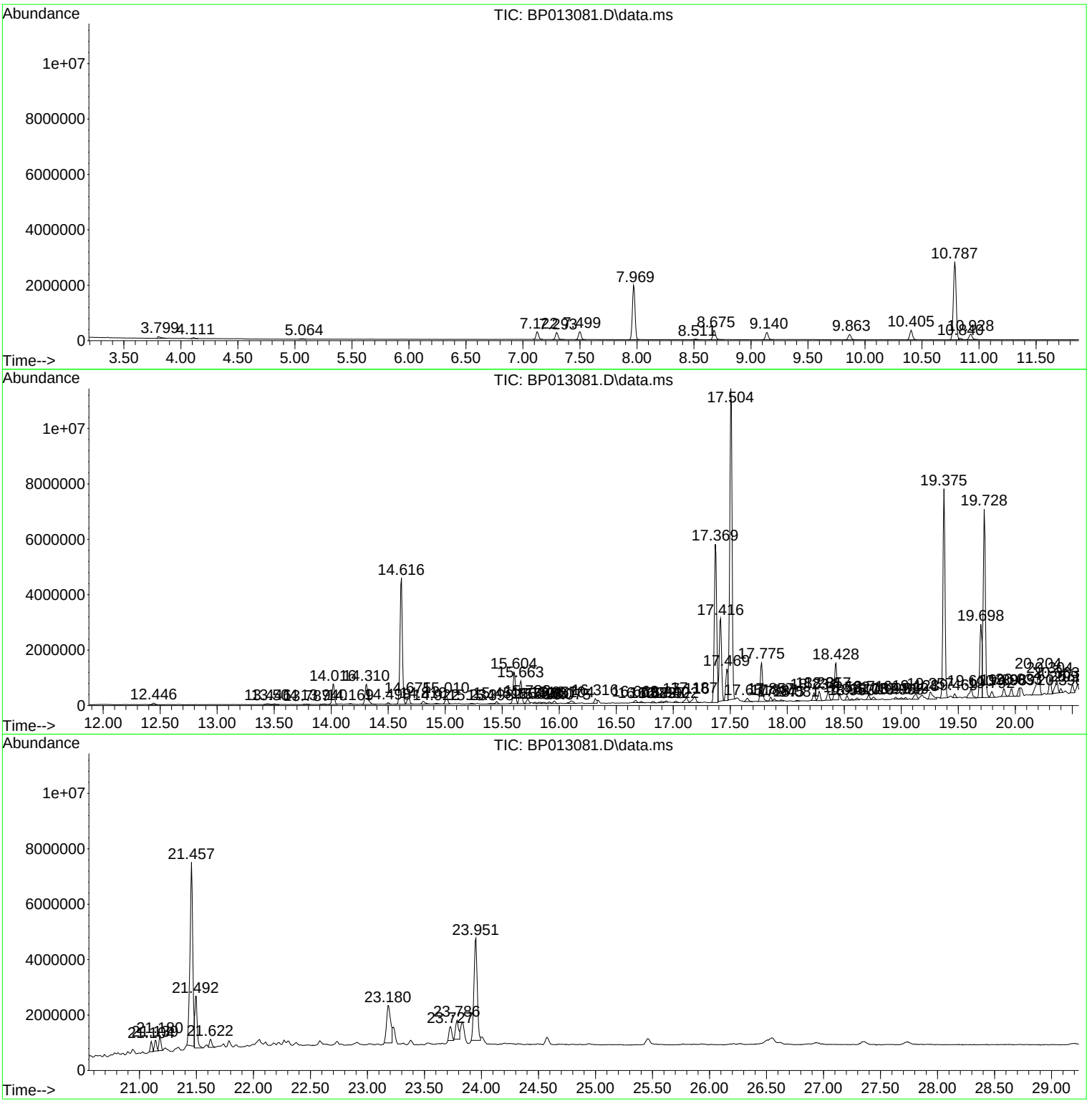
Sum of corrected areas: 121817024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

