LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

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-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	238	243	251	rVV	1184678	1789350	3.55%	0.267%
2	7.946	802	809	825	rVV	838697	1571356	3.12%	0.234%
3	8.798	948	954	973	rVB	959195	2353729	4.67%	0.351%
4	10.763	1282	1288	1294	rBV	1244252	2381203	4.73%	0.355%
5	14.010	1836	1840	1850	rVB	1309020	2052522	4.08%	0.306%
6	14.298	1882	1889	1902	rBV	1000588	1906062	3.78%	0.284%
7	14.598	1931	1940	1945	rVV	2234839	3654259	7.26%	0.545%
8	14.663	1945	1951	1957	rVV	8091653	11960355	23.75%	1.784%
9	14.763	1964	1968	1984	rVB2	589437	1380155	2.74%	0.206%
10	14.998	2003	2008	2015	rVV	5449249	8601167	17.08%	1.283%
11	15.069	2015	2020	2037	rVV2	555730	1282835	2.55%	0.191%
12	15.592	2099	2109	2114	rVV	1999408	3139847	6.23%	0.468%
13	15.657	2114	2120	2130	rVV	13381632	21226010	42.14%	3.166%
14	15.745	2130	2135	2137	rVV	777978	1222277	2.43%	0.182%
15	15.769	2137	2139	2142	rVV	1384945	1873152	3.72%	0.279%
16	15.810	2142	2146	2149	rVV2	2352900	3552870	7.05%	0.530%
17	15.845	2149	2152	2157	rVV2	2563776	3992921	7.93%	0.596%
18	15.898	2157	2161	2165	rVV	1391269	2186456	4.34%	0.326%
19	15.945	2165	2169	2178	rVB2	2357528	3770258	7.49%	0.562%
20	16.092	2188	2194	2202	rBV	2822338	5804410	11.52%	0.866%
21	16.186	2205	2210	2215	rVB	802654	1234485	2.45%	0.184%
22	16.445	2245	2254	2261	rBV3	1991616	3239247	6.43%	0.483%
23	16.580	2270	2277	2280	rVV2	1348695	2124612	4.22%	0.317%
24	16.657	2283	2290	2295	rVV2	3226652	5767961	11.45%	0.860%
25	16.710	2295	2299	2304	rVV	1370955	2073435	4.12%	0.309%
26	16.810	2309	2316	2320	rVB2	1292634	2234431	4.44%	0.333%
27	16.880	2320	2328	2332	rBV3	1308460	3069620	6.09%	0.458%
28	16.922	2332	2335	2339	rVV2	1078159	1489274	2.96%	0.222%
29	17.086	2358	2363	2365	rBV2	1293404	2097541	4.16%	0.313%
30	17.180	2374	2379	2386	rVB	3943927	5680578	11.28%	0.847%
31	17.369	2404	2411	2413	rBV	2427814	4126887	8.19%	0.616%
32	17.427	2413	2421	2423	rBV2	21298152	50365363	100.00%	7.513%
33	17.516	2430	2436	2442	rVB	17793257	28666570	56.92%	4.276%
34	17.574	2442	2446	2453	rVB	3522555	5414098	10.75%	0.808%
35	17.763	2472	2478	2479	rBV	2635286	3613361	7.17%	0.539%
36	17.780	2479	2481	2493	rVB	3106306	5059515	10.05%	0.755%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

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-BP071223.MA.M
Title : SVOA CALIBRATION

37	17.869	2493	2496	2499	rBV	1070196	1335377	2.65%	0.199%
38	17.945	2505	2509	2518	rVB4	1069883	2638921	5.24%	0.394%
39	18.227	2551	2557	2561	rBV	8793782	11971490	23.77%	1.786%
40	18.280	2561	2566	2571	rVB	10889698	14157563	28.11%	2.112%
41	18.357	2574	2579	2584	rVB	5399246	7032124	13.96%	1.049%
42	18.427	2584	2591	2594	rBV2	11237403	20203443	40.11%	3.014%
43	18.451	2594	2595	2601	rVB	4696322	4378444	8.69%	0.653%
44	18.574	2612	2616	2620	rBV3	1004672	1327028	2.63%	0.198%
45	18.704	2633	2638	2646	rVB	6365181	8877390	17.63%	1.324%
46	18.939	2672	2678	2683	rBV	2016320	3046384	6.05%	0.454%
47	18.992	2683	2687	2690	rBV	1421627	1678304	3.33%	0.250%
48	19.027	2690	2693	2697	rVB4	1188619	1682442	3.34%	0.251%
49	19.110	2701	2707	2711	rBV	2894109	4414719	8.77%	0.659%
50	19.174	2711	2718	2721	rBV2	1571909	2843692	5.65%	0.424%
51	19.245	2726	2730	2732	rBV	1089398	1552612	3.08%	0.232%
52	19.392	2746	2755	2756	rBV	22687001	43051125	85.48%	6.422%
53	19.604	2784	2791	2794	rVV3	1071792	1862216	3.70%	0.278%
54	19.639	2794	2797	2802	rVV	748478	1234143	2.45%	0.184%
55	19.698	2802	2807	2811	rVV2	13176194	22913236	45.49%	3.418%
56	19.733	2811	2813	2820	rVV2	8766812	12899173	25.61%	1.924%
57	19.792	2820	2823	2829	rVB	3313347	4211682	8.36%	0.628%
58	19.904	2837	2842	2846	rVB	4889045	6216318	12.34%	0.927%
59	19.980	2850	2855	2859	rVB	3021310	4138238	8.22%	0.617%
60	20.051	2859	2867	2871	rVB2	3410022	7655087	15.20%	1.142%
61	20.216	2881	2895	2899	rBV	13845048	24505871	48.66%	3.656%
62	20.310	2905	2911	2915	rBV	13774679	19956794	39.62%	2.977%
63	20.345	2915	2917	2919	rVV	2994411	3451905	6.85%	0.515%
64	20.398	2923	2926	2929	rVV	2415349	2947260	5.85%	0.440%
65	20.433	2929	2932	2937	rVB	1663817	2315552	4.60%	0.345%
66	20.545	2946	2951	2958	rVB4	1279581	2972025	5.90%	0.443%
67	20.639	2963	2967	2973	rVB3	953567	2082107	4.13%	0.311%
68	20.716	2975	2980	2983	rBV	3274639	4355146	8.65%	0.650%
69	20.786	2987	2992	2994	rBV2	1787619	2350606	4.67%	0.351%
70	20.815	2994	2997	3005	rVV3	2366363	4007617	7.96%	0.598%
71	20.892	3005	3010	3016	rVV3	2468786	5073768	10.07%	0.757%
72	20.945	3016	3019	3024	rVV3	1485932	2813809	5.59%	0.420%
73	21.104	3042	3046	3049	rVV	3631635	5072946	10.07%	0.757%
74	21.133	3049	3051	3056	rVV	4576428	5962490	11.84%	0.889%
75	21.192	3056	3061	3068	rVB3	3343489	6158311	12.23%	0.919%
76	21.327	3080	3084	3091	rBV2	1501433	3238113	6.43%	0.483%

LSC Area Percent Report

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Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

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-BP071223.MA.M
Title : SVOA CALIBRATION

77	21.451	3095	3105	3110	rVV2	19099505	40515086	80.44%	6.044%
78	21.504	3110	3114	3121	rVB	15269468	23266151	46.19%	3.471%
79	21.615	3130	3133	3136	rBV2	1490027	1966191	3.90%	0.293%
80	21.692	3142	3146	3154	rVB4	1743869	3806960	7.56%	0.568%
81	21.980	3191	3195	3198	rVV	1726973	2692050	5.35%	0.402%
82	22.045	3198	3206	3211	rVV2	5445408	12748962	25.31%	1.902%
83	22.098	3212	3215	3221	rVV	2638276	4106411	8.15%	0.613%
84	22.168	3222	3227	3230	rVV2	1835121	3109188	6.17%	0.464%
85	22.221	3231	3236	3239	rVV3	2917385	4948451	9.83%	0.738%
86	22.262	3239	3243	3247	rVV4	2852614	5578804	11.08%	0.832%
87	22.304	3247	3250	3256	rVV2	2222046	3520765	6.99%	0.525%
88	22.362	3256	3260	3266	rVB2	1634736	2663571	5.29%	0.397%
89	22.598	3295	3300	3303	rBV3	829442	1610430	3.20%	0.240%
90	22.904	3347	3352	3362	rBV	1453483	3060153	6.08%	0.456%
91	23.092	3380	3384	3392	rVB	1113687	2070641	4.11%	0.309%
92	23.192	3393	3401	3405	rVV	9282547	22767000	45.20%	3.396%
93	23.233	3406	3408	3414	rVV	7140050	10033098	19.92%	1.497%
94	23.304	3415	3420	3426	rVB2	1037708	1944100	3.86%	0.290%
95	23.374	3427	3432	3438	rBV	1534440	2788784	5.54%	0.416%
96	23.733	3488	3493	3495	rBV2	894006	1608688	3.19%	0.240%
97	23.833	3505	3510	3520	rVB2	1501021	3622918	7.19%	0.540%
98	23.945	3525	3529	3534	rVB2	838492	1512409	3.00%	0.226%
99	24.239	3574	3579	3583	rBV2	1209167	2545263	5.05%	0.380%
100	26.568	3965	3975	3985	rVB3	2191887	7327615	14.55%	1.093%

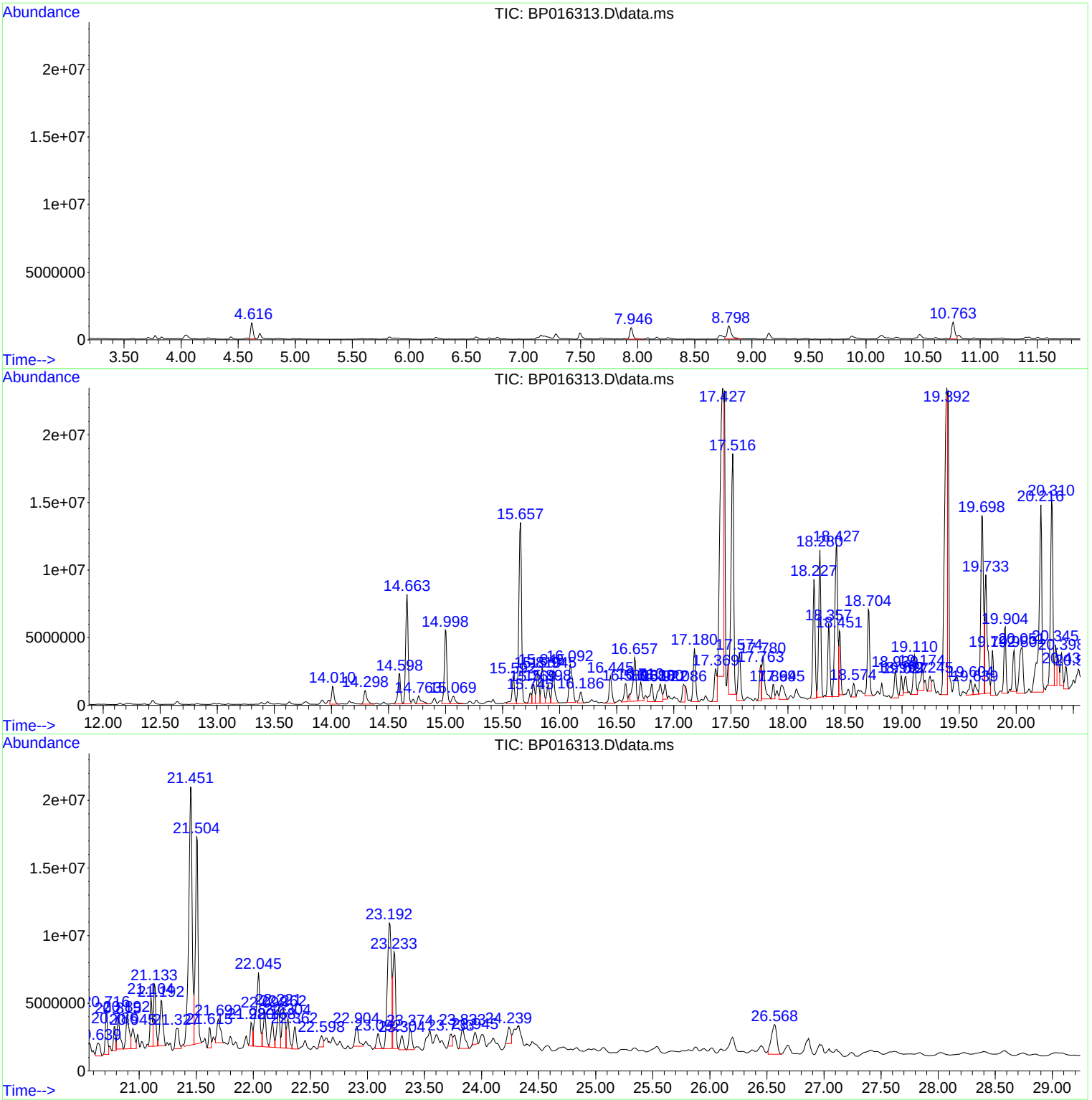
Sum of corrected areas: 670357332

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

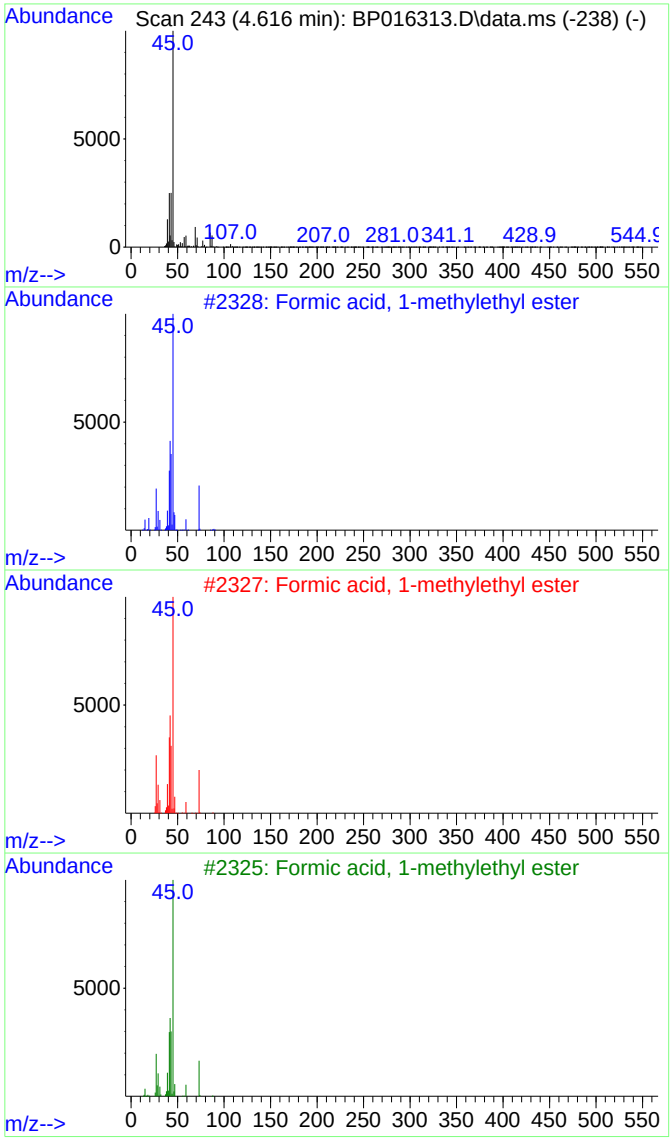
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

