LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

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: BM037888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.887	82	85	93	rBV	22568	43978	0.75%	0.079%
2	3.969	96	99	104	rVB5	11108	15832	0.27%	0.028%
3	4.199	133	138	143	rVB	22489	33709	0.58%	0.060%
4	6.052	447	453	458	rVB5	9926	17912	0.31%	0.032%
5	7.240	650	655	663	rBV	103534	173973	2.98%	0.311%
6	7.410	678	684	690	rBV	78891	126798	2.17%	0.227%
7	7.616	713	719	728	rVB	100432	164228	2.82%	0.294%
8	7.734	732	739	747	rVB6	9480	20032	0.34%	0.036%
9	8.087	792	799	807	rBV	1222317	1859141	31.88%	3.323%
10	8.634	886	892	905	rBV	50765	113740	1.95%	0.203%
11	8.799	913	920	926	rBV	118039	187952	3.22%	0.336%
12	8.922	937	941	947	rVB2	8222	13936	0.24%	0.025%
13	9.257	991	998	1010	rVB	89537	157464	2.70%	0.281%
14	9.987	1116	1122	1130	rVB	74786	125117	2.15%	0.224%
15	10.334	1178	1181	1187	rVV6	6685	13168	0.23%	0.024%
16	10.528	1207	1214	1223	rBV	109791	190482	3.27%	0.340%
17	10.910	1271	1279	1284	rBV	1586351	2661049	45.63%	4.756%
18	10.957	1284	1287	1295	rVV	202765	309398	5.31%	0.553%
19	11.045	1295	1302	1313	rVV2	85513	178044	3.05%	0.318%
20	12.292	1508	1514	1520	rVB7	12458	22300	0.38%	0.040%
21	12.398	1526	1532	1538	rBV3	12523	27967	0.48%	0.050%
22	12.557	1552	1559	1566	rVB	107786	169766	2.91%	0.303%
23	12.681	1573	1580	1588	rBV3	20796	46021	0.79%	0.082%
24	12.775	1590	1596	1603	rVB	63277	113842	1.95%	0.203%
25	13.551	1720	1728	1733	rBV2	47553	87723	1.50%	0.157%
26	13.604	1733	1737	1744	rVB	37921	59796	1.03%	0.107%
27	13.751	1757	1762	1769	rVB	21004	37772	0.65%	0.068%
28	13.881	1775	1784	1785	rBV2	40728	57744	0.99%	0.103%
29	14.039	1804	1811	1816	rBV	57592	107601	1.85%	0.192%
30	14.122	1816	1825	1830	rVV	193332	319643	5.48%	0.571%
31	14.175	1831	1834	1839	rVB4	24052	35352	0.61%	0.063%
32	14.245	1840	1846	1847	rBV4	14515	20640	0.35%	0.037%
33	14.275	1847	1851	1860	rVB3	31621	69264	1.19%	0.124%
34	14.410	1868	1874	1877	rBV2	229512	368931	6.33%	0.659%
35	14.439	1877	1879	1889	rVB	224051	324071	5.56%	0.579%
36	14.592	1901	1905	1911	rVB	45197	58912	1.01%	0.105%

LSC Area Percent Report

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Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBXL8

