LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

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_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

Signal : TIC: BM037887.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.239	649	655	667	rBV	95764	166141	1.45%	0.180%
2	7.410	678	684	693	rBV	74253	121436	1.06%	0.132%
3	7.616	712	719	725	rBV	92898	145839	1.28%	0.158%
4	8.086	792	799	807	rBV	1192582	1835952	16.06%	1.991%
5	8.633	886	892	898	rBV	56350	105352	0.92%	0.114%
6	8.798	915	920	928	rVV2	106277	172924	1.51%	0.188%
7	9.263	993	999	1005	rBV	83422	144972	1.27%	0.157%
8	9.986	1115	1122	1131	rVB	63271	111441	0.97%	0.121%
9	10.527	1206	1214	1222	rVB2	101988	175259	1.53%	0.190%
10	10.910	1271	1279	1284	rBV	1588763	2642659	23.11%	2.865%
11	10.957	1284	1287	1296	rVV	303422	497977	4.36%	0.540%
12	11.045	1296	1302	1315	rVV2	96762	209778	1.83%	0.227%
13	11.751	1416	1422	1429	rBV	54029	99308	0.87%	0.108%
14	12.557	1553	1559	1566	rBV	228075	348498	3.05%	0.378%
15	12.680	1572	1580	1587	rBV4	19722	45533	0.40%	0.049%
16	12.774	1590	1596	1605	rVB	125041	204935	1.79%	0.222%
17	13.280	1673	1682	1691	rBV7	14978	46417	0.41%	0.050%
18	13.557	1722	1729	1734	rBV	113331	179209	1.57%	0.194%
19	13.751	1757	1762	1769	rVB	27446	52619	0.46%	0.057%
20	13.874	1774	1783	1784	rBV2	43367	50860	0.44%	0.055%
21	14.039	1804	1811	1816	rBV2	73650	133027	1.16%	0.144%
22	14.092	1816	1820	1822	rVV2	51271	75355	0.66%	0.082%
23	14.121	1822	1825	1830	rVV	177308	236498	2.07%	0.256%
24	14.274	1847	1851	1854	rVV	31515	46509	0.41%	0.050%
25	14.410	1868	1874	1877	rBV2	210414	344792	3.02%	0.374%
26	14.439	1877	1879	1890	rVB	240471	365891	3.20%	0.397%
27	14.592	1901	1905	1910	rVB	41044	51558	0.45%	0.056%
28	14.715	1915	1926	1932	rBV	2110825	3222895	28.19%	3.495%
29	14.780	1932	1937	1944	rVV	306258	482123	4.22%	0.523%
30	14.845	1944	1948	1955	rVV	62914	103312	0.90%	0.112%
31	14.915	1955	1960	1968	rVB6	45173	93123	0.81%	0.101%
32	15.004	1968	1975	1982	rBV8	17765	57564	0.50%	0.062%
33	15.110	1987	1993	2003	rBV	812903	1249020	10.92%	1.354%
34	15.327	2025	2030	2035	rBV6	23593	44985	0.39%	0.049%
35	15.380	2035	2039	2044	rBV4	19705	34252	0.30%	0.037%
36	15.498	2053	2059	2062	rBV6	22052	39134	0.34%	0.042%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

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_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

37	15.539	2062	2066	2070	rVB	74876	92894	0.81%	0.101%
38	15.704	2089	2094	2098	rVV	245754	327213	2.86%	0.355%
39	15.757	2098	2103	2111	rVB	262750	393843	3.44%	0.427%
40	15.821	2111	2114	2121	rVB7	35027	54083	0.47%	0.059%
41	15.927	2127	2132	2133	rBV4	34981	45808	0.40%	0.050%
42	16.051	2148	2153	2159	rBV2	196706	289818	2.53%	0.314%
43	16.198	2173	2178	2186	rVV	183031	376614	3.29%	0.408%
44	16.286	2189	2193	2197	rVB2	44406	68419	0.60%	0.074%
45	16.398	2208	2212	2214	rBV	134397	175054	1.53%	0.190%
46	16.427	2214	2217	2224	rVB3	141973	242709	2.12%	0.263%
47	16.762	2262	2274	2278	rBV7	50252	175653	1.54%	0.190%
48	16.904	2295	2298	2301	rBV4	32591	40528	0.35%	0.044%
49	16.986	2307	2312	2315	rBV3	60056	98435	0.86%	0.107%
50	17.027	2316	2319	2323	rVV2	82547	130572	1.14%	0.142%
51	17.109	2327	2333	2341	rVV	2288680	3281647	28.70%	3.558%
52	17.192	2342	2347	2352	rVV2	187606	312818	2.74%	0.339%
53	17.245	2352	2356	2357	rVV2	112030	153028	1.34%	0.166%
54	17.274	2357	2361	2369	rVB	463220	673082	5.89%	0.730%
55	17.456	2386	2392	2395	rBV	2389070	3313214	28.98%	3.593%
56	17.503	2395	2400	2405	rVV	7924539	11433908	100.00%	12.398%
57	17.556	2405	2409	2411	rVV3	385244	573096	5.01%	0.621%
58	17.592	2411	2415	2420	rVB	1842462	2548332	22.29%	2.763%
59	17.768	2442	2445	2450	rVB2	65530	97235	0.85%	0.105%
60	17.856	2452	2460	2469	rVV2	533931	947985	8.29%	1.028%
61	17.933	2469	2473	2476	rVV	153539	201534	1.76%	0.219%
62	17.974	2476	2480	2485	rVV	115072	164966	1.44%	0.179%
63	18.039	2487	2491	2499	rVB3	210289	320274	2.80%	0.347%
64	18.133	2504	2507	2512	rVB3	66378	91362	0.80%	0.099%
65	18.251	2523	2527	2532	rBV2	90854	131803	1.15%	0.143%
66	18.327	2536	2540	2544	rVV	507772	688092	6.02%	0.746%
67	18.380	2544	2549	2553	rVB	637926	842435	7.37%	0.913%
68	18.456	2559	2562	2567	rVB	177228	225062	1.97%	0.244%
69	18.527	2568	2574	2577	rBV2	317547	613454	5.37%	0.665%
70	18.556	2577	2579	2585	rVB	227254	298140	2.61%	0.323%
71	18.621	2586	2590	2596	rBV3	167904	254243	2.22%	0.276%
72	18.674	2596	2599	2601	rBV4	43782	57061	0.50%	0.062%
73	18.715	2602	2606	2612	rVV2	209748	312323	2.73%	0.339%
74	18.821	2620	2624	2628	rVB	460366	594563	5.20%	0.645%
75	18.868	2628	2632	2637	rVB	578247	734906	6.43%	0.797%
76	19.250	2692	2697	2704	rBV	946486	1429954	12.51%	1.551%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

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_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

77	19.386	2715	2720	2725	rBV	884857	1205265	10.54%	1.307%
78	19.509	2735	2741	2746	rVB	7228635	10012818	87.57%	10.857%
79	19.597	2753	2756	2761	rVB3	166073	206429	1.81%	0.224%
80	19.745	2779	2781	2790	rVB	241489	332684	2.91%	0.361%
81	19.833	2791	2796	2798	rVV2	988036	1487320	13.01%	1.613%
82	19.868	2798	2802	2809	rVV	4889585	6547998	57.27%	7.100%
83	19.933	2809	2813	2819	rVB	295164	420383	3.68%	0.456%
84	20.039	2828	2831	2837	rVB	295397	377836	3.30%	0.410%
85	20.109	2839	2843	2850	rVB	465339	651438	5.70%	0.706%
86	20.180	2851	2855	2862	rBV4	223637	533055	4.66%	0.578%
87	20.403	2890	2893	2896	rBV	190785	227063	1.99%	0.246%
88	20.515	2906	2912	2916	rBV2	291781	527479	4.61%	0.572%
89	20.656	2933	2936	2940	rBV	189507	256307	2.24%	0.278%
90	21.103	3008	3012	3017	rBV	935183	1212449	10.60%	1.315%
91	21.268	3035	3040	3043	rBV2	454109	753926	6.59%	0.817%
92	21.303	3043	3046	3050	rVV2	508607	668476	5.85%	0.725%
93	21.344	3050	3053	3058	rVV2	491921	676750	5.92%	0.734%
94	21.397	3058	3062	3069	rVB	777114	1009325	8.83%	1.094%
95	21.627	3094	3101	3105	rBV2	2467540	5666567	49.56%	6.144%
96	21.668	3105	3108	3114	rVB	2153751	2759895	24.14%	2.993%
97	23.356	3389	3395	3400	rBV2	1845717	4296273	37.57%	4.659%
98	23.891	3481	3486	3493	rBV	881354	1757665	15.37%	1.906%
99	24.003	3500	3505	3512	rVB	826017	1584059	13.85%	1.718%
100	24.115	3518	3524	3529	rVB2	1259411	2308721	20.19%	2.503%