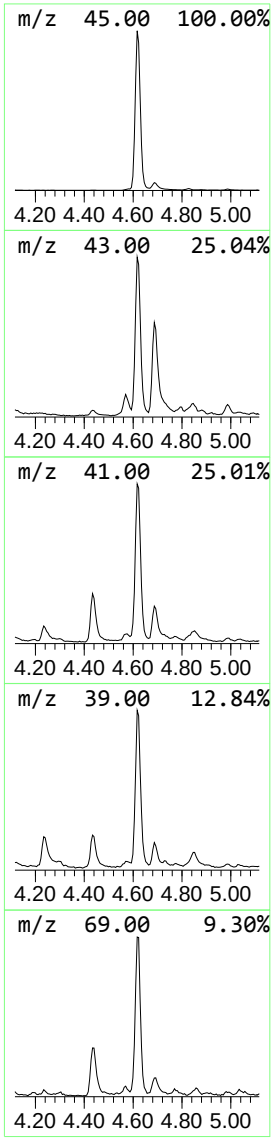
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Formic acid, 1-methylethyl ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.616	22.77 ng/ul	1789350	1,4-Dichlorobenzene-d4	7.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	53
2	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	53
3	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	53
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

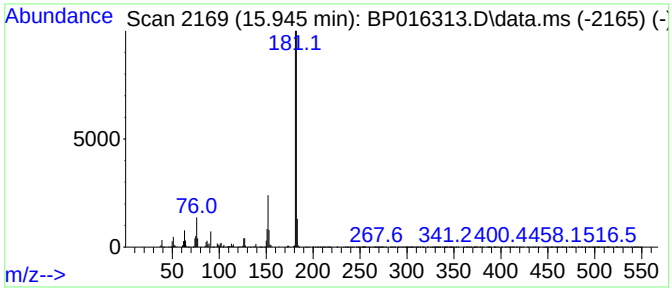
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

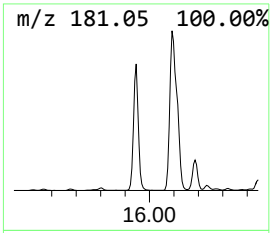
****

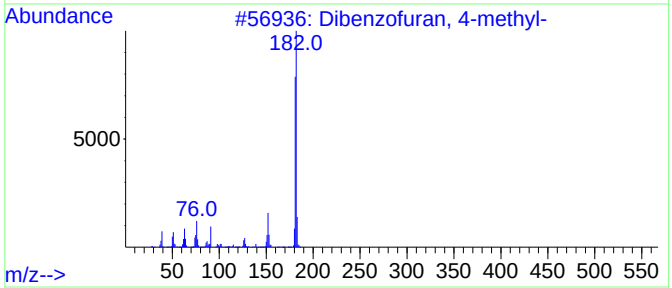
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 18

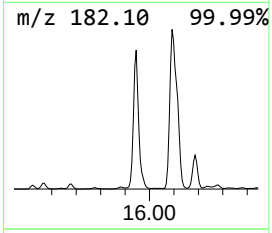
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	20.63 ng/ul	3770260	Acenaphthene-d10	14.598

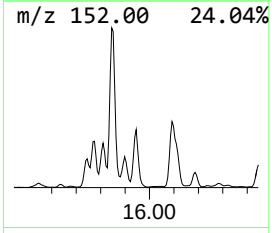
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78

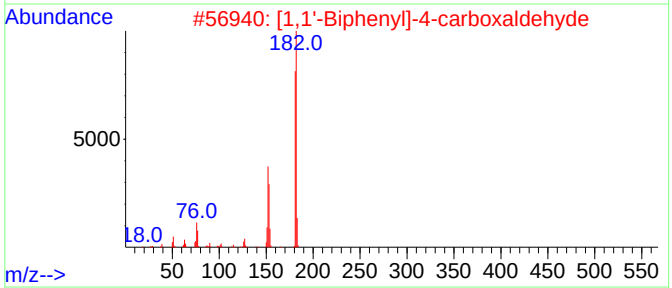


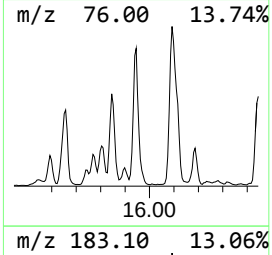


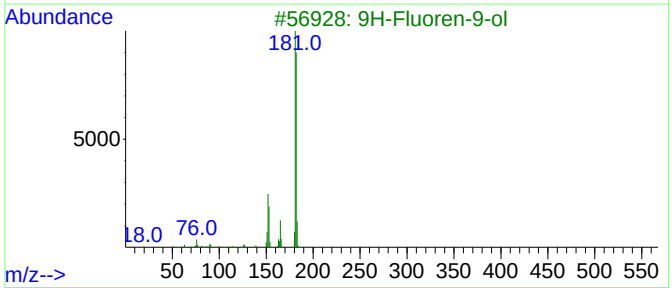


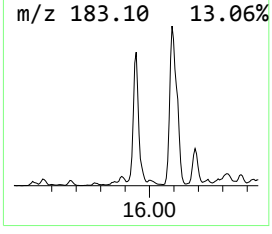












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

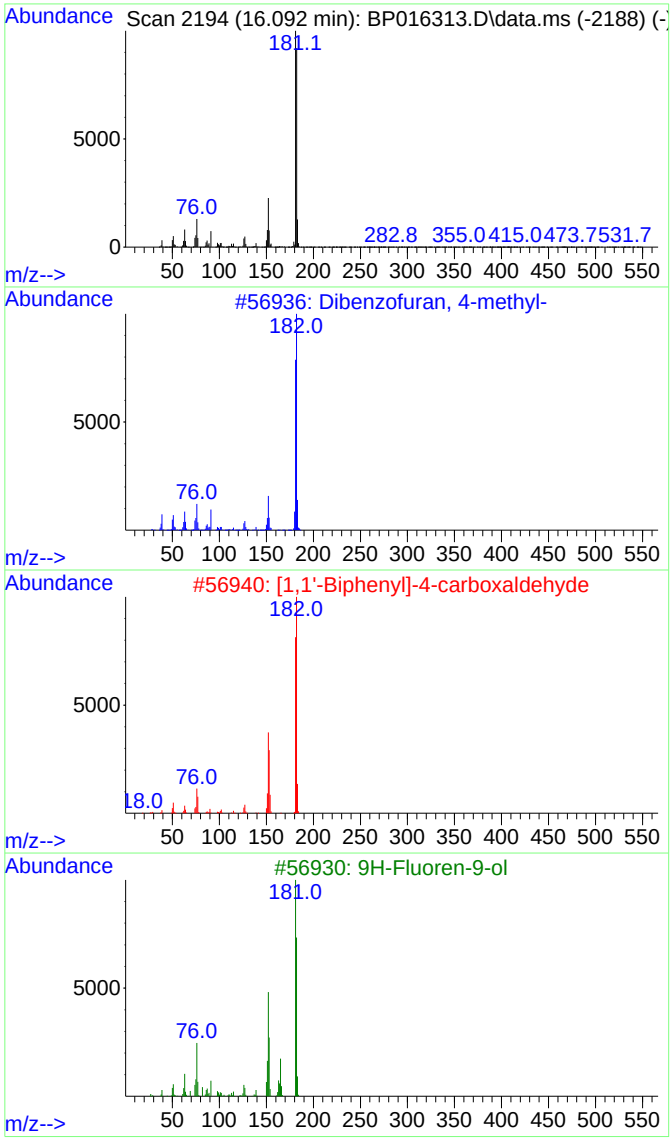
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

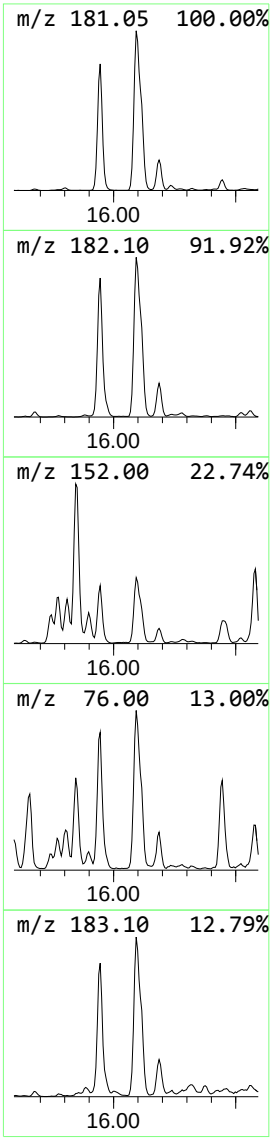
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	28.13 ng/ul	5804410	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

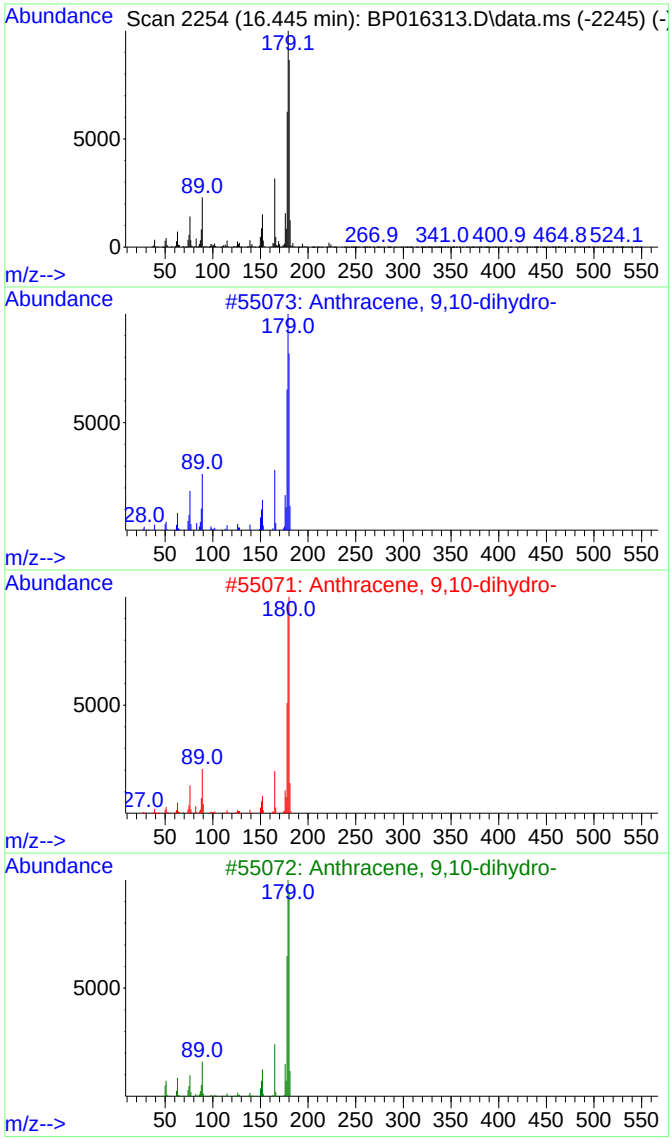
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

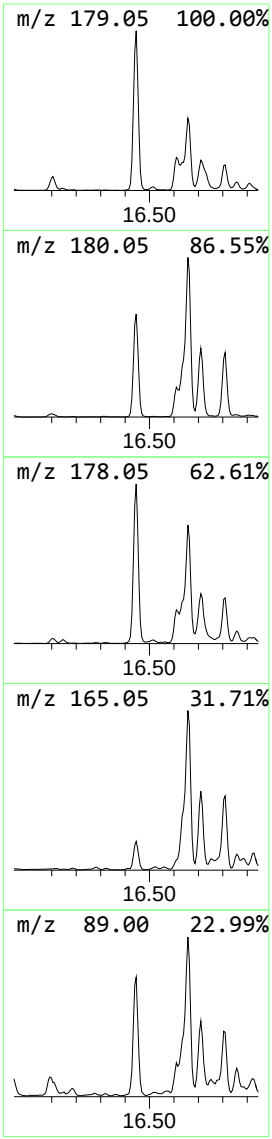
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 9,10-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	15.70 ng/ul	3239250	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	97
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	97
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	91





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Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

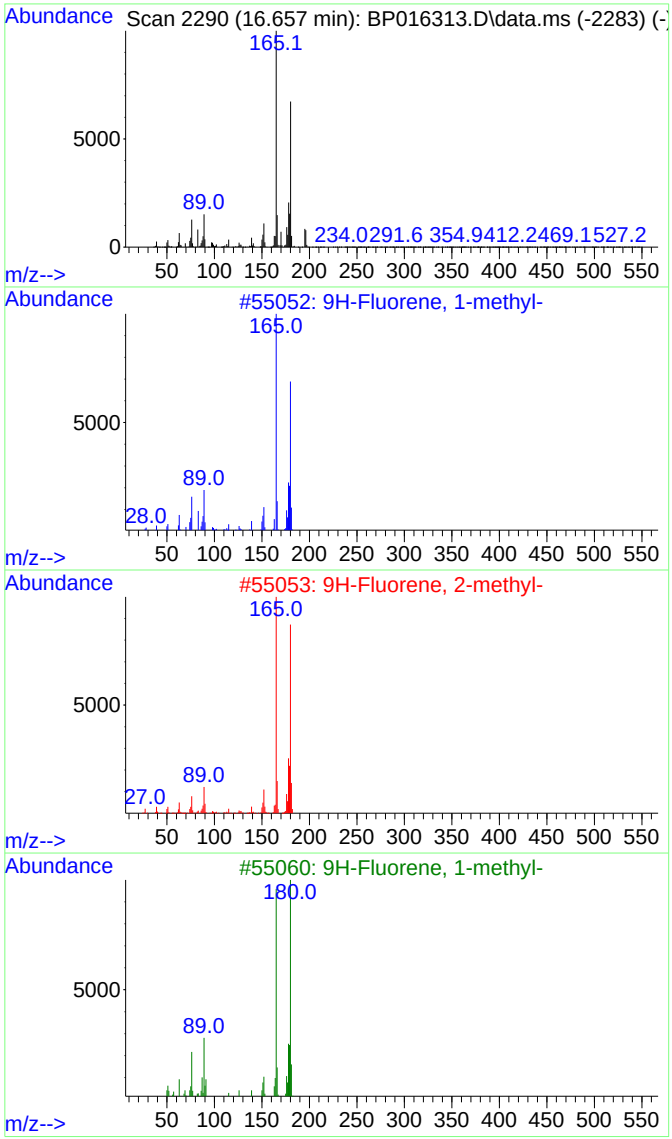
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

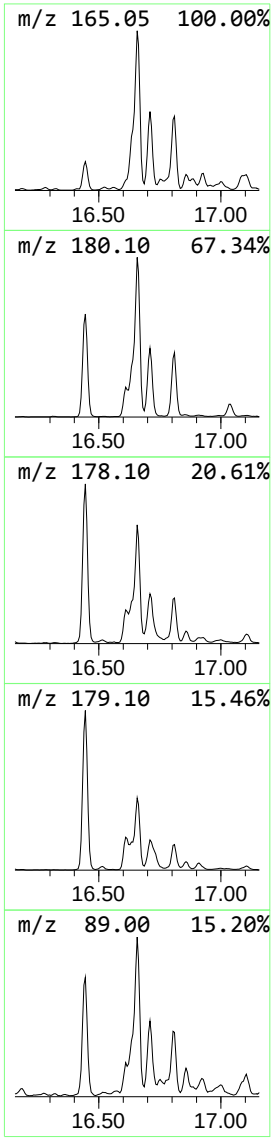
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	27.95 ng/ul	5767960	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	74





