LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

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-BP081622.M
Title : SVOA CALIBRATION

Signal : TIC: BP011458.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.581	98	101	109	rVB4	7306	11042	0.35%	0.033%
2	3.693	116	120	127	rBV3	5919	10699	0.33%	0.032%
3	3.781	132	135	143	rVB3	8448	13985	0.44%	0.042%
4	4.216	206	209	216	rVB	8118	11788	0.37%	0.035%
5	4.693	288	290	293	rVB4	3176	3272	0.10%	0.010%
6	4.816	306	311	314	rBV7	2634	4544	0.14%	0.013%
7	6.699	626	631	633	rBV4	4046	5938	0.19%	0.018%
8	6.746	633	639	651	rVB	96449	161011	5.04%	0.478%
9	6.910	661	667	675	rBV	73651	116699	3.65%	0.347%
10	7.093	691	698	705	rVV	99811	152971	4.78%	0.454%
11	7.557	770	777	787	rBV	497640	776491	24.29%	2.306%
12	7.640	787	791	796	rVB7	2565	5006	0.16%	0.015%
13	8.281	892	900	909	rBV	119084	199891	6.25%	0.594%
14	8.393	913	919	927	rVB	13241	23991	0.75%	0.071%
15	8.722	967	975	984	rBV	95078	160504	5.02%	0.477%
16	9.128	1040	1044	1051	rVB2	6265	9687	0.30%	0.029%
17	9.440	1089	1097	1108	rBV	72973	129323	4.05%	0.384%
18	9.975	1181	1188	1199	rBV	114767	202600	6.34%	0.602%
19	10.345	1242	1251	1258	rBV	718329	1169980	36.60%	3.474%
20	10.398	1258	1260	1267	rVB	15926	21103	0.66%	0.063%
21	10.504	1273	1278	1290	rVB2	17674	37323	1.17%	0.111%
22	11.628	1461	1469	1474	rBV6	3482	5193	0.16%	0.015%
23	11.951	1522	1524	1529	rVV4	3007	4324	0.14%	0.013%
24	12.022	1531	1536	1544	rBV2	11370	18785	0.59%	0.056%
25	12.251	1569	1575	1579	rBV3	8020	13652	0.43%	0.041%
26	13.057	1708	1712	1717	rBV5	5242	7854	0.25%	0.023%
27	13.257	1740	1746	1748	rBV3	3313	3694	0.12%	0.011%
28	13.387	1764	1768	1769	rBV4	3987	4822	0.15%	0.014%
29	13.551	1789	1796	1800	rBV3	5896	11450	0.36%	0.034%
30	13.604	1800	1805	1808	rVV4	4260	5385	0.17%	0.016%
31	13.657	1808	1814	1820	rBV	231488	314421	9.83%	0.934%
32	13.786	1830	1836	1839	rBV8	3456	5615	0.18%	0.017%
33	13.922	1852	1859	1872	rBV	241242	359288	11.24%	1.067%
34	14.145	1894	1897	1903	rVB4	4285	5430	0.17%	0.016%
35	14.234	1905	1912	1918	rBV	1000562	1398656	43.75%	4.153%
36	14.298	1918	1923	1932	rVB	58503	86217	2.70%	0.256%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

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-BP081622.M
Title : SVOA CALIBRATION