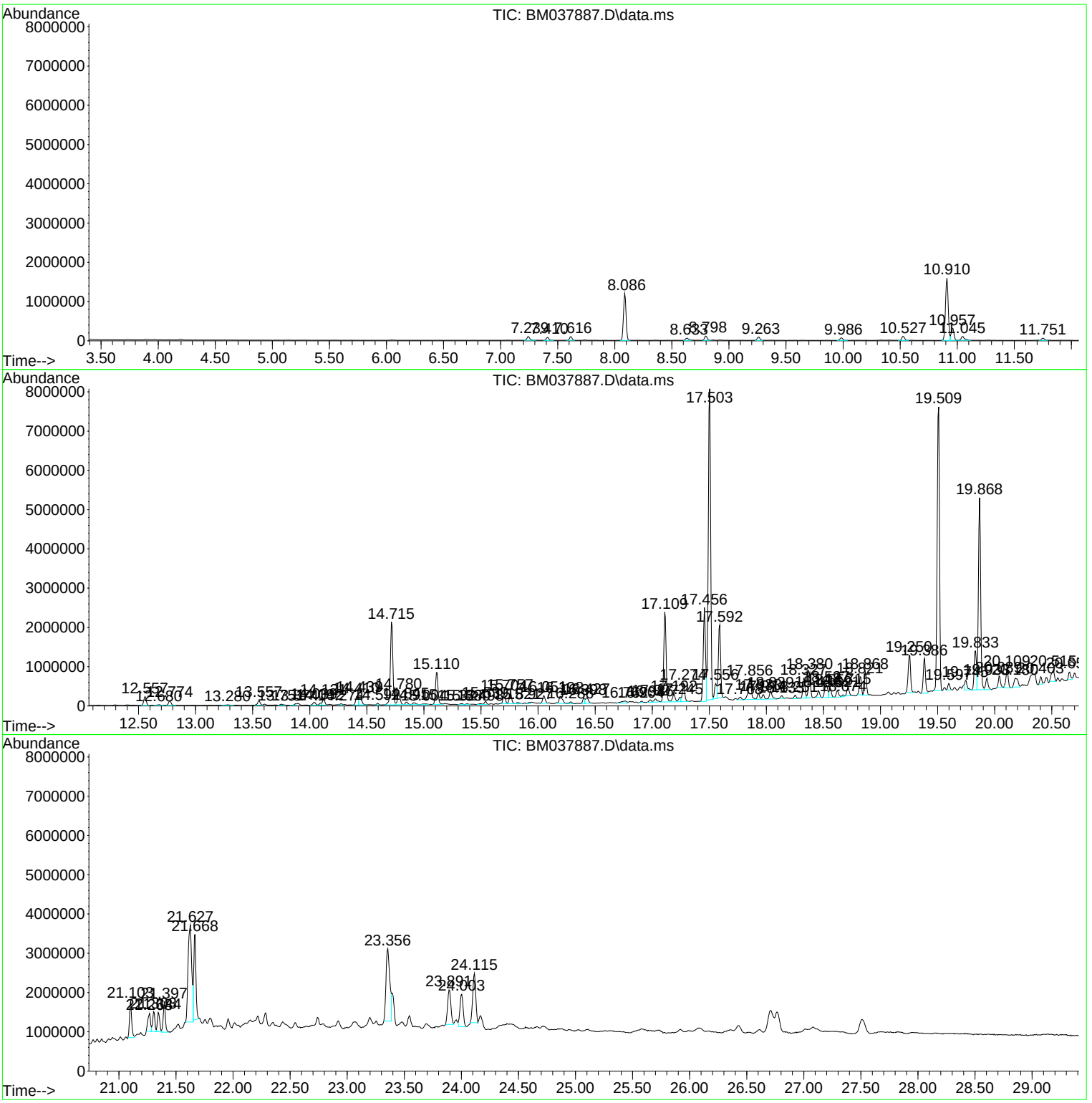
Sum of corrected areas: 92223488

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

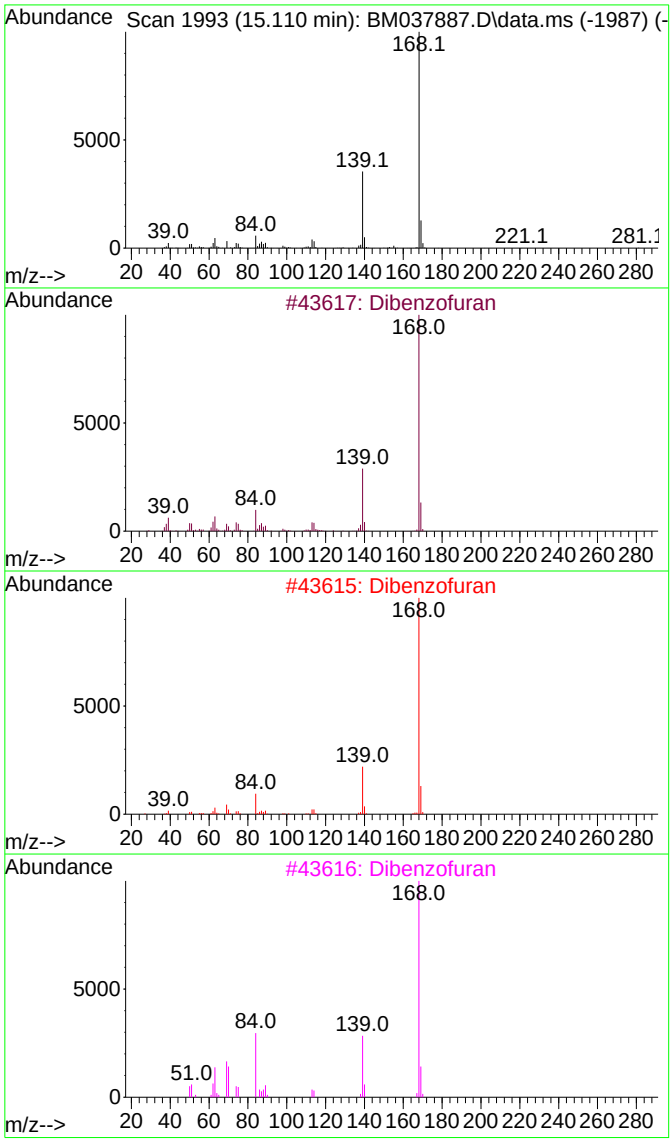
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

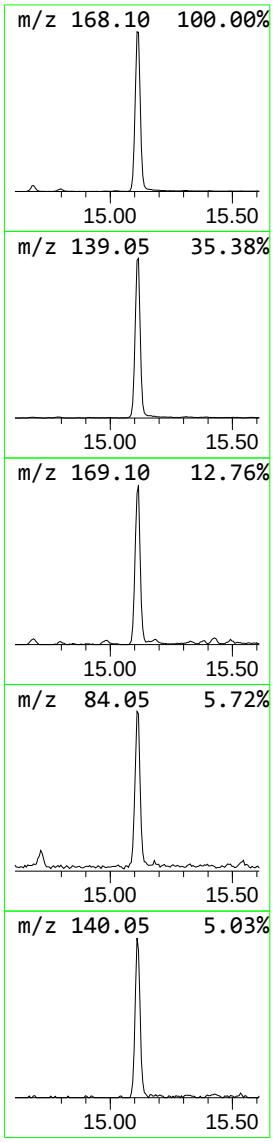
****

Peak Number 1 Dibenzo furan Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	7.75 ng/ul	1249020	Acenaphthene-d10	14.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	86
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
5	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

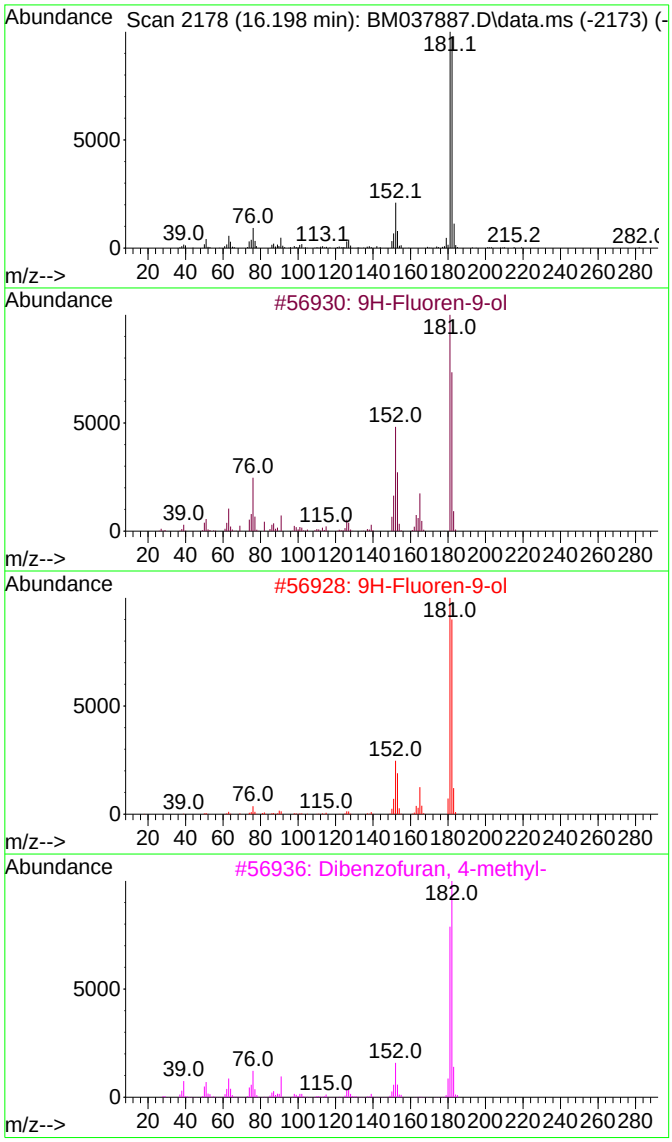
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

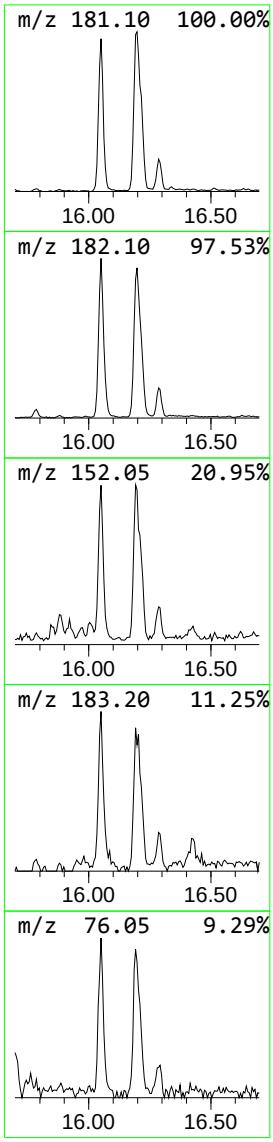
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9H-Fluoren-9-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	2.27 ng/ul	376614	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4	3,5-Dimethoxy-4-(ethyl)oxybenzal...	210	C11H14O4	1000395-80-8	64
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

