LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

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-BP101122.M
Title : SVOA CALIBRATION

Signal : TIC: BP012073.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.276	45	49	58	rVB	59520	78706	0.88%	0.084%
2	3.705	119	122	135	rBV	319913	507110	5.68%	0.544%
3	3.805	135	139	146	rVB	45742	69268	0.78%	0.074%
4	3.923	154	159	168	rVB	46469	74510	0.83%	0.080%
5	4.023	171	176	180	rVB	35304	47074	0.53%	0.051%
6	4.946	327	333	337	rBV	22949	37536	0.42%	0.040%
7	5.481	418	424	432	rBV	22713	44169	0.49%	0.047%
8	5.852	481	487	492	rBV2	34620	54034	0.61%	0.058%
9	7.017	677	685	700	rVV	947346	1575389	17.65%	1.691%
10	7.187	706	714	728	rBV	773284	1239127	13.88%	1.330%
11	7.381	741	747	758	rBV	976630	1544733	17.31%	1.658%
12	7.852	818	827	836	rBV	810976	1305241	14.62%	1.401%
13	8.564	942	948	964	rBV	1070093	1818034	20.37%	1.951%
14	8.687	964	969	977	rVB	47401	82578	0.93%	0.089%
15	9.022	1019	1026	1033	rBV	858847	1447891	16.22%	1.554%
16	9.740	1140	1148	1162	rBV	679616	1186366	13.29%	1.273%
17	10.281	1232	1240	1252	rBV	1240811	2125340	23.81%	2.281%
18	10.452	1263	1269	1277	rBV3	18820	45448	0.51%	0.049%
19	10.658	1294	1304	1310	rBV	1114994	1947297	21.82%	2.090%
20	10.710	1310	1313	1320	rVB	115425	179859	2.02%	0.193%
21	10.805	1320	1329	1354	rBV	416859	895294	10.03%	0.961%
22	12.075	1537	1545	1552	rBV	51607	82021	0.92%	0.088%
23	12.252	1565	1575	1580	rBV	20708	38422	0.43%	0.041%
24	12.322	1580	1587	1596	rVB	116714	194093	2.17%	0.208%
25	12.540	1618	1624	1632	rBV	101314	160505	1.80%	0.172%
26	13.322	1748	1757	1764	rBV2	38425	89891	1.01%	0.096%
27	13.675	1808	1817	1825	rBV3	30572	79832	0.89%	0.086%
28	13.822	1835	1842	1847	rBV	69310	121392	1.36%	0.130%
29	13.875	1847	1851	1852	rVV	49012	58974	0.66%	0.063%
30	13.916	1852	1858	1865	rVV	2064720	2963912	33.21%	3.181%
31	13.975	1865	1868	1872	rVB2	22168	32824	0.37%	0.035%
32	14.057	1878	1882	1885	rBV	39363	55494	0.62%	0.060%
33	14.193	1898	1905	1921	rBV	2767598	4391624	49.20%	4.713%
34	14.393	1935	1939	1945	rVB	27139	35683	0.40%	0.038%
35	14.498	1947	1957	1964	rBV	1707903	2610098	29.24%	2.801%
36	14.563	1964	1968	1976	rVB	54400	98615	1.10%	0.106%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

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-BP101122.M
Title : SVOA CALIBRATION