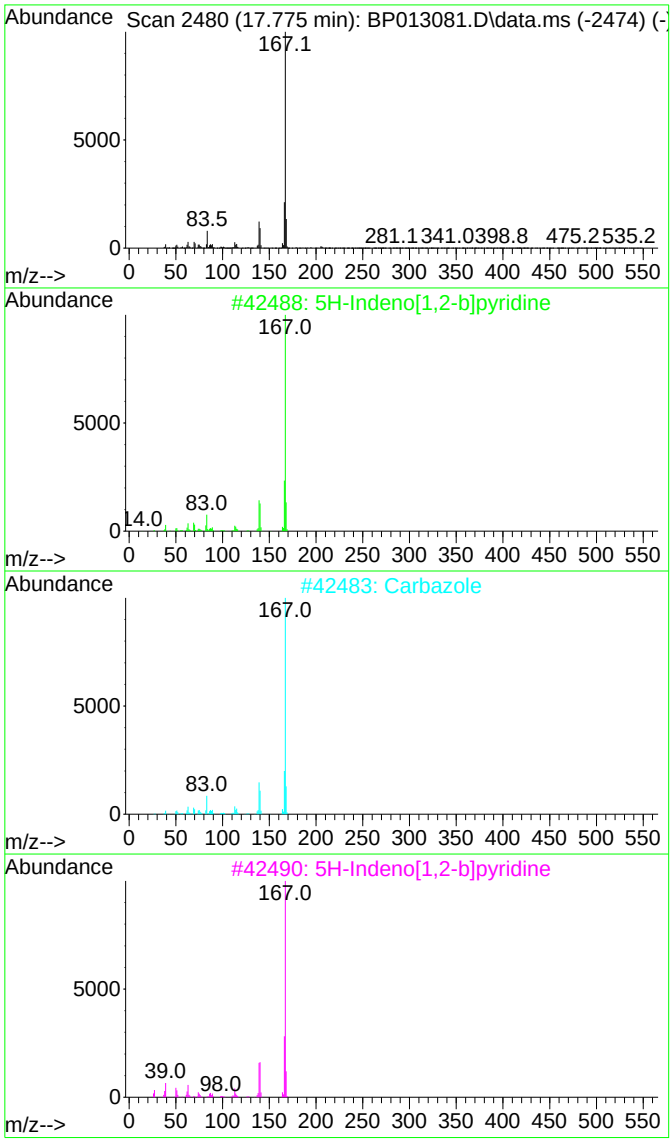
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

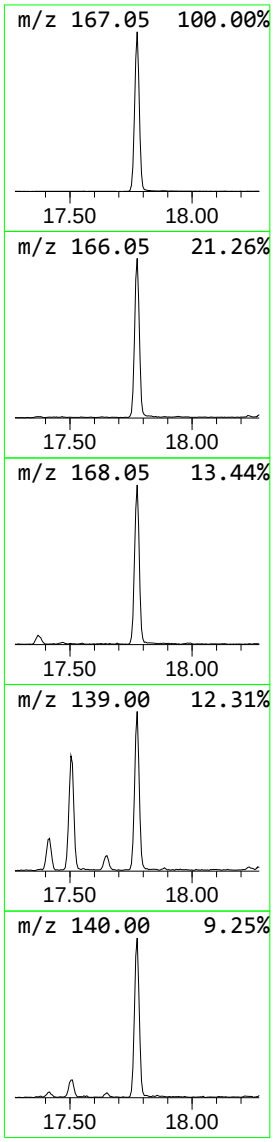
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 5H-Indeno[1,2-b]pyridine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.775	4.82 ng/ul	1970110	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

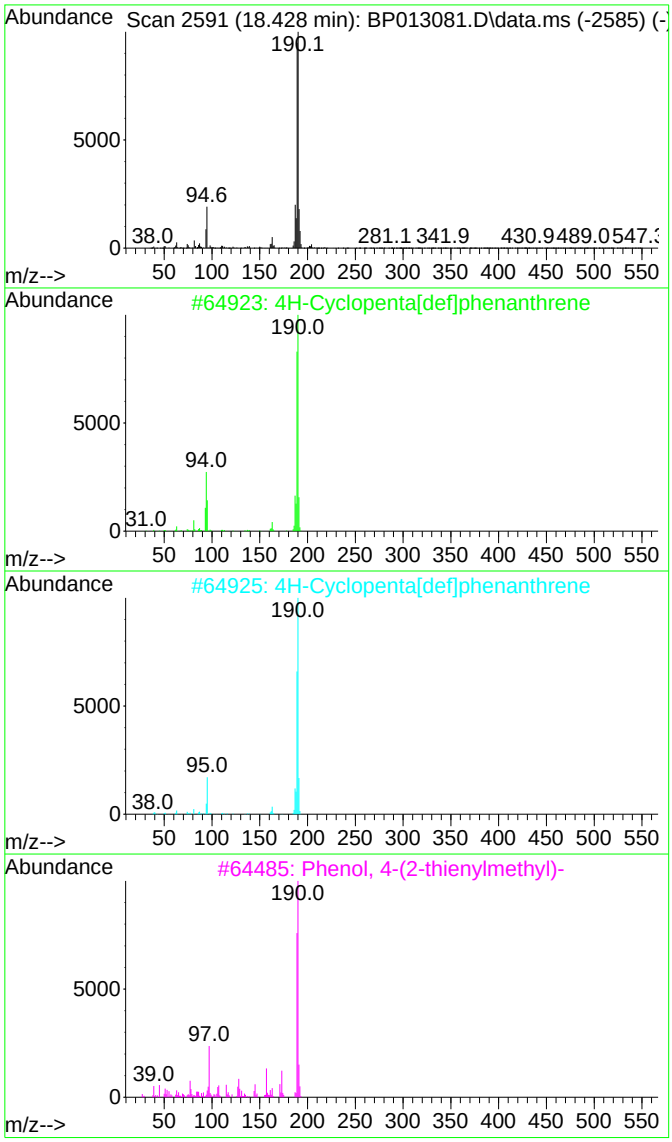
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