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Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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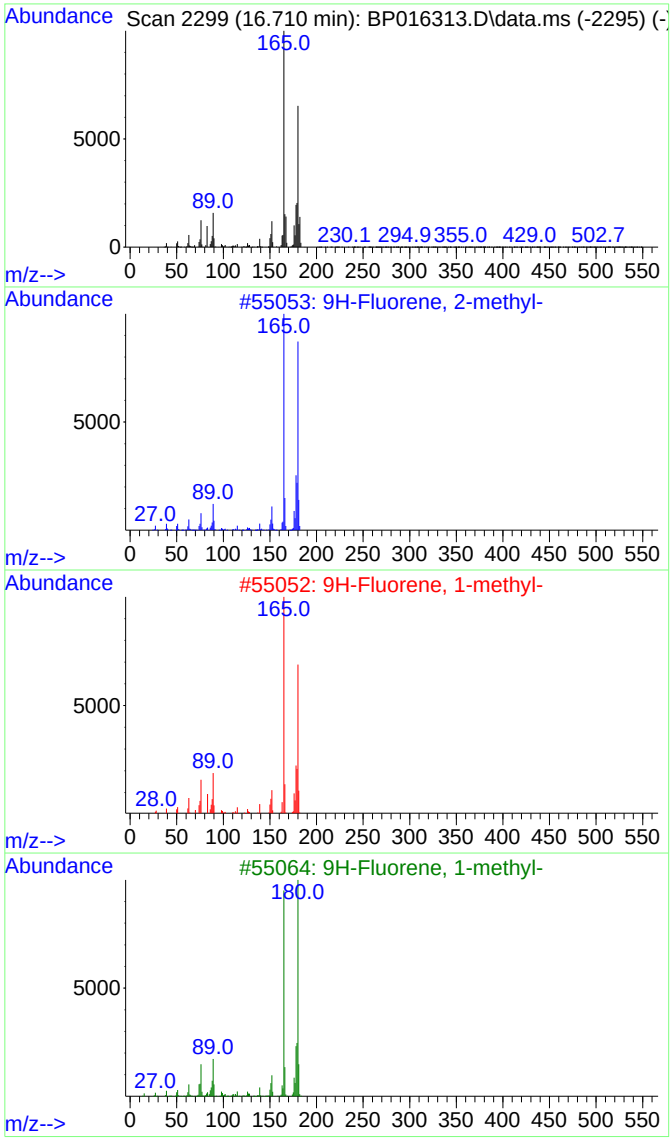
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

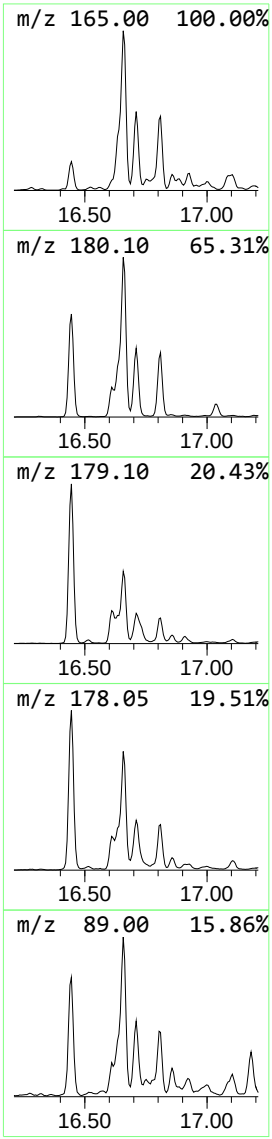
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.710	10.05 ng/ul	2073440	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89





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Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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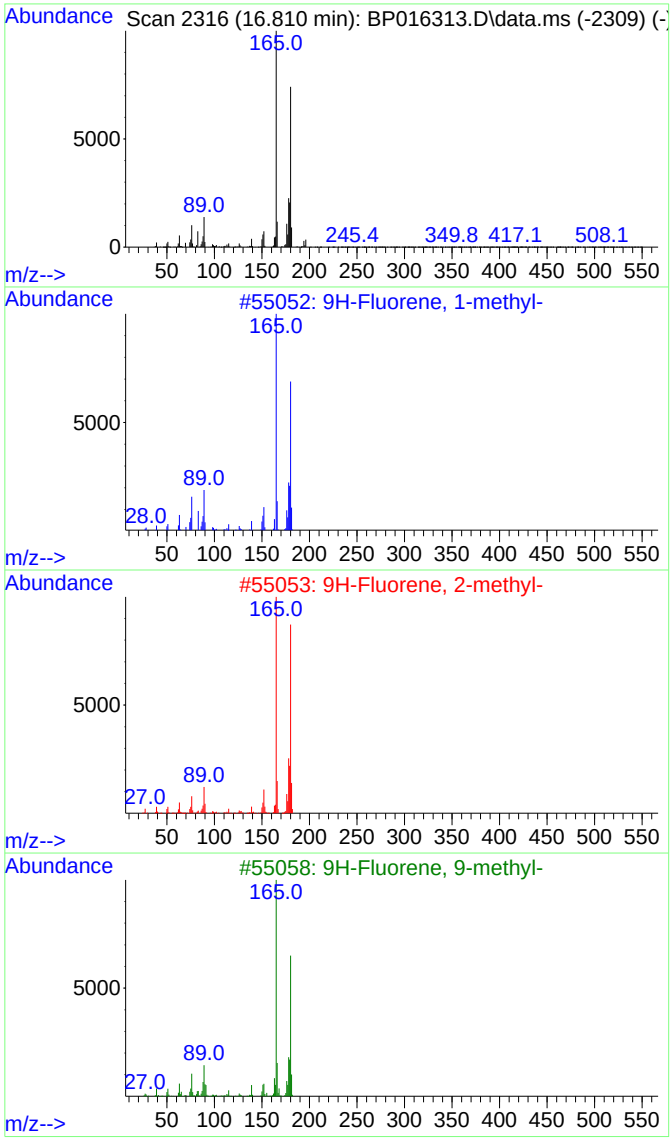
Quant Title : SVOA CALIBRATION

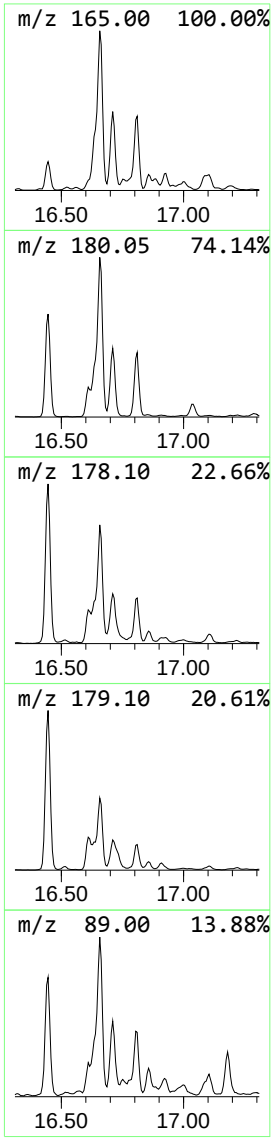
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9H-Fluorene, 9-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.810	10.83 ng/ul	2234430	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91





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Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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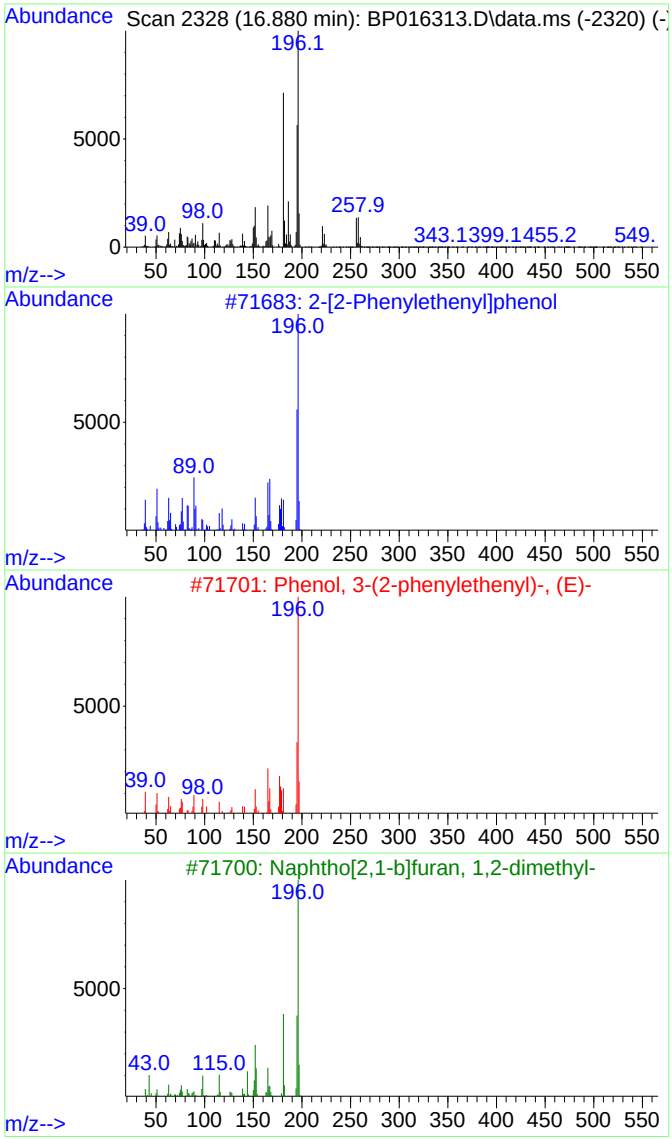
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

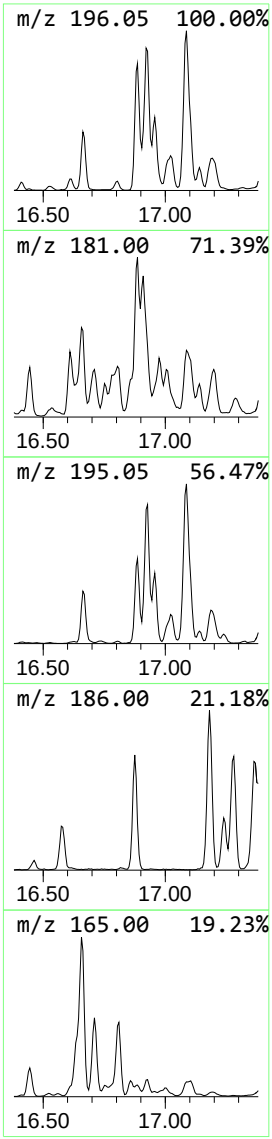
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-[2-Phenylethenyl]phenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.880	14.88 ng/ul	3069620	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	55
3	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	55
4	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	50
5	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	49





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Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46W5

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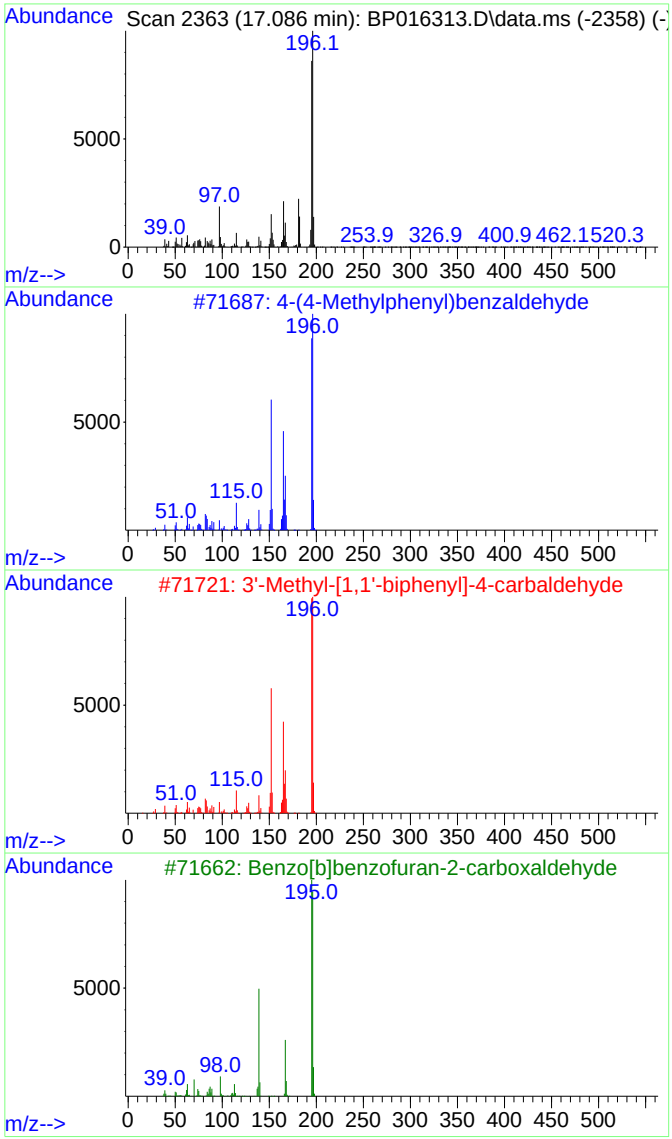
Quant Title : SVOA CALIBRATION

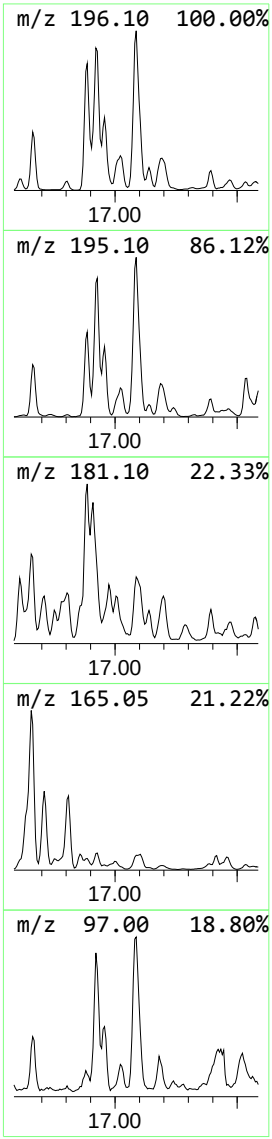
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4-(4-Methylphenyl)benzaldehyde Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	10.17 ng/ul	2097540	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	93
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	90
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	70
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58