37	14.704	1986	1992	2015	rBV	927059	1591295	17.83%	1.708%
38	14.869	2015	2020	2021	rVV3	27374	41134	0.46%	0.044%
39	14.898	2021	2025	2034	rVV	114904	220701	2.47%	0.237%
40	14.975	2034	2038	2042	rVB	22242	30552	0.34%	0.033%
41	15.116	2058	2062	2067	rBV2	19032	31009	0.35%	0.033%
42	15.169	2067	2071	2075	rVB	20433	27293	0.31%	0.029%
43	15.287	2085	2091	2095	rBV4	27093	51051	0.57%	0.055%
44	15.346	2099	2101	2111	rVB2	30457	39893	0.45%	0.043%
45	15.498	2120	2127	2132	rBV	3786689	5424242	60.77%	5.821%
46	15.545	2132	2135	2141	rVB3	79529	119936	1.34%	0.129%
47	15.622	2142	2148	2155	rBV	940363	1270212	14.23%	1.363%
48	15.751	2160	2170	2180	rVV9	30559	116765	1.31%	0.125%
49	15.845	2182	2186	2192	rVB	54252	86215	0.97%	0.093%
50	15.993	2203	2211	2219	rVV	57761	125582	1.41%	0.135%
51	16.081	2221	2226	2233	rVB2	20669	42459	0.48%	0.046%
52	16.234	2244	2252	2257	rBV2	80567	164266	1.84%	0.176%
53	16.563	2298	2308	2312	rBV9	21406	64829	0.73%	0.070%
54	16.792	2343	2347	2350	rVV3	35858	61643	0.69%	0.066%
55	16.916	2362	2368	2375	rVV	173224	263470	2.95%	0.283%
56	17.010	2376	2384	2388	rVV5	50945	114232	1.28%	0.123%
57	17.075	2391	2395	2405	rVV	74945	134844	1.51%	0.145%
58	17.157	2405	2409	2414	rVB6	18756	27055	0.30%	0.029%
59	17.257	2420	2426	2430	rBV	2273843	3236405	36.26%	3.473%
60	17.298	2430	2433	2438	rVV	1731566	2434792	27.28%	2.613%
61	17.357	2438	2443	2456	rVB2	4224328	6395491	71.65%	6.863%
62	17.669	2488	2496	2505	rBV2	175935	313339	3.51%	0.336%
63	17.751	2507	2510	2513	rVV	38436	50909	0.57%	0.055%
64	17.781	2513	2515	2521	rVB3	33291	47695	0.53%	0.051%
65	17.839	2522	2525	2533	rVB6	27025	44097	0.49%	0.047%
66	18.034	2555	2558	2564	rVB5	23409	46481	0.52%	0.050%
67	18.087	2564	2567	2570	rBV3	37396	55034	0.62%	0.059%
68	18.139	2570	2576	2579	rVV2	264233	526611	5.90%	0.565%
69	18.169	2579	2581	2587	rVB	242685	335811	3.76%	0.360%
70	18.251	2592	2595	2600	rVB	38063	48785	0.55%	0.052%
71	18.316	2600	2606	2609	rBV2	187726	336922	3.77%	0.362%
72	18.351	2609	2612	2617	rVB	128015	164967	1.85%	0.177%
73	18.428	2621	2625	2629	rBV3	69356	100416	1.12%	0.108%
74	18.469	2629	2632	2635	rVB3	24349	31249	0.35%	0.034%
75	18.610	2652	2656	2659	rBV	141451	170141	1.91%	0.183%
76	18.651	2659	2663	2669	rVB	232645	307184	3.44%	0.330%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

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-BP101122.M
Title : SVOA CALIBRATION

77	18.851	2694	2697	2700	rBV4	27630	32092	0.36%	0.034%
78	18.898	2702	2705	2707	rBV	27537	30291	0.34%	0.033%
79	19.028	2720	2727	2731	rBV3	173353	348677	3.91%	0.374%
80	19.151	2744	2748	2757	rBV3	192993	397617	4.45%	0.427%
81	19.269	2760	2768	2775	rVB	3315838	4446946	49.82%	4.772%
82	19.375	2782	2786	2790	rBV2	169691	230213	2.58%	0.247%
83	19.598	2818	2824	2827	rBV	5772904	8925897	100.00%	9.579%
84	19.622	2827	2828	2836	rVV	2853407	2740818	30.71%	2.941%
85	19.692	2836	2840	2846	rVB2	118738	177480	1.99%	0.190%
86	19.798	2854	2858	2863	rBV	113737	141496	1.59%	0.152%
87	19.857	2865	2868	2875	rVB	84433	133321	1.49%	0.143%
88	19.933	2877	2881	2888	rBV4	121520	298810	3.35%	0.321%
89	20.075	2901	2905	2906	rBV3	80922	118500	1.33%	0.127%
90	20.257	2934	2936	2940	rVB	173388	190489	2.13%	0.204%
91	20.398	2957	2960	2963	rBV	86194	105938	1.19%	0.114%
92	20.839	3031	3035	3041	rBV	294863	399410	4.47%	0.429%
93	21.051	3066	3071	3073	rBV2	396288	609293	6.83%	0.654%
94	21.128	3081	3084	3094	rVB	279344	382565	4.29%	0.411%
95	21.345	3115	3121	3125	rBV2	3435527	5735064	64.25%	6.155%
96	21.386	3125	3128	3138	rVB	1302975	1702877	19.08%	1.827%
97	23.027	3402	3407	3412	rBV	1056038	2489188	27.89%	2.671%
98	23.557	3493	3497	3500	rBV	595178	922167	10.33%	0.990%
99	23.616	3500	3507	3512	rBV2	3611067	6979155	78.19%	7.490%
100	23.769	3527	3533	3539	rBV2	1947459	3632277	40.69%	3.898%