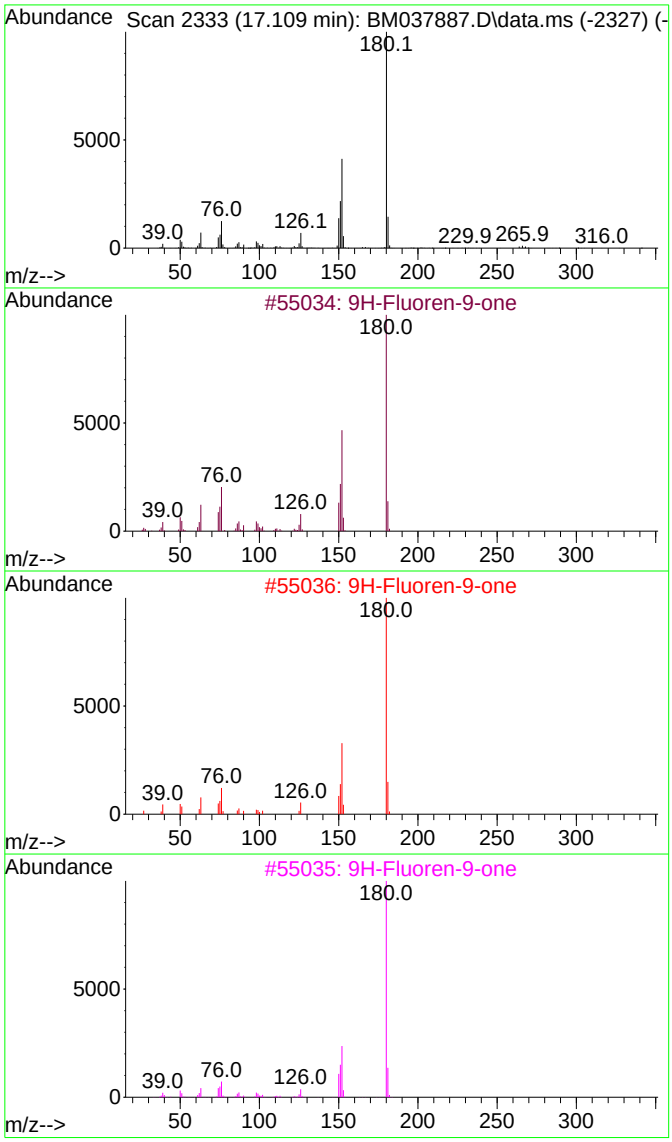
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

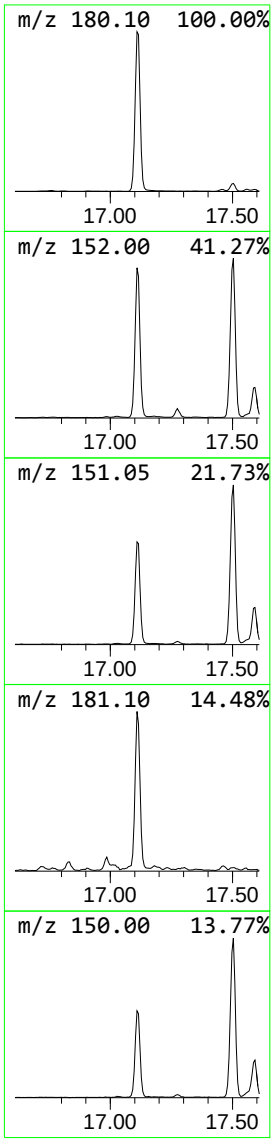
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluoren-9-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.109	19.81 ng/ul	3281650	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

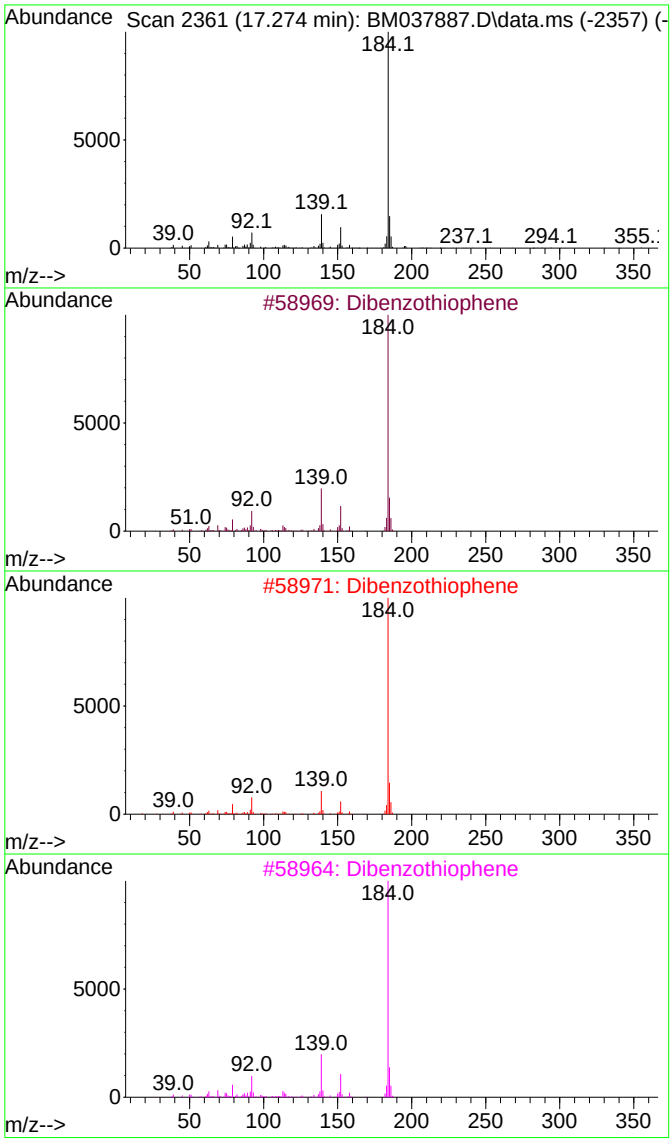
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

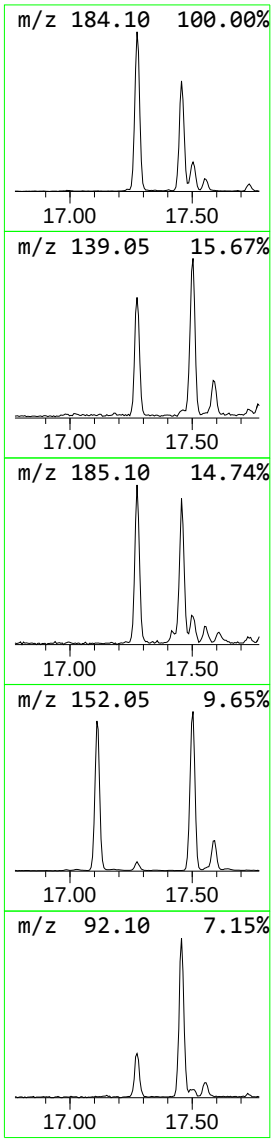
****

Peak Number 4 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.274	4.06 ng/ul	673082	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

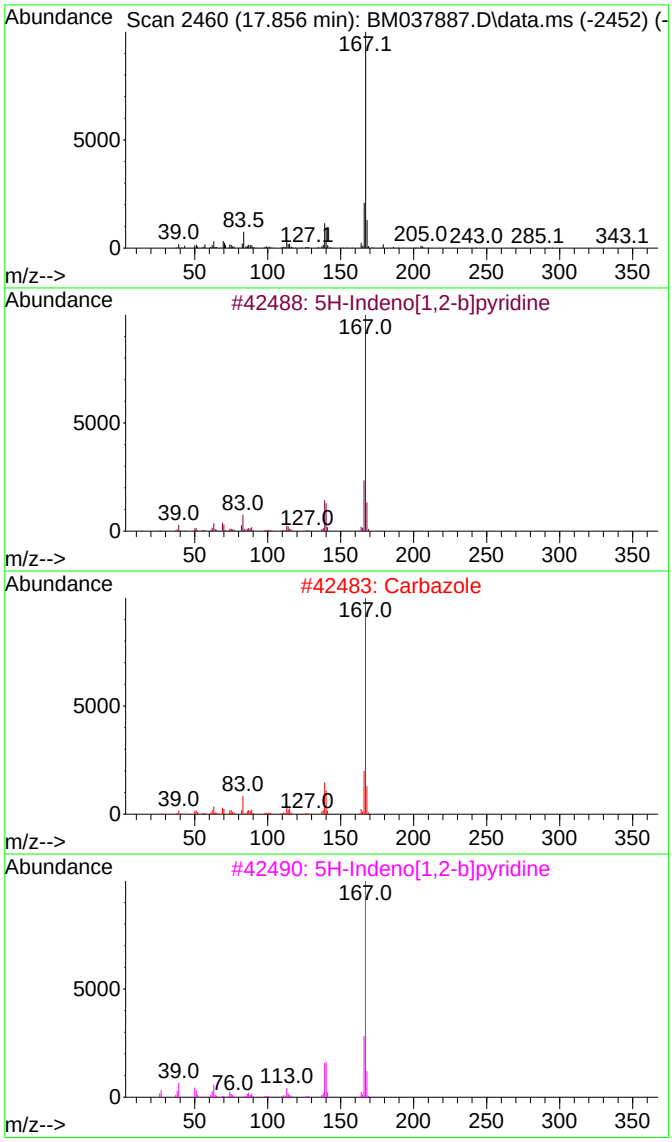
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

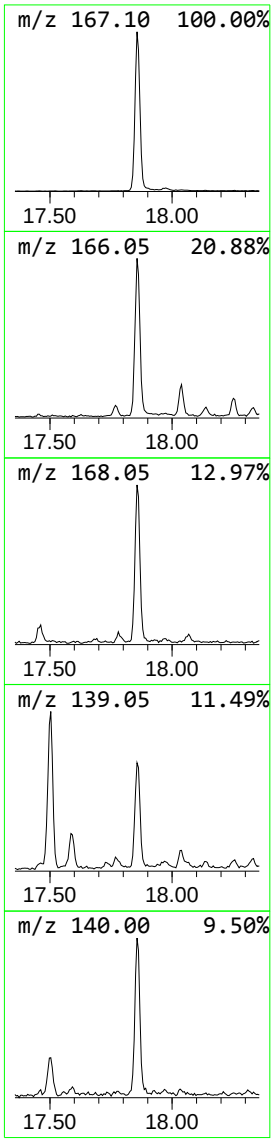
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.856	5.72 ng/ul	947985	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	Carbazole	167	C12H9N	000086-74-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

