LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018925.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.687	98	102	108	rBV	77169	108638	0.77%	0.072%
2	3.787	115	119	126	rVB	91496	113593	0.80%	0.075%
3	4.928	309	313	325	rVB	41005	70751	0.50%	0.047%
4	5.463	399	404	413	rVB	37484	80421	0.57%	0.053%
5	5.834	460	467	473	rBV3	44584	92652	0.65%	0.061%
6	7.010	655	667	683	rBV2	428807	940742	6.63%	0.623%
7	7.169	688	694	699	rBV	357811	553323	3.90%	0.366%
8	7.363	721	727	734	rVV	441520	687076	4.84%	0.455%
9	7.475	737	746	752	rBV4	49927	110772	0.78%	0.073%
10	7.828	797	806	820	rBV	730146	1186651	8.36%	0.786%
11	8.369	893	898	905	rBV4	49541	90424	0.64%	0.060%
12	8.545	922	928	935	rBV	467780	748133	5.27%	0.495%
13	8.657	938	947	956	rVV	422532	694018	4.89%	0.459%
14	8.992	998	1004	1011	rBV	373868	609666	4.30%	0.404%
15	9.710	1120	1126	1133	rBV	290755	496836	3.50%	0.329%
16	9.892	1150	1157	1163	rVV	73098	131541	0.93%	0.087%
17	10.075	1183	1188	1193	rVV2	48049	90093	0.63%	0.060%
18	10.251	1212	1218	1228	rVV	476611	790224	5.57%	0.523%
19	10.628	1271	1282	1287	rBV	815925	1419380	10.00%	0.940%
20	10.675	1287	1290	1297	rVB	157918	244181	1.72%	0.162%
21	10.775	1299	1307	1317	rBV	191921	405856	2.86%	0.269%
22	11.169	1367	1374	1382	rBV5	33964	68277	0.48%	0.045%
23	11.992	1502	1514	1520	rBV5	22905	69105	0.49%	0.046%
24	12.133	1531	1538	1544	rVV6	27991	67715	0.48%	0.045%
25	12.286	1559	1564	1573	rVB	106242	177633	1.25%	0.118%
26	12.504	1596	1601	1613	rVB	89576	155203	1.09%	0.103%
27	12.669	1618	1629	1635	rBV9	22735	67790	0.48%	0.045%
28	13.292	1731	1735	1742	rVB2	59641	101013	0.71%	0.067%
29	13.639	1782	1794	1801	rBV2	58518	173714	1.22%	0.115%
30	13.786	1813	1819	1823	rVV	113328	191437	1.35%	0.127%
31	13.839	1823	1828	1830	rVV	69059	95657	0.67%	0.063%
32	13.880	1830	1835	1839	rVV	757459	1038796	7.32%	0.688%
33	14.022	1850	1859	1862	rVV2	72892	138720	0.98%	0.092%
34	14.157	1876	1882	1885	rBV	996264	1548216	10.91%	1.025%
35	14.186	1885	1887	1901	rVV	450169	596139	4.20%	0.395%
36	14.463	1925	1934	1940	rVV	1187594	1806893	12.73%	1.196%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	14.527	1940	1945	1953	rVV	309308	501925	3.54%	0.332%
38	14.616	1954	1960	1964	rVB2	31622	73736	0.52%	0.049%
39	14.680	1964	1971	1979	rBV2	237307	446117	3.14%	0.295%
40	14.769	1980	1986	1991	rVV4	60079	145775	1.03%	0.097%
41	14.863	1997	2002	2010	rVV	254483	434373	3.06%	0.288%
42	14.939	2011	2015	2019	rVB	80035	107470	0.76%	0.071%
43	15.080	2033	2039	2043	rBV3	77205	131852	0.93%	0.087%
44	15.133	2044	2048	2053	rBV2	130487	185340	1.31%	0.123%
45	15.251	2061	2068	2071	rBV3	70516	148715	1.05%	0.098%
46	15.457	2097	2103	2108	rVV	1368492	1955240	13.78%	1.294%
47	15.510	2108	2112	2121	rVB	466268	726540	5.12%	0.481%
48	15.586	2121	2125	2130	rBV2	87938	152676	1.08%	0.101%
49	15.633	2130	2133	2136	rVV	65711	78508	0.55%	0.052%
50	15.674	2136	2140	2144	rVB4	84698	110366	0.78%	0.073%
51	15.722	2144	2148	2152	rBV3	113722	162734	1.15%	0.108%
52	15.804	2158	2162	2169	rBV	140007	204142	1.44%	0.135%
53	15.951	2184	2187	2195	rVB	140017	263181	1.85%	0.174%
54	16.039	2196	2202	2210	rVB2	58377	147895	1.04%	0.098%
55	16.192	2222	2228	2234	rVB6	126166	239732	1.69%	0.159%
56	16.516	2276	2283	2288	rBV3	369511	611583	4.31%	0.405%
57	16.563	2288	2291	2297	rVB2	132121	187683	1.32%	0.124%
58	16.616	2297	2300	2304	rBV5	65928	98012	0.69%	0.065%
59	16.669	2305	2309	2314	rVB2	107654	163466	1.15%	0.108%
60	16.745	2319	2322	2325	rVV2	74967	98932	0.70%	0.065%
61	16.786	2325	2329	2333	rVB3	137065	182058	1.28%	0.121%
62	16.869	2339	2343	2351	rBV3	241780	392731	2.77%	0.260%
63	16.945	2352	2356	2357	rBV	106162	124234	0.88%	0.082%
64	17.033	2366	2371	2379	rVB	357542	560608	3.95%	0.371%
65	17.216	2396	2402	2405	rBV	1568087	2344610	16.52%	1.552%
66	17.257	2405	2409	2414	rVV	5613636	7836024	55.21%	5.188%
67	17.316	2414	2419	2421	rVV	1636999	2260744	15.93%	1.497%
68	17.345	2421	2424	2430	rVV	1592516	2277656	16.05%	1.508%
69	17.404	2430	2434	2440	rVV2	223942	400639	2.82%	0.265%
70	17.621	2467	2471	2476	rBV	457098	601271	4.24%	0.398%
71	17.733	2488	2490	2494	rVB	197455	221808	1.56%	0.147%
72	17.792	2497	2500	2509	rVB3	259007	398709	2.81%	0.264%
73	18.086	2545	2550	2552	rBV	1094709	1637244	11.54%	1.084%
74	18.133	2552	2558	2563	rVV2	1576080	3272103	23.06%	2.166%
75	18.210	2567	2571	2576	rVV	594172	868368	6.12%	0.575%
76	18.274	2576	2582	2585	rVV2	1746199	3067712	21.62%	2.031%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

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-BP120123.MA.M
Title : SVOA CALIBRATION

77	18.310	2585	2588	2596	rVB	890890	1198014	8.44%	0.793%
78	18.568	2628	2632	2636	rBV	812149	998970	7.04%	0.661%
79	18.610	2636	2639	2644	rVB2	580477	750799	5.29%	0.497%
80	18.804	2670	2672	2676	rVB	275511	310573	2.19%	0.206%
81	18.857	2678	2681	2684	rBV	281856	300976	2.12%	0.199%
82	18.974	2696	2701	2705	rBV	894377	1546403	10.90%	1.024%
83	19.110	2721	2724	2732	rVB3	519611	922523	6.50%	0.611%
84	19.233	2739	2745	2750	rBV	10644894	14192274	100.00%	9.395%
85	19.321	2757	2760	2762	rBV2	646818	660779	4.66%	0.437%
86	19.468	2782	2785	2788	rBV	394795	444733	3.13%	0.294%
87	19.557	2795	2800	2802	rBV3	3715144	5688314	40.08%	3.766%
88	19.586	2802	2805	2812	rVB	9921902	12831906	90.41%	8.495%
89	19.651	2813	2816	2819	rBV2	551114	788489	5.56%	0.522%
90	19.692	2819	2823	2827	rVB	3640114	4295048	30.26%	2.843%
91	19.792	2836	2840	2844	rBV	2270189	2741394	19.32%	1.815%
92	20.062	2883	2886	2892	rVB	1820867	2800803	19.73%	1.854%
93	20.186	2900	2907	2911	rBV2	6238808	8947114	63.04%	5.923%
94	20.357	2934	2936	2940	rBV	614846	638458	4.50%	0.423%
95	20.998	3043	3045	3048	rBV	908382	893669	6.30%	0.592%
96	21.298	3092	3096	3101	rBV3	6490243	11579119	81.59%	7.665%
97	21.351	3102	3105	3114	rVB	5662666	7547771	53.18%	4.997%
98	22.968	3375	3380	3385	rBV	4294723	9795029	69.02%	6.484%
99	23.486	3464	3468	3473	rVB	2145523	3412760	24.05%	2.259%
100	23.592	3481	3486	3492	rVB	4173301	7985569	56.27%	5.287%