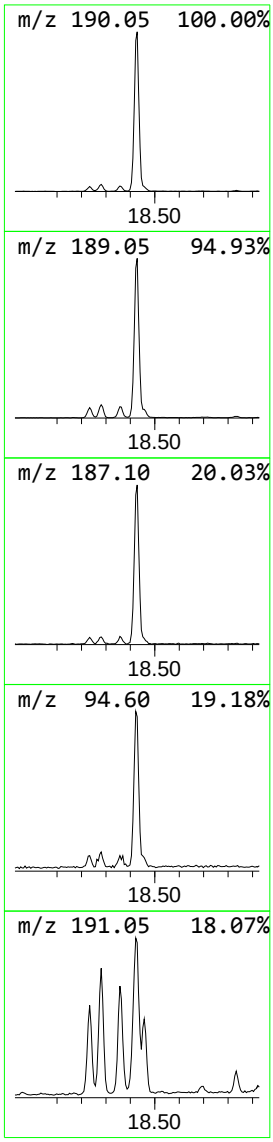
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.428	4.81 ng/ul	1965640	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

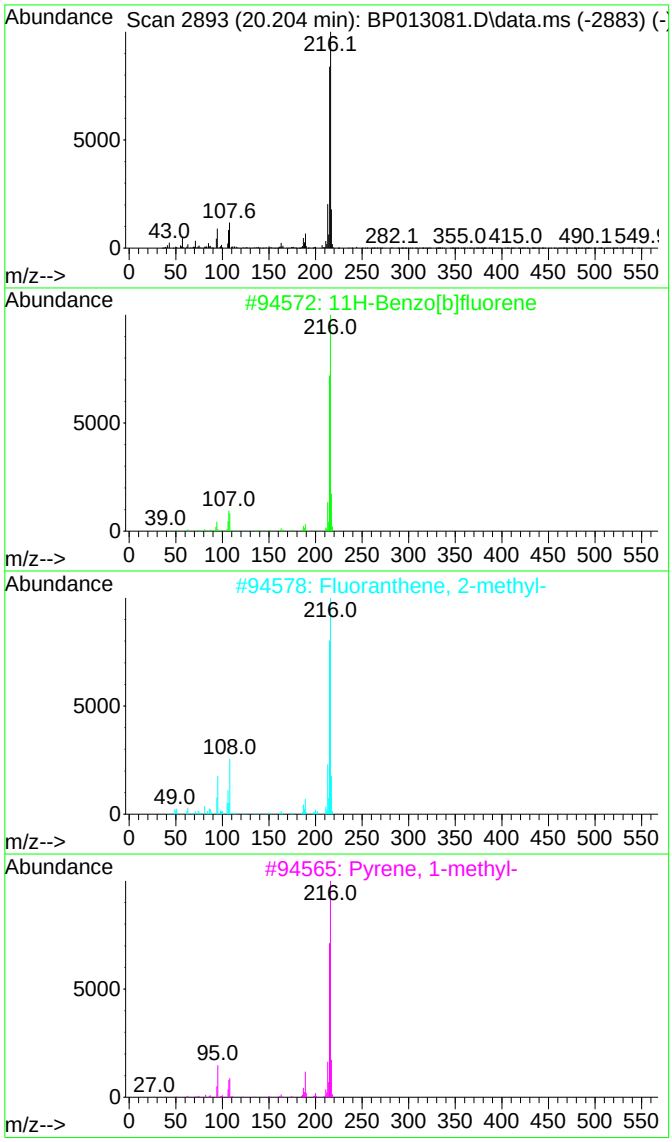
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