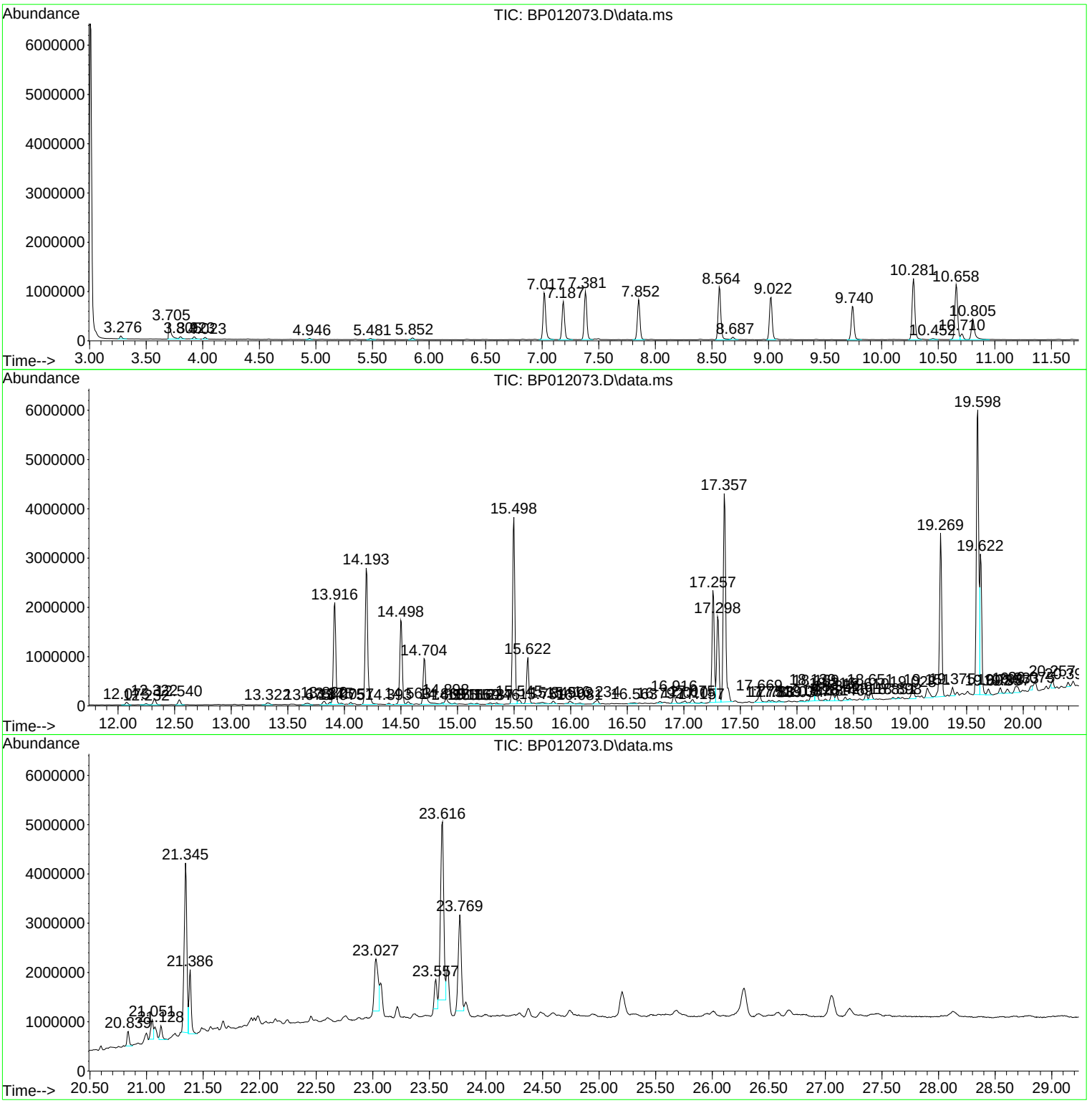
Sum of corrected areas: 93183972

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

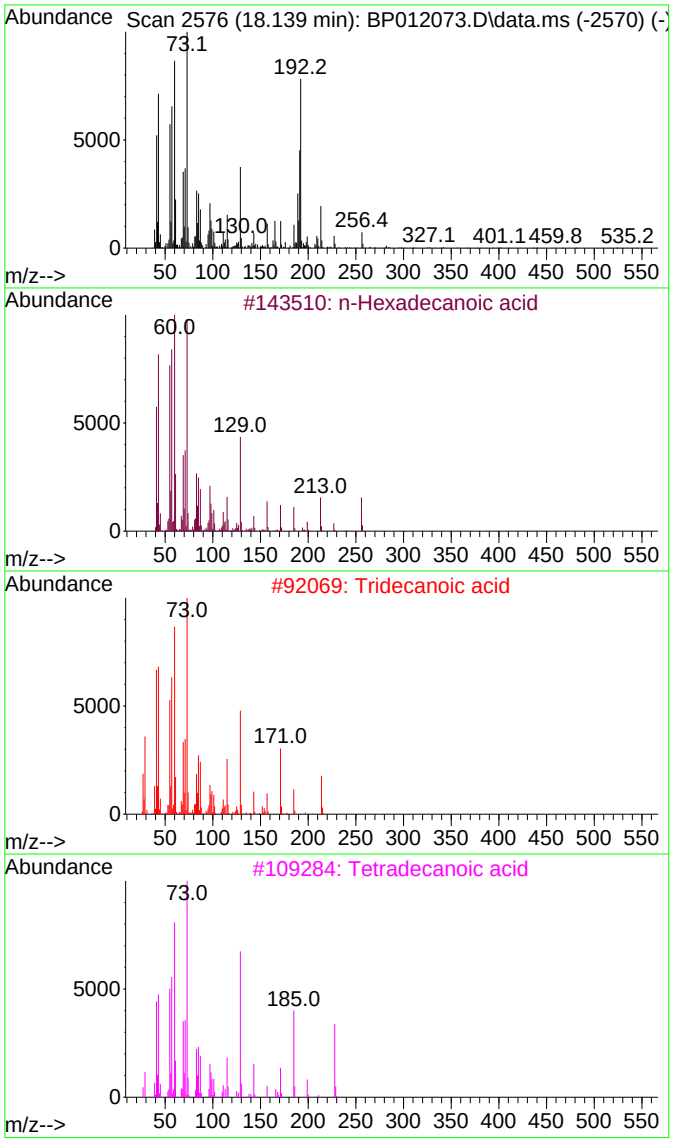
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

