LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW467

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-BP042122.M
Title : SVOA CALIBRATION

Signal : TIC: BP010169.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.358	43	46	57	rVB3	20265	33029	0.81%	0.073%
2	3.787	116	119	131	rVV	71726	113753	2.78%	0.251%
3	3.881	131	135	142	rVB	37098	51222	1.25%	0.113%
4	4.105	170	173	179	rVB3	12412	15243	0.37%	0.034%
5	4.658	263	267	272	rVB5	11153	14149	0.35%	0.031%
6	5.028	326	330	335	rVB	8976	13769	0.34%	0.030%
7	7.087	671	680	692	rBV	261528	442500	10.80%	0.975%
8	7.252	701	708	718	rBV	211271	351385	8.58%	0.774%
9	7.457	736	743	752	rBV	273955	443437	10.83%	0.977%
10	7.922	815	822	832	rBV	576110	932758	22.77%	2.054%
11	8.634	935	943	956	rBV	282824	496314	12.12%	1.093%
12	8.746	957	962	970	rVB	21362	39912	0.97%	0.088%
13	9.081	1011	1019	1030	rBV	259097	456899	11.16%	1.006%
14	9.528	1091	1095	1101	rVB4	9287	14415	0.35%	0.032%
15	9.804	1135	1142	1151	rBV	205077	363936	8.89%	0.802%
16	10.351	1228	1235	1250	rBV	316672	582931	14.23%	1.284%
17	10.728	1288	1299	1313	rBV	788609	1348583	32.93%	2.970%
18	10.863	1315	1322	1334	rBV	222637	439203	10.72%	0.967%
19	11.540	1432	1437	1443	rBV10	4839	12039	0.29%	0.027%
20	12.610	1611	1619	1622	rBV7	7073	13451	0.33%	0.030%
21	13.392	1745	1752	1756	rBV3	15006	25048	0.61%	0.055%
22	13.881	1830	1835	1839	rBV3	13051	22585	0.55%	0.050%
23	13.963	1841	1849	1862	rVV	633313	916892	22.39%	2.019%
24	14.251	1891	1898	1908	rBV	621404	1060834	25.90%	2.336%
25	14.463	1930	1934	1939	rVB3	10332	17095	0.42%	0.038%
26	14.557	1942	1950	1956	rBV	1056894	1590460	38.83%	3.503%
27	14.622	1956	1961	1969	rVB	67932	116195	2.84%	0.256%
28	14.763	1979	1985	1997	rBV2	100772	251901	6.15%	0.555%
29	14.957	2013	2018	2024	rVV	48603	82193	2.01%	0.181%
30	15.034	2028	2031	2036	rVB4	10675	15554	0.38%	0.034%
31	15.186	2050	2057	2061	rVV9	6937	15480	0.38%	0.034%
32	15.234	2061	2065	2074	rVB9	6911	16440	0.40%	0.036%
33	15.375	2079	2089	2093	rVV2	24813	56316	1.37%	0.124%
34	15.416	2093	2096	2100	rVB6	12183	15904	0.39%	0.035%
35	15.551	2110	2119	2125	rBV	867248	1344867	32.84%	2.962%
36	15.604	2125	2128	2134	rVB	92447	126539	3.09%	0.279%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW467

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-BP042122.M
Title : SVOA CALIBRATION