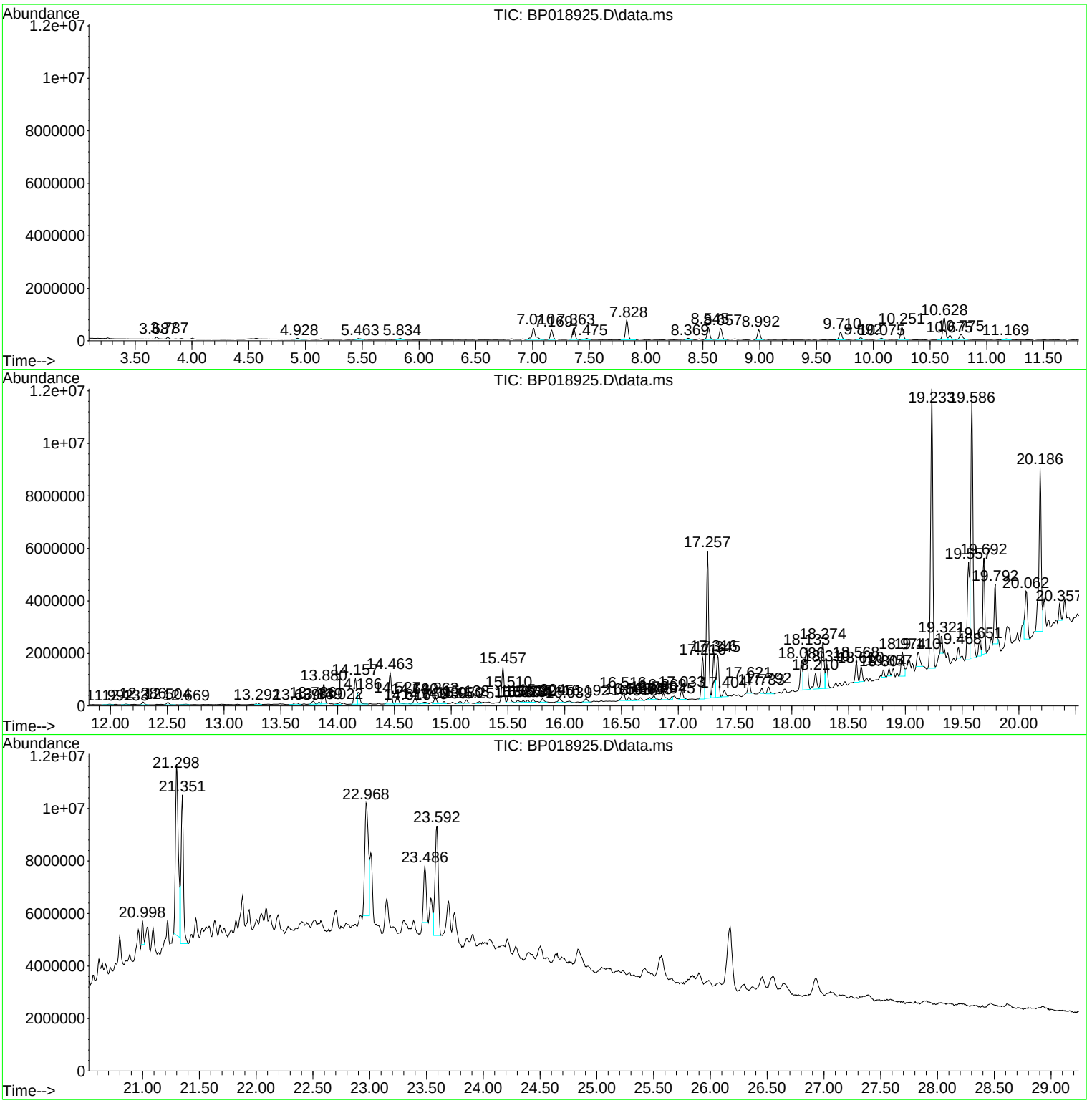
Sum of corrected areas: 151055278

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

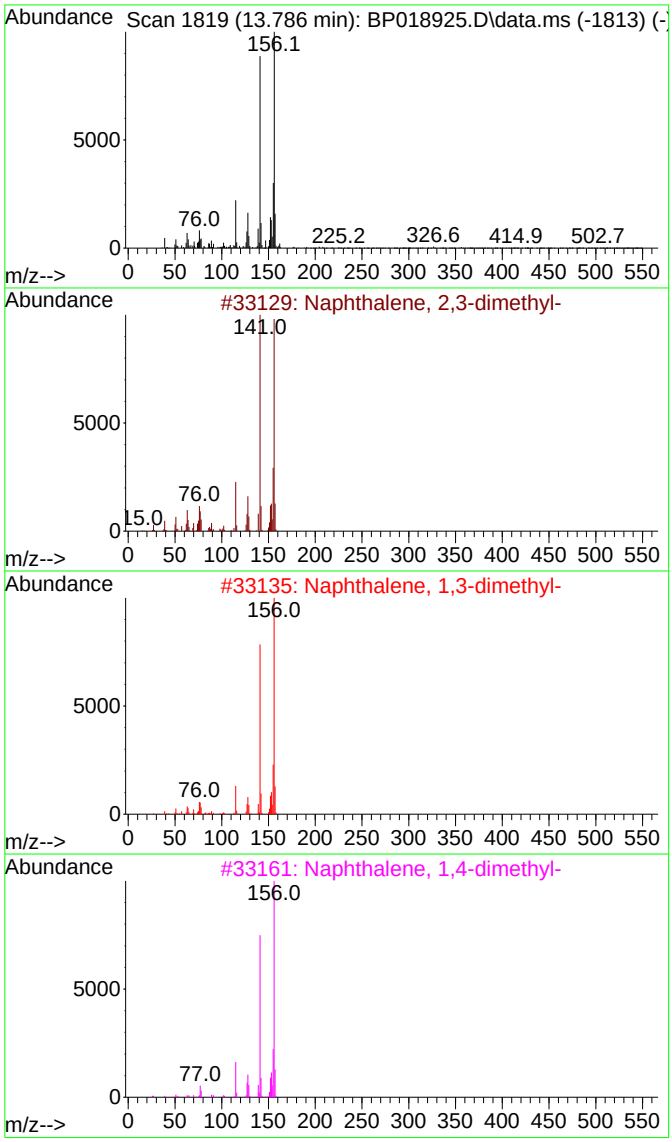
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

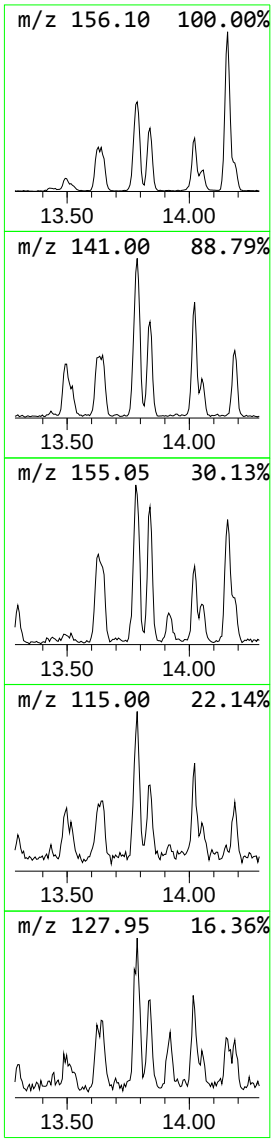
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	2.12 ng/ul	191437	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

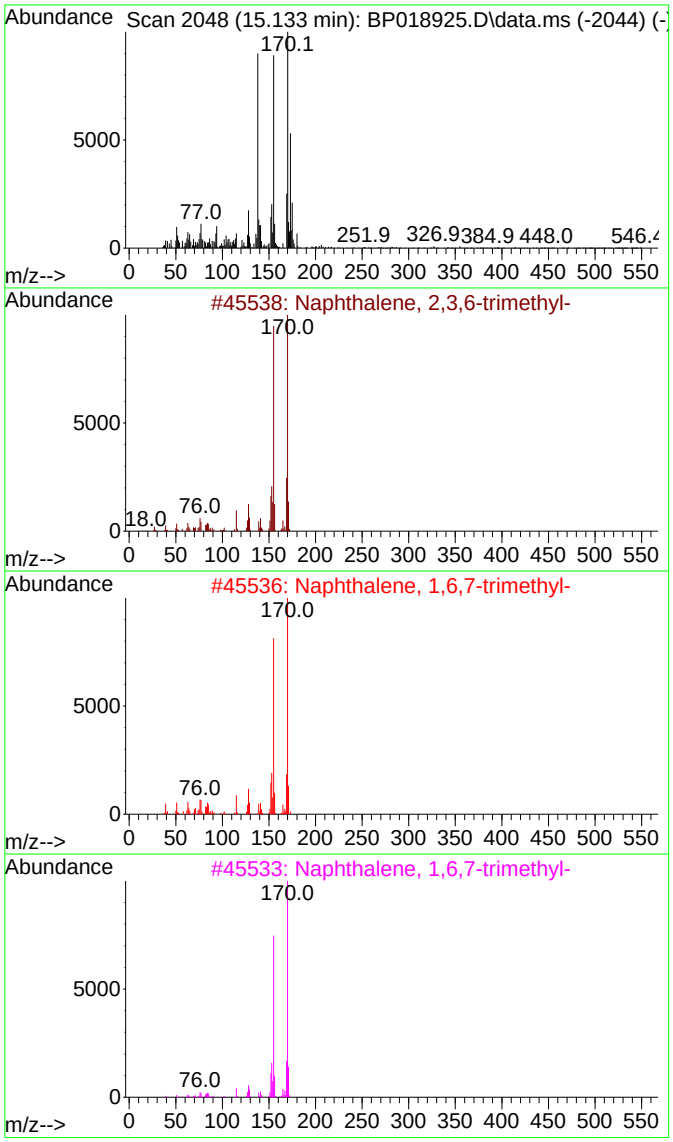
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

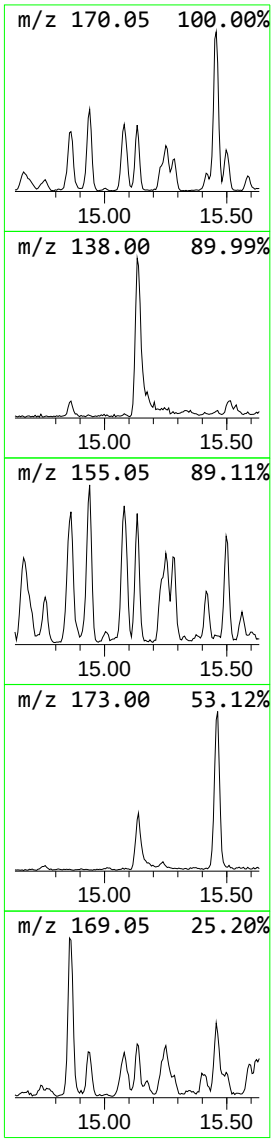
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	2.05 ng/ul	185340	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
4	2H-imidazole-2-thione, 5-(1,1-di...	170	C8H14N2S	1010404-59-0	55
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

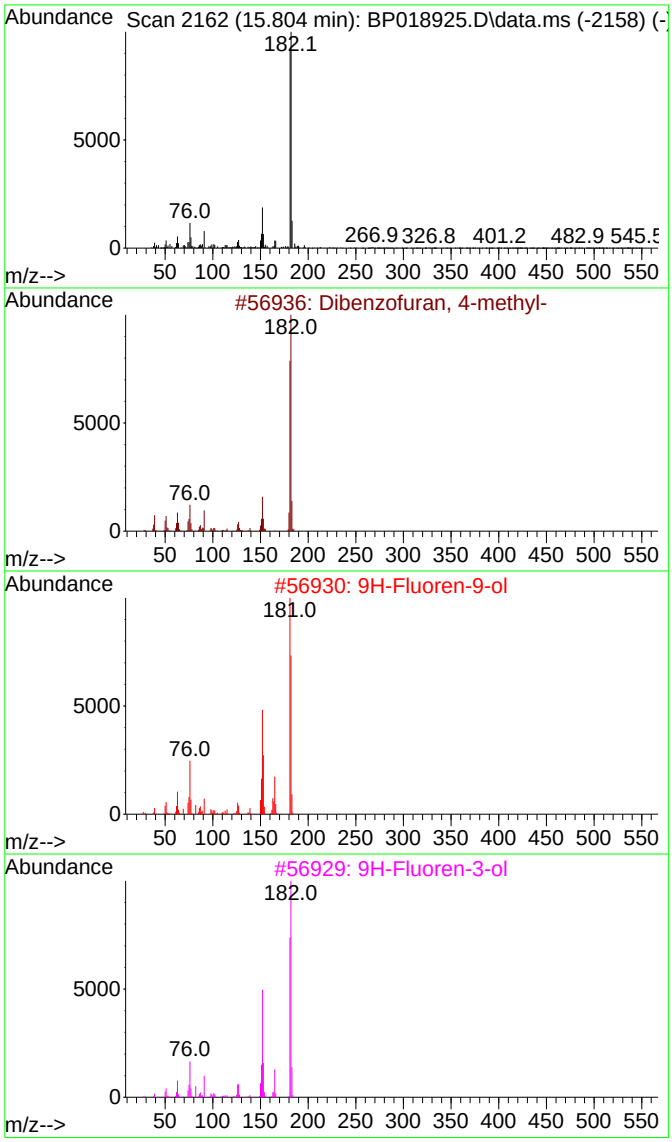
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

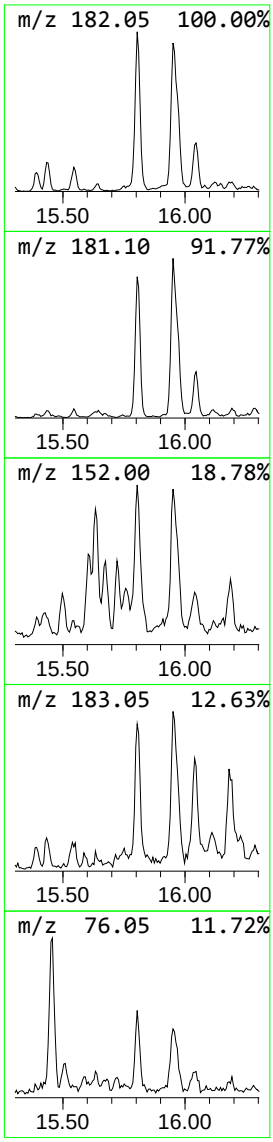
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	2.26 ng/ul	204142	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