37	14.463	1946	1951	1962	rBV2	39375	89652	2.80%	0.266%
38	14.545	1963	1965	1971	rVB6	6502	9526	0.30%	0.028%
39	14.639	1975	1981	1986	rBV	21763	33873	1.06%	0.101%
40	14.769	2001	2003	2010	rVB7	2481	4143	0.13%	0.012%
41	14.857	2015	2018	2024	rVV8	2440	4091	0.13%	0.012%
42	14.910	2024	2027	2032	rVB7	1775	3421	0.11%	0.010%
43	15.104	2058	2060	2065	rVB6	5390	5434	0.17%	0.016%
44	15.233	2077	2082	2088	rBV	326186	459716	14.38%	1.365%
45	15.292	2088	2092	2097	rVB2	39887	58594	1.83%	0.174%
46	15.375	2101	2106	2111	rBV2	30262	47343	1.48%	0.141%
47	15.457	2116	2120	2123	rVV5	8658	15139	0.47%	0.045%
48	15.504	2126	2128	2131	rVV3	5485	7711	0.24%	0.023%
49	15.539	2131	2134	2138	rVV5	5802	9957	0.31%	0.030%
50	15.592	2139	2143	2152	rVB4	10009	16760	0.52%	0.050%
51	15.733	2163	2167	2176	rVB3	9868	21847	0.68%	0.065%
52	15.975	2204	2208	2215	rBV8	13200	24404	0.76%	0.072%
53	16.098	2226	2229	2232	rVB5	4208	4686	0.15%	0.014%
54	16.269	2254	2258	2259	rBV4	4062	5500	0.17%	0.016%
55	16.357	2269	2273	2278	rVB5	6379	10829	0.34%	0.032%
56	16.663	2321	2325	2329	rVB	11281	17139	0.54%	0.051%
57	16.757	2334	2341	2348	rVV6	25481	60534	1.89%	0.180%
58	16.822	2348	2352	2358	rVB	24409	38106	1.19%	0.113%
59	17.004	2377	2383	2387	rVV	1149869	1566598	49.00%	4.652%
60	17.045	2387	2390	2395	rVV	534283	706656	22.10%	2.098%
61	17.104	2395	2400	2404	rVV	379854	536667	16.79%	1.594%
62	17.139	2404	2406	2413	rVV	102497	115767	3.62%	0.344%
63	17.204	2413	2417	2422	rVV2	12443	22910	0.72%	0.068%
64	17.422	2447	2454	2465	rVB	59441	101332	3.17%	0.301%
65	17.527	2469	2472	2476	rBV4	16208	24097	0.75%	0.072%
66	17.886	2529	2533	2536	rBV	46503	60082	1.88%	0.178%
67	17.927	2536	2540	2548	rVB	91001	130720	4.09%	0.388%
68	18.010	2548	2554	2559	rBV4	39390	80269	2.51%	0.238%
69	18.074	2560	2565	2569	rVV2	110522	192454	6.02%	0.571%
70	18.110	2569	2571	2575	rVB2	53567	63995	2.00%	0.190%
71	18.380	2614	2617	2621	rVB	38389	44323	1.39%	0.132%
72	18.416	2621	2623	2627	rBV5	14619	15888	0.50%	0.047%
73	18.616	2654	2657	2660	rBV4	19901	25796	0.81%	0.077%
74	18.874	2698	2701	2704	rVB	32049	39927	1.25%	0.119%
75	19.039	2724	2729	2735	rVB	1451082	1777415	55.60%	5.278%
76	19.369	2780	2785	2787	rBV2	624637	903169	28.25%	2.682%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

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-BP081622.M
Title : SVOA CALIBRATION

77	19.398	2787	2790	2794	rVB	1178120	1475472	46.15%	4.381%
78	19.469	2799	2802	2808	rVB2	76746	123259	3.86%	0.366%
79	19.574	2816	2820	2825	rBV	79627	108315	3.39%	0.322%
80	19.721	2840	2845	2851	rVB3	75382	151418	4.74%	0.450%
81	19.810	2856	2860	2863	rVV	170996	194273	6.08%	0.577%
82	19.886	2863	2873	2876	rBV	229404	448674	14.03%	1.332%
83	19.986	2886	2890	2893	rBV	191989	253026	7.91%	0.751%
84	20.621	2996	2998	3008	rVB4	201169	479958	15.01%	1.425%
85	20.821	3030	3032	3035	rVV	138976	135917	4.25%	0.404%
86	20.857	3036	3038	3046	rVB3	183918	374906	11.73%	1.113%
87	21.127	3079	3084	3089	rBV3	1596683	3197003	100.00%	9.493%
88	21.174	3089	3092	3099	rVB	1176487	1396852	43.69%	4.148%
89	21.745	3186	3189	3194	rVB	160674	212779	6.66%	0.632%
90	22.739	3352	3358	3363	rBV	1387790	3083830	96.46%	9.157%
91	23.233	3437	3442	3447	rVB	744605	1223343	38.27%	3.633%
92	23.333	3454	3459	3467	rVB	1131015	2100882	65.71%	6.238%
93	23.433	3470	3476	3481	rVV2	752997	1445084	45.20%	4.291%
94	23.486	3481	3485	3493	rVB2	280871	565228	17.68%	1.678%
95	25.798	3870	3878	3891	rVB2	743682	2285776	71.50%	6.787%
96	26.527	3995	4002	4019	rVB	497252	1591642	49.79%	4.726%