37	15.669	2134	2139	2147	rVB	133135	204105	4.98%	0.450%
38	15.822	2163	2165	2168	rVV4	13325	17866	0.44%	0.039%
39	15.857	2168	2171	2174	rVV4	10455	15315	0.37%	0.034%
40	15.904	2174	2179	2188	rVB	31606	57947	1.41%	0.128%
41	16.045	2199	2203	2211	rVB	27783	61943	1.51%	0.136%
42	16.275	2238	2242	2249	rVV6	21064	37673	0.92%	0.083%
43	16.339	2249	2253	2257	rVB7	8467	13853	0.34%	0.031%
44	16.610	2290	2299	2304	rBV4	24010	55319	1.35%	0.122%
45	16.669	2305	2309	2312	rVB6	10293	15912	0.39%	0.035%
46	16.845	2336	2339	2342	rBV4	13390	18202	0.44%	0.040%
47	16.881	2342	2345	2349	rVB5	12915	17898	0.44%	0.039%
48	16.963	2355	2359	2367	rVB3	21425	37988	0.93%	0.084%
49	17.039	2367	2372	2374	rBV2	16744	25419	0.62%	0.056%
50	17.128	2383	2387	2395	rVB	74392	111538	2.72%	0.246%
51	17.310	2411	2418	2421	rBV	1112032	1660255	40.54%	3.657%
52	17.351	2421	2425	2430	rVV	1677889	2444645	59.69%	5.384%
53	17.410	2430	2435	2438	rVV	916817	1394039	34.04%	3.070%
54	17.439	2438	2440	2447	rVB	381816	516591	12.61%	1.138%
55	17.716	2482	2487	2492	rBV	28757	41781	1.02%	0.092%
56	17.828	2500	2506	2510	rBV4	32243	51558	1.26%	0.114%
57	17.886	2513	2516	2519	rVV	18578	23419	0.57%	0.052%
58	17.928	2519	2523	2527	rVV2	17038	25913	0.63%	0.057%
59	17.980	2528	2532	2536	rVB2	33422	41862	1.02%	0.092%
60	18.175	2560	2565	2569	rBV	130443	187189	4.57%	0.412%
61	18.222	2569	2573	2577	rVV	180750	256353	6.26%	0.565%
62	18.263	2577	2580	2583	rVV	38152	49077	1.20%	0.108%
63	18.298	2583	2586	2592	rVV	59174	89521	2.19%	0.197%
64	18.363	2592	2597	2601	rVV3	256966	432991	10.57%	0.954%
65	18.398	2601	2603	2611	rVB	90316	109319	2.67%	0.241%
66	18.657	2643	2647	2651	rBV	122297	164451	4.02%	0.362%
67	18.698	2651	2654	2660	rVB2	45122	63990	1.56%	0.141%
68	18.892	2684	2687	2691	rBV2	23918	27729	0.68%	0.061%
69	18.945	2693	2696	2699	rBV2	20557	24322	0.59%	0.054%
70	19.063	2711	2716	2719	rBV2	49176	85609	2.09%	0.189%
71	19.192	2735	2738	2748	rBV2	66410	129533	3.16%	0.285%
72	19.316	2753	2759	2766	rBV	3182776	4095803	100.00%	9.021%
73	19.410	2772	2775	2779	rVB2	35058	47551	1.16%	0.105%
74	19.463	2780	2784	2787	rBV2	22885	33862	0.83%	0.075%
75	19.551	2796	2799	2808	rVB	70029	110961	2.71%	0.244%
76	19.639	2808	2814	2816	rBV2	1578583	2279992	55.67%	5.022%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW467

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-BP042122.M
Title : SVOA CALIBRATION

77	19.669	2816	2819	2826	rVV	2313222	3049951	74.47%	6.717%
78	19.733	2827	2830	2837	rVB	73562	117081	2.86%	0.258%
79	19.839	2844	2848	2854	rBV	123296	168718	4.12%	0.372%
80	19.898	2855	2858	2865	rVB	46551	62391	1.52%	0.137%
81	19.986	2867	2873	2878	rBV3	102343	253527	6.19%	0.558%
82	20.145	2891	2900	2906	rBV	226573	442692	10.81%	0.975%
83	20.245	2913	2917	2921	rBV2	131924	179970	4.39%	0.396%
84	20.304	2922	2927	2931	rVV2	139705	234734	5.73%	0.517%
85	20.339	2931	2933	2937	rVB	59898	69375	1.69%	0.153%
86	20.439	2947	2950	2954	rBV	61541	78520	1.92%	0.173%
87	20.486	2954	2958	2961	rBV2	80357	106566	2.60%	0.235%
88	20.880	3021	3025	3032	rBV	144680	196853	4.81%	0.434%
89	21.045	3049	3053	3056	rBV	146692	178564	4.36%	0.393%
90	21.092	3056	3061	3063	rBV2	215513	381363	9.31%	0.840%
91	21.169	3071	3074	3082	rVB2	167716	236400	5.77%	0.521%
92	21.380	3104	3110	3115	rBV2	1790790	3704835	90.45%	8.160%
93	21.427	3115	3118	3129	rVB	1148366	1656534	40.44%	3.648%
94	21.557	3136	3140	3144	rBV2	152323	209095	5.11%	0.461%
95	21.716	3165	3167	3173	rVB3	120737	191460	4.67%	0.422%
96	23.092	3395	3401	3407	rBV	845671	2082773	50.85%	4.587%
97	23.621	3486	3491	3496	rBV	389600	763714	18.65%	1.682%
98	23.680	3496	3501	3505	rVV	642982	1239604	30.27%	2.730%
99	23.727	3505	3509	3518	rVB	688047	1322168	32.28%	2.912%
100	23.839	3521	3528	3533	rBV2	739832	1545176	37.73%	3.403%