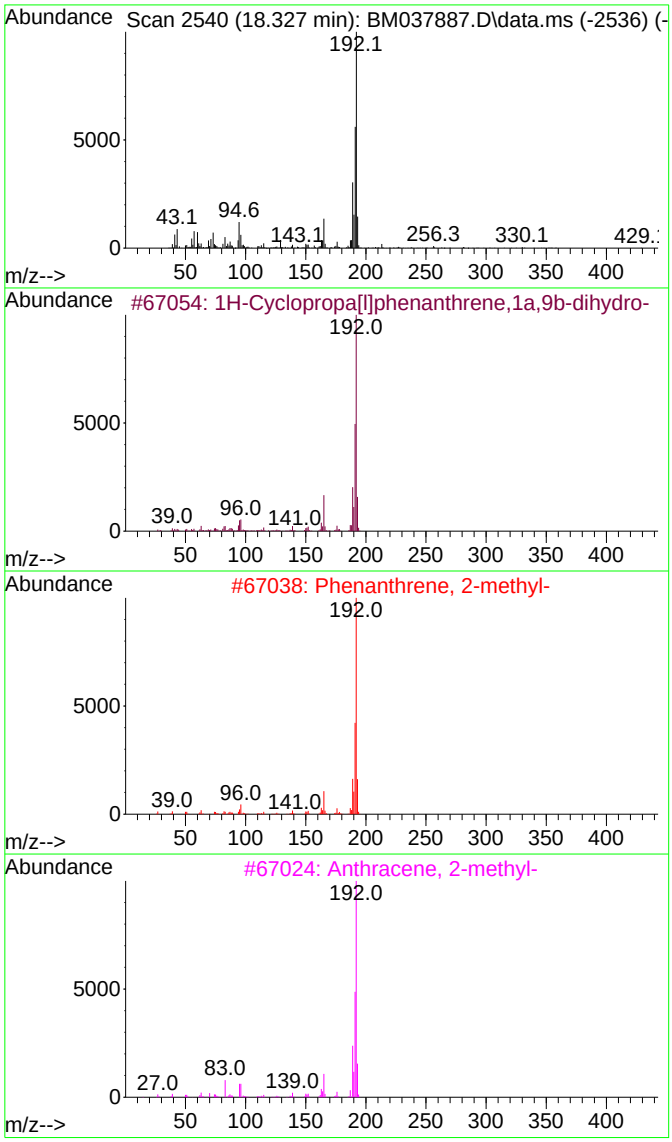
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

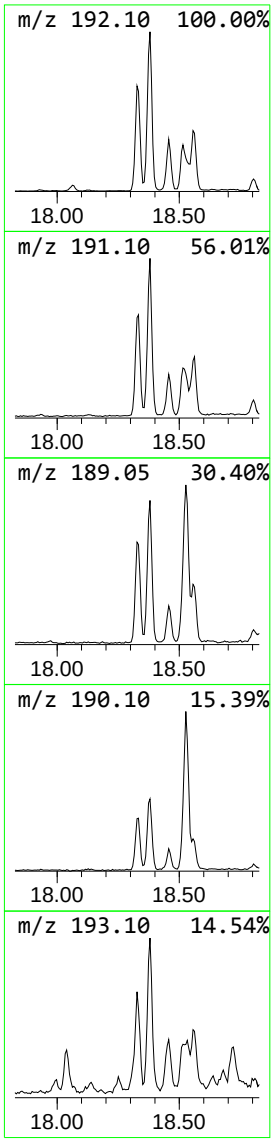
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	4.15 ng/ul	688092	Phenanthrene-d10	17.456

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

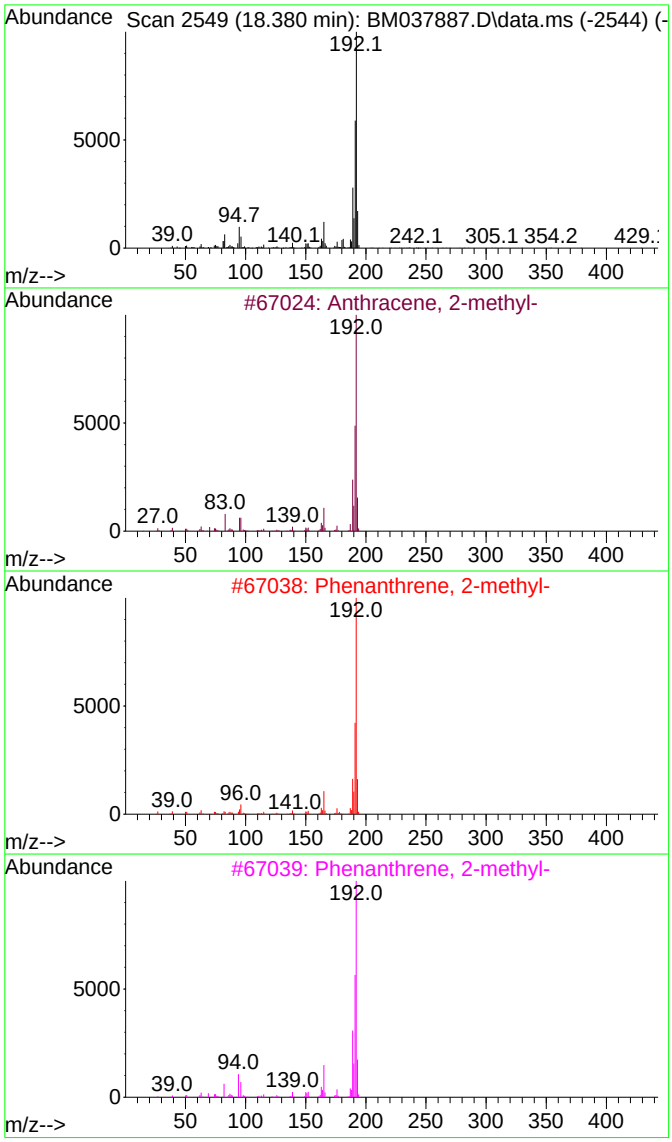
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

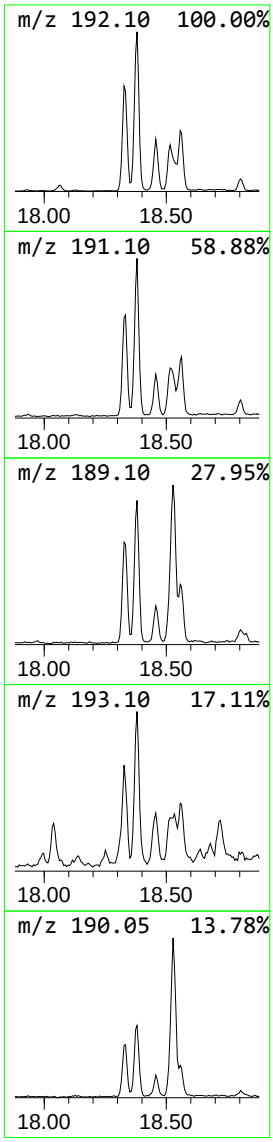
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	5.09 ng/ul	842435	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

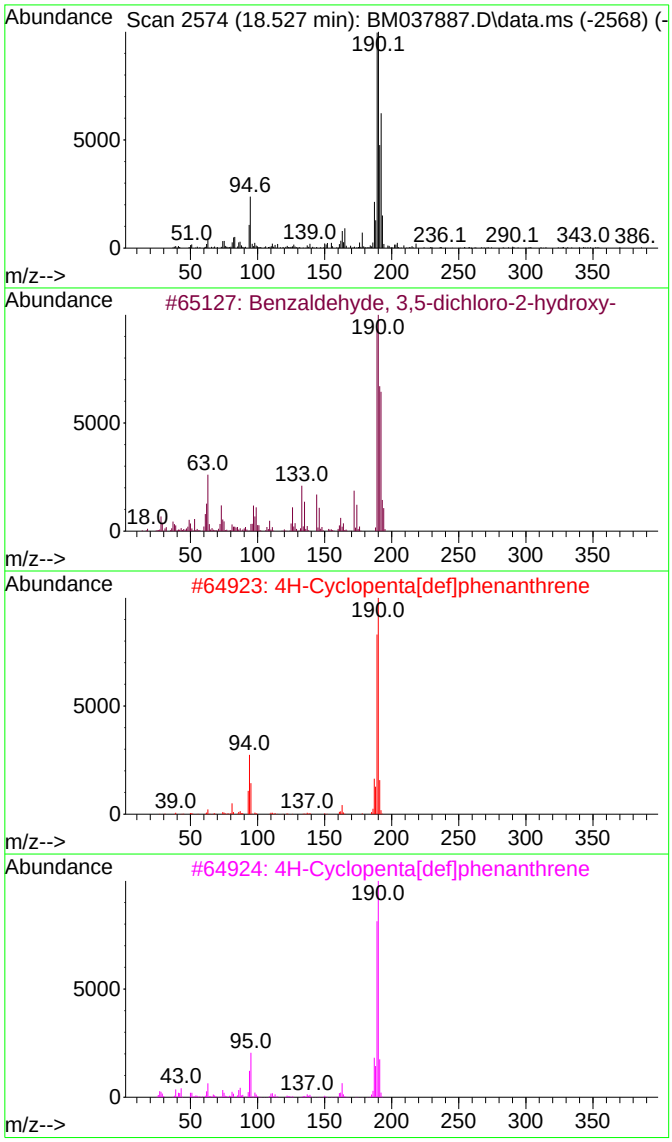
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

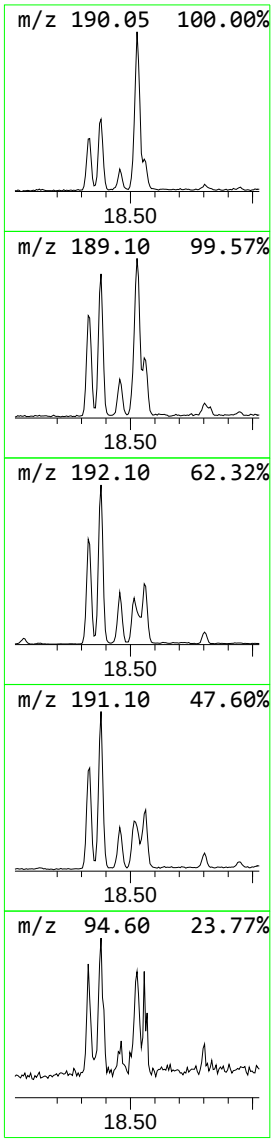
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	3.70 ng/ul	613454	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