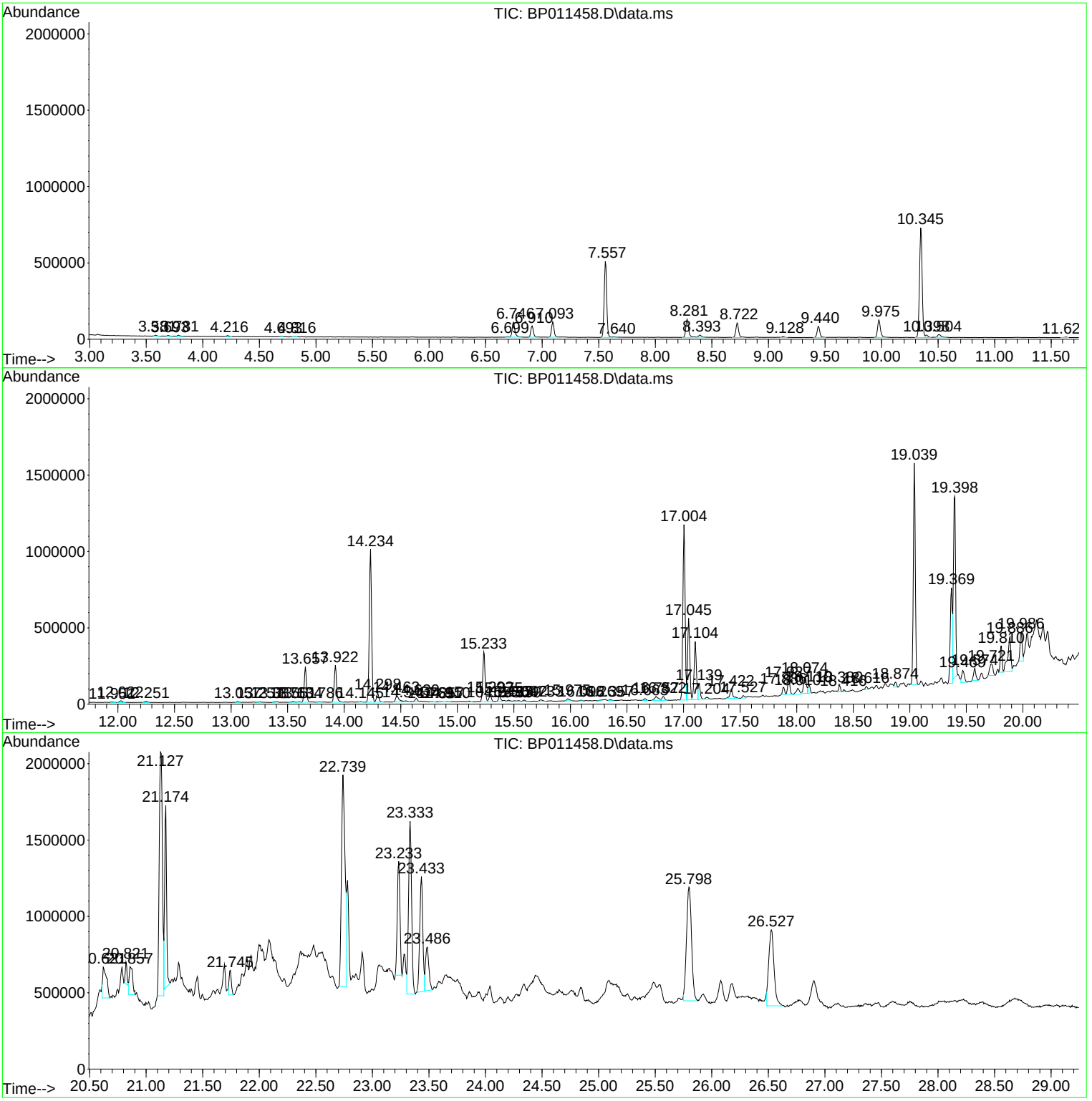
Sum of corrected areas: 33676741

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

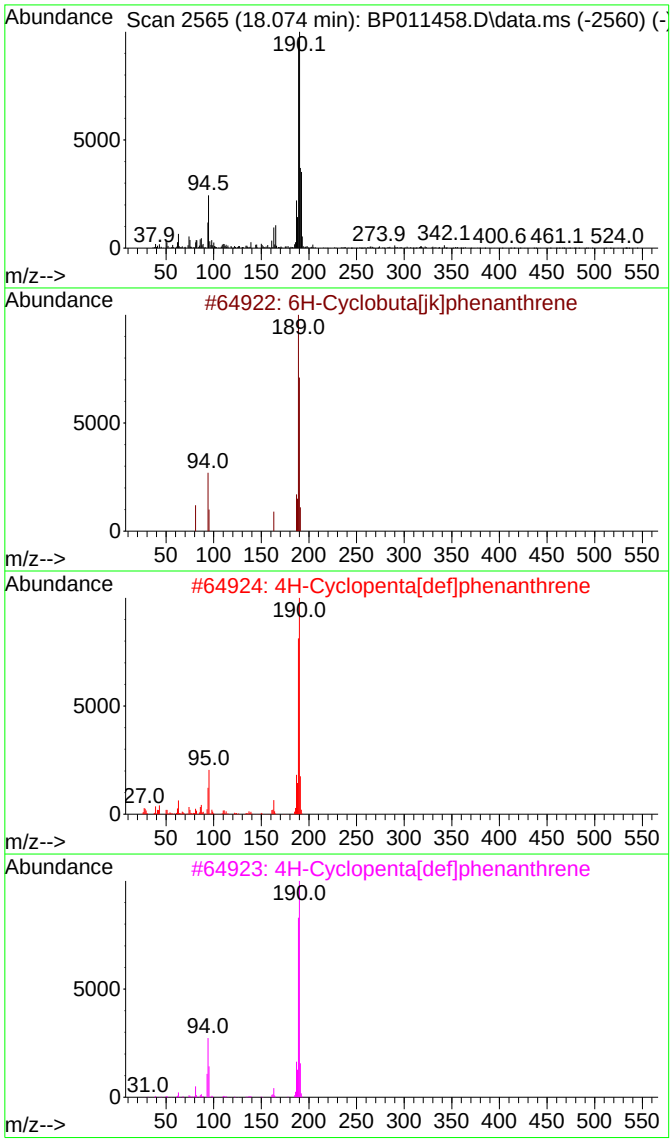
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

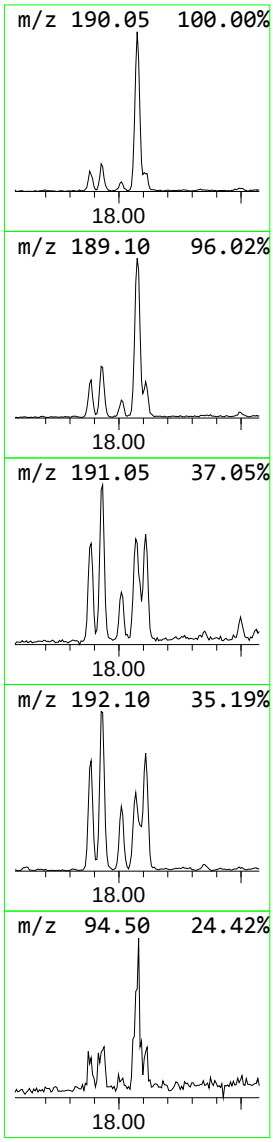
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 6H-Cyclobuta[jk]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	2.46 ng/ul	192454	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
5	1,2,3,4,5,6,7,8,9,10-Decahydro-5...	190	C13H18O	1000497-99-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