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Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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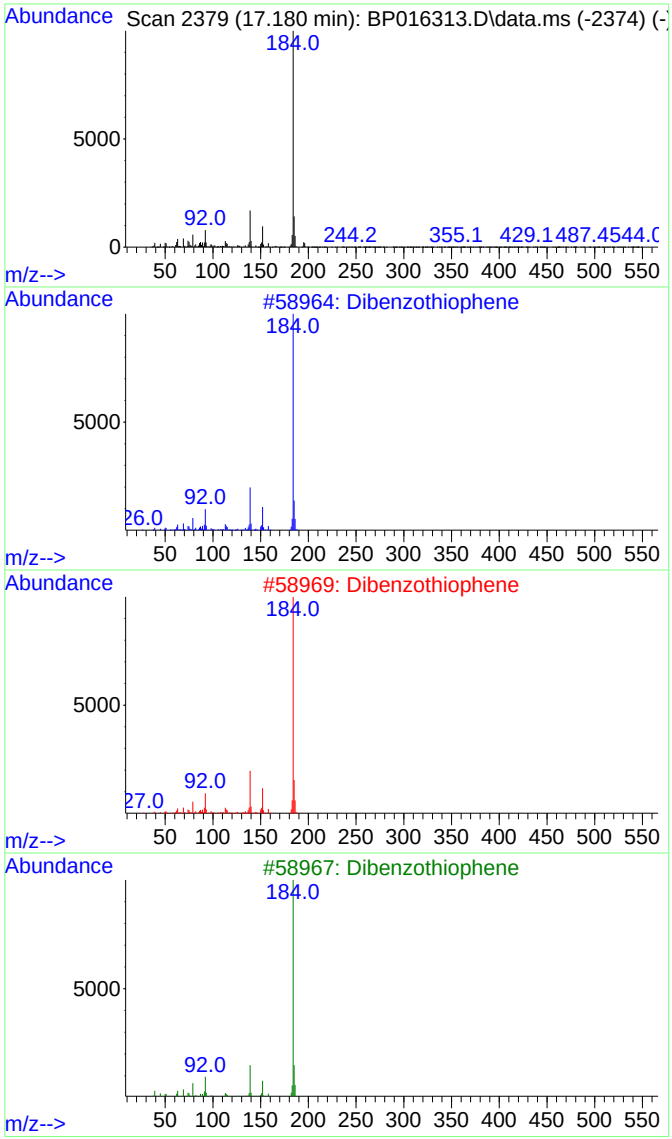
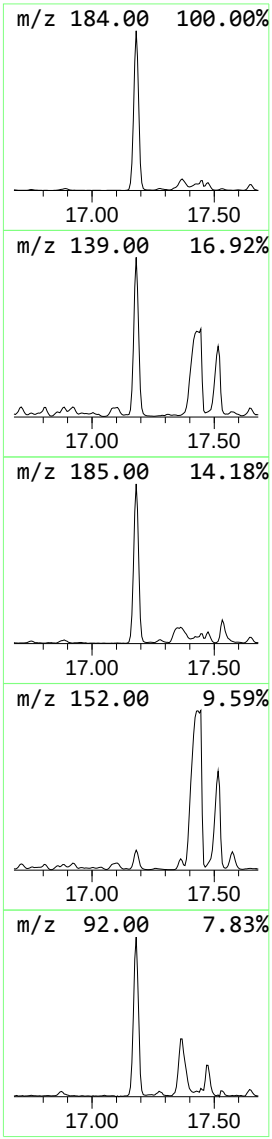
Peak Number 17 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	27.53 ng/ul	5680580	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





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Sample : 03501-06
Misc :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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Peak Number 18 Acridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.575	26.24 ng/ul	5414100	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Acridine	179	C13H9N	000260-94-6	94
3	Acridine	179	C13H9N	000260-94-6	94
4	Acridine	179	C13H9N	000260-94-6	94
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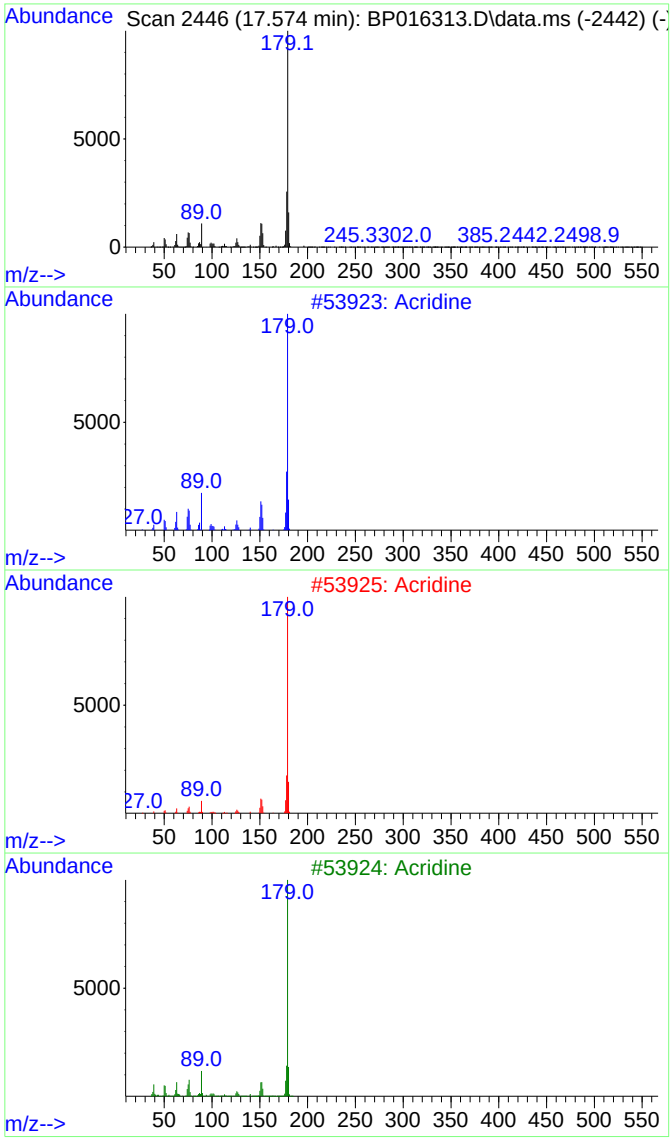

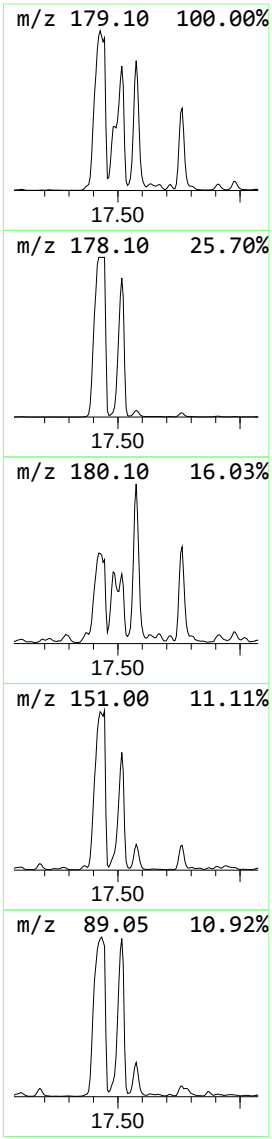

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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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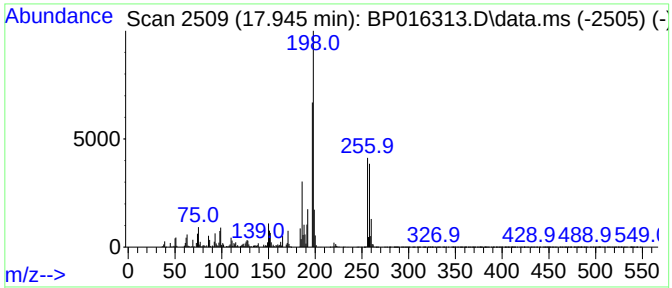
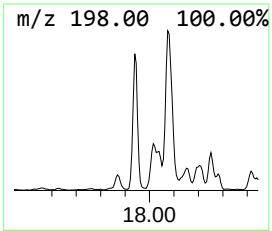
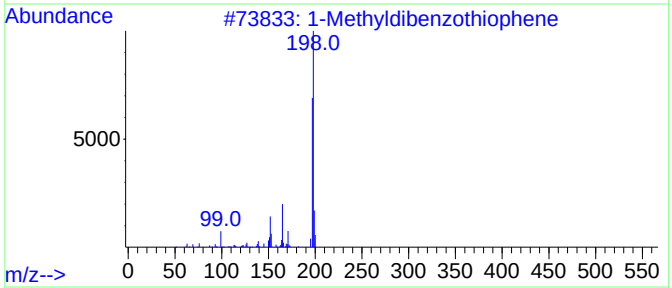
Peak Number 20 unknown-01 Concentration Rank 23

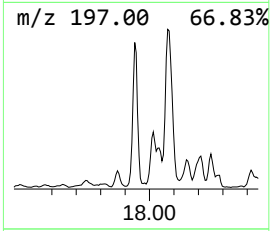
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	12.79 ng/ul	2638920	Phenanthrene-d10	17.369

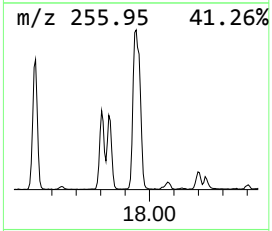
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	46
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	41
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	38
4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	38
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	38

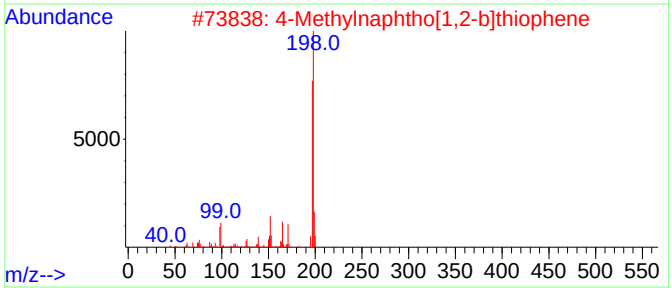


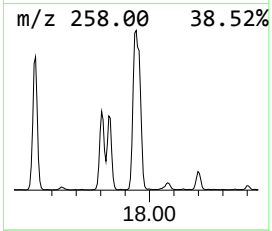


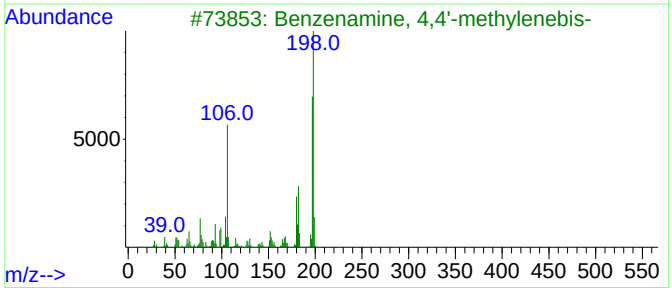


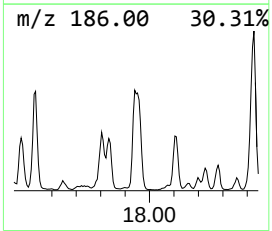












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Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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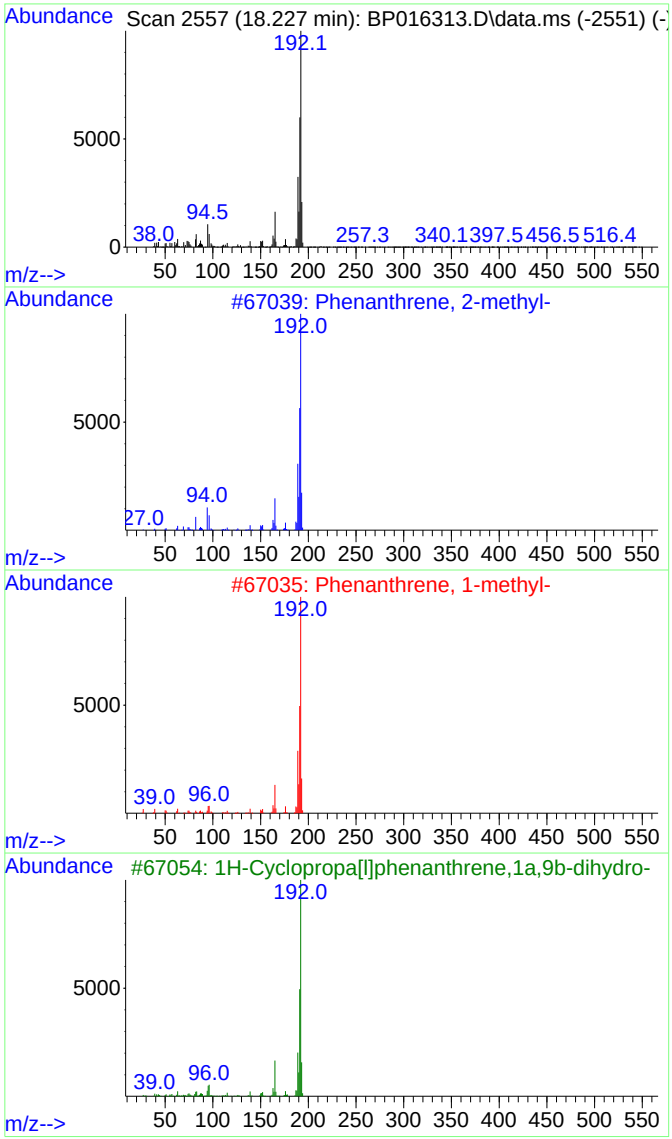
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

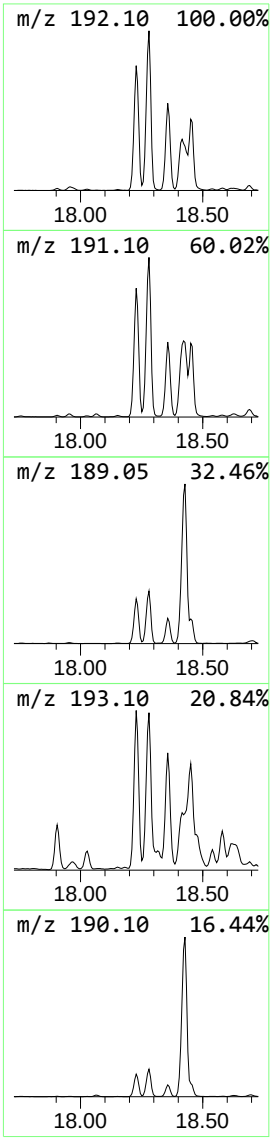
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	58.02 ng/ul	11971500	Phenanthrene-d10	17.369

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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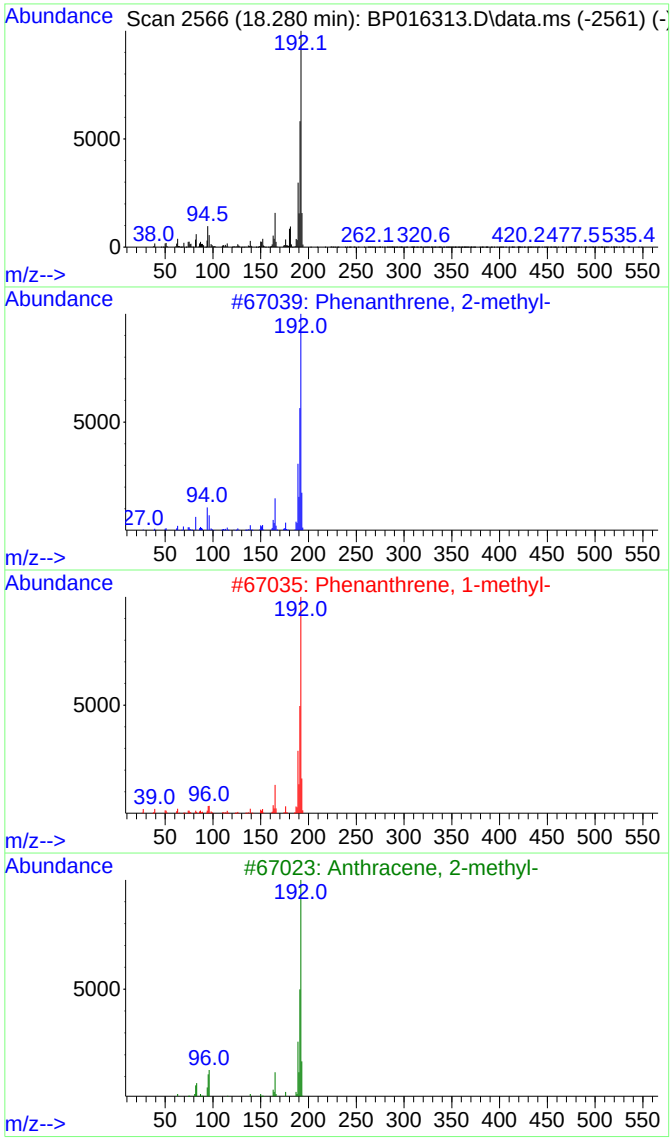
Quant Title : SVOA CALIBRATION