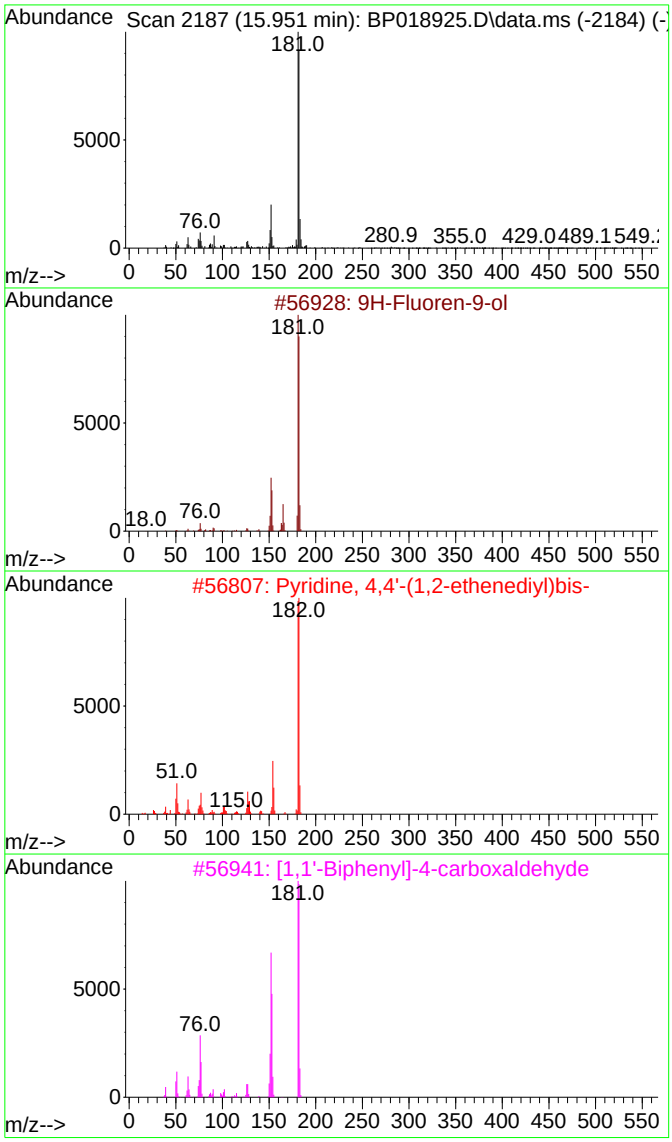
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

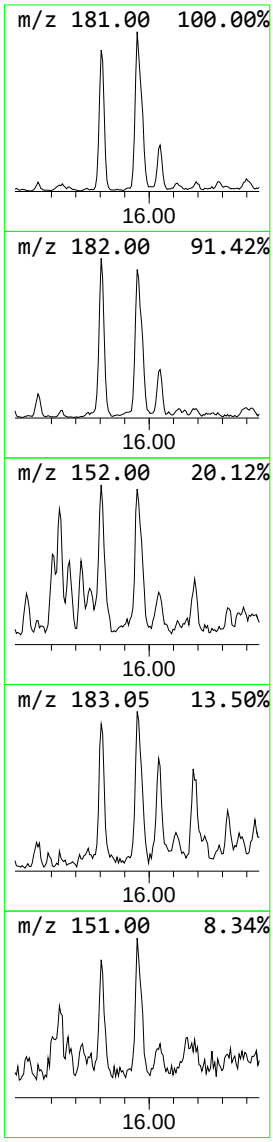
****

Peak Number 4 9H-Fluoren-9-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	2.24 ng/ul	263181	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	{2-Ethylimidazo[2,1-b][1,3,4]thi...	182	C7H10N4S	1000459-66-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

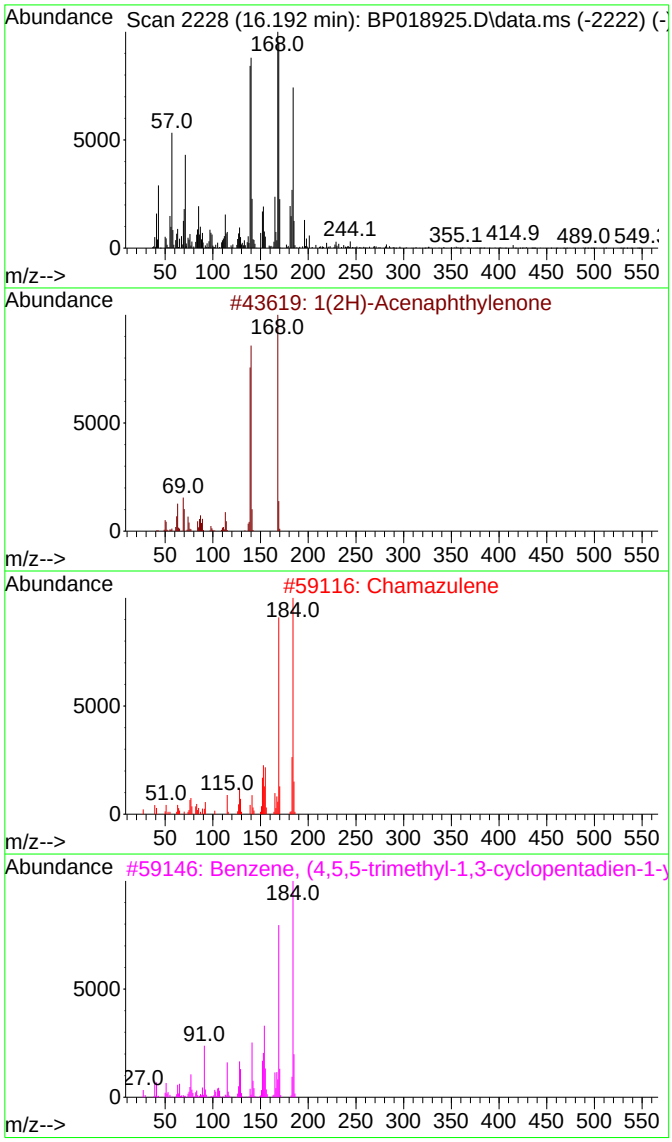
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

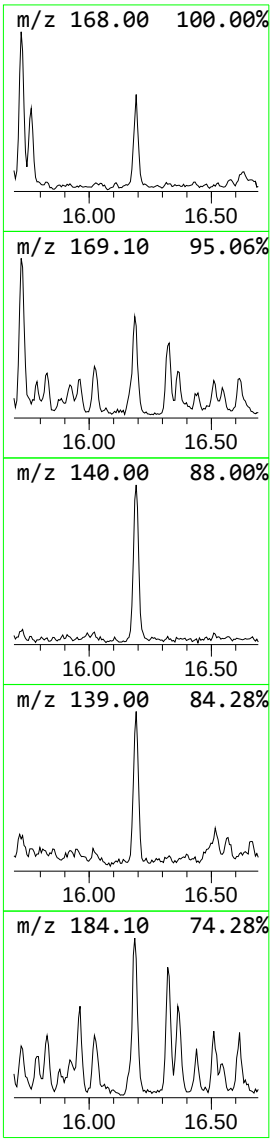
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1(2H)-Acenaphthylenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.192	2.04 ng/ul	239732	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	64
2	Chamazulene	184	C14H16	000529-05-5	38
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	38
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	38
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

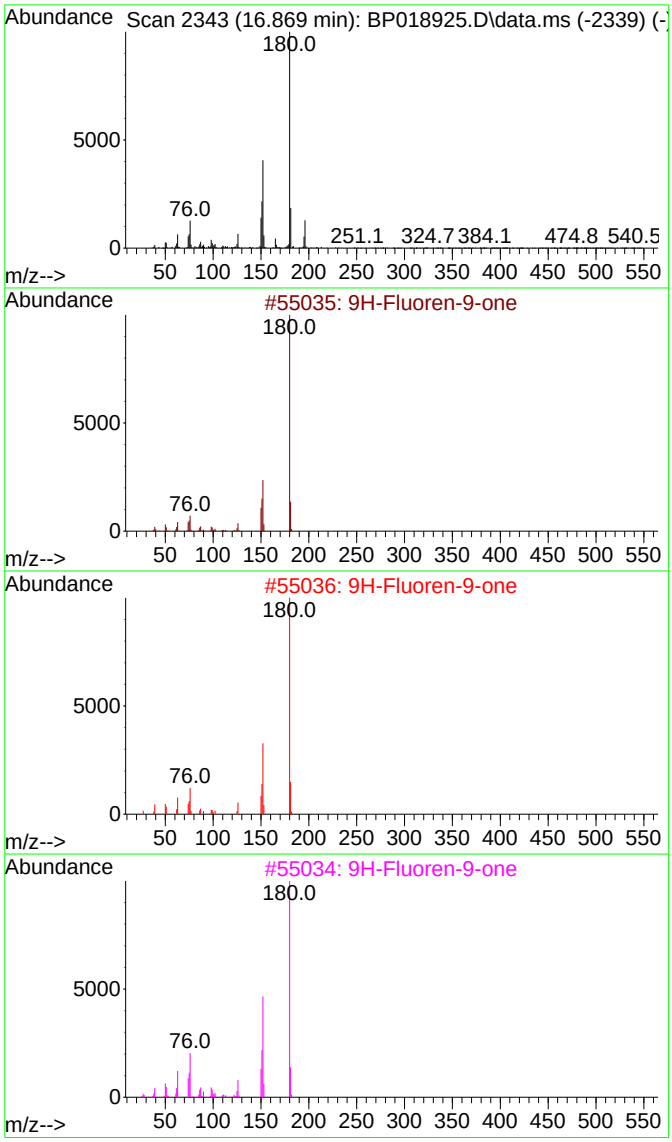
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

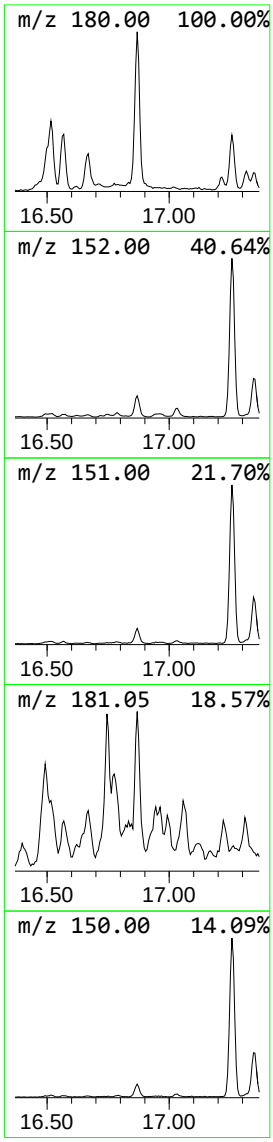
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.869	3.35 ng/ul	392731	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

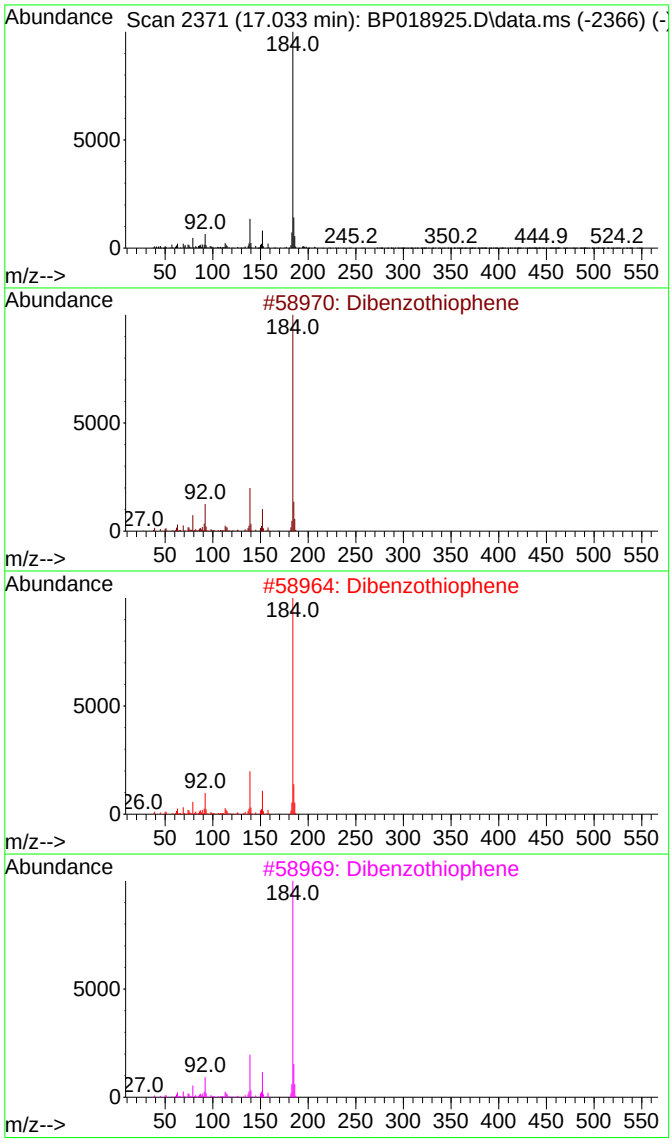
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