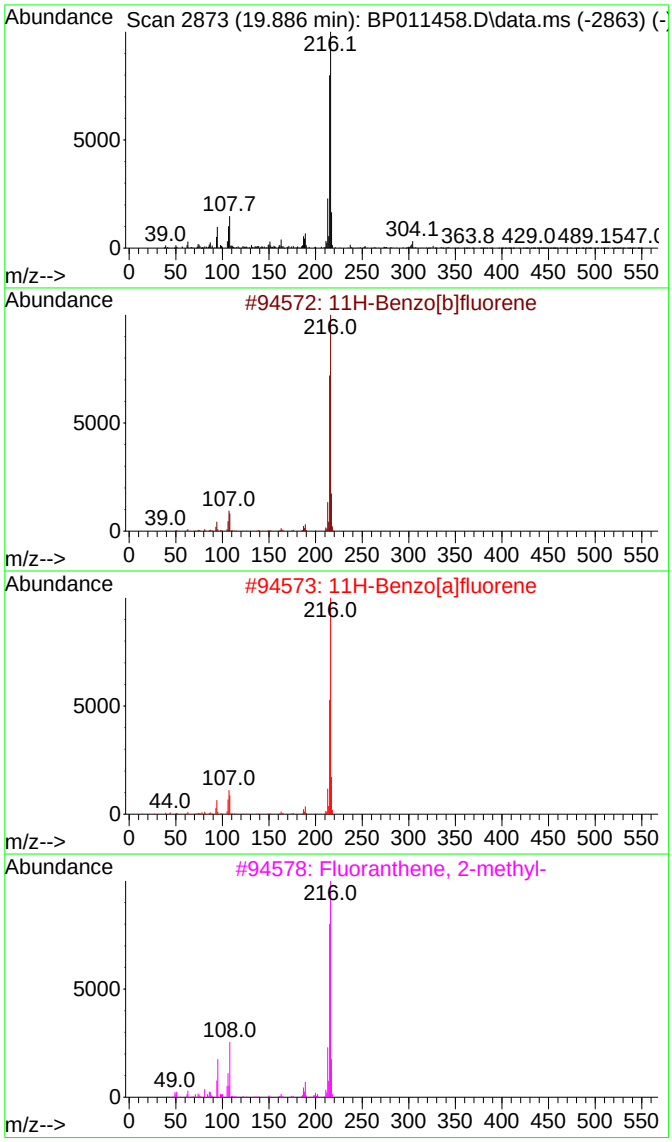
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

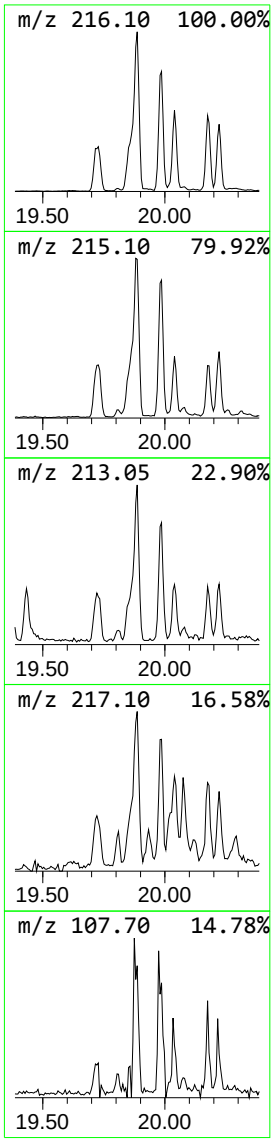
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.886	2.81 ng/ul	448674	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

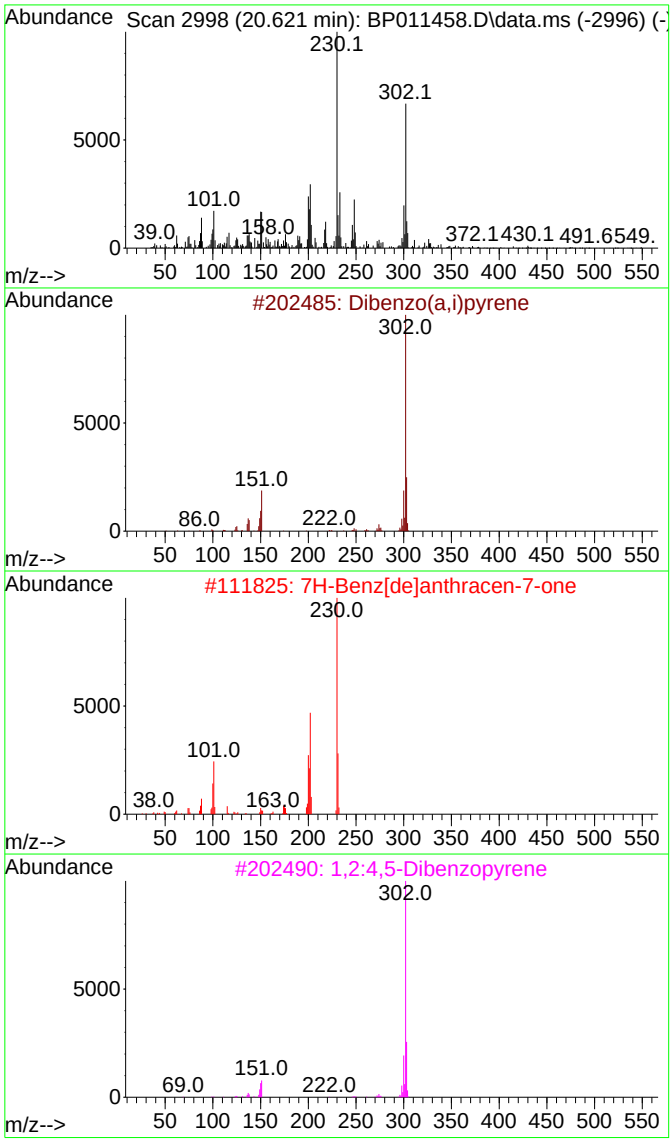
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