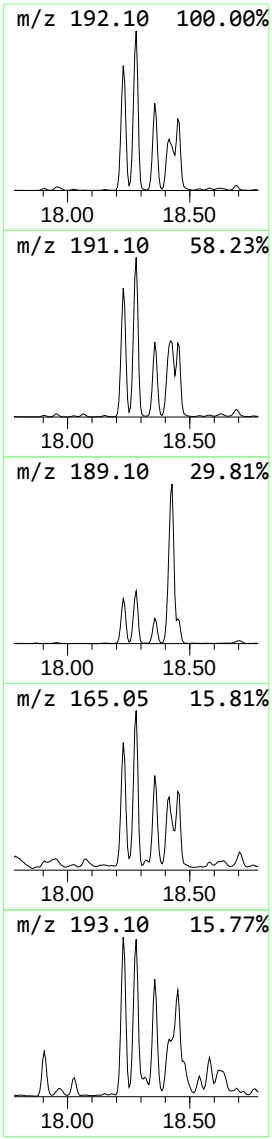
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	68.61 ng/ul	14157600	Phenanthrene-d10	17.369

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

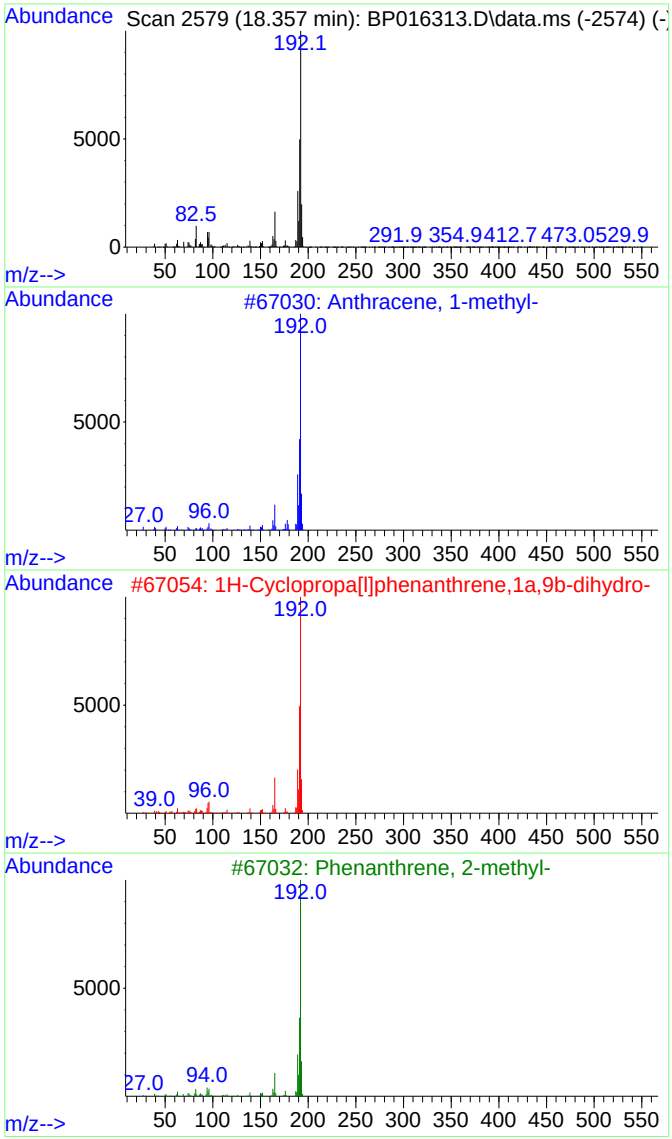
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

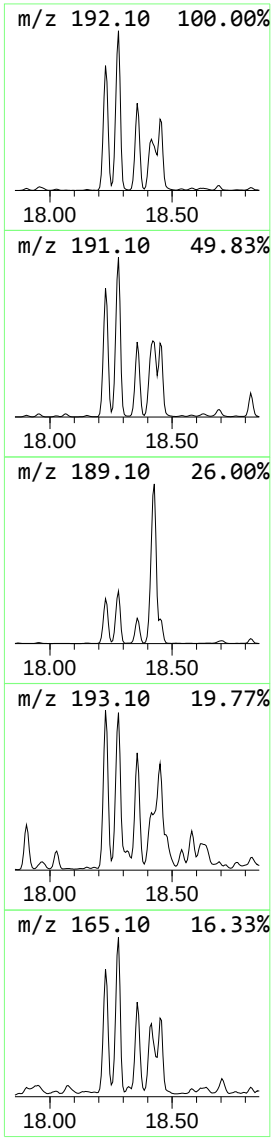
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	34.08 ng/ul	7032120	Phenanthrene-d10	17.369

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





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Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

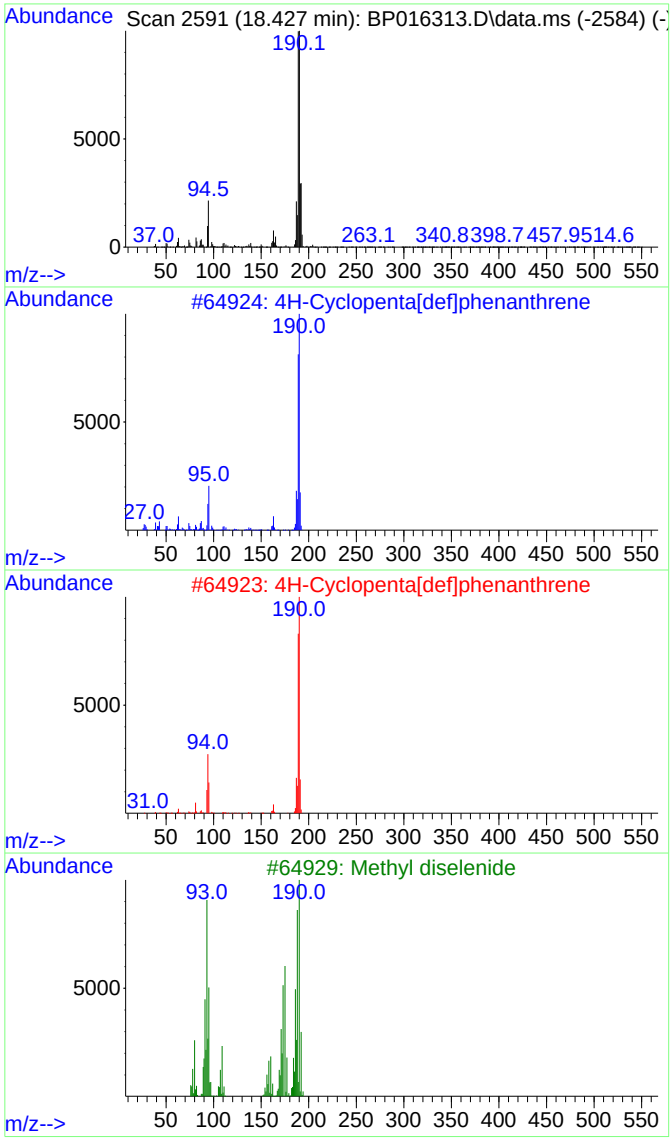
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

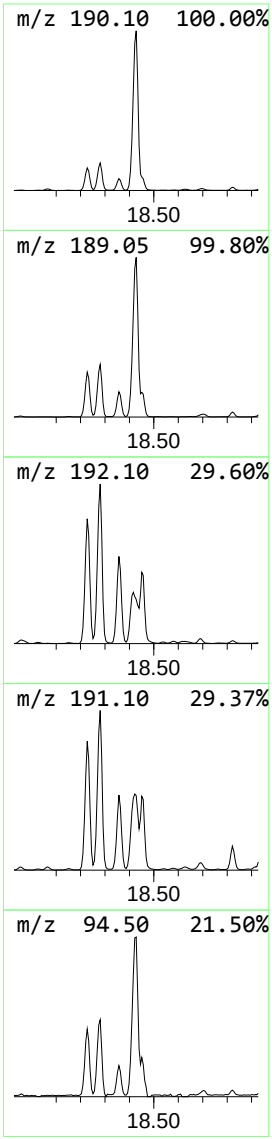
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	97.91 ng/ul	20203400	Phenanthrene-d10	17.369

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	87
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





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Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

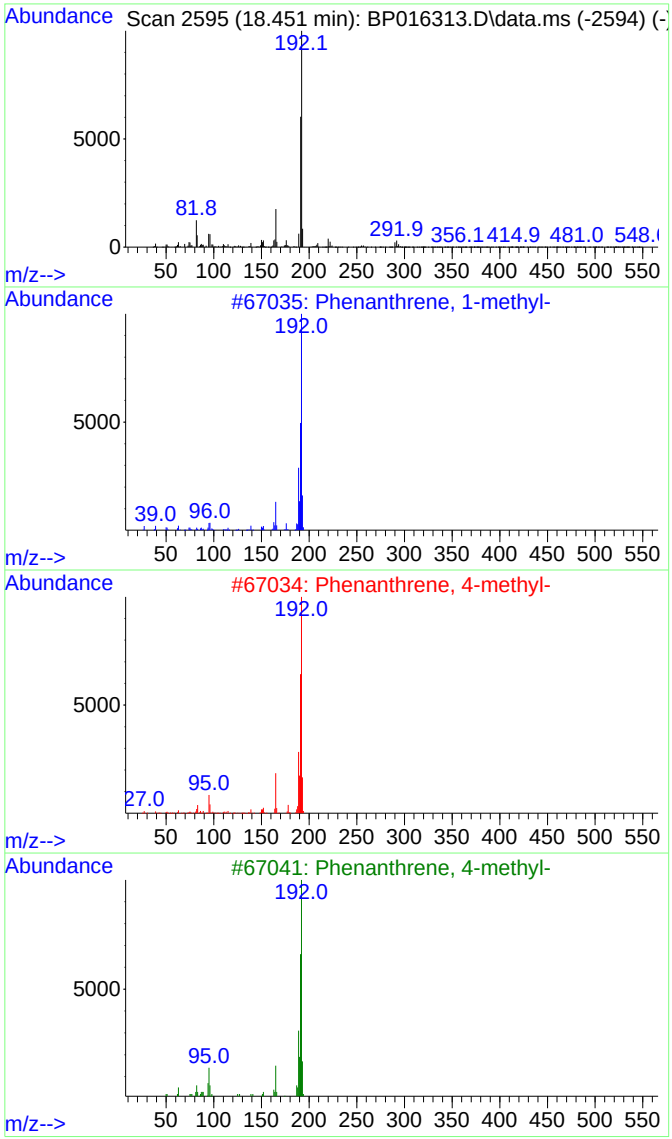
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

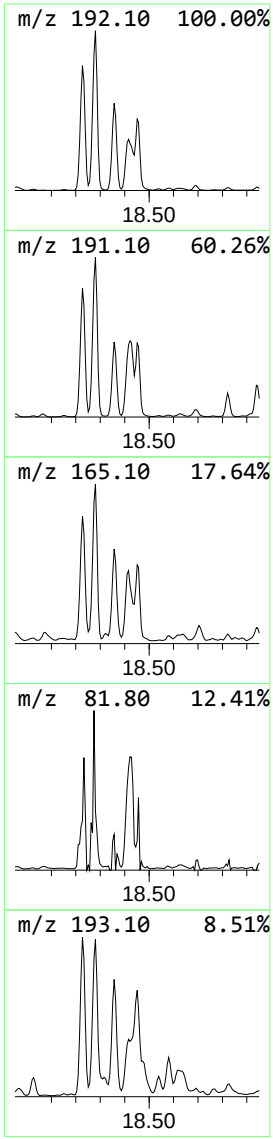
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	21.22 ng/ul	4378440	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





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Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

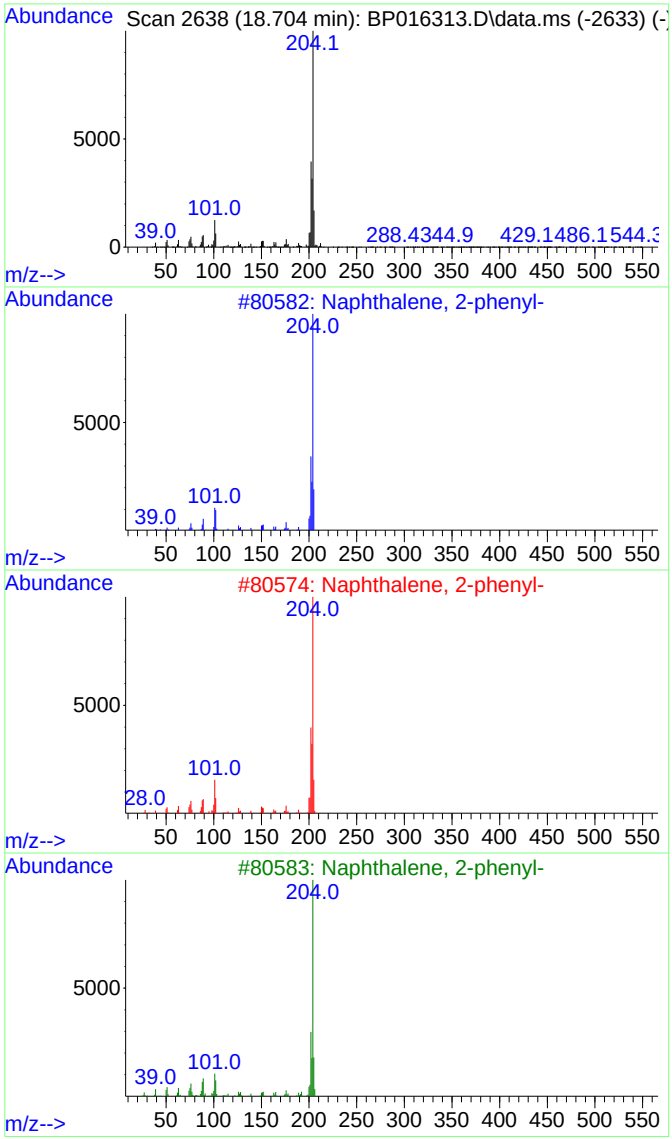
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