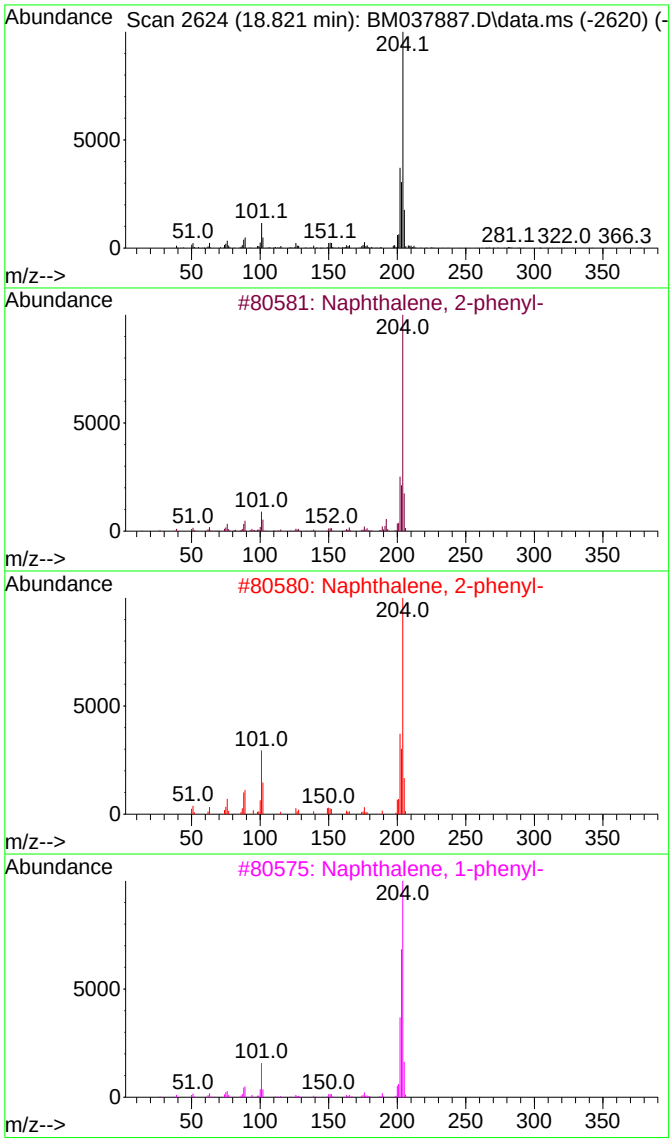
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

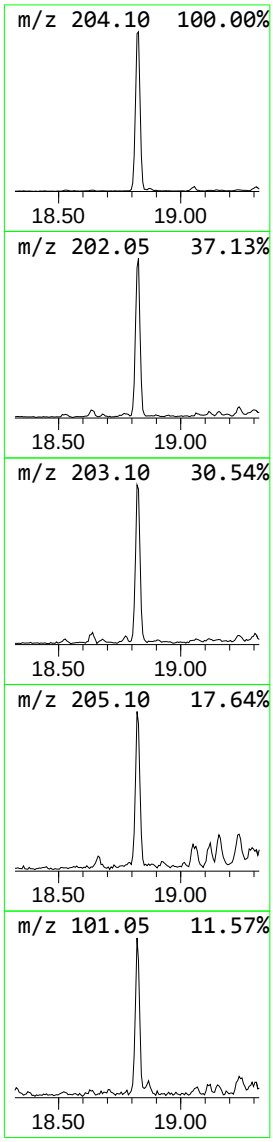
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.821	3.59 ng/ul	594563	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

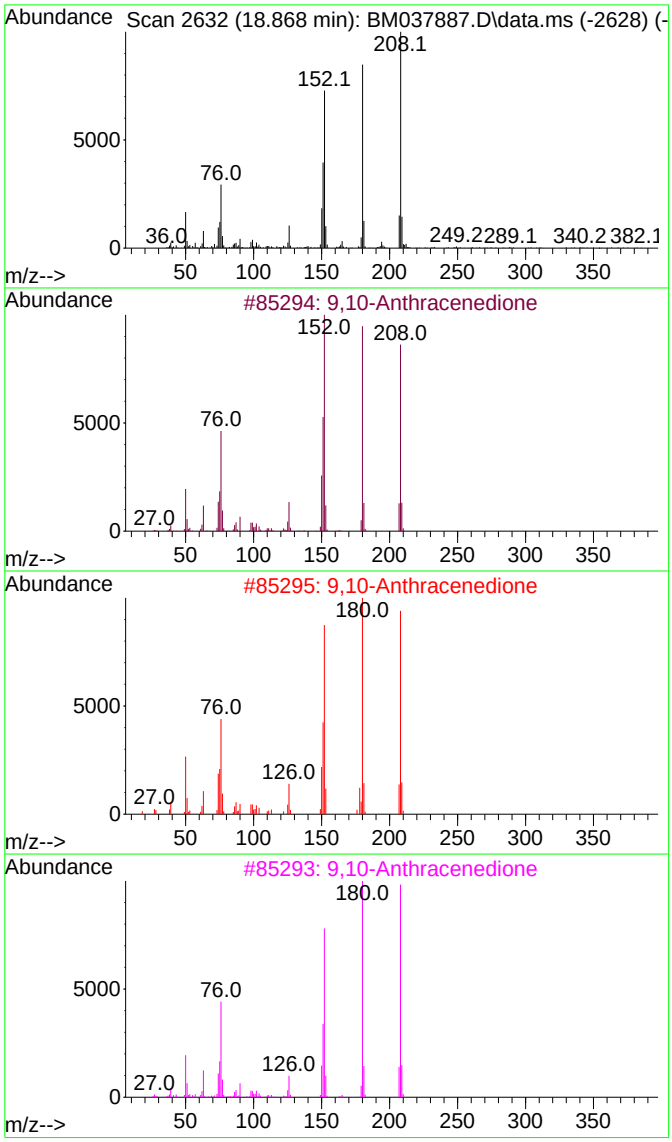
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

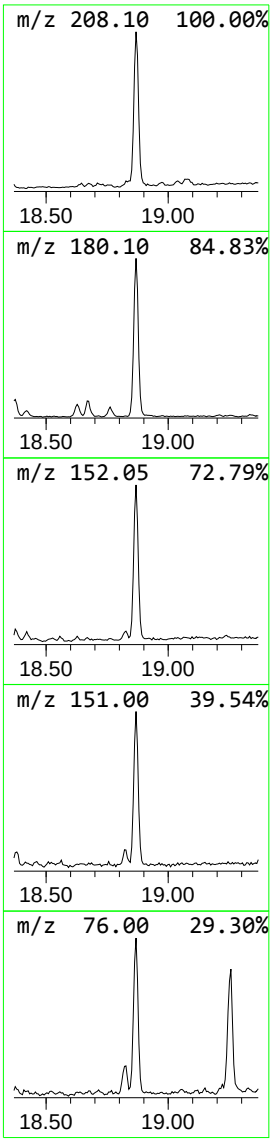
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	4.44 ng/ul	734906	Phenanthrene-d10	17.456

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	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

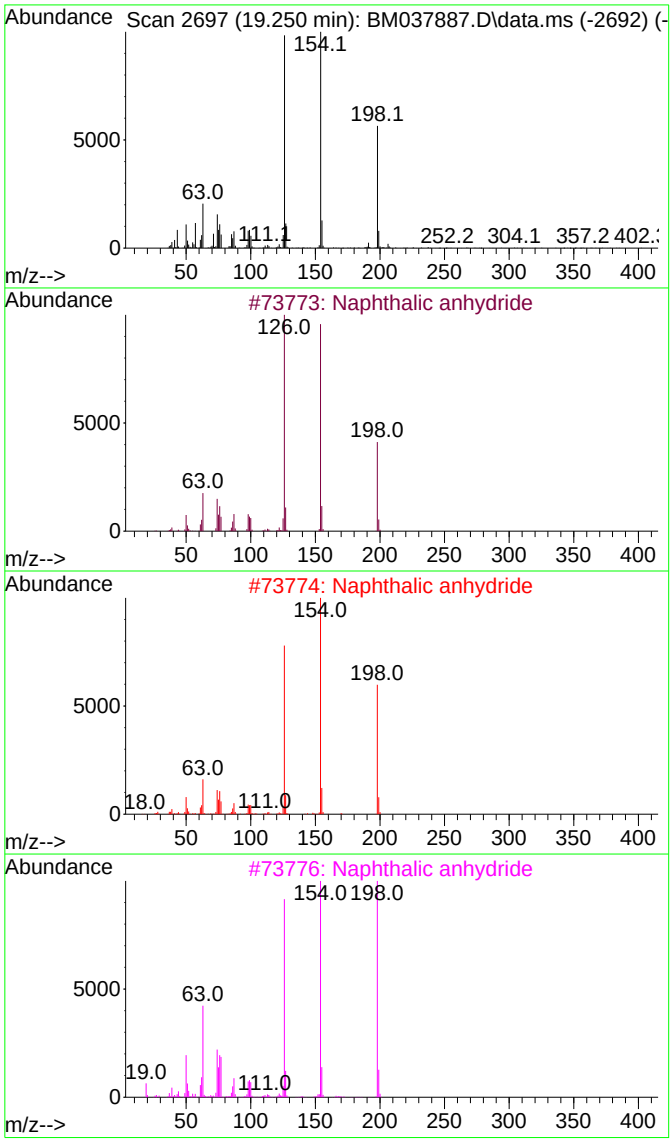
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

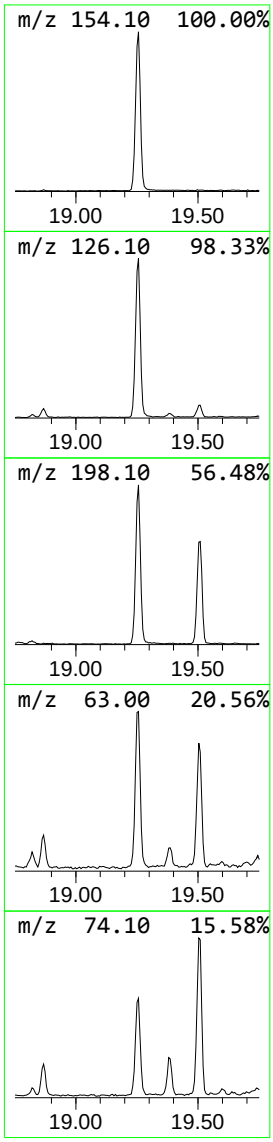
****

Peak Number 11 Naphthalic anhydride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.250	8.63 ng/ul	1429950	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	99
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	98
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