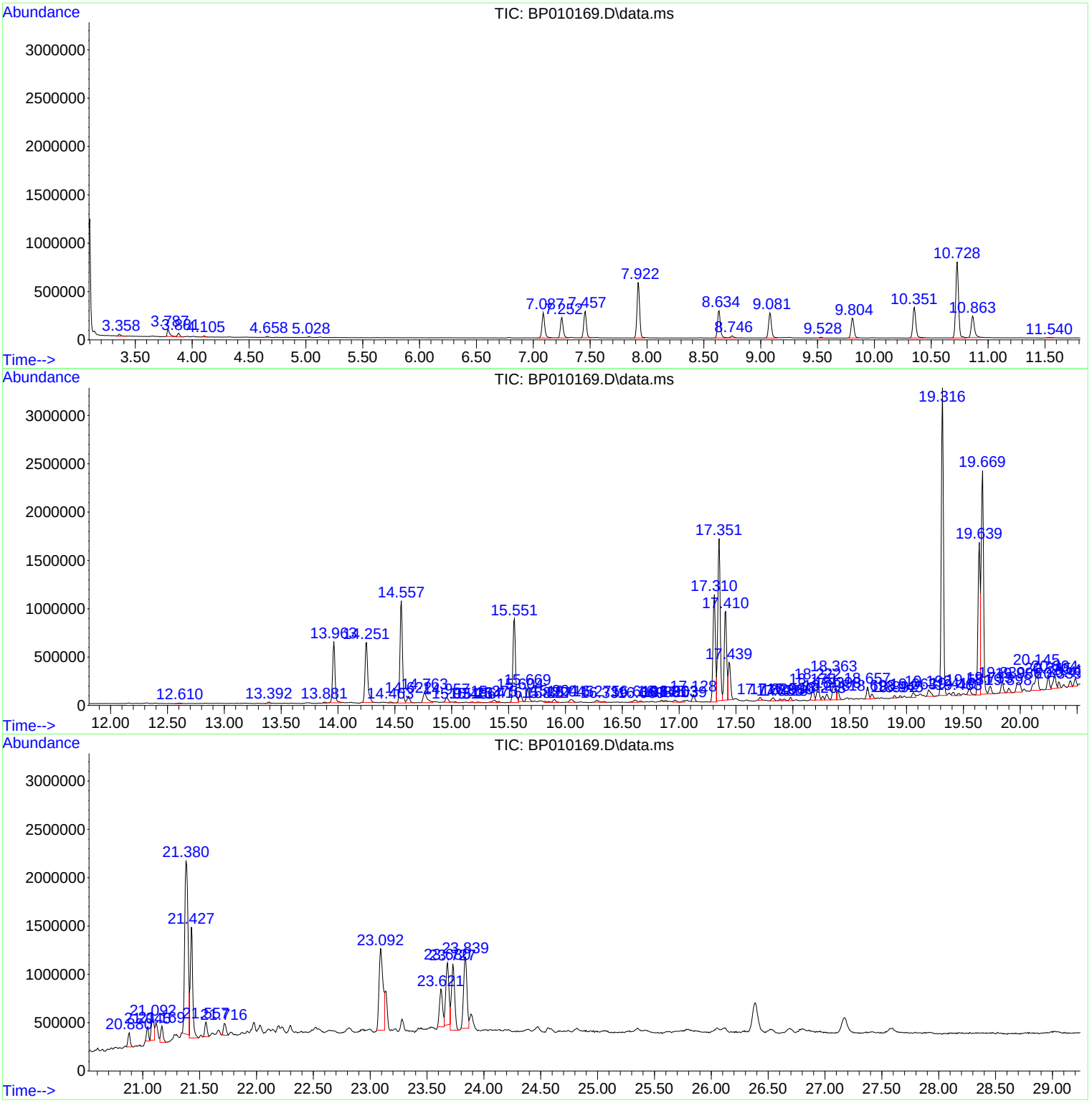
Sum of corrected areas: 45404589

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW467

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW467

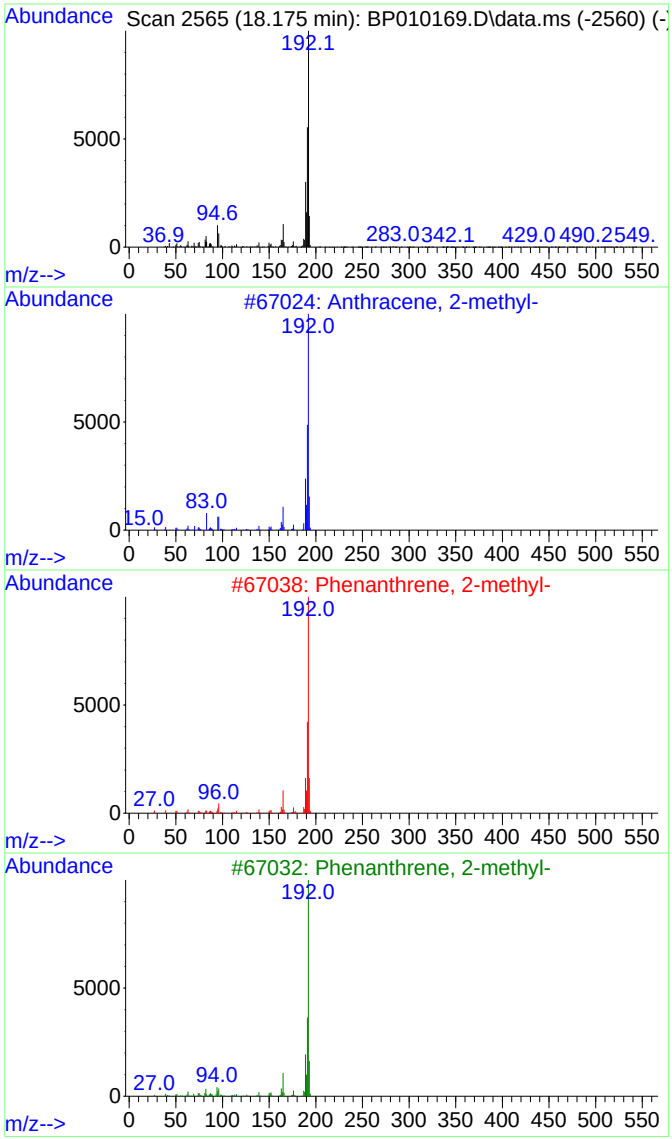
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

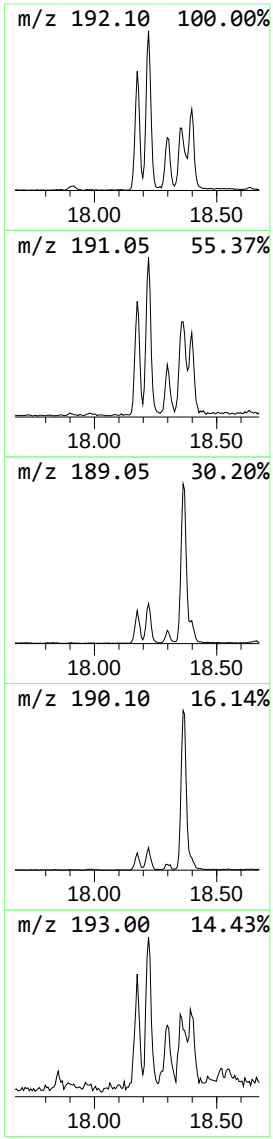
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	2.25 ng/ul	187189	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW467