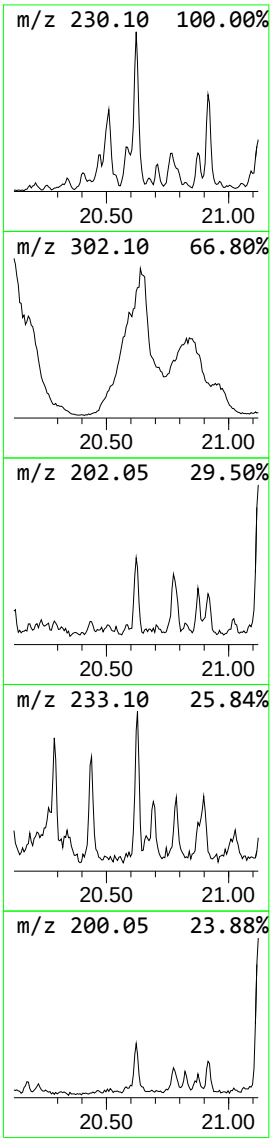
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.621	3.00 ng/ul	479958	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	46
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	43
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	40
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	38
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

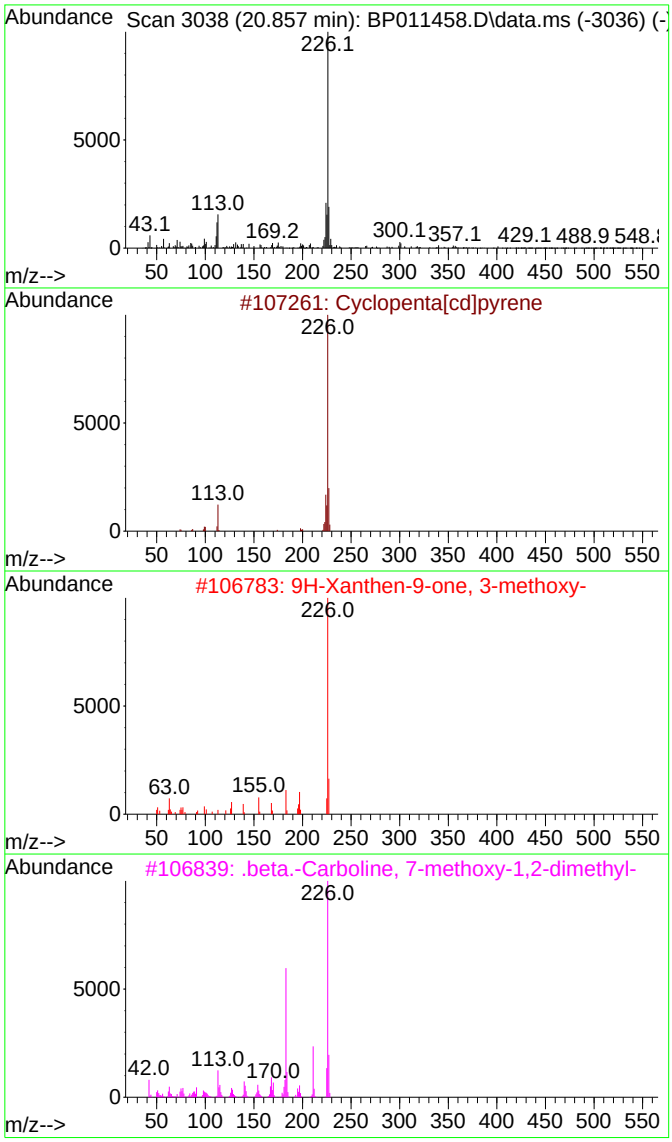
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