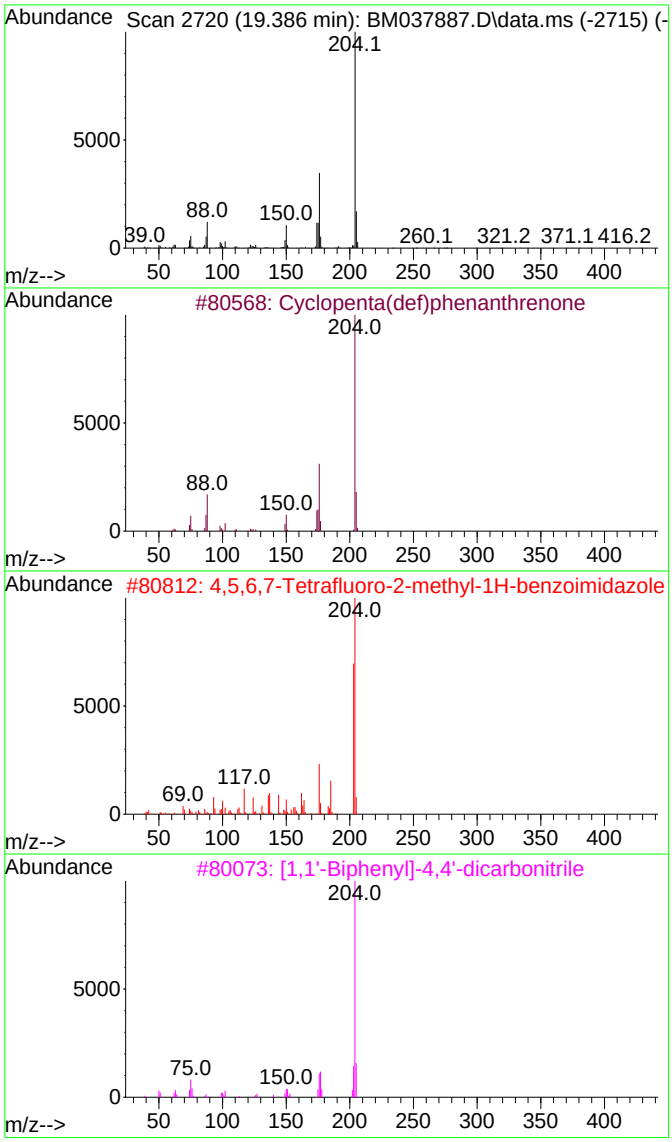
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

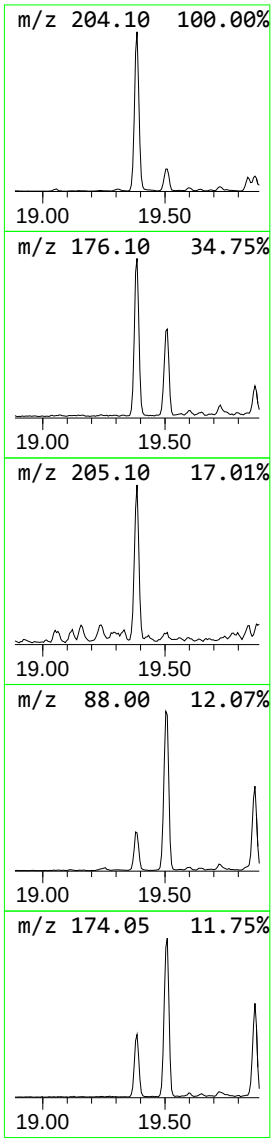
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	7.28 ng/ul	1205270	Phenanthrene-d10	17.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53
5	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

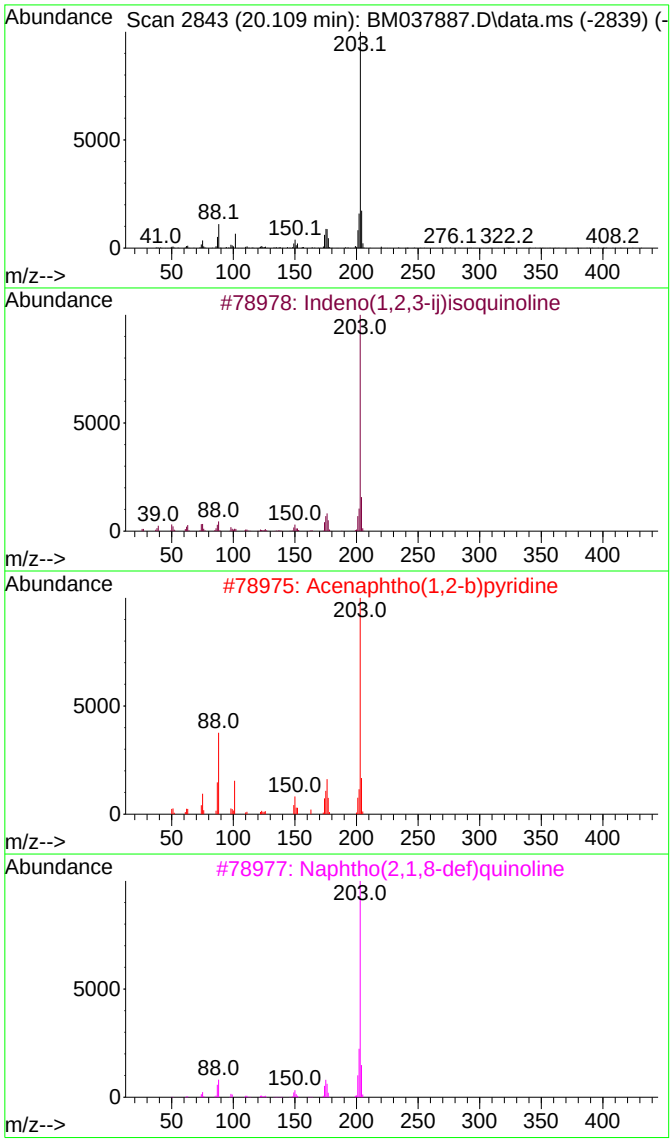
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

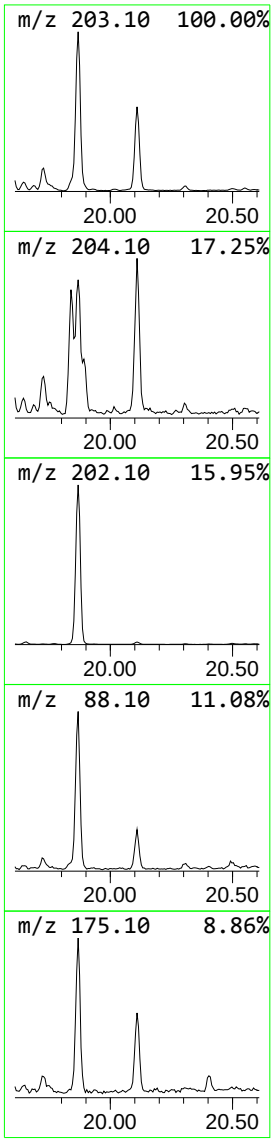
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Indeno(1,2,3-ij)isoquinoline Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.109	2.30 ng/ul	651438	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	96
2	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
3	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	95
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

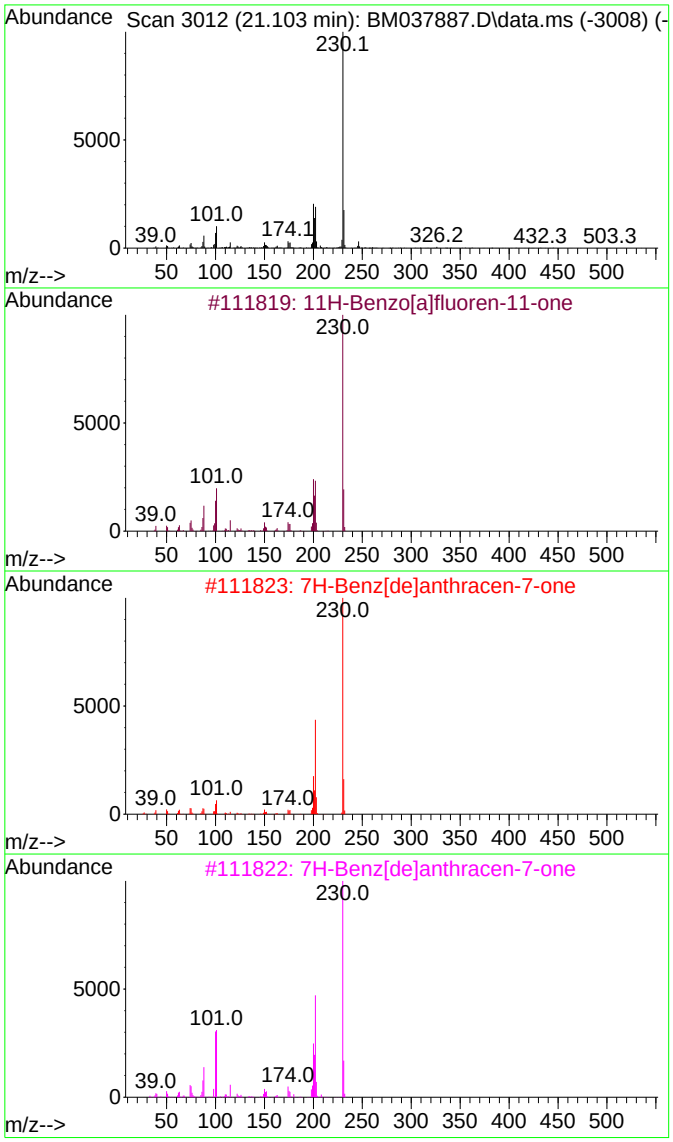
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

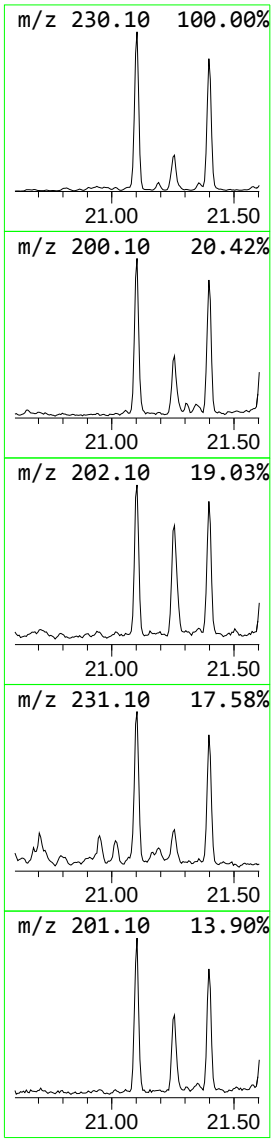
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.103	4.28 ng/ul	1212450	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