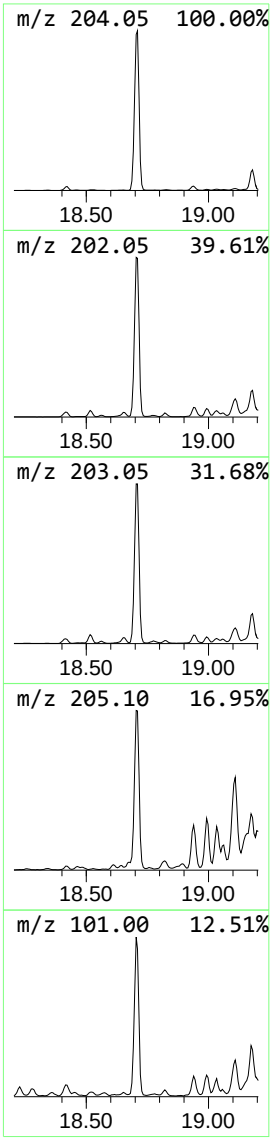
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.704	43.02 ng/ul	8877390	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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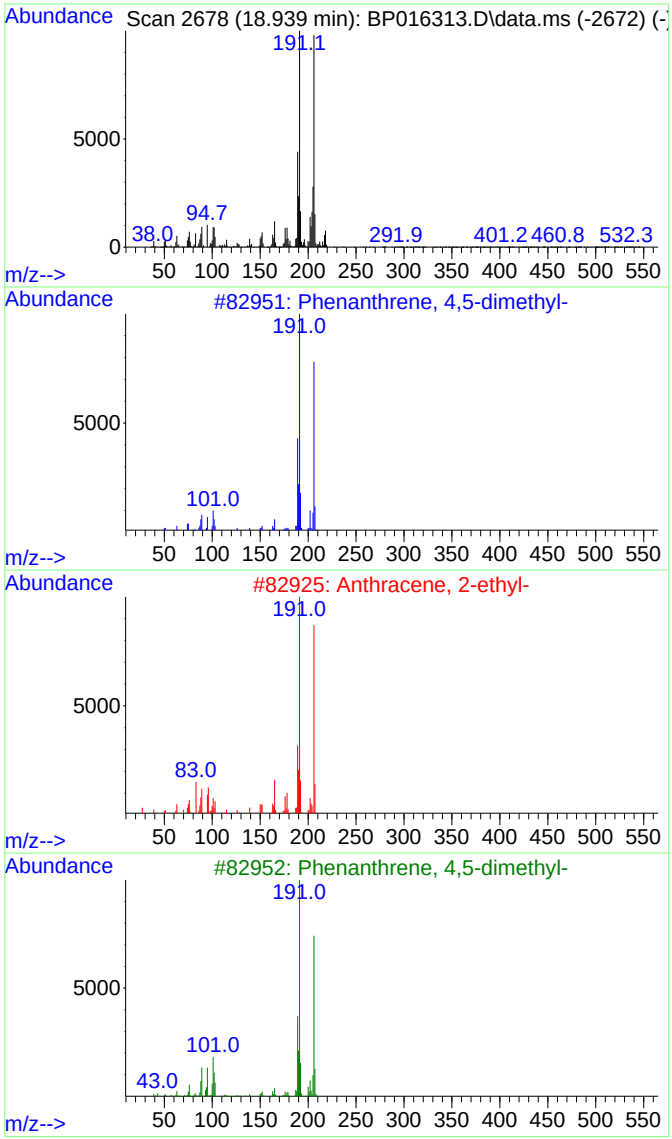
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

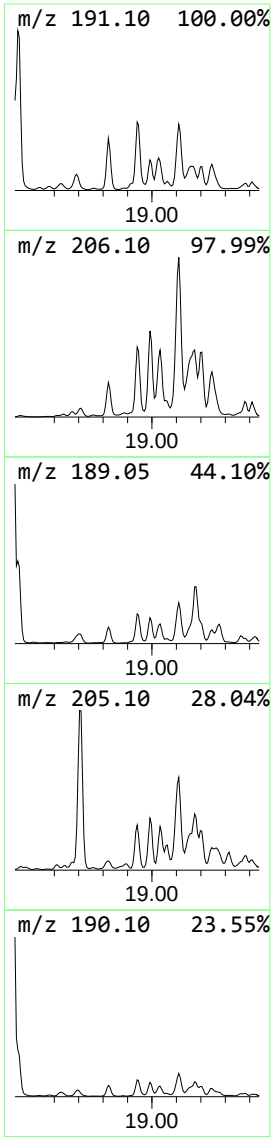
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Phenanthrene, 4,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	14.76 ng/ul	3046380	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	98
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94





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Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

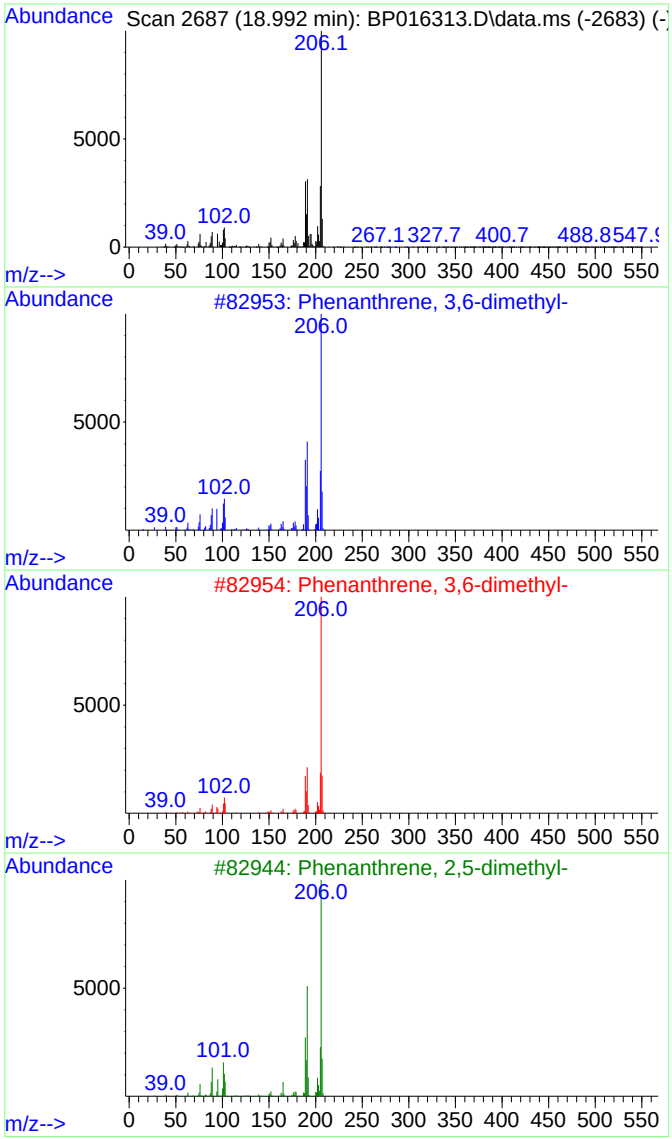
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

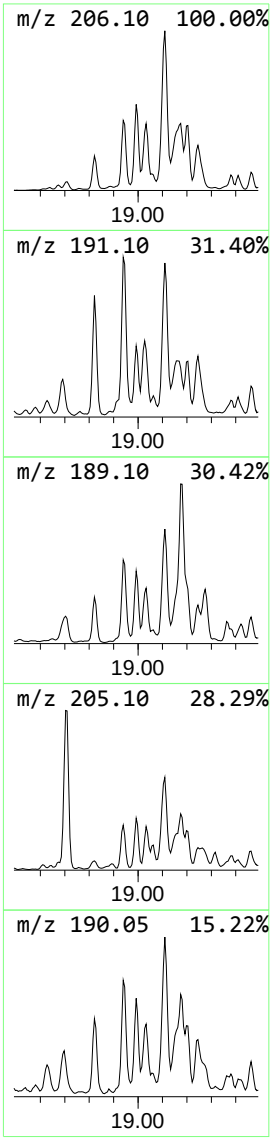
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Phenanthrene, 3,6-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	8.13 ng/ul	1678300	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

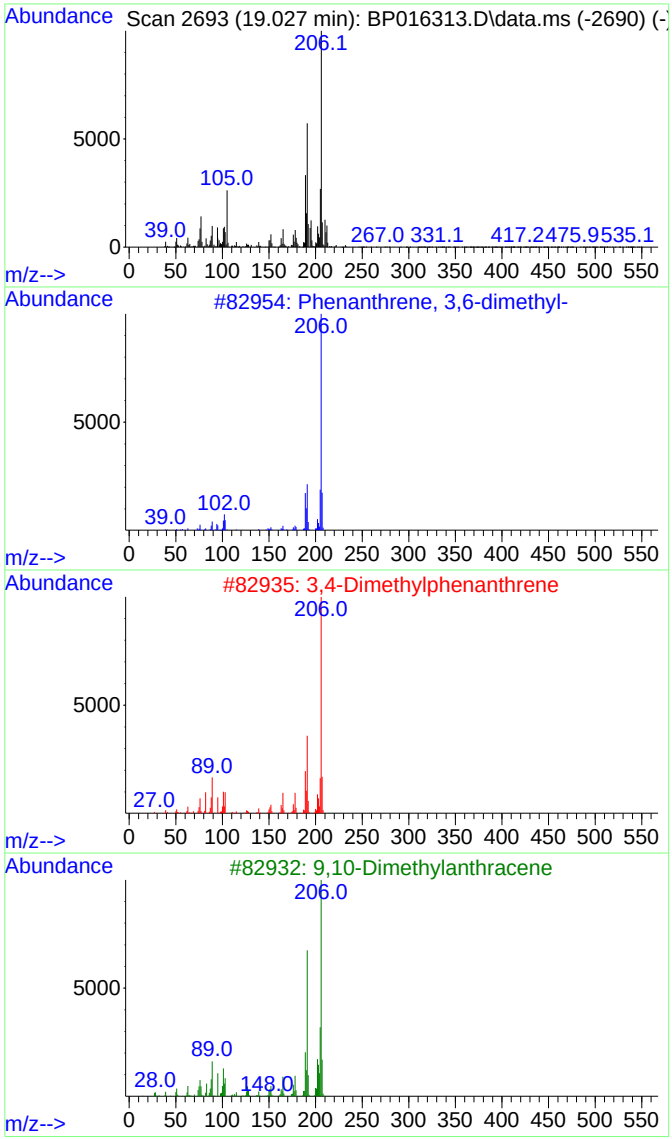
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

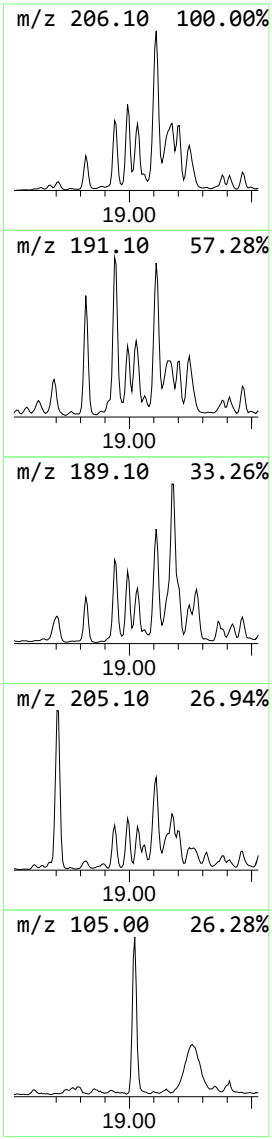
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 3,4-Dimethylphenanthrene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	8.15 ng/ul	1682440	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	86





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Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

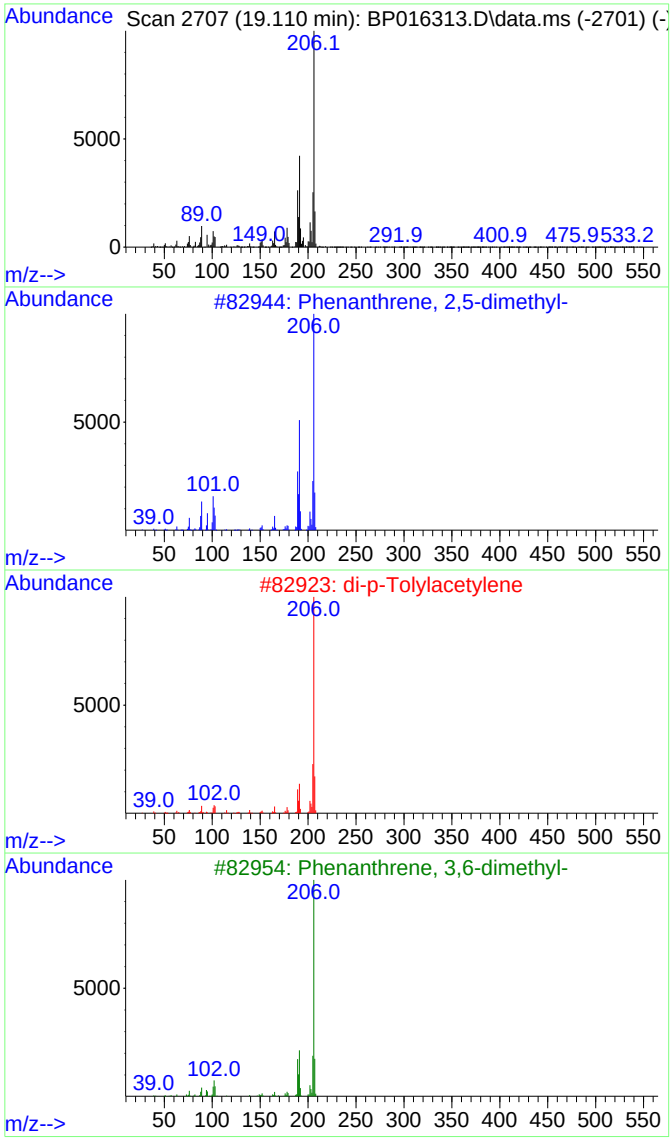
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

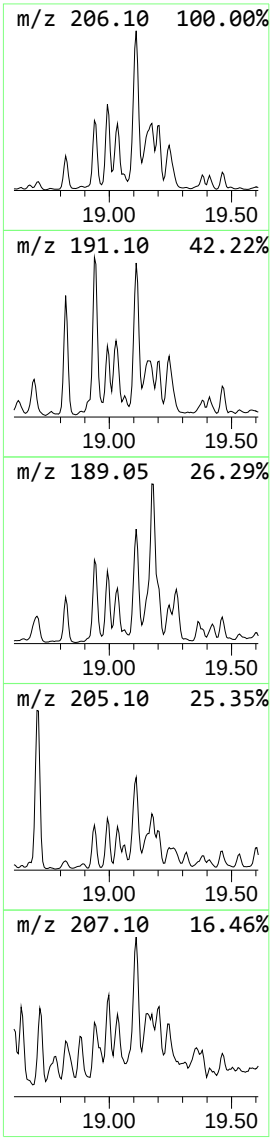
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	21.39 ng/ul	4414720	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





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Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