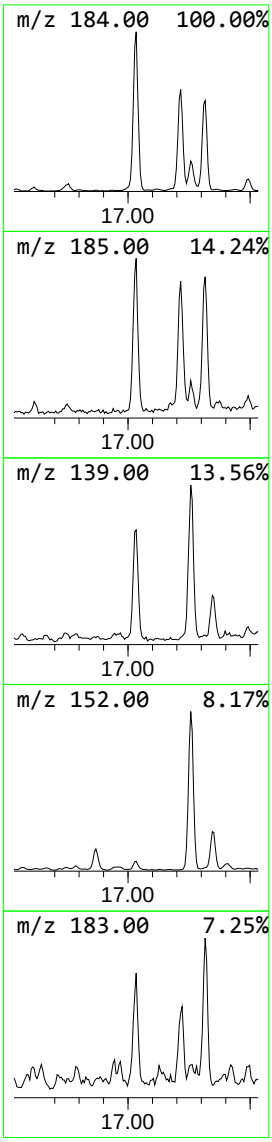
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.033	4.78 ng/ul	560608	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

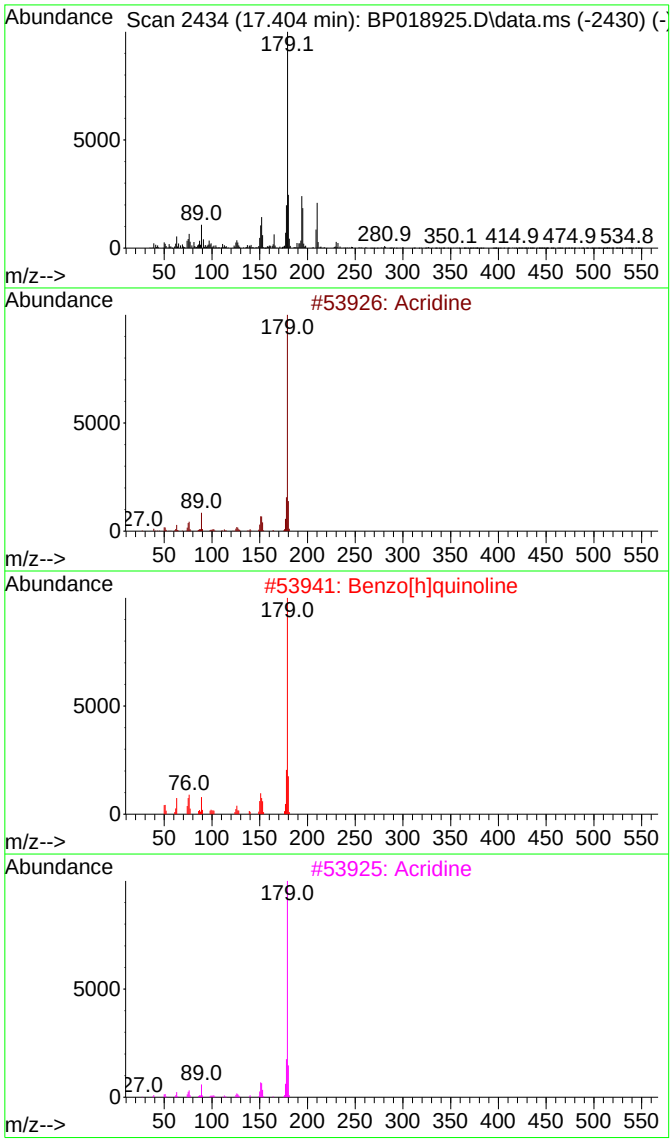
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

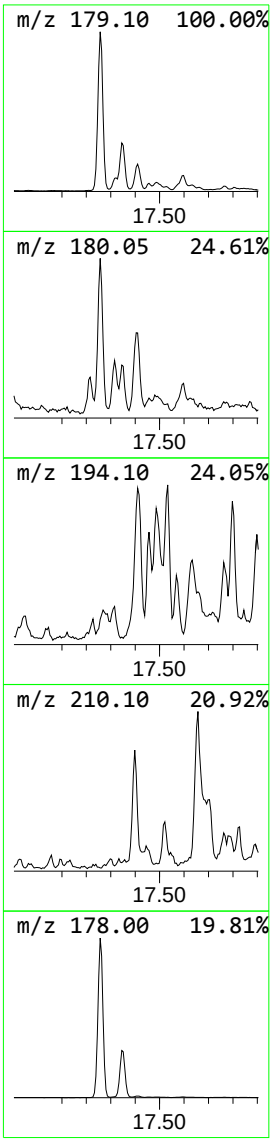
****

Peak Number 8 Acridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	3.42 ng/ul	400639	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	92
3	Acridine	179	C13H9N	000260-94-6	86
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	70
5	Phenanthridine	179	C13H9N	000229-87-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

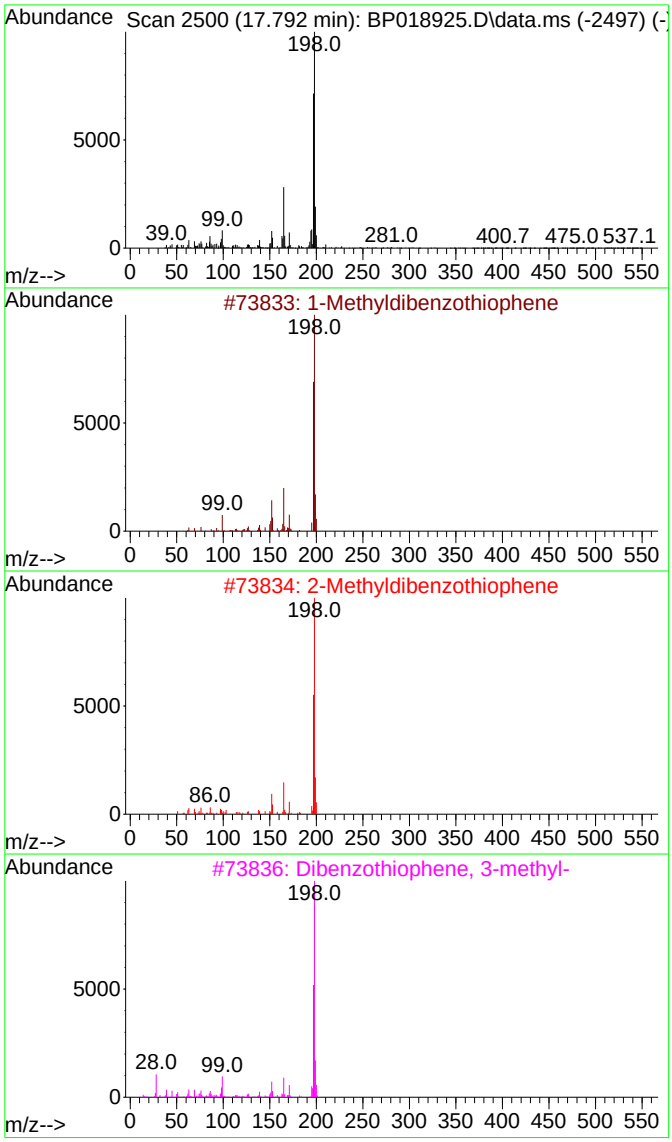
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

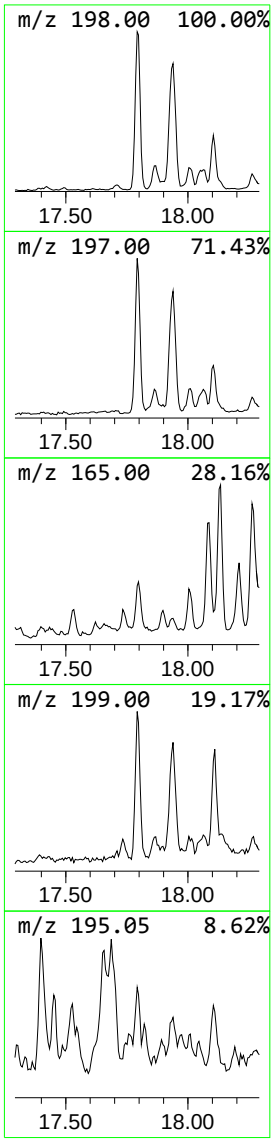
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Methyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	3.40 ng/ul	398709	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

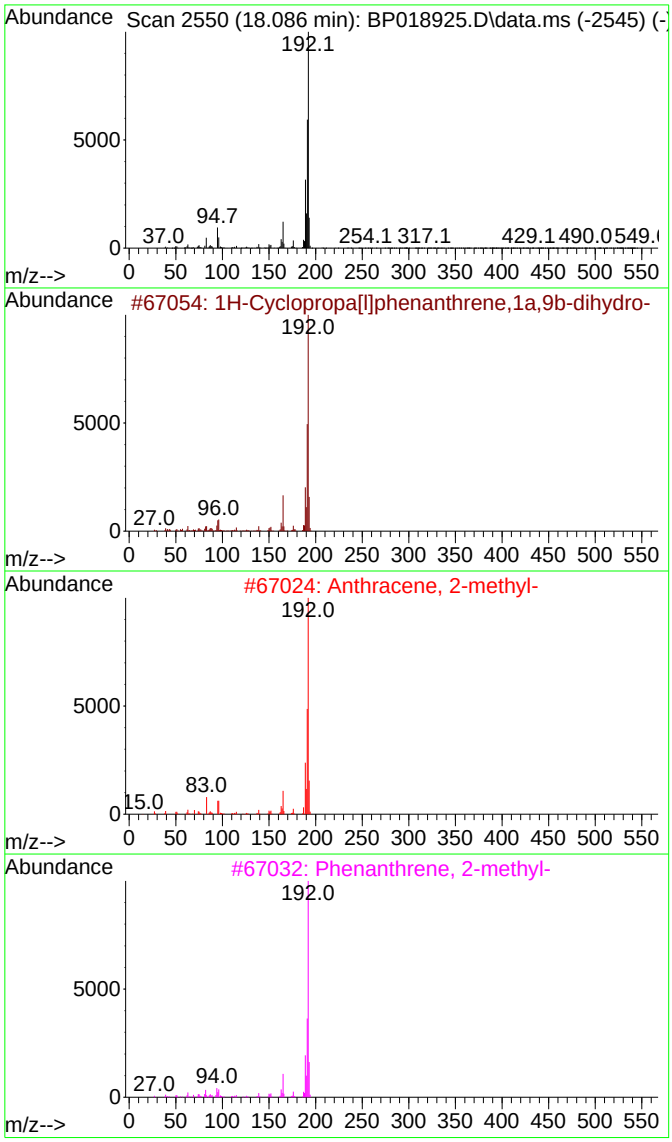
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

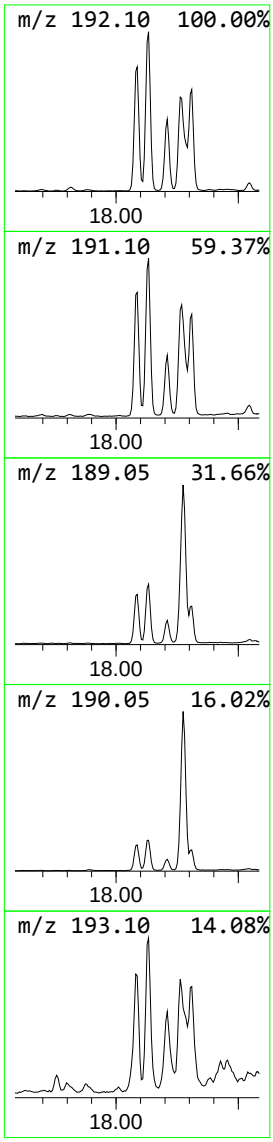
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	13.97 ng/ul	1637240	Phenanthrene-d10	17.215