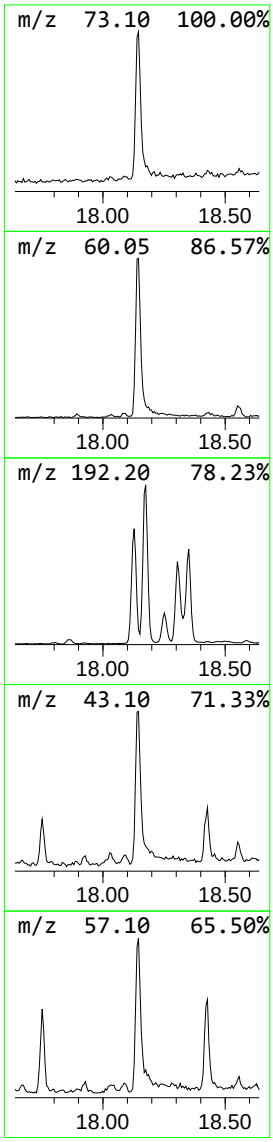
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	3.25 ng/ul	526611	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	84





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

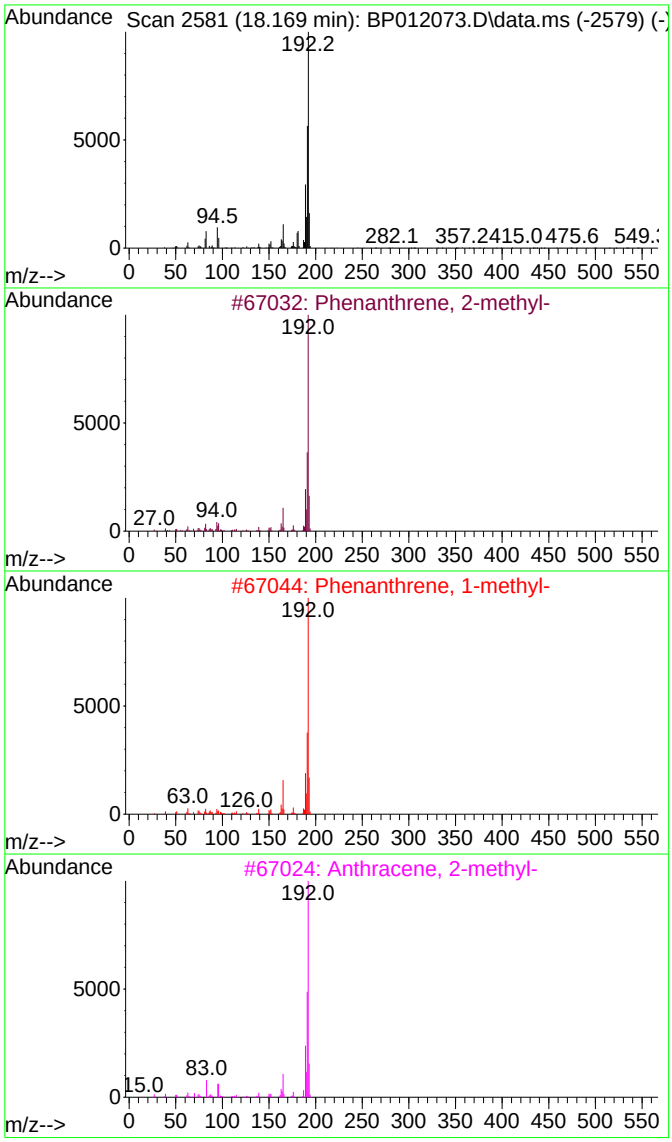
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