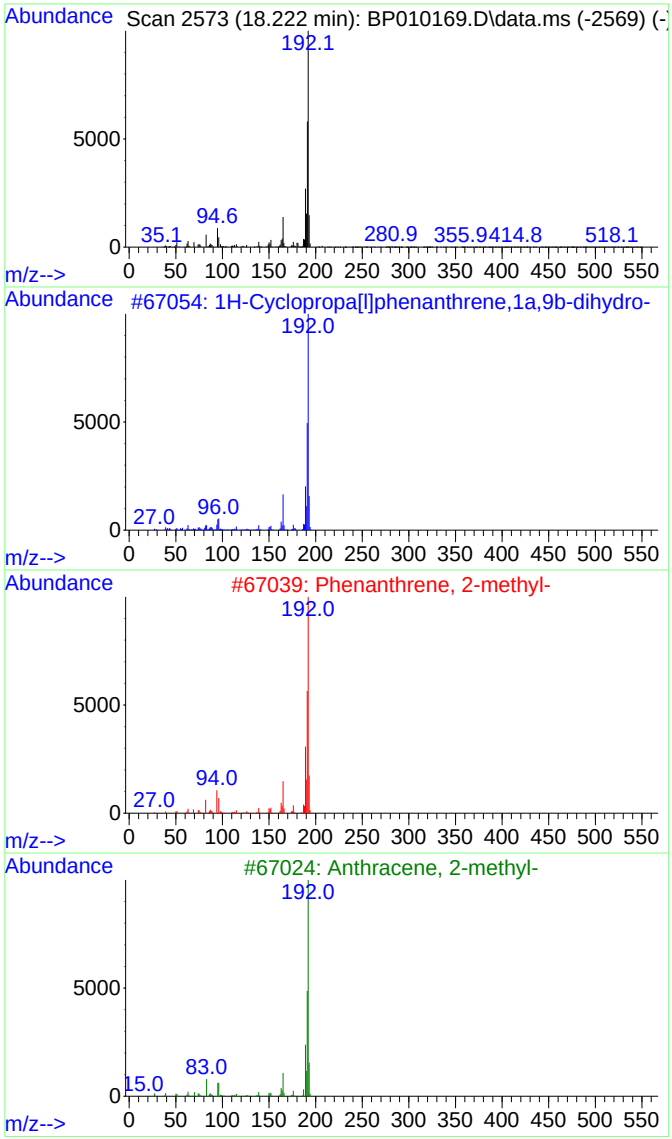
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

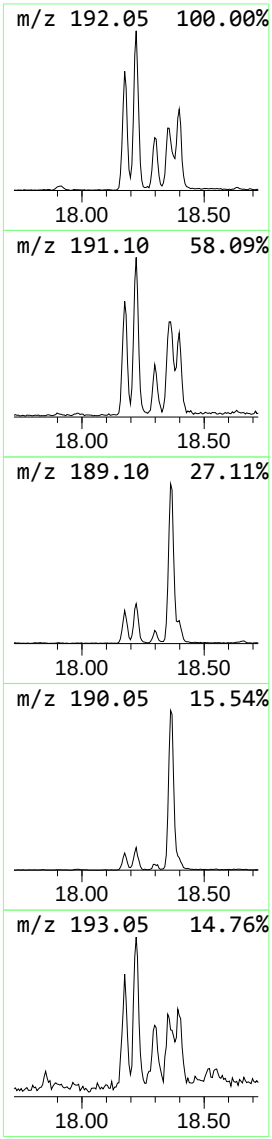
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	3.09 ng/ul	256353	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW467

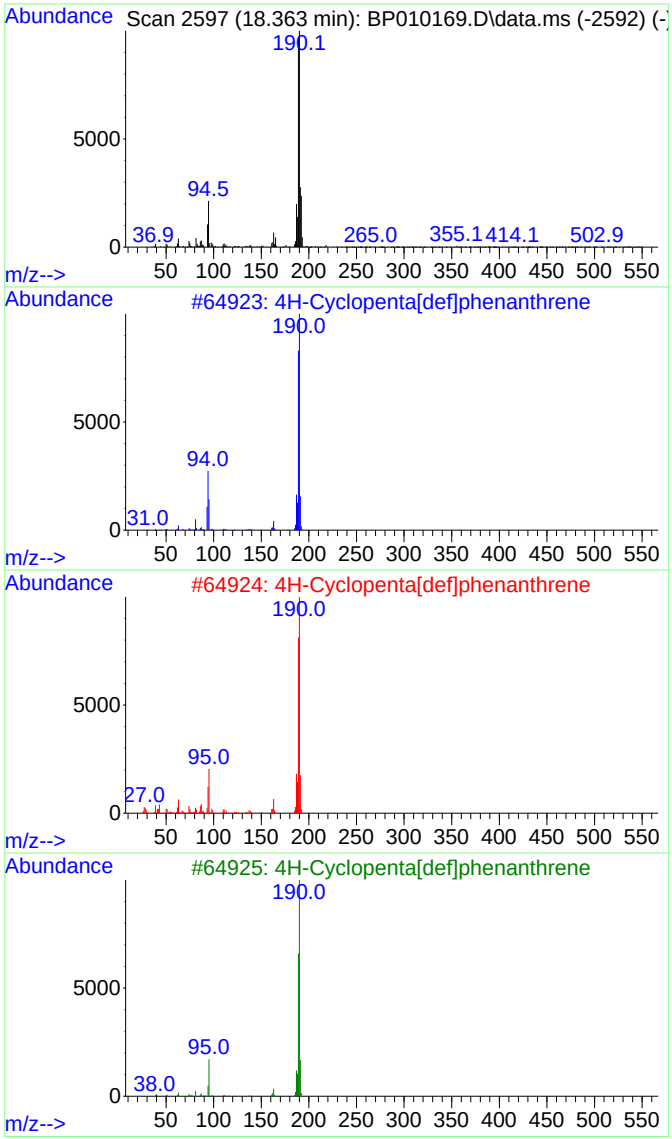
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