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

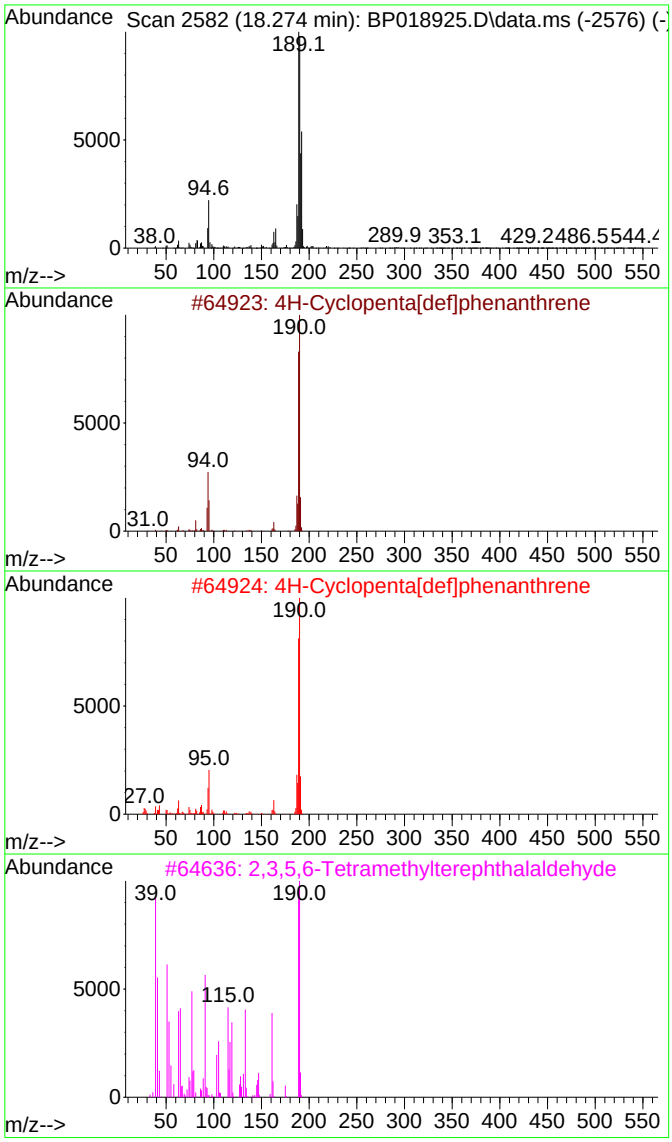
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

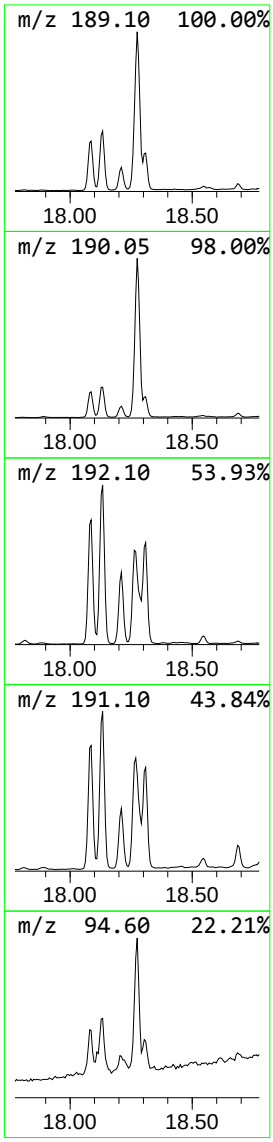
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	26.17 ng/ul	3067710	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

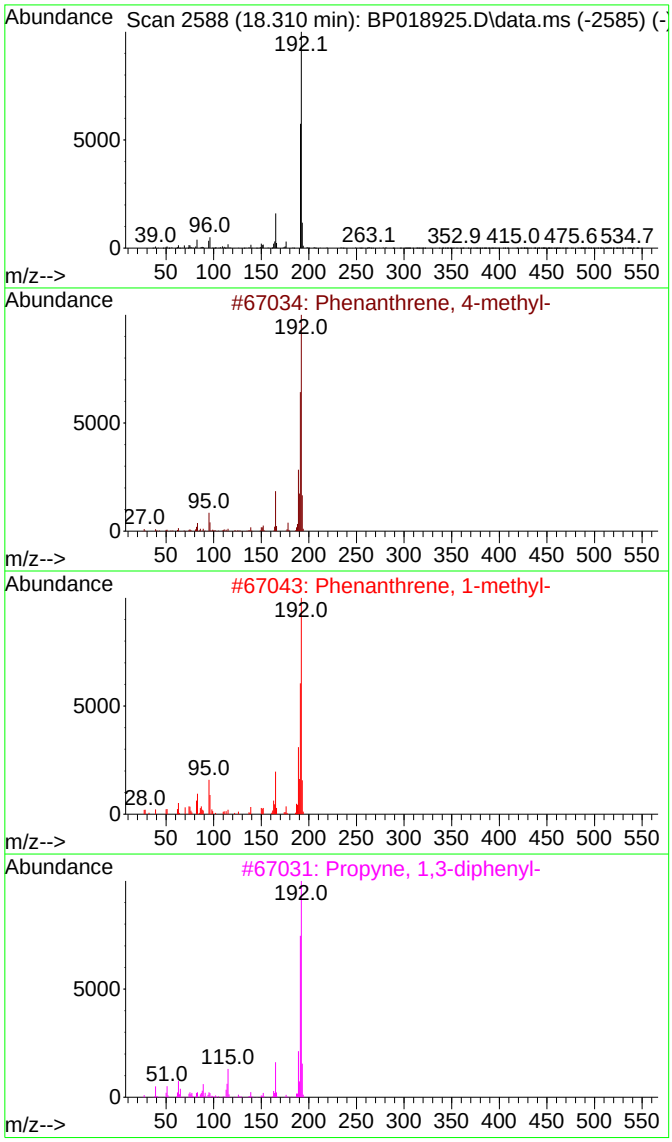
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

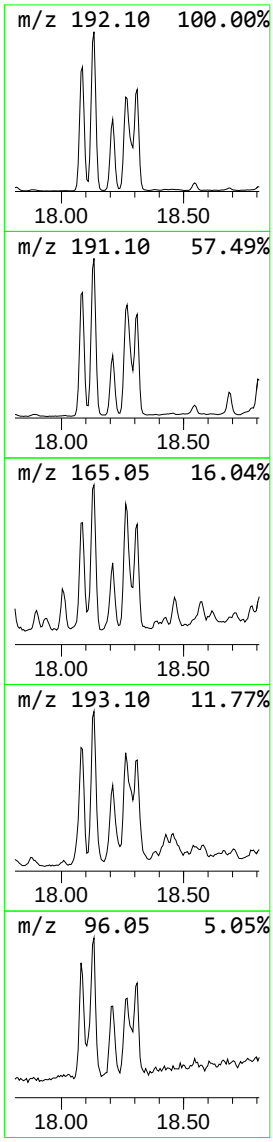
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	10.22 ng/ul	1198010	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

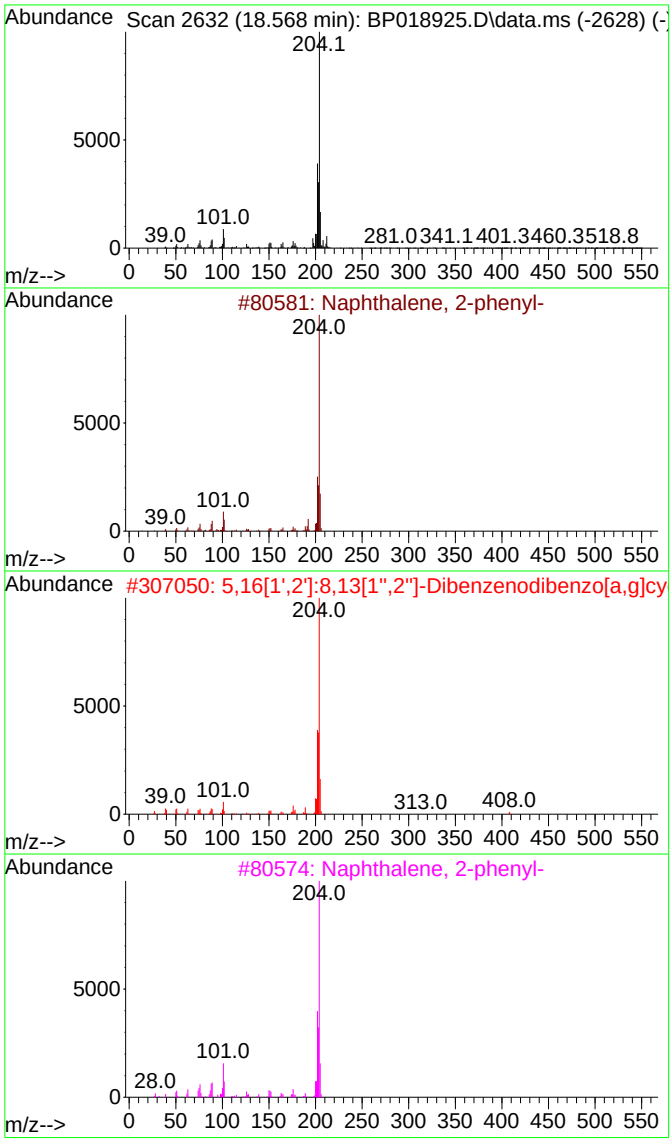
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

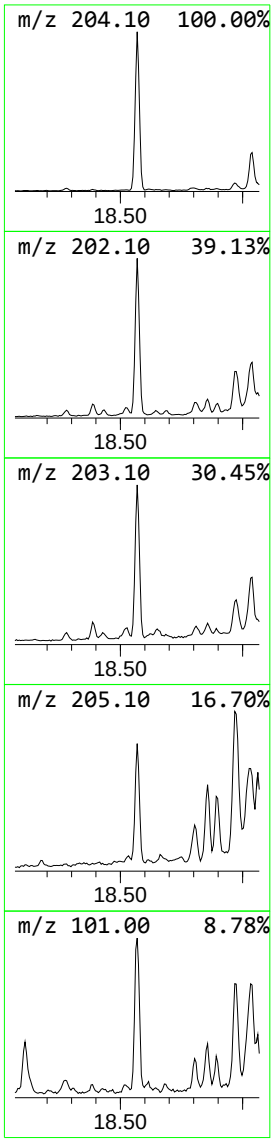
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.568	8.52 ng/ul	998970	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

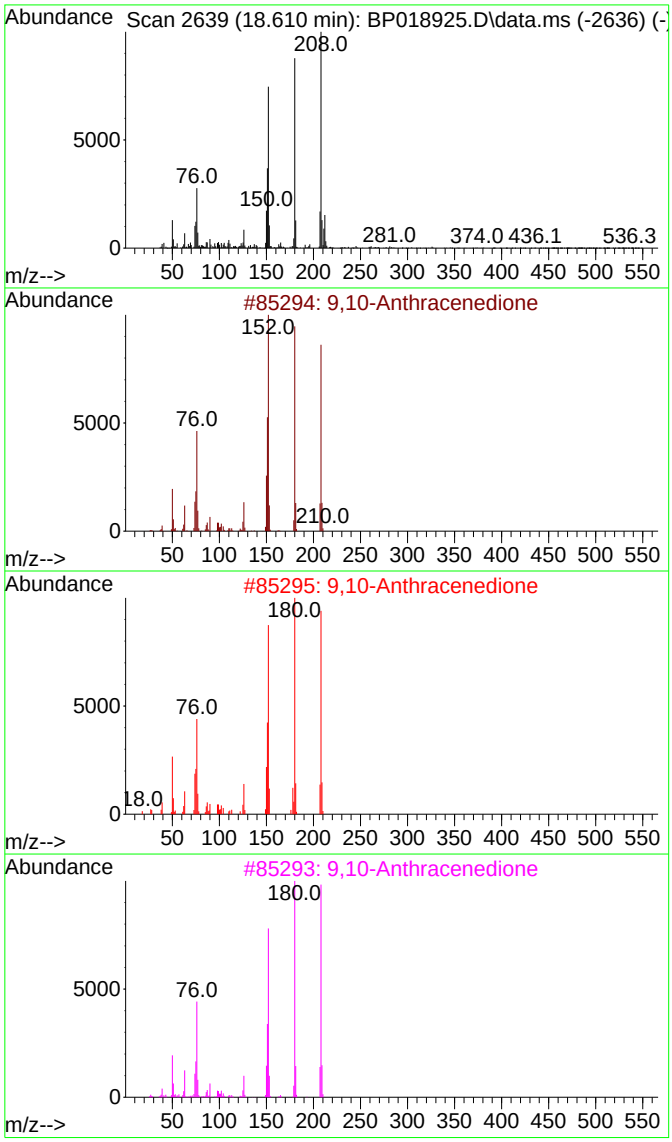
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