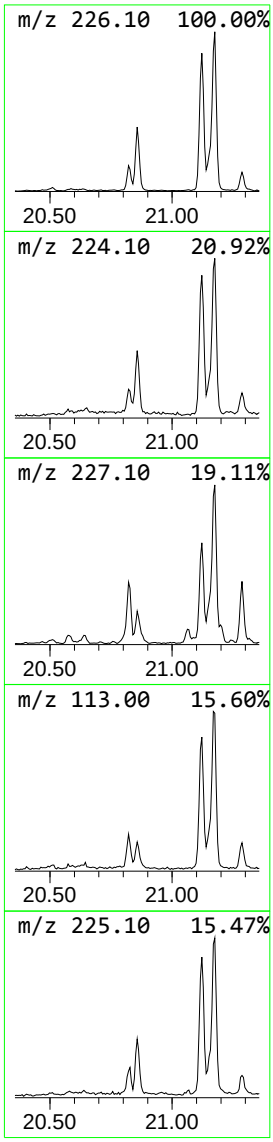
****

Peak Number 4 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.857	2.35 ng/ul	374906	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
4	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	50
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

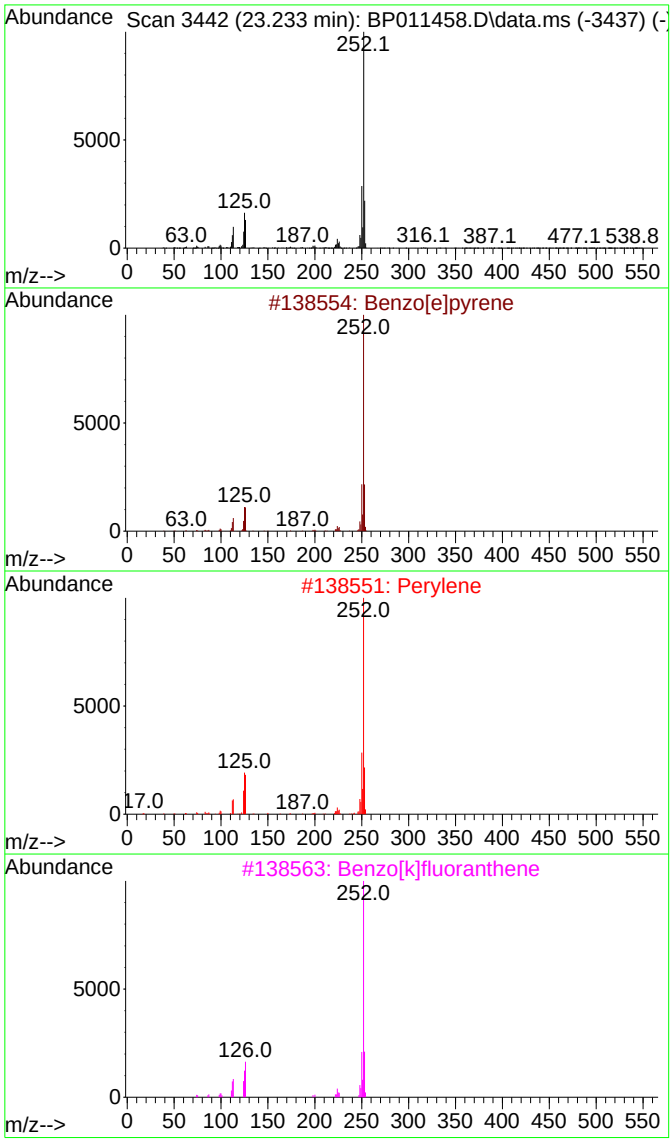
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

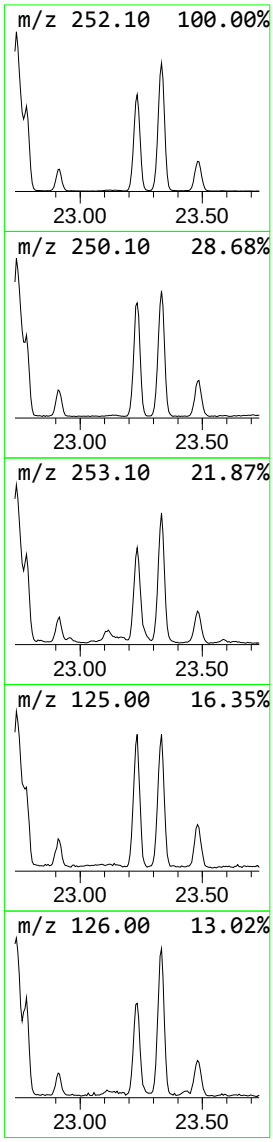
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.233	16.93 ng/ul	1223340	Perylene-d12	23.433