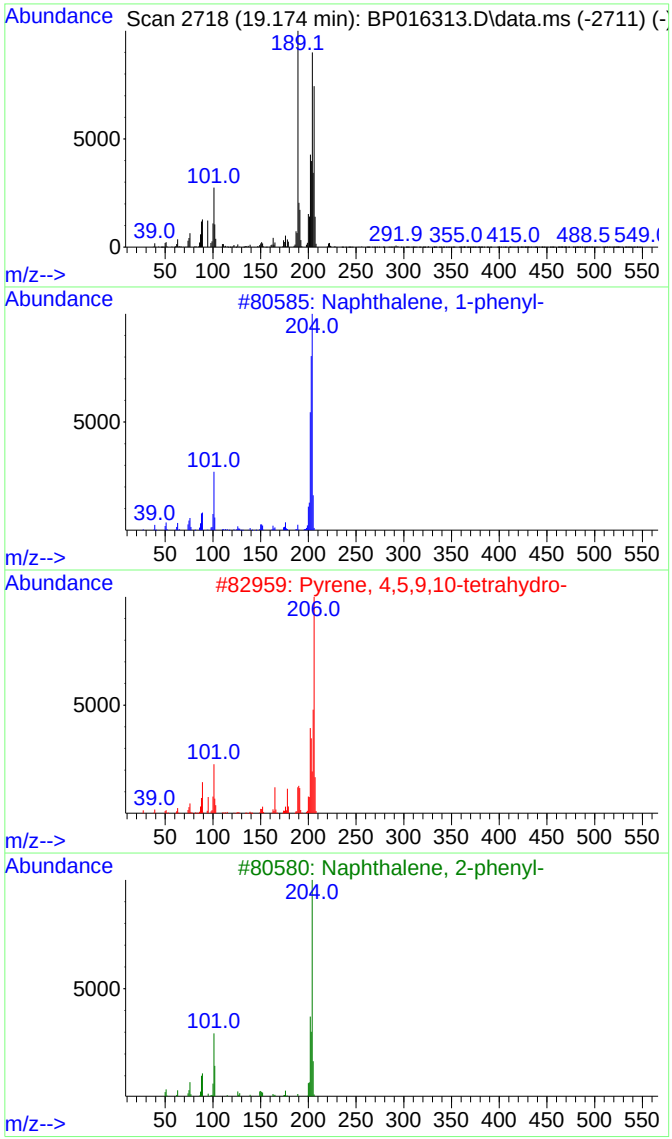
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

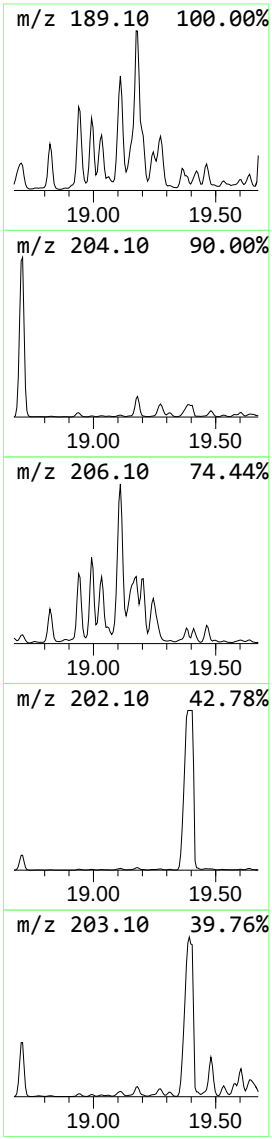
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	13.78 ng/ul	2843690	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38





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Acq On : 19 Jul 2023 02:35
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Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

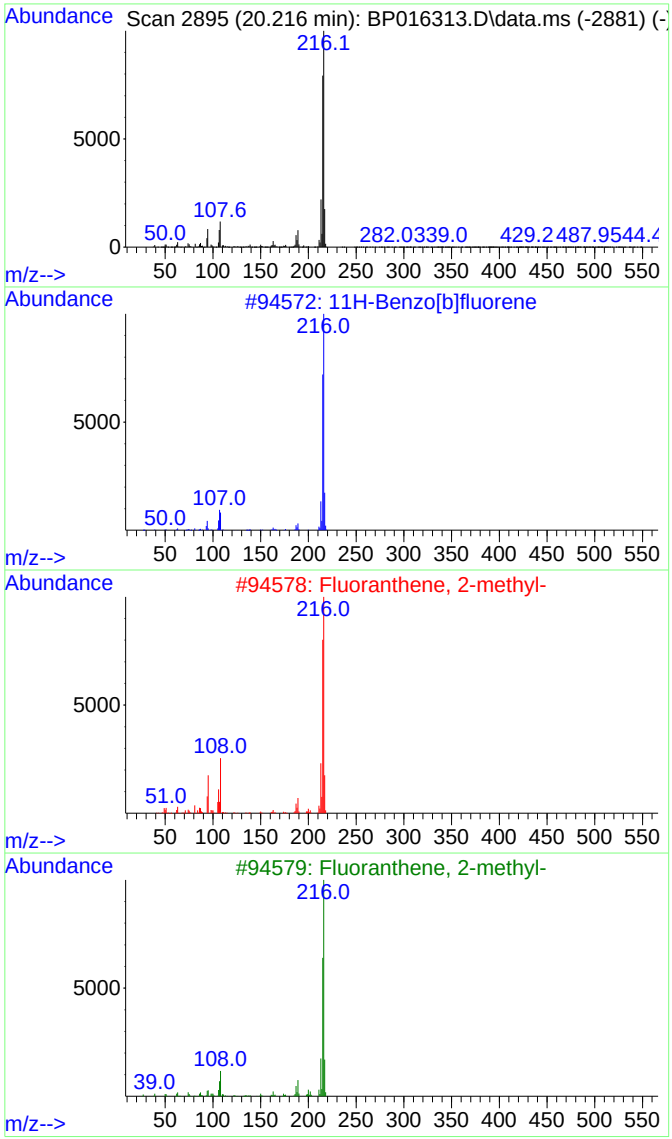
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

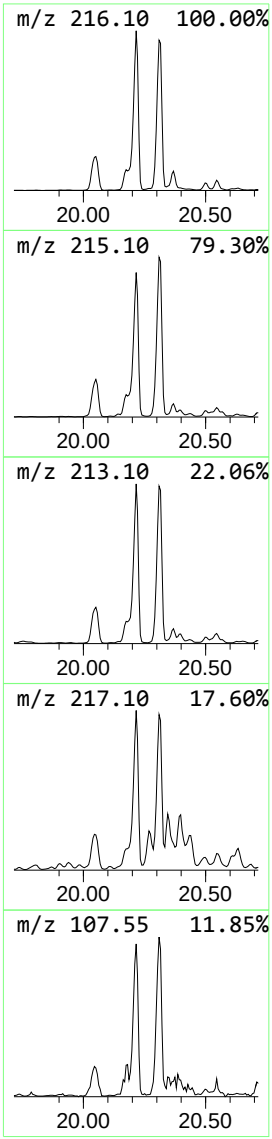
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 11H-Benzo[b]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.215	12.10 ng/ul	24505900	Chrysene-d12	21.468

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	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





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Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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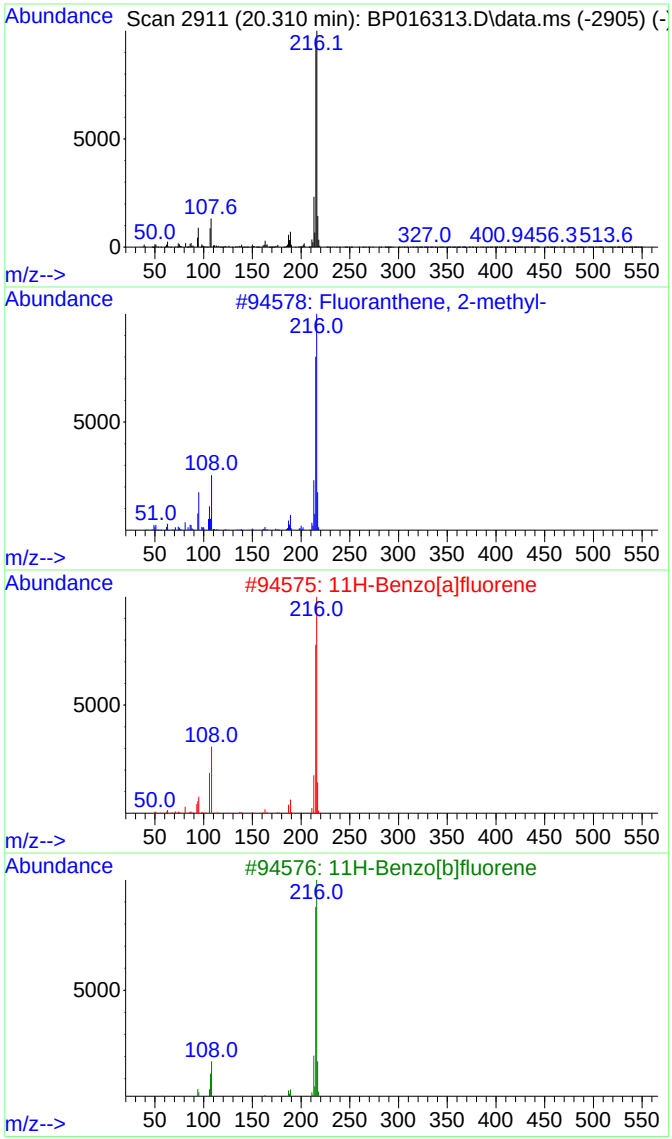
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

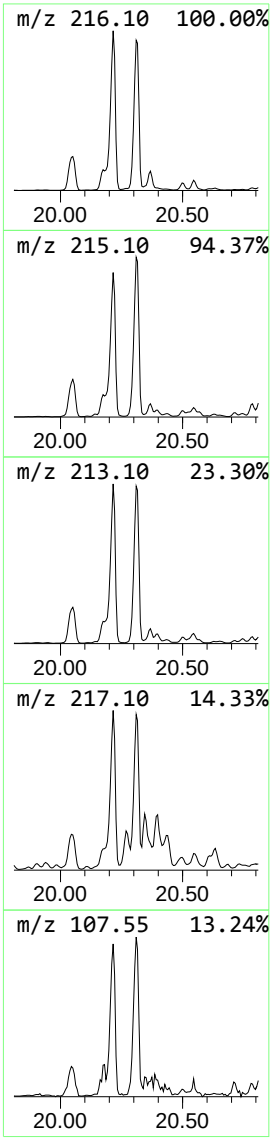
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Fluoranthene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	9.85 ng/ul	19956800	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 19 Jul 2023 02:35
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Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

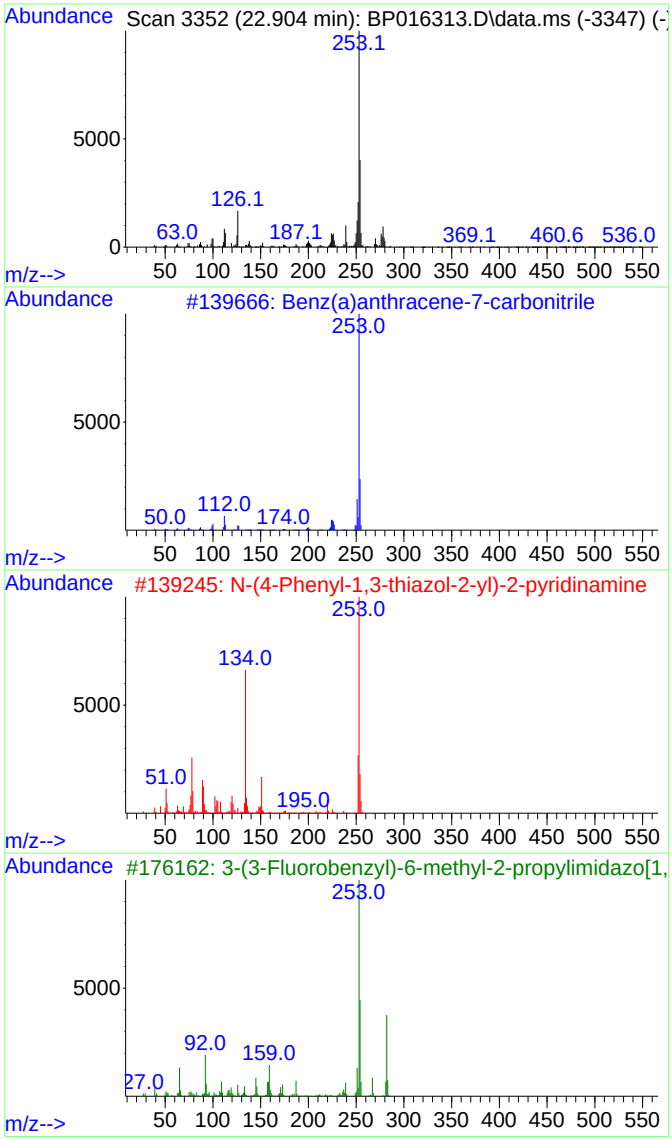
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

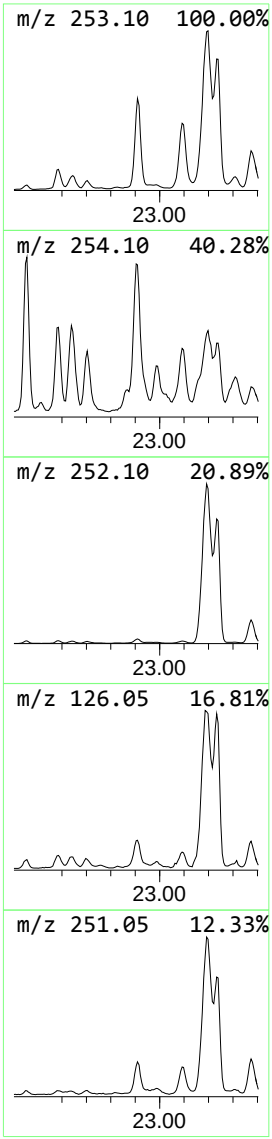
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benz(a)anthracene-7-carboni... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.904	40.47 ng/ul	3060150	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
2	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	46
3	3-(3-Fluorobenzyl)-6-methyl-2-pr...	282	C18H19FN2	1000457-96-1	45
4	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	40
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

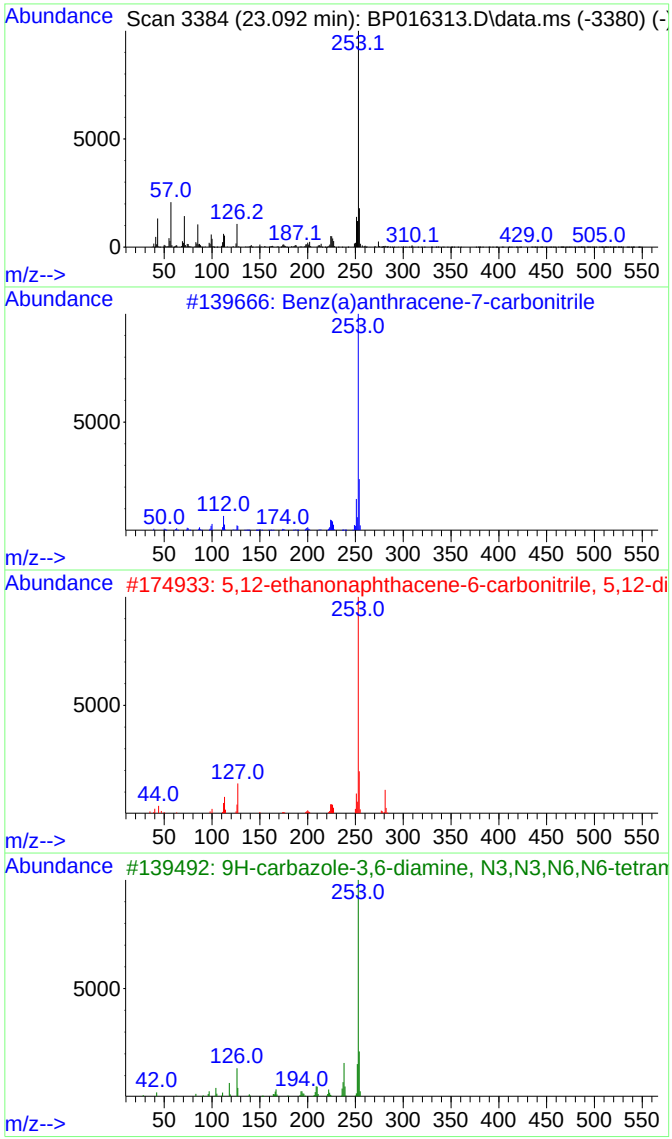
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