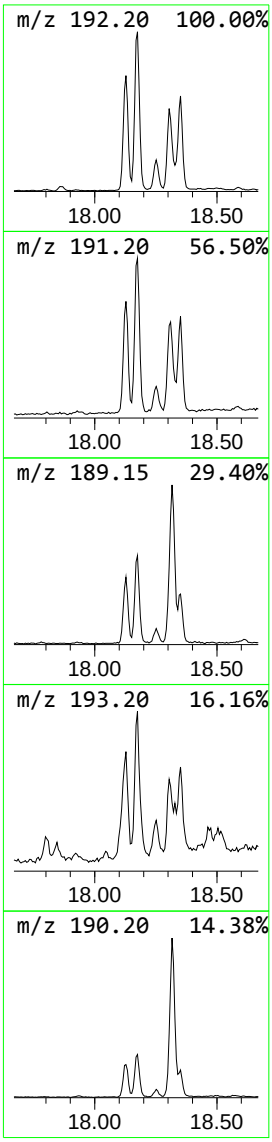
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	2.08 ng/ul	335811	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

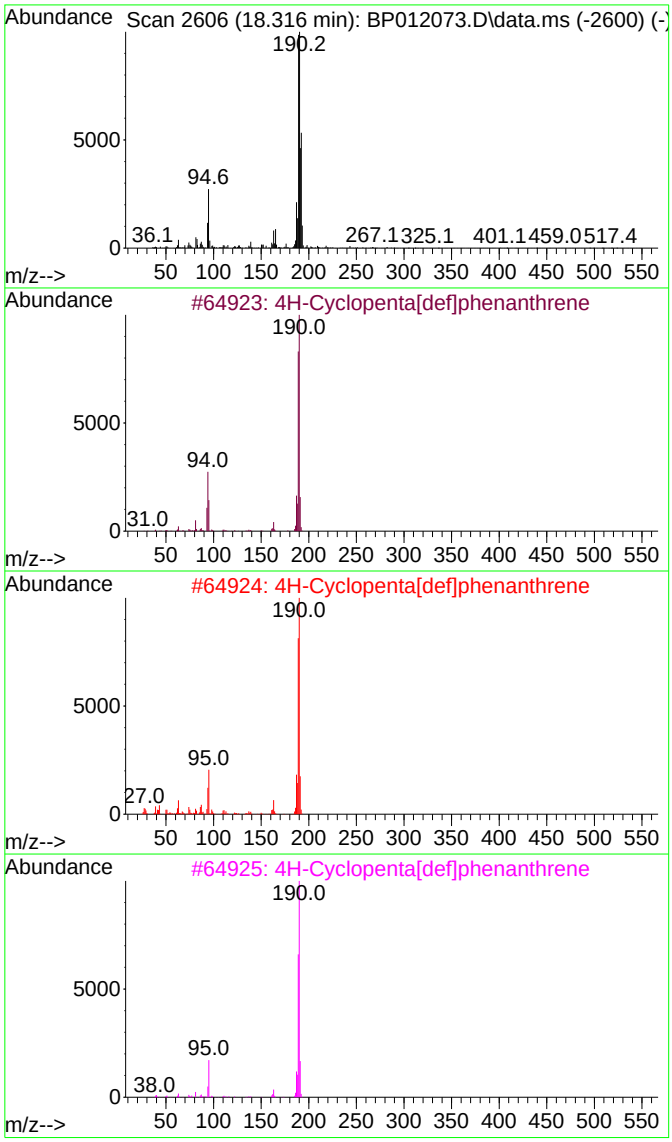
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

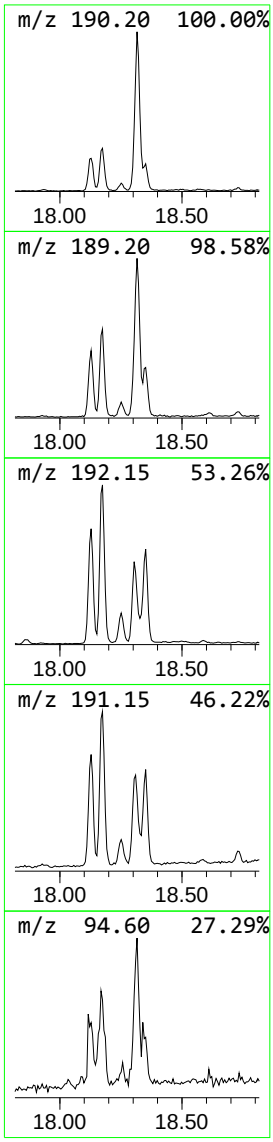
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	2.08 ng/ul	336922	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