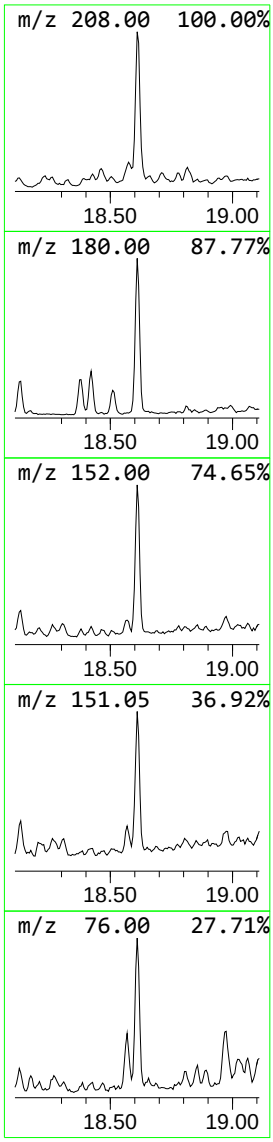
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	6.40 ng/ul	750799	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

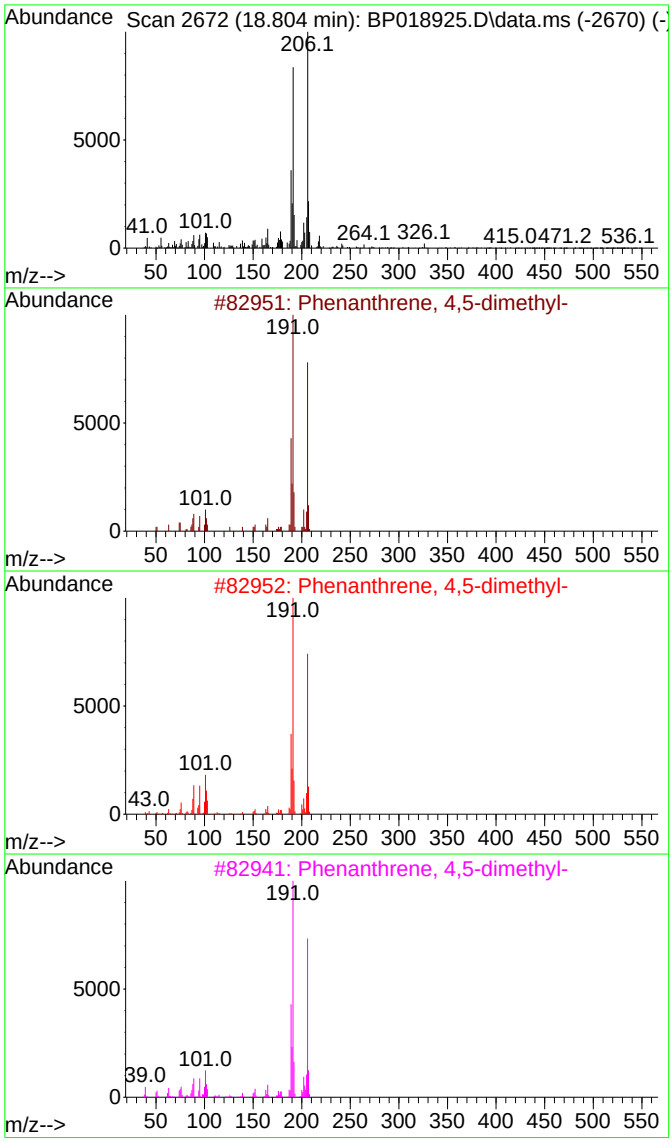
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

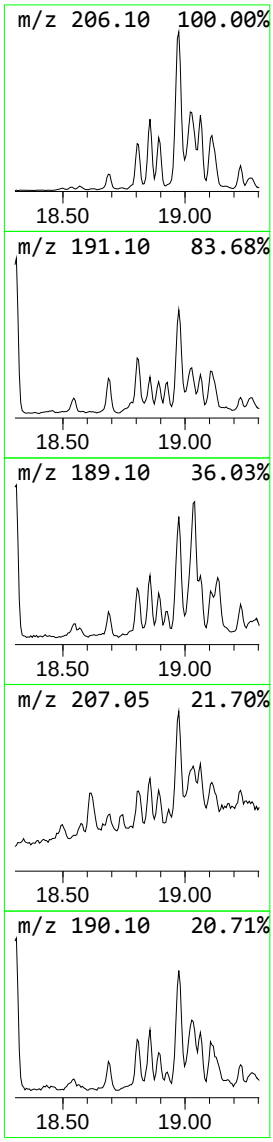
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 4,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	2.65 ng/ul	310573	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

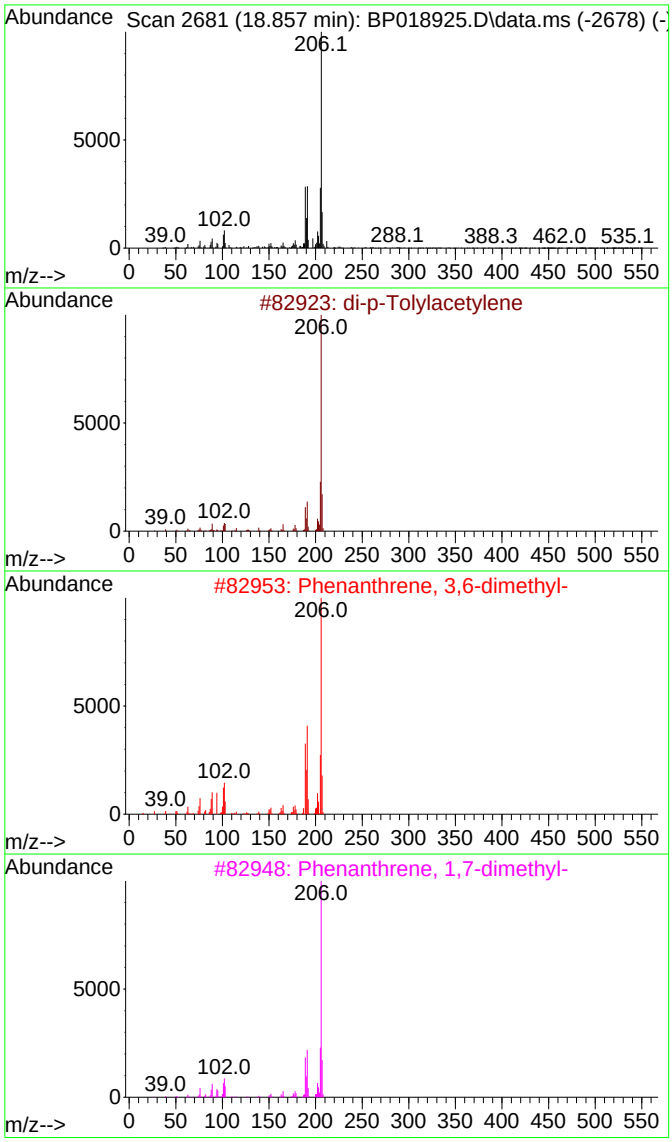
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

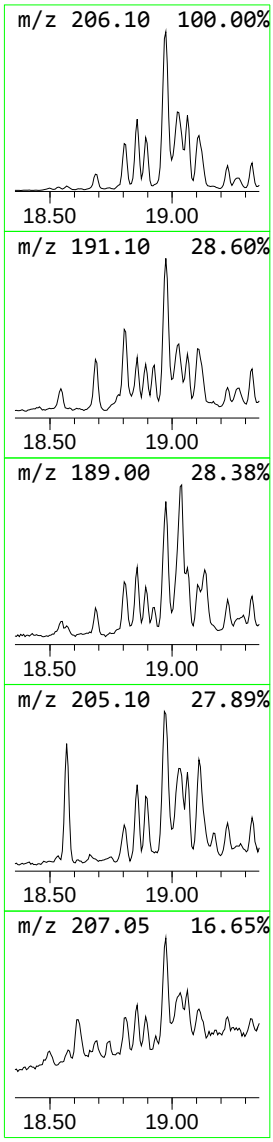
****

Peak Number 16 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	2.57 ng/ul	300976	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

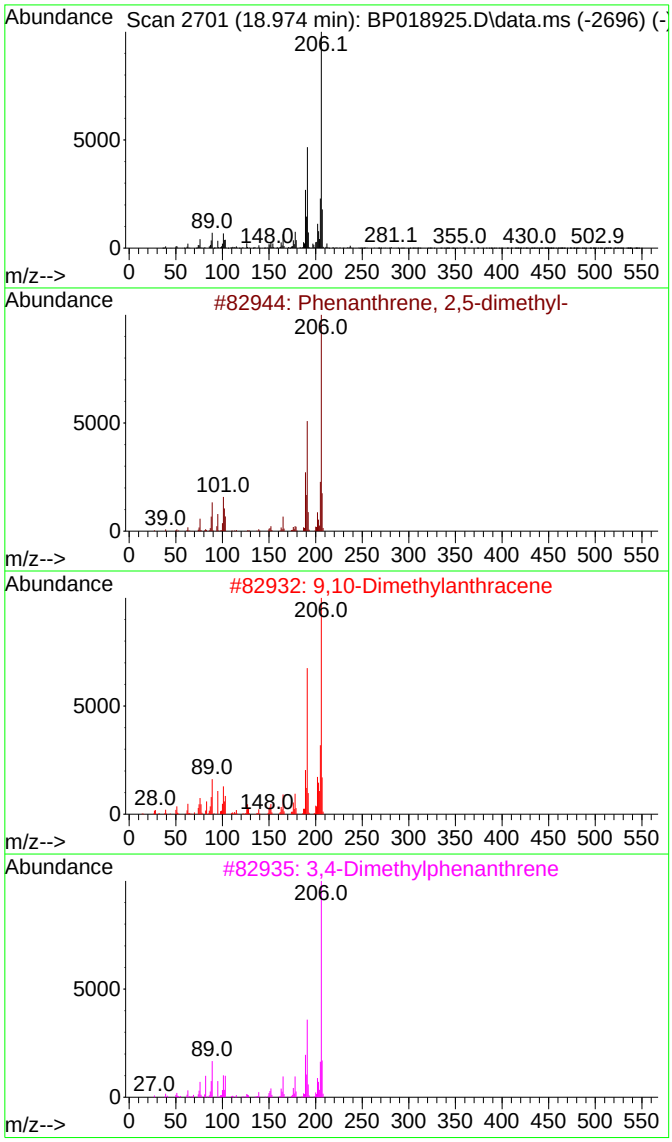
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

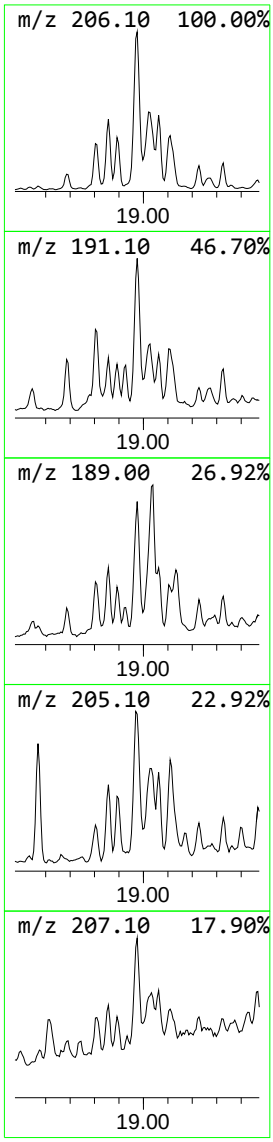
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	13.19 ng/ul	1546400	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