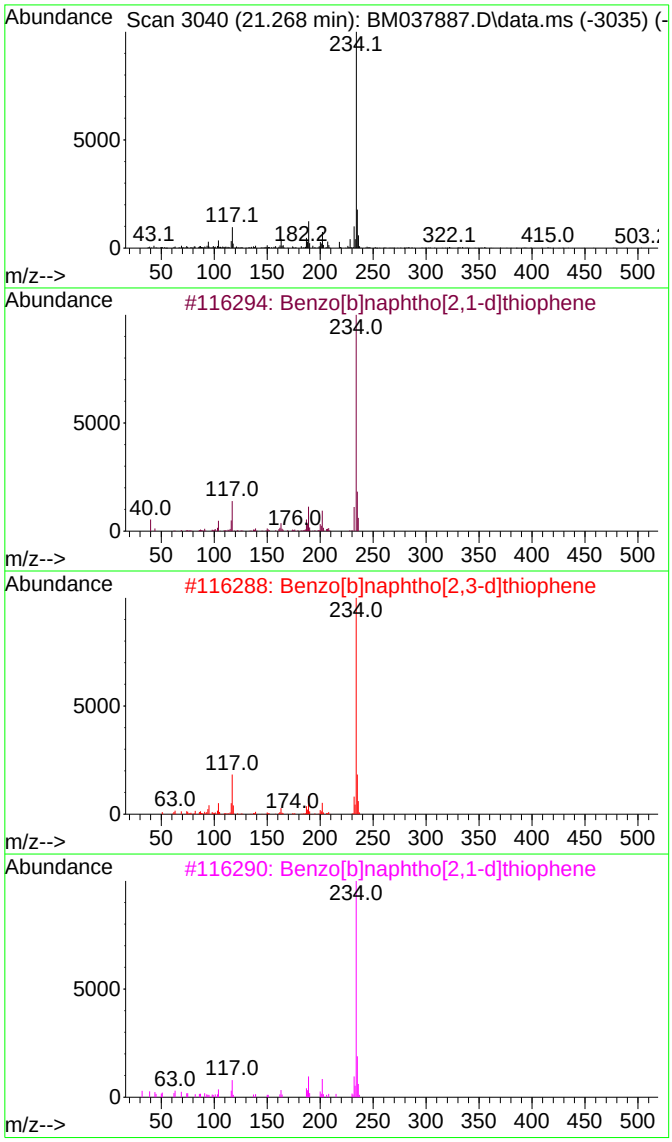
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

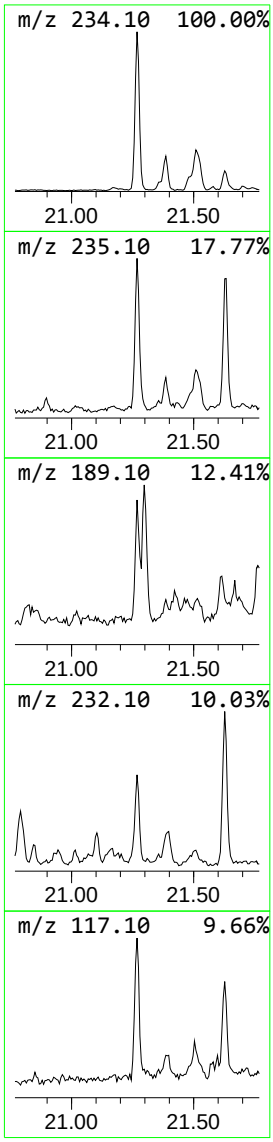
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.268	2.66 ng/ul	753926	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

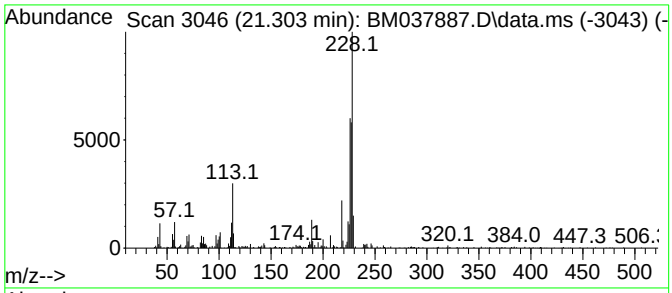
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

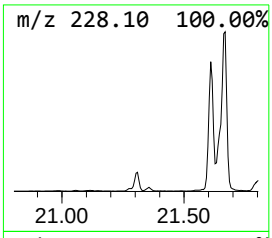
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

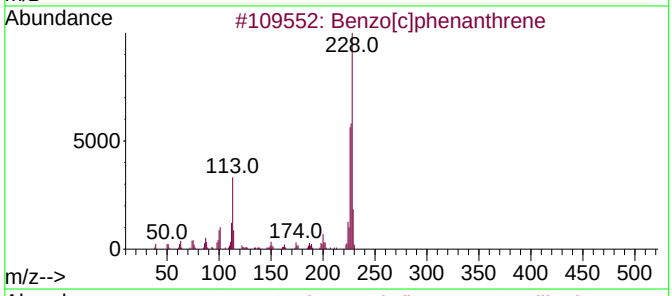
****
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 17

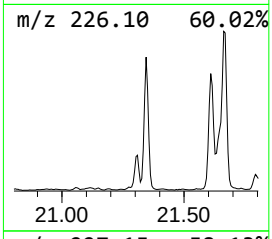
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.303	2.36 ng/ul	668476	Chrysene-d12	21.627

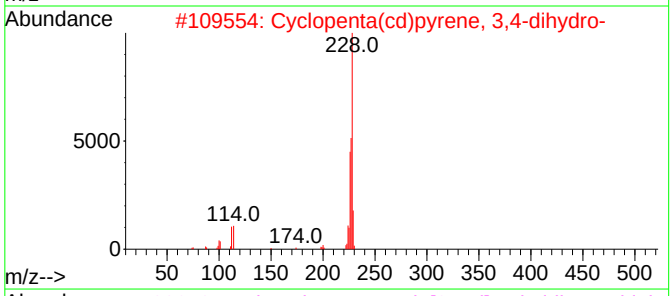
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	83
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
3	1-Phenyl-1H-pyrazolo[3,4-d]pyrim...	228	C11H8N4S	1000476-87-5	43
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	43
5	Chrysene	228	C18H12	000218-01-9	38

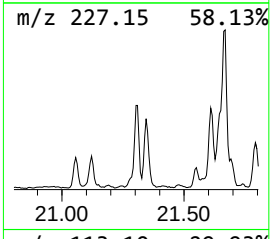


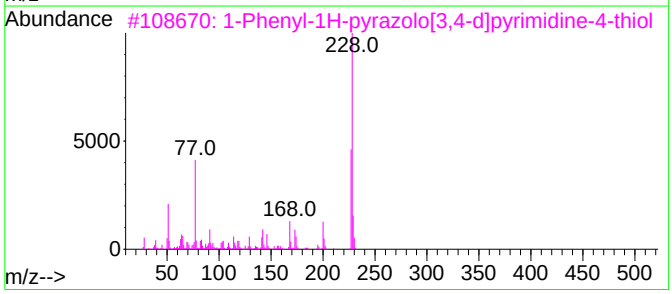


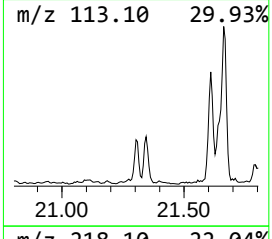


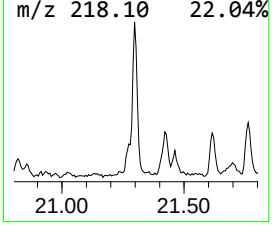












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

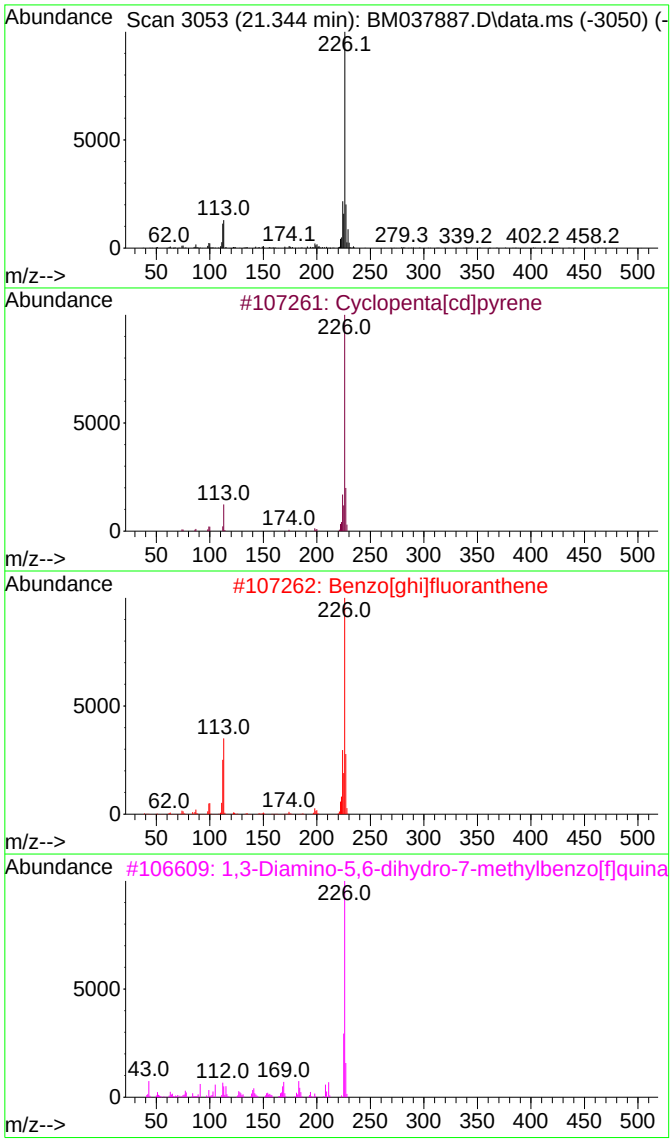
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