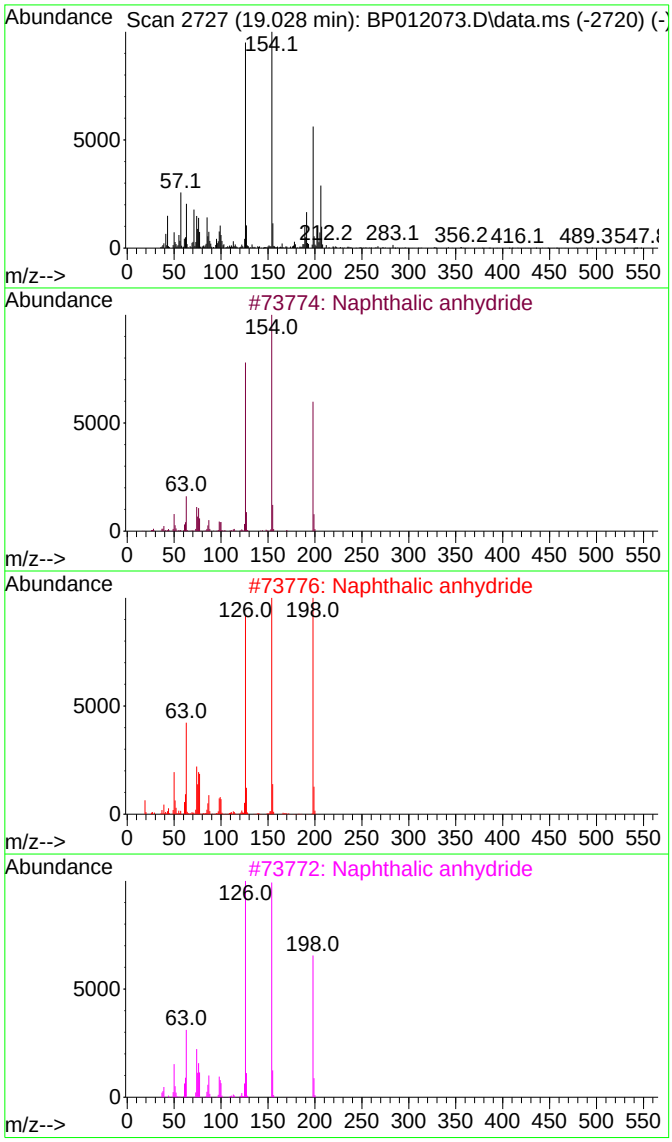
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

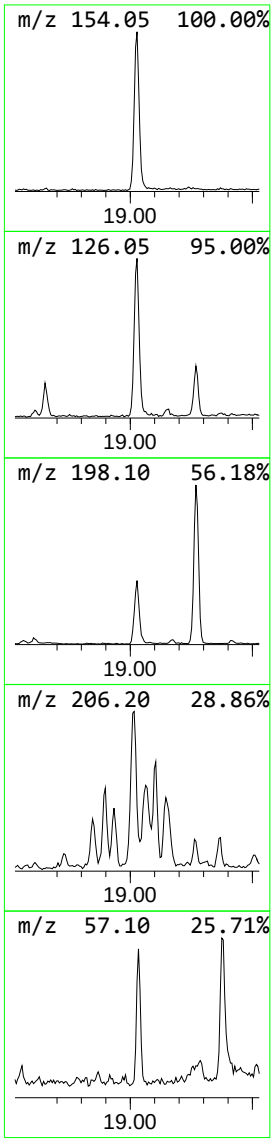
****

Peak Number 4 Naphthalic anhydride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	2.15 ng/ul	348677	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	97
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

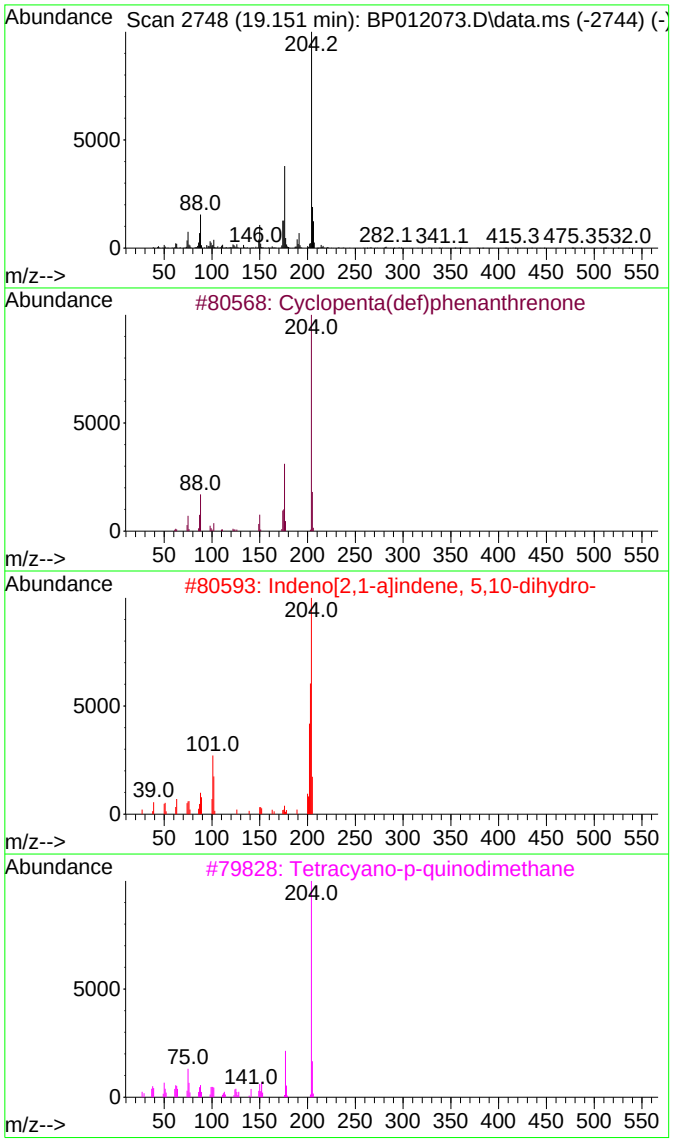
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