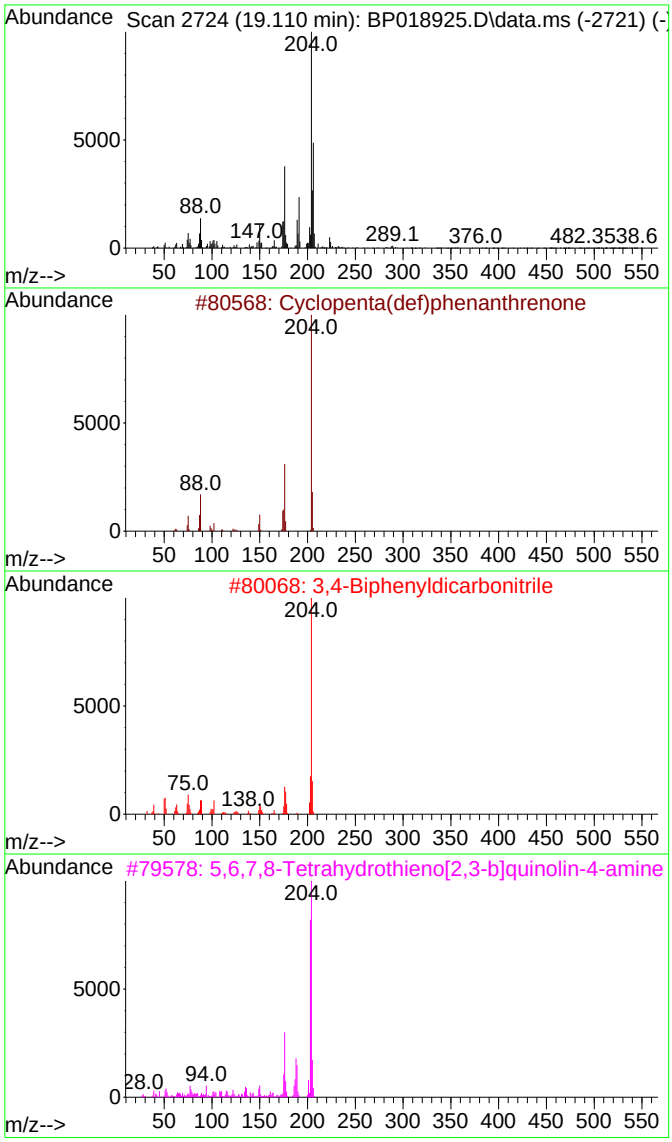
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

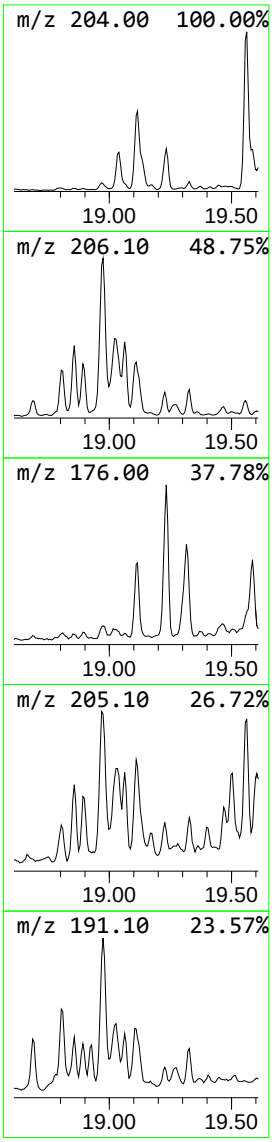
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	7.87 ng/ul	922523	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

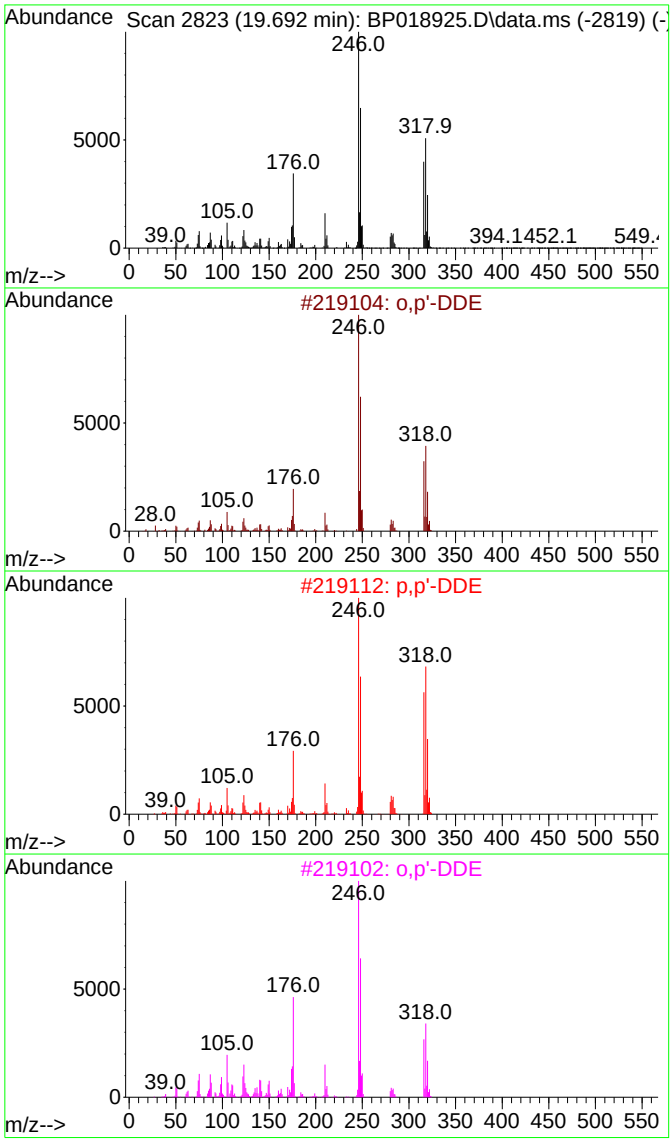
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

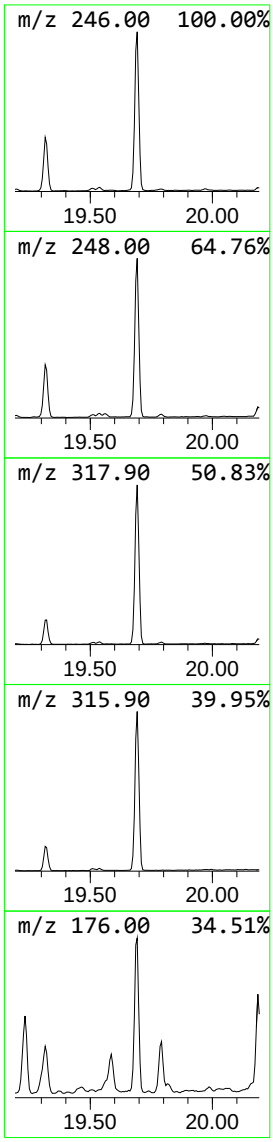
****

Peak Number 19 o,p'-DDE Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.692	7.42 ng/ul	4295050	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDE	316	C14H8Cl4	003424-82-6	99
2	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
3	o,p'-DDE	316	C14H8Cl4	003424-82-6	99
4	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
5	p,p'-DDE	316	C14H8Cl4	000072-55-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

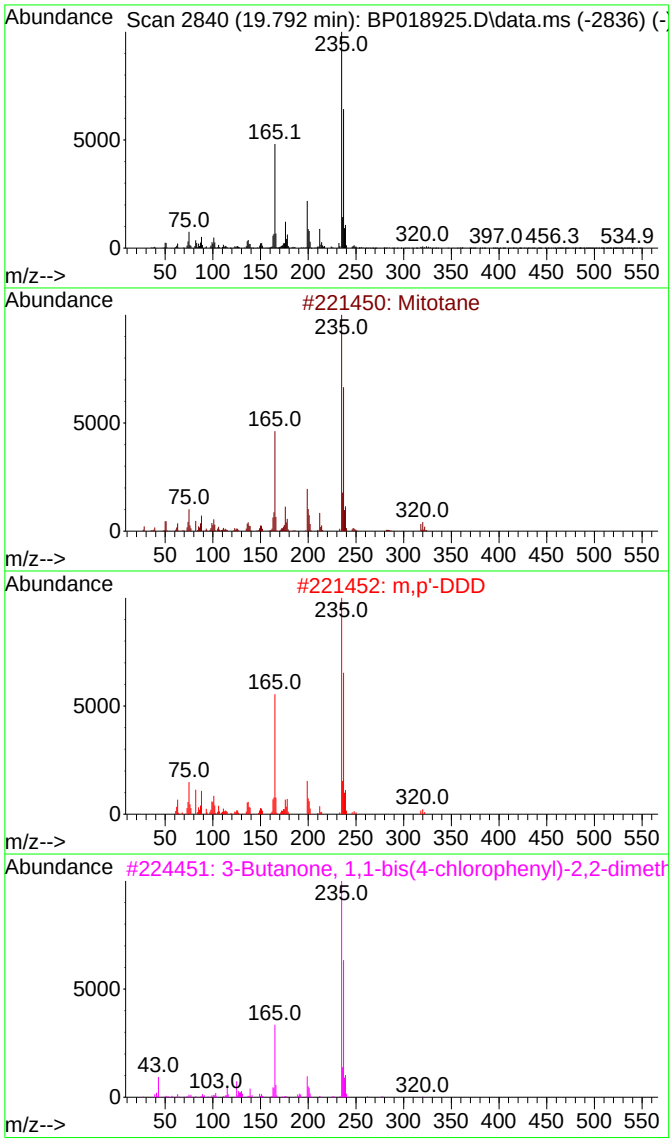
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

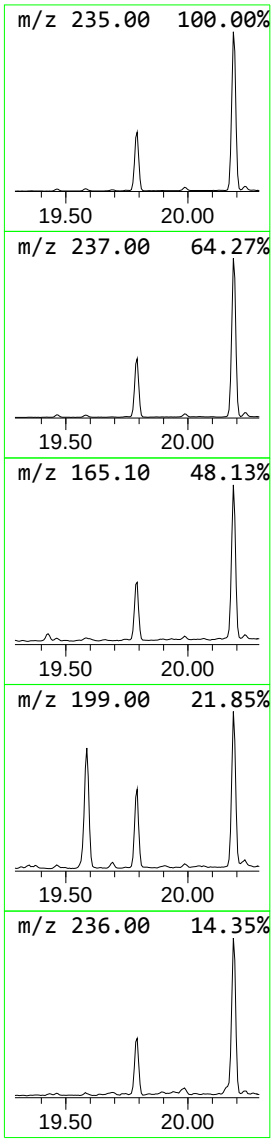
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Mitotane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.792	4.74 ng/ul	2741390	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	99
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	93
3	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	83
4	p,p'-DDT	352	C14H9Cl5	000050-29-3	83
5	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