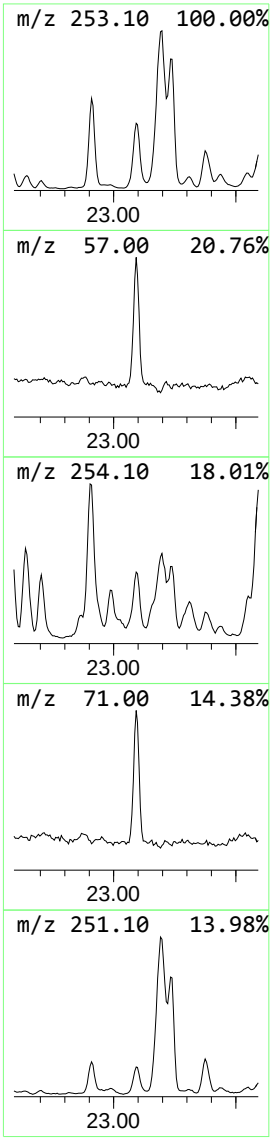
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 5,12-ethanonaphthacene-6-ca... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.092	27.38 ng/ul	2070640	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	94
2	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	64
3	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	64
4	Triamterene	253	C12H11N7	000396-01-0	59
5	N-Benzylisatoic anhydride	253	C15H11NO3	035710-05-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

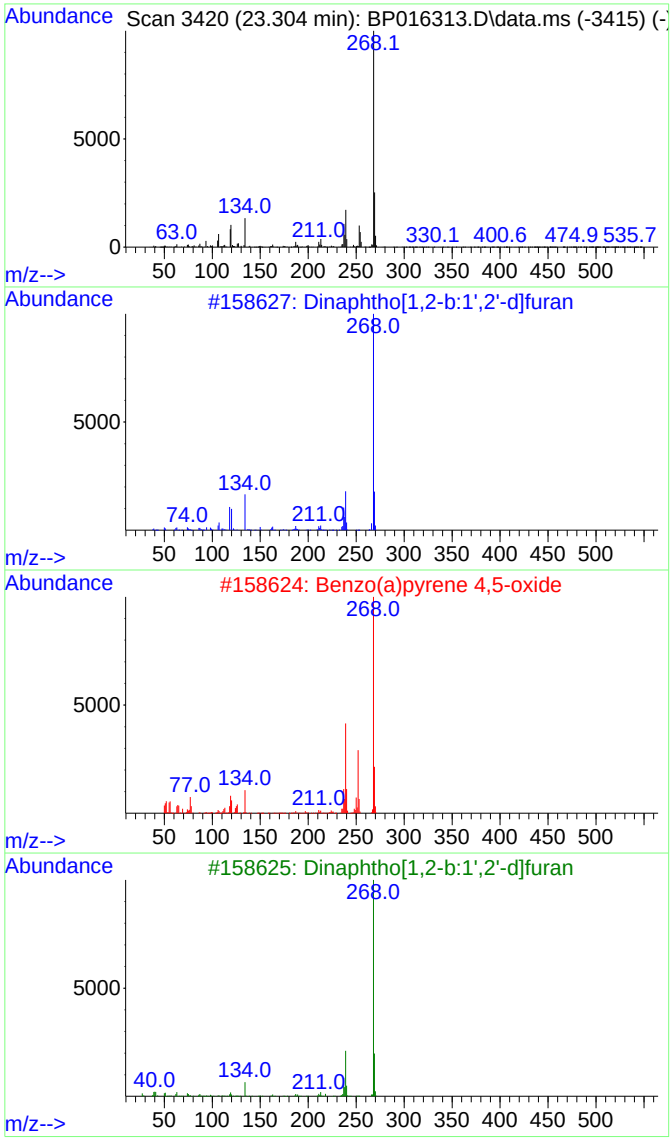
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

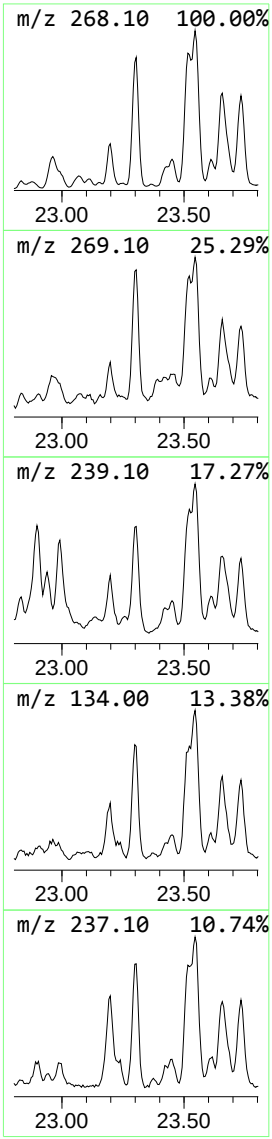
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.304	25.71 ng/ul	1944100	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	89
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	74
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	59
5	3-Methylcholanthrene	268	C21H16	000056-49-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

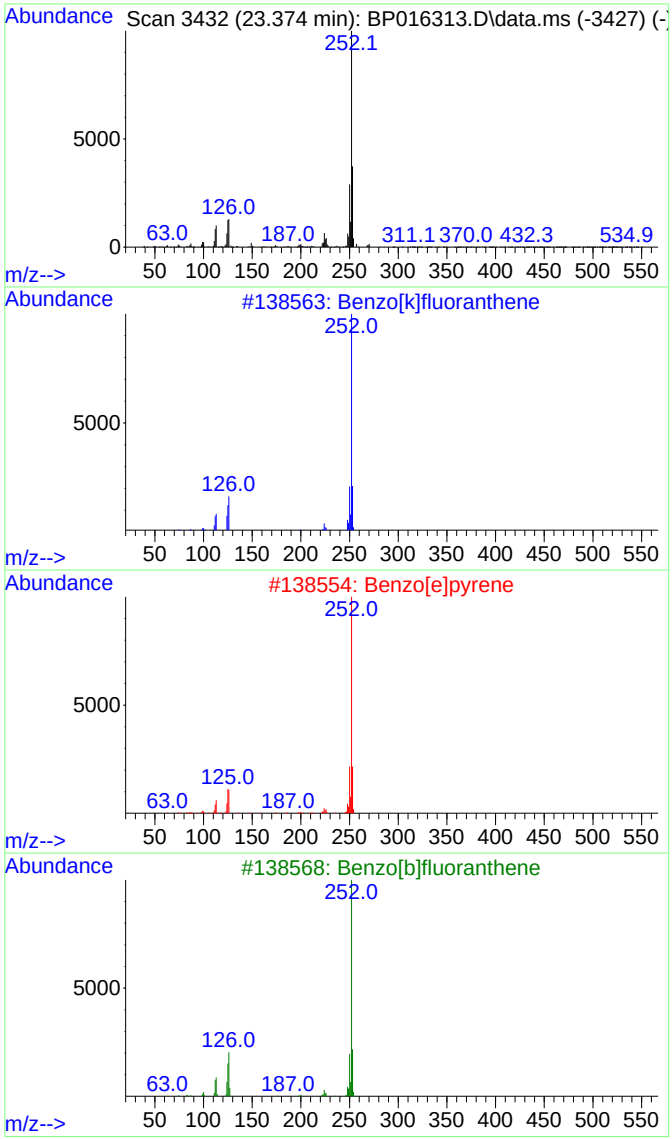
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

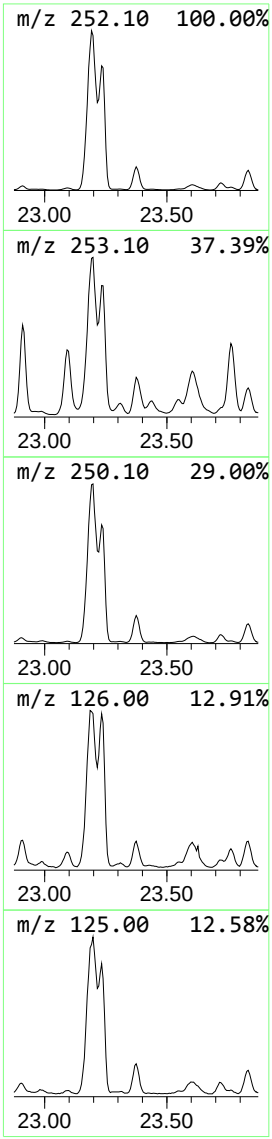
****

Peak Number 52 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.374	36.88 ng/ul	2788780	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

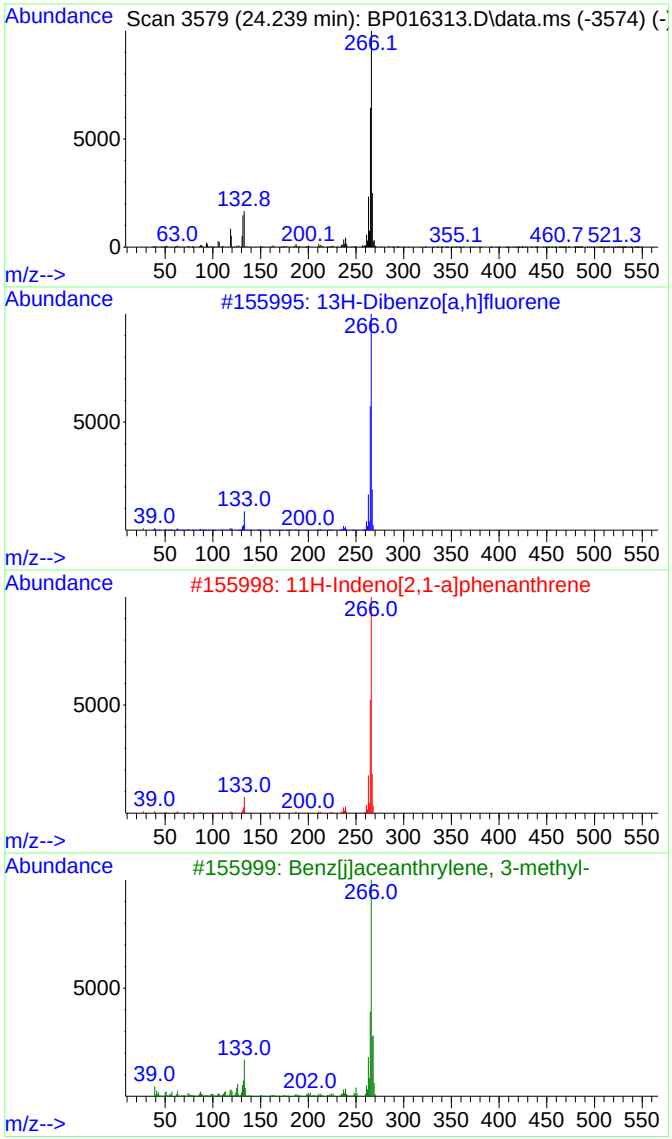
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

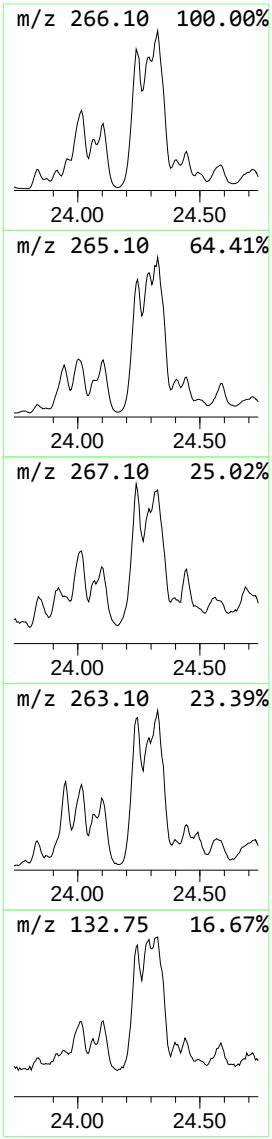
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 13H-Dibenzo[a,h]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.239	33.66 ng/ul	2545260	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	96
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	94
3	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	86
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	81
5	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.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
Formic acid, 1-...	4.616	22.8	ng/ul	1789350	1	7.946	1571360	20.0
Dibenzofuran, 4...	15.945	20.6	ng/ul	3770260	3	14.598	3654260	20.0
[1,1'-Biphenyl]...	16.092	28.1	ng/ul	5804410	4	17.369	4126890	20.0
Anthracene, 9,1...	16.445	15.7	ng/ul	3239250	4	17.369	4126890	20.0
9H-Fluorene, 1-...	16.657	27.9	ng/ul	5767960	4	17.369	4126890	20.0
9H-Fluorene, 2-...	16.710	10.1	ng/ul	2073440	4	17.369	4126890	20.0
9H-Fluorene, 9-...	16.810	10.8	ng/ul	2234430	4	17.369	4126890	20.0
2-[2-Phenylethe...	16.880	14.9	ng/ul	3069620	4	17.369	4126890	20.0
4-(4-Methylphen...	17.086	10.2	ng/ul	2097540	4	17.369	4126890	20.0
Dibenzothiophene	17.180	27.5	ng/ul	5680580	4	17.369	4126890	20.0
Acridine	17.575	26.2	ng/ul	5414100	4	17.369	4126890	20.0
unknown-01	17.945	12.8	ng/ul	2638920	4	17.369	4126890	20.0
Phenanthrene, 2...	18.227	58.0	ng/ul	11971500	4	17.369	4126890	20.0
Anthracene, 2-m...	18.280	68.6	ng/ul	14157600	4	17.369	4126890	20.0
Anthracene, 1-m...	18.357	34.1	ng/ul	7032120	4	17.369	4126890	20.0
4H-Cyclopenta[d...	18.427	97.9	ng/ul	20203400	4	17.369	4126890	20.0
Phenanthrene, 4...	18.451	21.2	ng/ul	4378440	4	17.369	4126890	20.0
Naphthalene, 2-...	18.704	43.0	ng/ul	8877390	4	17.369	4126890	20.0
Phenanthrene, 4...	18.939	14.8	ng/ul	3046380	4	17.369	4126890	20.0
Phenanthrene, 3...	18.992	8.1	ng/ul	1678300	4	17.369	4126890	20.0
3,4-Dimethylphe...	19.027	8.2	ng/ul	1682440	4	17.369	4126890	20.0
Phenanthrene, 2...	19.110	21.4	ng/ul	4414720	4	17.369	4126890	20.0
unknown-02	19.174	13.8	ng/ul	2843690	4	17.369	4126890	20.0
11H-Benzo[b]flu...	20.215	12.1	ng/ul	24505900	5	21.468	40515100	20.0
Fluoranthene, 2...	20.310	9.8	ng/ul	19956800	5	21.468	40515100	20.0
Benz(a)anthrace...	22.904	40.5	ng/ul	3060150	6	23.945	1512410	20.0
5,12-ethanonaph...	23.092	27.4	ng/ul	2070640	6	23.945	1512410	20.0
Dinaphtho[1,2-b...	23.304	25.7	ng/ul	1944100	6	23.945	1512410	20.0
Benzo[e]pyrene	23.374	36.9	ng/ul	2788780	6	23.945	1512410	20.0
13H-Dibenzo[a,h...	24.239	33.7	ng/ul	2545260	6	23.945	1512410	20.0