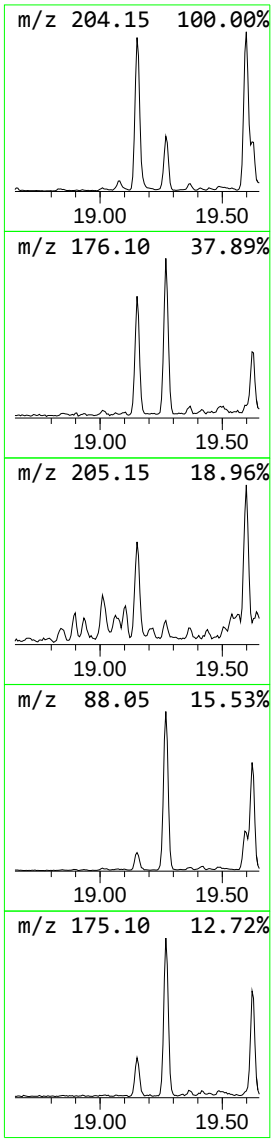
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	2.46 ng/ul	397617	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49





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Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

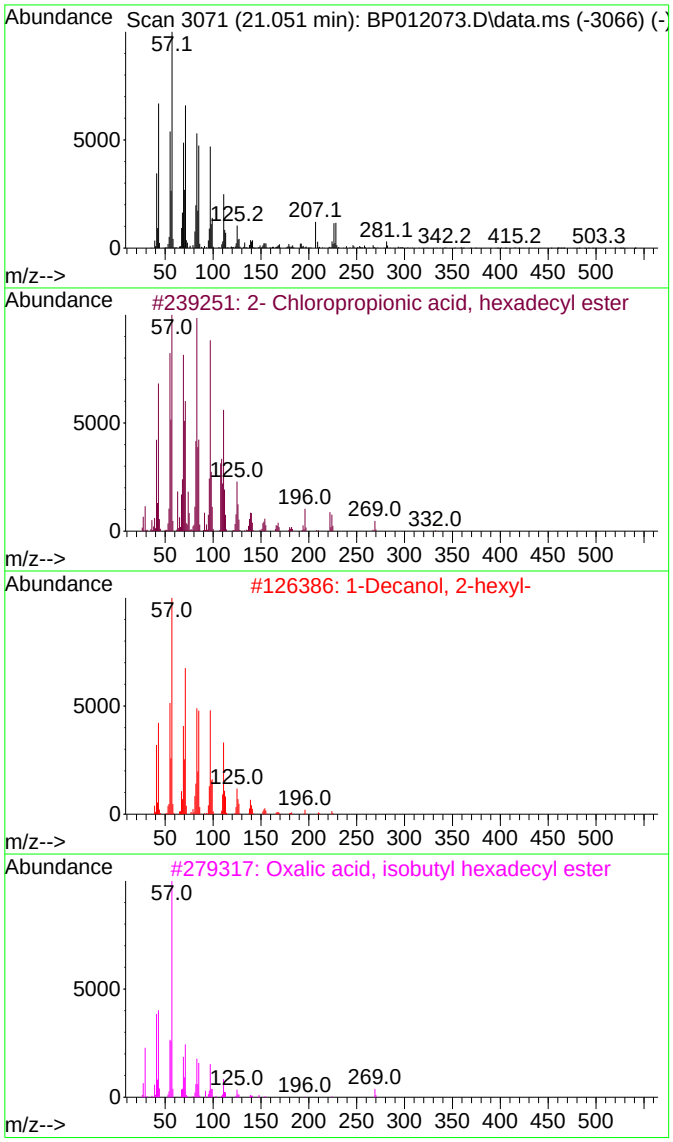
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

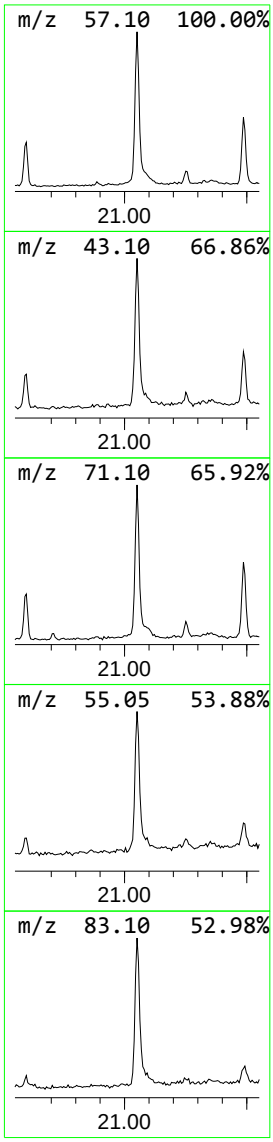
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2- Chloropropionic acid, he... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.12 ng/ul	609293	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
4	Cyclohexadecane	224	C16H32	000295-65-8	80
5	1-Hexacosanol	382	C26H54O	000506-52-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