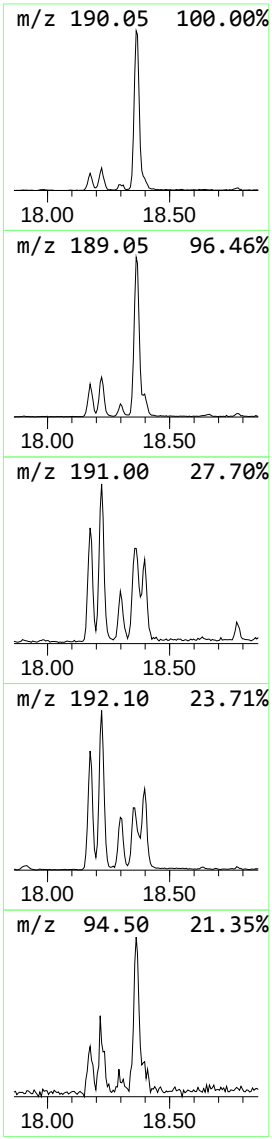
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	5.22 ng/ul	432991	Phenanthrene-d10	17.310

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	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW467

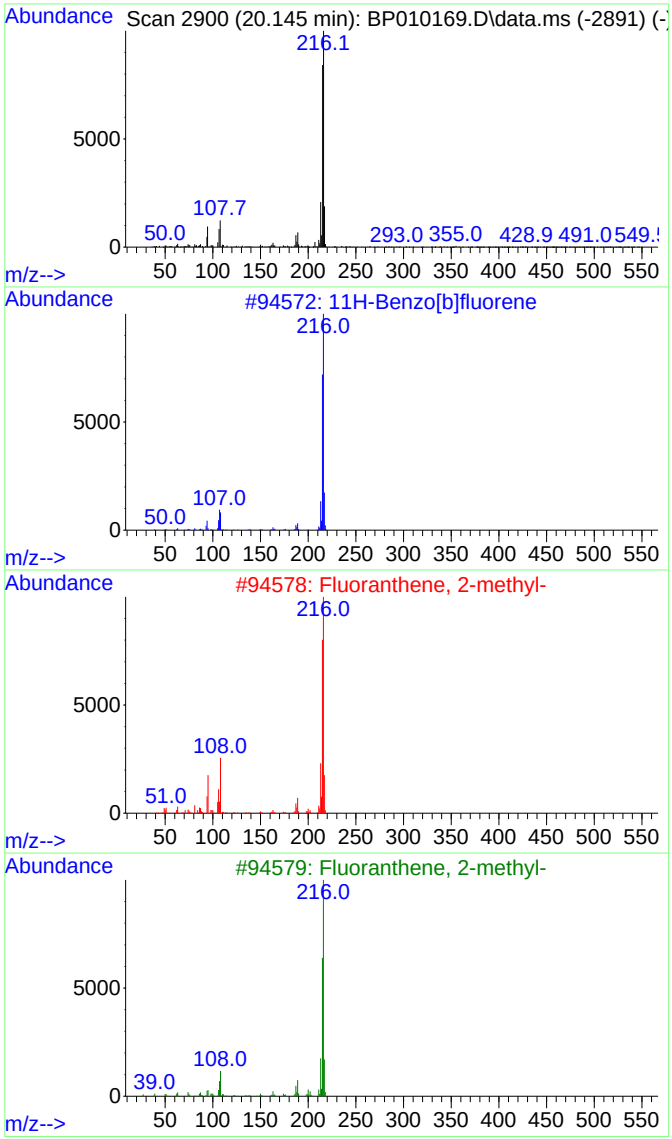
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