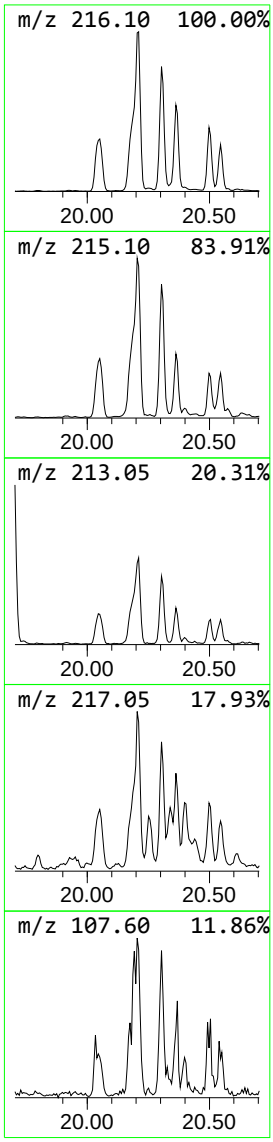
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	3.08 ng/ul	1747520	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

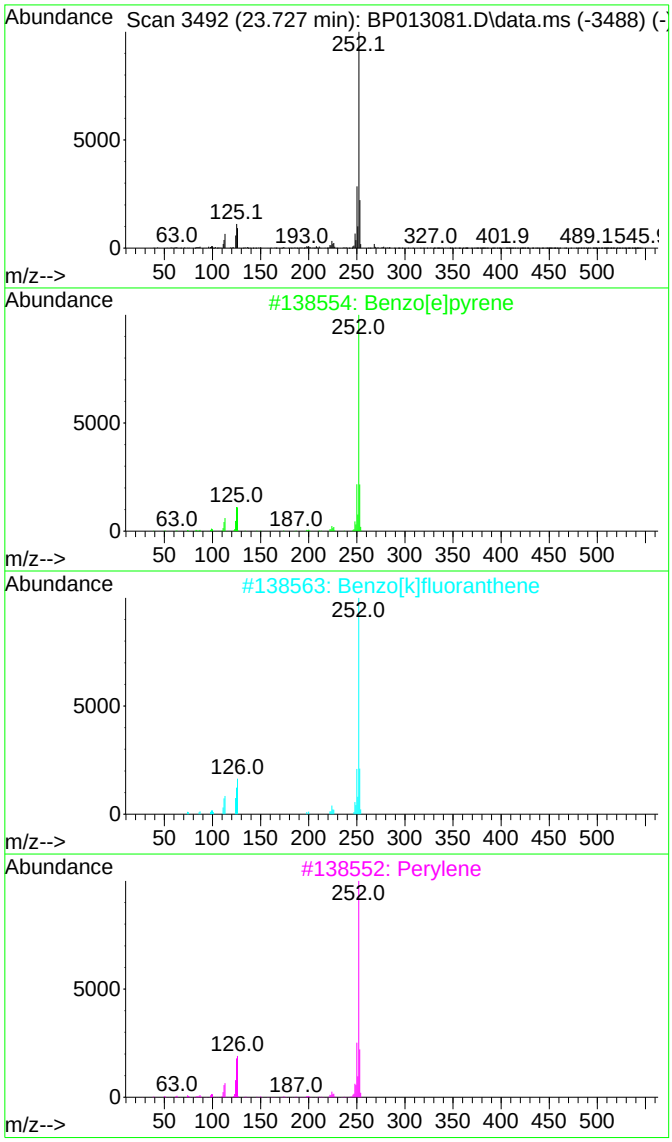
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

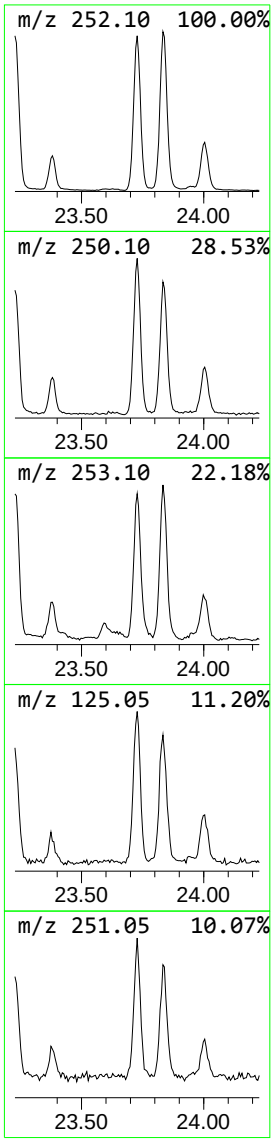
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.727	2.28 ng/ul	840200	Perylene-d12	23.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013081.D
Acq On : 12 Dec 2022 10:49
Operator : CG/JU
Sample : N5832-15MEDL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL0MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.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
5H-Indeno[1,2-b...	17.775	4.8	ng/ul	1970110	4	17.369	8170240	20.0
4H-Cyclopenta[d...	18.428	4.8	ng/ul	1965640	4	17.369	8170240	20.0
11H-Benzo[b]flu...	20.204	3.1	ng/ul	1747520	5	21.457	11335900	20.0
Benzo[e]pyrene	23.727	2.3	ng/ul	840200	6	23.951	7380900	20.0