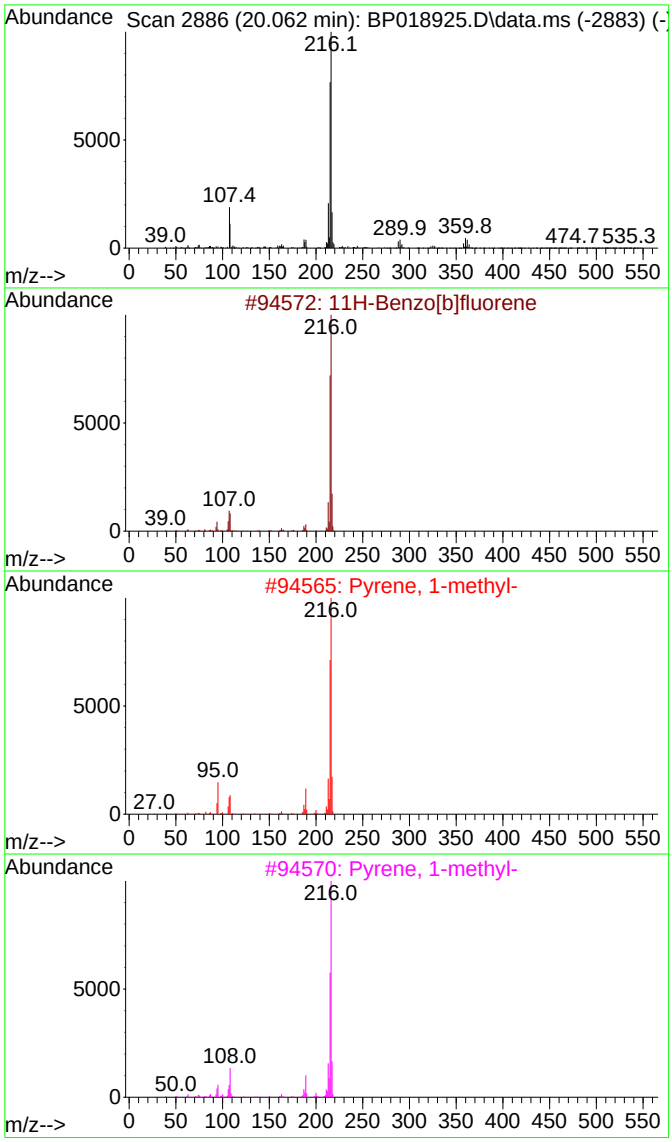
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

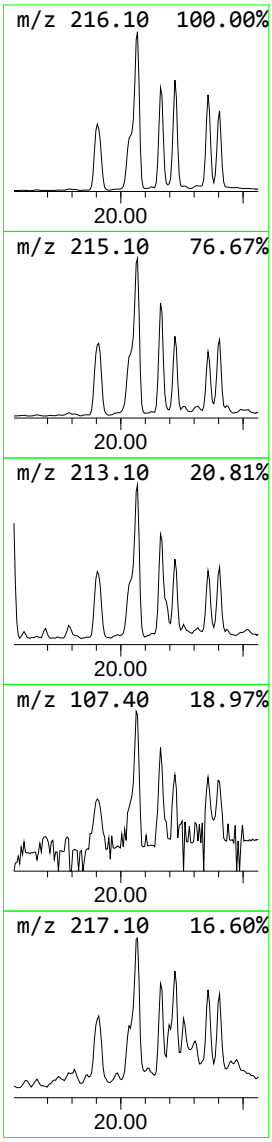
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	4.84 ng/ul	2800800	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

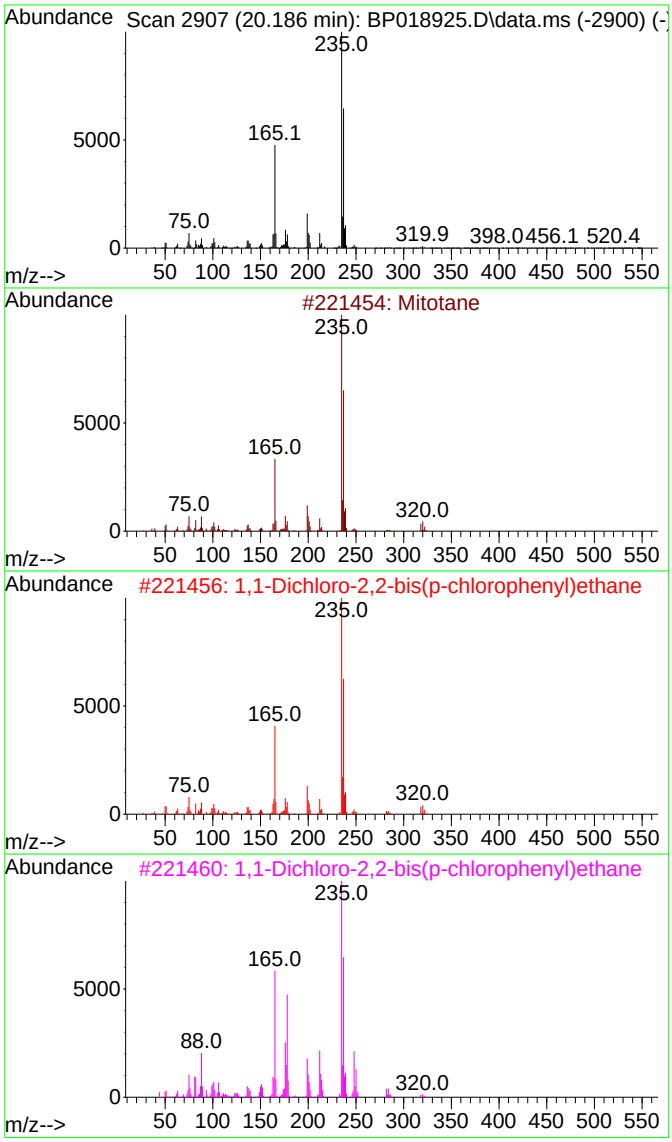
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

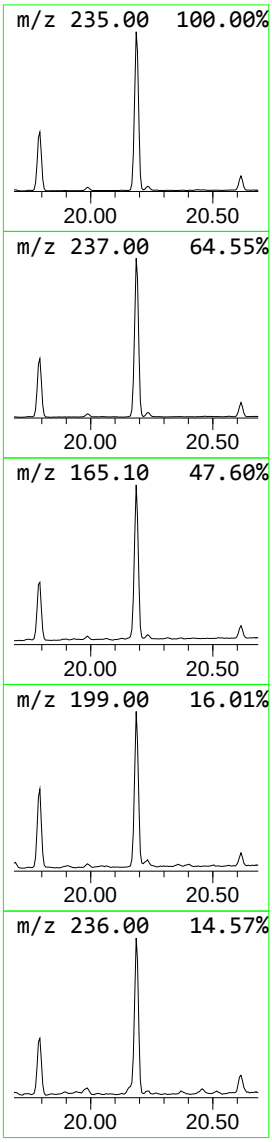
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	15.45 ng/ul	8947110	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	98
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	95
3	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	94
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	93
5	Mitotane	318	C14H10Cl4	000053-19-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

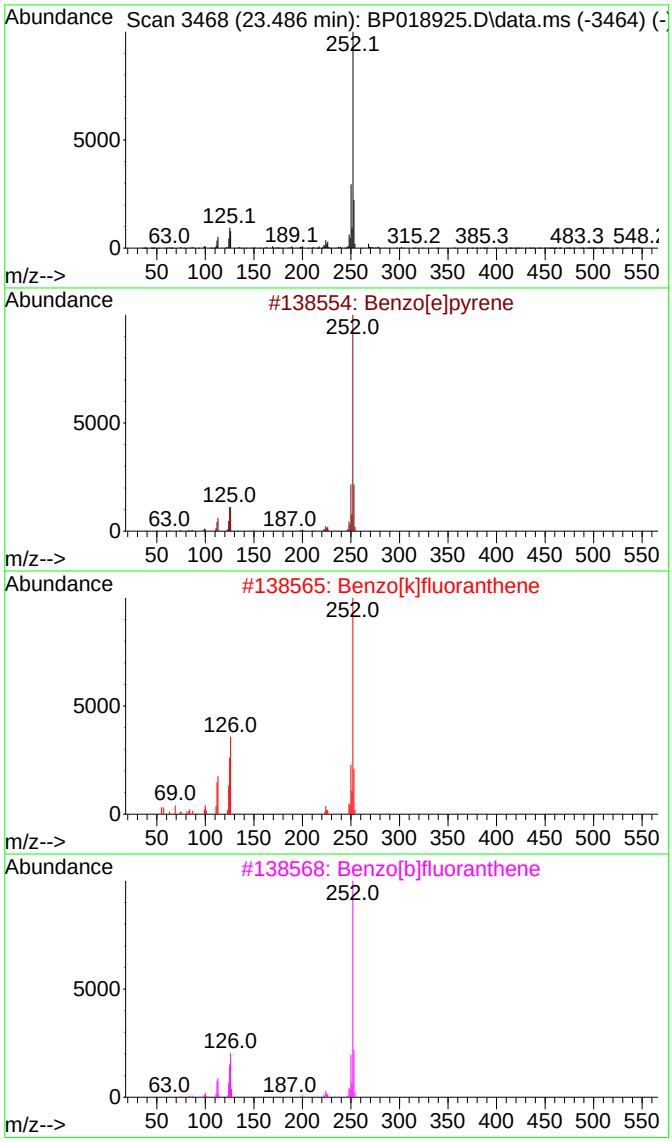
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

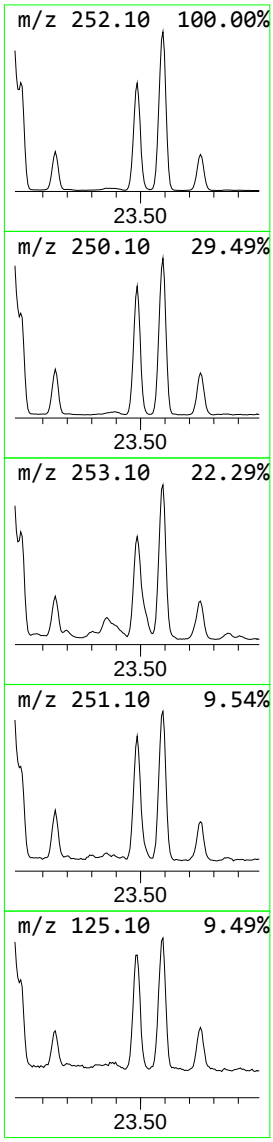
****

Peak Number 23 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.486	8.55 ng/ul	3412760	Perylene-d12	23.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018925.D
Acq On : 19 Dec 2023 01:32
Operator : MA/JU
Sample : 05794-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
Naphthalene, 2,...	13.786	2.1	ng/ul	191437	3	14.463	1806890	20.0
Naphthalene, 2,...	15.133	2.0	ng/ul	185340	3	14.463	1806890	20.0
Dibenzofuran, 4...	15.804	2.3	ng/ul	204142	3	14.463	1806890	20.0
9H-Fluoren-9-ol	15.951	2.2	ng/ul	263181	4	17.215	2344610	20.0
1(2H)-Acenaphth...	16.192	2.0	ng/ul	239732	4	17.215	2344610	20.0
9H-Fluoren-9-one	16.869	3.4	ng/ul	392731	4	17.215	2344610	20.0
Dibenzothiophene	17.033	4.8	ng/ul	560608	4	17.215	2344610	20.0
Acridine	17.404	3.4	ng/ul	400639	4	17.215	2344610	20.0
1-Methyldibenzo...	17.792	3.4	ng/ul	398709	4	17.215	2344610	20.0
1H-Cyclopropa[l...	18.086	14.0	ng/ul	1637240	4	17.215	2344610	20.0
4H-Cyclopenta[d...	18.274	26.2	ng/ul	3067710	4	17.215	2344610	20.0
Phenanthrene, 4...	18.310	10.2	ng/ul	1198010	4	17.215	2344610	20.0
Naphthalene, 2-...	18.568	8.5	ng/ul	998970	4	17.215	2344610	20.0
9,10-Anthracene...	18.610	6.4	ng/ul	750799	4	17.215	2344610	20.0
Phenanthrene, 4...	18.804	2.6	ng/ul	310573	4	17.215	2344610	20.0
di-p-Tolylacety...	18.857	2.6	ng/ul	300976	4	17.215	2344610	20.0
Phenanthrene, 2...	18.974	13.2	ng/ul	1546400	4	17.215	2344610	20.0
Cyclopenta(def)...	19.110	7.9	ng/ul	922523	4	17.215	2344610	20.0
o,p'-DDE	19.692	7.4	ng/ul	4295050	5	21.315	11579100	20.0
Mitotane	19.792	4.7	ng/ul	2741390	5	21.315	11579100	20.0
11H-Benzo[b]flu...	20.063	4.8	ng/ul	2800800	5	21.315	11579100	20.0
1,1-Dichloro-2,...	20.186	15.4	ng/ul	8947110	5	21.315	11579100	20.0
Benzo[e]pyrene	23.486	8.6	ng/ul	3412760	6	23.692	7985570	20.0