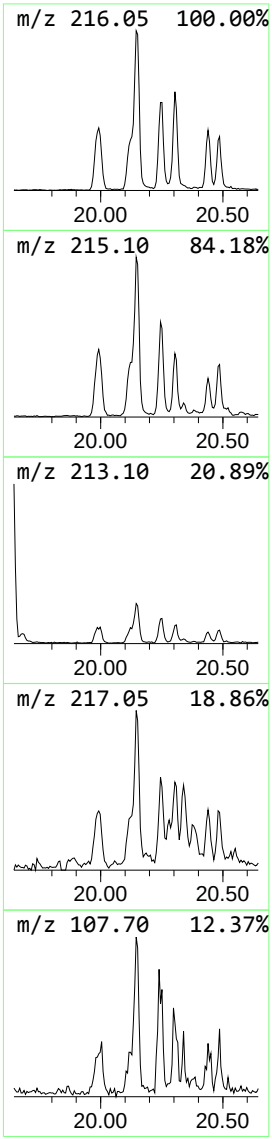
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.39 ng/ul	442692	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW467

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

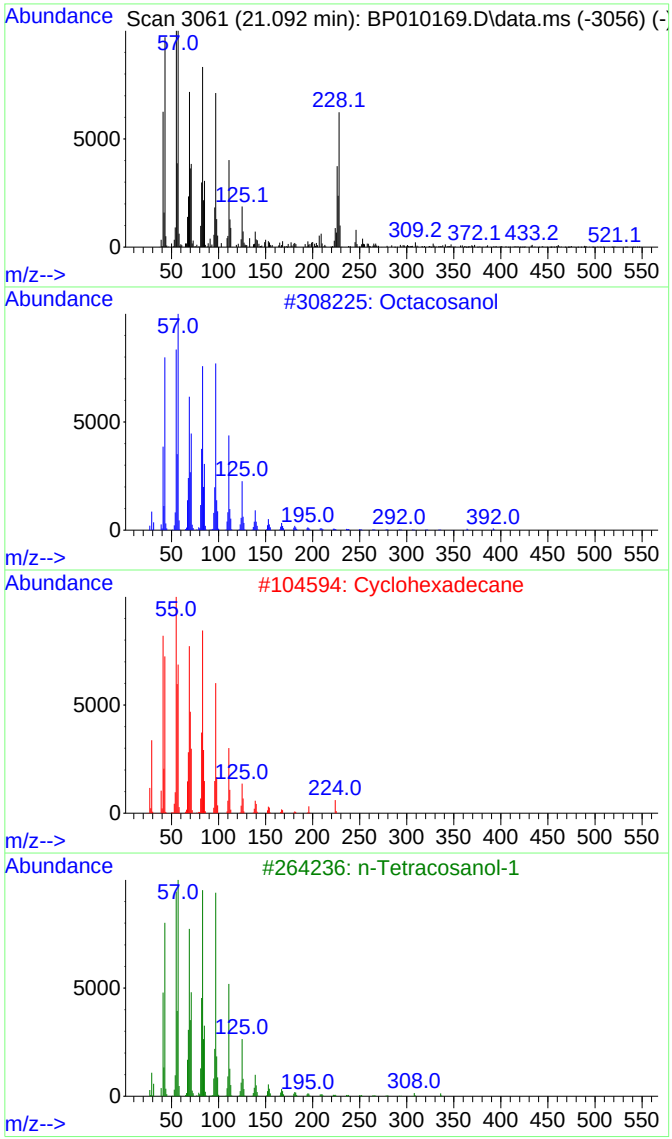
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

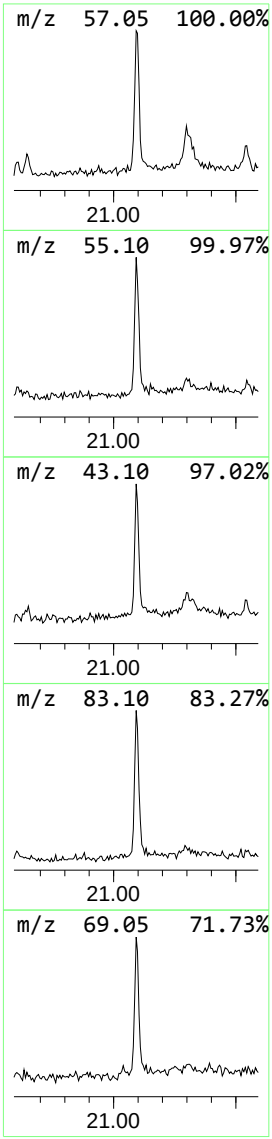
****

Peak Number 5 Octacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.06 ng/ul	381363	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	89
2	Cyclohexadecane	224	C16H32	000295-65-8	78
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
4	1-Heneicosanol	312	C21H44O	015594-90-8	76
5	Behenic alcohol	326	C22H46O	000661-19-8	76