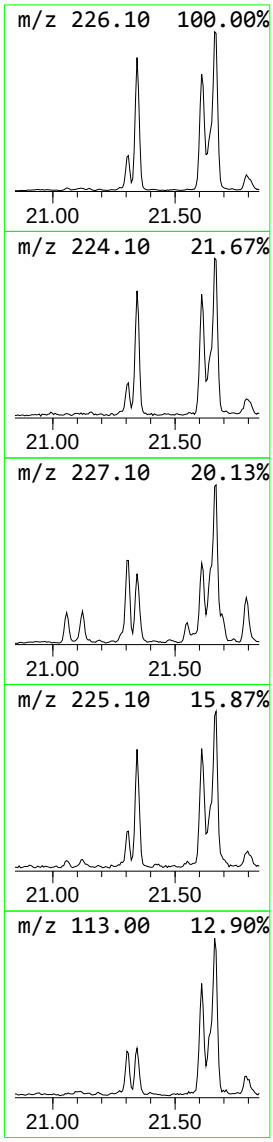
****

Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.344	2.39 ng/ul	676750	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	90
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
4	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

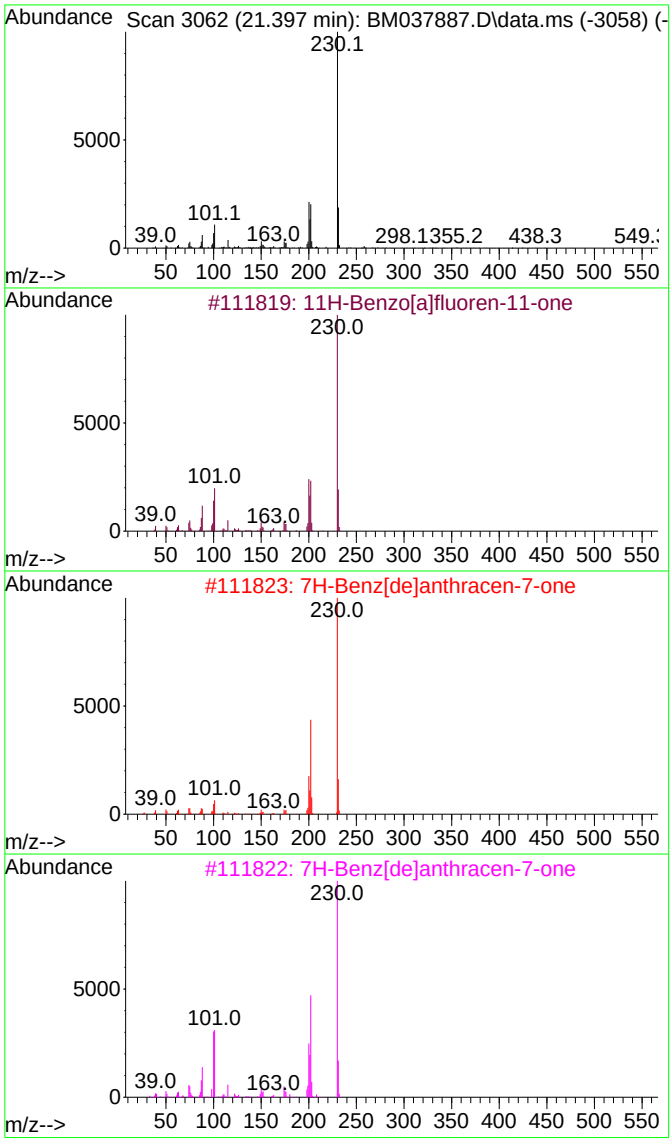
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

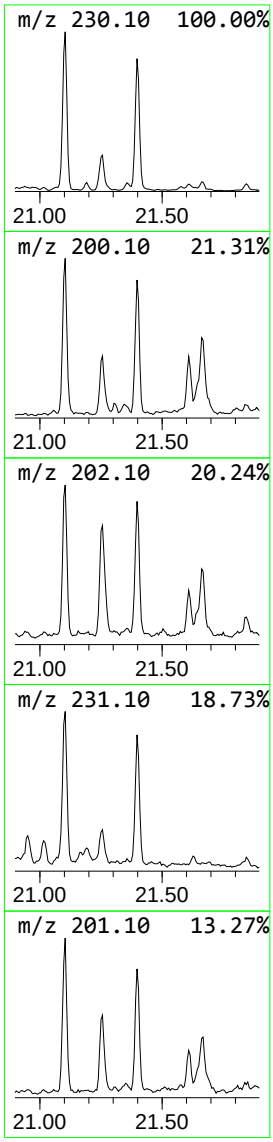
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.397	3.56 ng/ul	1009330	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

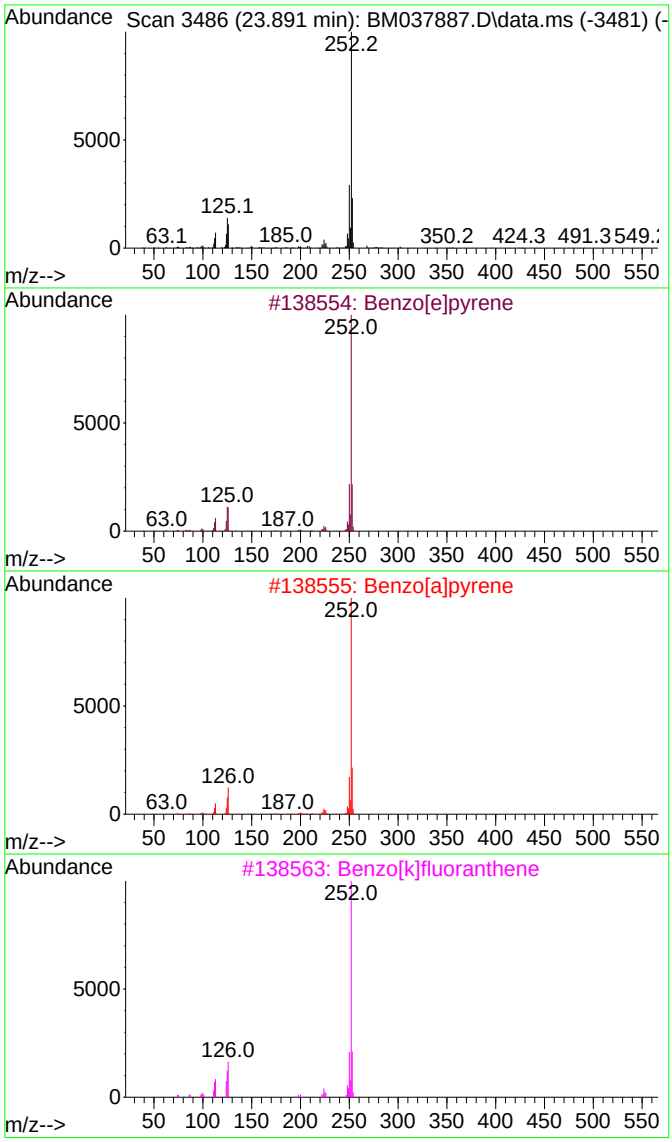
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

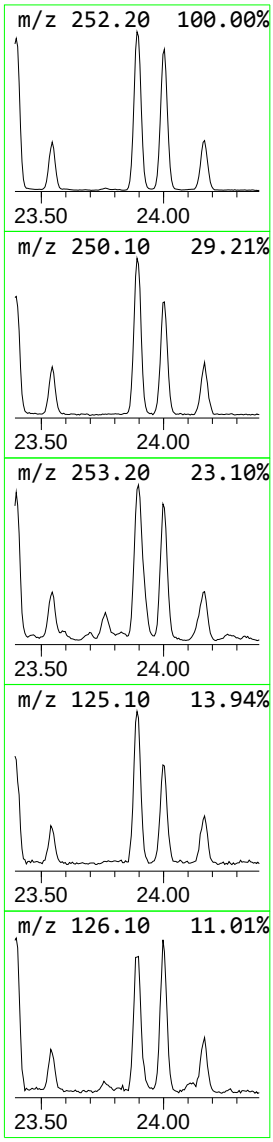
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.891	15.23 ng/ul	1757670	Perylene-d12	24.115

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037887.D
Acq On : 08 Dec 2022 15:22
Operator : CG/JU
Sample : N5832-22 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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
Dibenzo furan	15.110	7.8	ng/ul	1249020	3	14.715	3222900	20.0
9H-Fluoren-9-ol	16.198	2.3	ng/ul	376614	4	17.456	3313210	20.0
9H-Fluoren-9-one	17.109	19.8	ng/ul	3281650	4	17.456	3313210	20.0
Dibenzothiophene	17.274	4.1	ng/ul	673082	4	17.456	3313210	20.0
5H-Indeno[1,2-b...	17.856	5.7	ng/ul	947985	4	17.456	3313210	20.0
1H-Cyclopropa[l...	18.327	4.2	ng/ul	688092	4	17.456	3313210	20.0
Anthracene, 2-m...	18.380	5.1	ng/ul	842435	4	17.456	3313210	20.0
Benzaldehyde, 3...	18.527	3.7	ng/ul	613454	4	17.456	3313210	20.0
Naphthalene, 2-...	18.821	3.6	ng/ul	594563	4	17.456	3313210	20.0
9,10-Anthracene...	18.868	4.4	ng/ul	734906	4	17.456	3313210	20.0
Naphthalic anhy...	19.250	8.6	ng/ul	1429950	4	17.456	3313210	20.0
Cyclopenta(def)...	19.386	7.3	ng/ul	1205270	4	17.456	3313210	20.0
Indeno(1,2,3-ij...	20.109	2.3	ng/ul	651438	5	21.627	5666570	20.0
11H-Benzo[a]flu...	21.103	4.3	ng/ul	1212450	5	21.627	5666570	20.0
Benzo[b]naphtho...	21.268	2.7	ng/ul	753926	5	21.627	5666570	20.0
Benzo[c]phenant...	21.303	2.4	ng/ul	668476	5	21.627	5666570	20.0
Cyclopenta[cd]p...	21.344	2.4	ng/ul	676750	5	21.627	5666570	20.0
7H-Benz[de]anth...	21.397	3.6	ng/ul	1009330	5	21.627	5666570	20.0
Benzo[e]pyrene	23.891	15.2	ng/ul	1757670	6	24.115	2308720	20.0