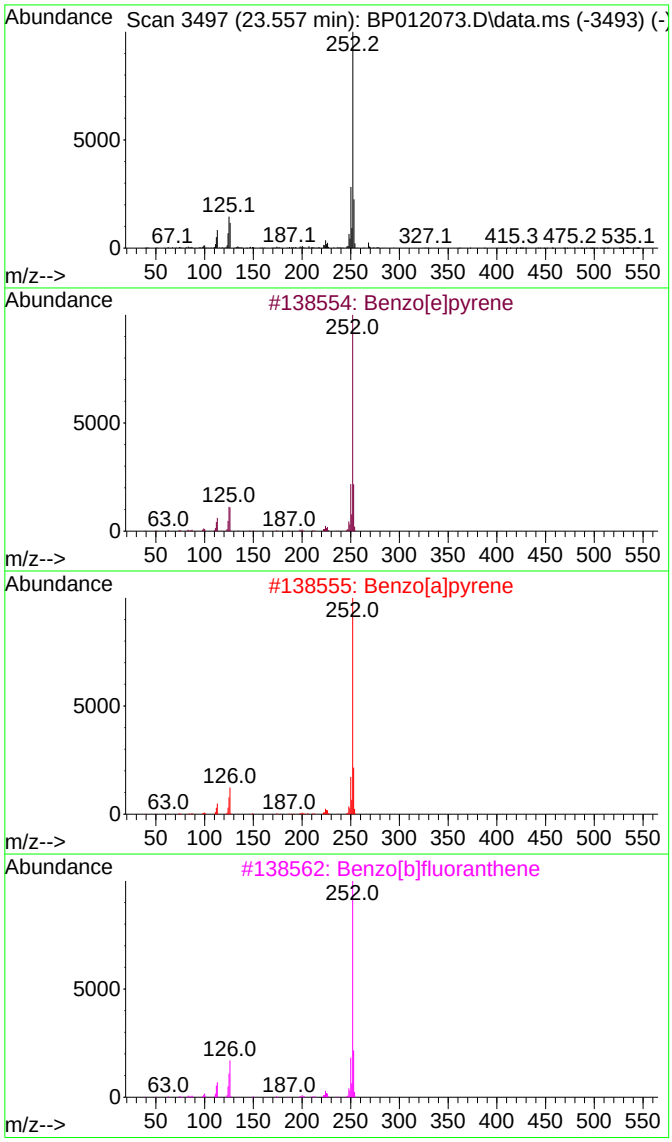
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

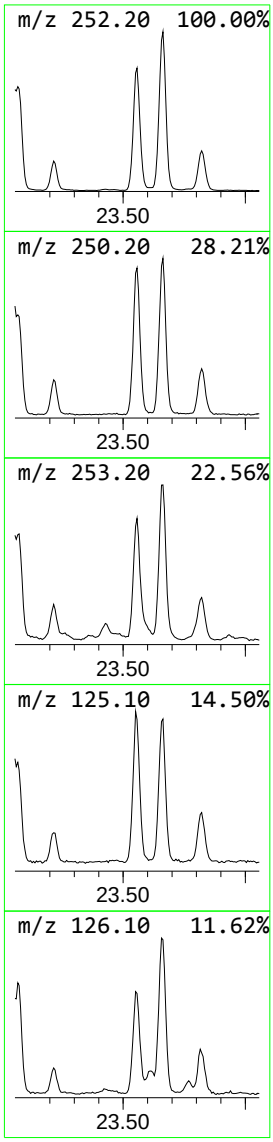
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.557	5.08 ng/ul	922167	Perylene-d12	23.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012073.D
Acq On : 12 Oct 2022 10:33
Operator : CG/JU
Sample : N5024-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.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
n-Hexadecanoic ...	18.140	3.3	ng/ul	526611	4	17.257	3236410	20.0
Phenanthrene, 2...	18.169	2.1	ng/ul	335811	4	17.257	3236410	20.0
4H-Cyclopenta[d...	18.316	2.1	ng/ul	336922	4	17.257	3236410	20.0
Naphthalic anhy...	19.028	2.1	ng/ul	348677	4	17.257	3236410	20.0
Cyclopenta(def)...	19.151	2.5	ng/ul	397617	4	17.257	3236410	20.0
2- Chloropropio...	21.051	2.1	ng/ul	609293	5	21.345	5735060	20.0
Benzo[e]pyrene	23.557	5.1	ng/ul	922167	6	23.769	3632280	20.0