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	99
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

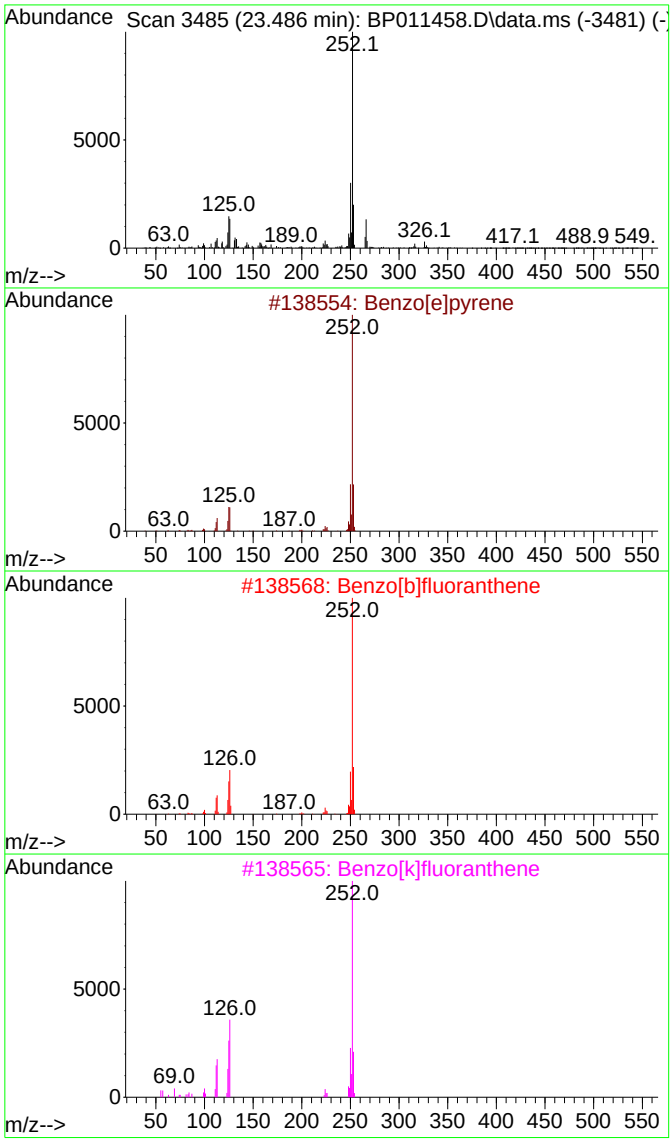
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

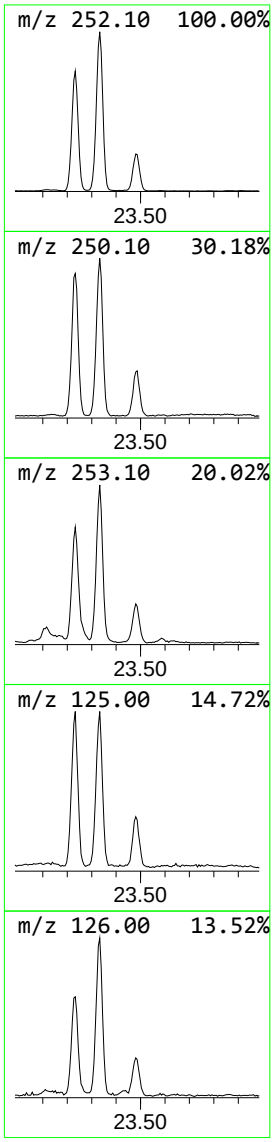
****

Peak Number 6 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.486	7.82 ng/ul	565228	Perylene-d12	23.433

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	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011458.D
Acq On : 17 Aug 2022 12:30
Operator : CG/JU
Sample : N4173-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.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
6H-Cyclobuta[jk...	18.075	2.5	ng/ul	192454	4	17.004	1566600	20.0
11H-Benzo[b]flu...	19.886	2.8	ng/ul	448674	5	21.139	3197000	20.0
unknown-01	20.621	3.0	ng/ul	479958	5	21.139	3197000	20.0
Cyclopenta[cd]p...	20.857	2.4	ng/ul	374906	5	21.139	3197000	20.0
Benzo[e]pyrene	23.233	16.9	ng/ul	1223340	6	23.433	1445080	20.0
unknown-02	23.486	7.8	ng/ul	565228	6	23.433	1445080	20.0