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Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW467

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

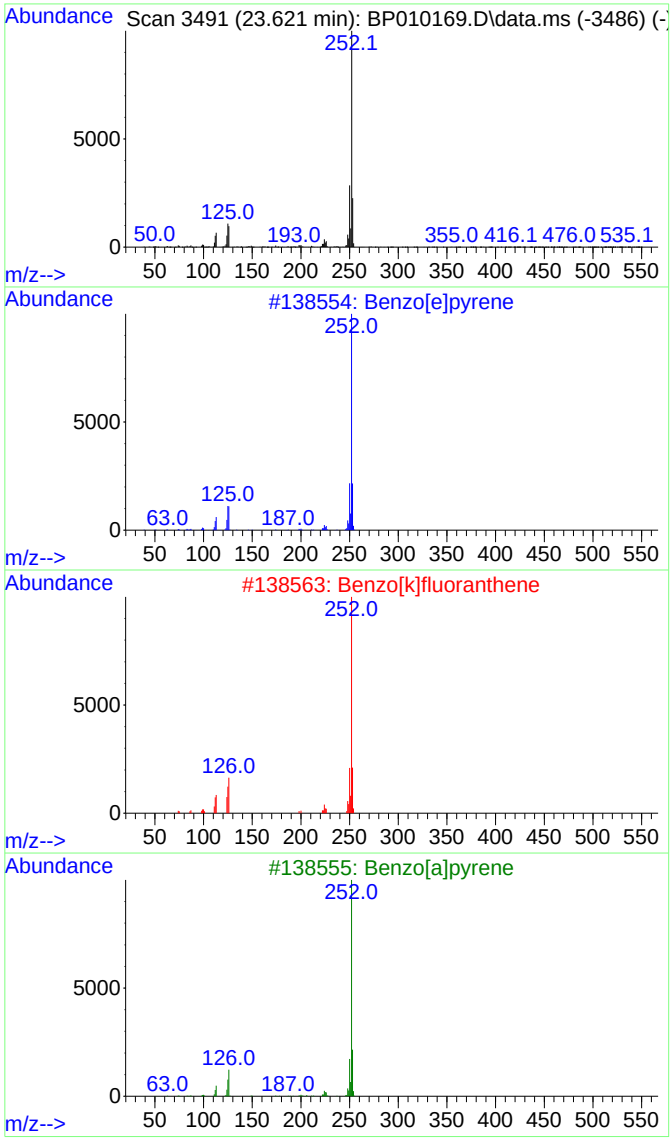
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

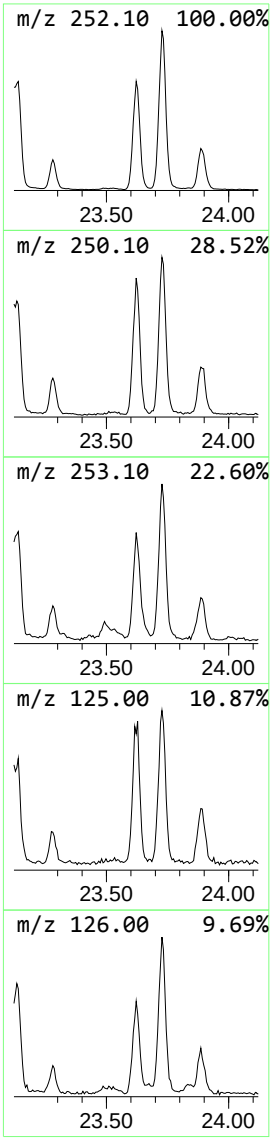
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.621	9.89 ng/ul	763714	Perylene-d12	23.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010169.D
Acq On : 02 May 2022 13:03
Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW467

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.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
Anthracene, 2-m...	18.175	2.3	ng/ul	187189	4	17.310	1660260	20.0
1H-Cyclopropa[l...	18.222	3.1	ng/ul	256353	4	17.310	1660260	20.0
4H-Cyclopenta[d...	18.363	5.2	ng/ul	432991	4	17.310	1660260	20.0
11H-Benzo[b]flu...	20.145	2.4	ng/ul	442692	5	21.392	3704840	20.0
Octacosanol	21.092	2.1	ng/ul	381363	5	21.392	3704840	20.0
Benzo[e]pyrene	23.621	9.9	ng/ul	763714	6	23.839	1545180	20.0