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	14.716	1915	1926	1932	rBV	2236275	3243180	55.61%	5.796%
38	14.781	1932	1937	1944	rVB	427290	650585	11.16%	1.163%
39	14.910	1954	1959	1968	rBV3	45720	100255	1.72%	0.179%
40	15.022	1975	1978	1984	rVB4	22378	35122	0.60%	0.063%
41	15.110	1987	1993	2002	rBV	370436	554949	9.52%	0.992%
42	15.186	2002	2006	2009	rBV2	14926	21390	0.37%	0.038%
43	15.328	2025	2030	2035	rBV5	25000	45628	0.78%	0.082%
44	15.380	2035	2039	2043	rBV2	18136	27224	0.47%	0.049%
45	15.498	2056	2059	2062	rVB4	13681	16555	0.28%	0.030%
46	15.539	2062	2066	2070	rVB2	55955	70841	1.21%	0.127%
47	15.586	2071	2074	2079	rBV5	14491	23675	0.41%	0.042%
48	15.704	2089	2094	2098	rBV	277414	380861	6.53%	0.681%
49	15.757	2098	2103	2110	rVB	597150	807378	13.84%	1.443%
50	15.816	2110	2113	2121	rBV7	51595	80533	1.38%	0.144%
51	15.880	2121	2124	2127	rVB3	25984	27448	0.47%	0.049%
52	15.922	2127	2131	2133	rBV3	56238	82097	1.41%	0.147%
53	16.004	2143	2145	2149	rVB2	26345	26580	0.46%	0.048%
54	16.051	2149	2153	2158	rVB3	95530	149290	2.56%	0.267%
55	16.163	2169	2172	2174	rBV4	24618	33282	0.57%	0.059%
56	16.198	2174	2178	2185	rVB	89983	173888	2.98%	0.311%
57	16.398	2208	2212	2214	rBV2	116154	161365	2.77%	0.288%
58	16.427	2214	2217	2229	rVB3	181708	317558	5.45%	0.568%
59	16.804	2278	2281	2287	rVB5	43038	60080	1.03%	0.107%
60	16.904	2296	2298	2302	rVB	43002	41185	0.71%	0.074%
61	16.980	2308	2311	2314	rBV3	27110	31469	0.54%	0.056%
62	17.027	2316	2319	2326	rVB3	54090	81608	1.40%	0.146%
63	17.110	2328	2333	2338	rVB2	131055	190030	3.26%	0.340%
64	17.186	2342	2346	2351	rVV2	127794	205251	3.52%	0.367%
65	17.245	2352	2356	2358	rVV	156161	225574	3.87%	0.403%
66	17.274	2358	2361	2367	rVB	162964	233539	4.00%	0.417%
67	17.457	2386	2392	2395	rBV	2455648	3395164	58.22%	6.068%
68	17.498	2395	2399	2404	rVV	2407314	3221401	55.24%	5.758%
69	17.557	2404	2409	2410	rVV2	276662	361826	6.20%	0.647%
70	17.592	2410	2415	2420	rVB	4118362	5831580	100.00%	10.423%
71	17.727	2435	2438	2445	rVB	59375	94566	1.62%	0.169%
72	17.857	2455	2460	2469	rBV	522496	739423	12.68%	1.322%
73	17.933	2469	2473	2476	rVV	117095	133479	2.29%	0.239%
74	17.969	2477	2479	2484	rVB2	47920	62505	1.07%	0.112%
75	18.327	2536	2540	2545	rBV	278956	383464	6.58%	0.685%
76	18.374	2545	2548	2553	rVB	241544	322664	5.53%	0.577%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

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	18.457	2558	2562	2568	rVB	210914	295392	5.07%	0.528%
78	18.527	2568	2574	2578	rBV	556579	852373	14.62%	1.523%
79	18.621	2586	2590	2595	rBV2	142863	198486	3.40%	0.355%
80	18.721	2603	2607	2610	rBV	109381	161504	2.77%	0.289%
81	18.821	2622	2624	2628	rVB	114984	128536	2.20%	0.230%
82	18.868	2628	2632	2637	rBV2	141767	191075	3.28%	0.342%
83	19.245	2693	2696	2700	rVB3	152849	195300	3.35%	0.349%
84	19.380	2716	2719	2723	rBV2	106574	159694	2.74%	0.285%
85	19.504	2735	2740	2745	rBV	3064481	3906650	66.99%	6.982%
86	19.598	2753	2756	2761	rBV	131438	160757	2.76%	0.287%
87	19.721	2774	2777	2791	rVB2	182247	401380	6.88%	0.717%
88	19.833	2791	2796	2798	rBV4	745076	1100693	18.87%	1.967%
89	19.863	2798	2801	2809	rVB	2370967	3253914	55.80%	5.816%
90	20.110	2838	2843	2850	rBV	617650	846377	14.51%	1.513%
91	20.404	2890	2893	2897	rVB	209731	248146	4.26%	0.444%
92	20.457	2898	2902	2905	rBV	276402	342851	5.88%	0.613%
93	20.657	2933	2936	2939	rBV	139315	174301	2.99%	0.312%
94	21.345	3050	3053	3057	rVB2	254491	318588	5.46%	0.569%
95	21.627	3094	3101	3105	rBV2	2129901	3910445	67.06%	6.989%
96	21.662	3105	3107	3114	rVB	939063	1142896	19.60%	2.043%
97	23.351	3389	3394	3400	rBV	1147400	2504946	42.95%	4.477%
98	23.892	3482	3486	3492	rVB2	512531	917374	15.73%	1.640%
99	24.003	3501	3505	3512	rVB	655739	1207323	20.70%	2.158%
100	24.115	3518	3524	3529	rBV2	1251940	2354566	40.38%	4.208%

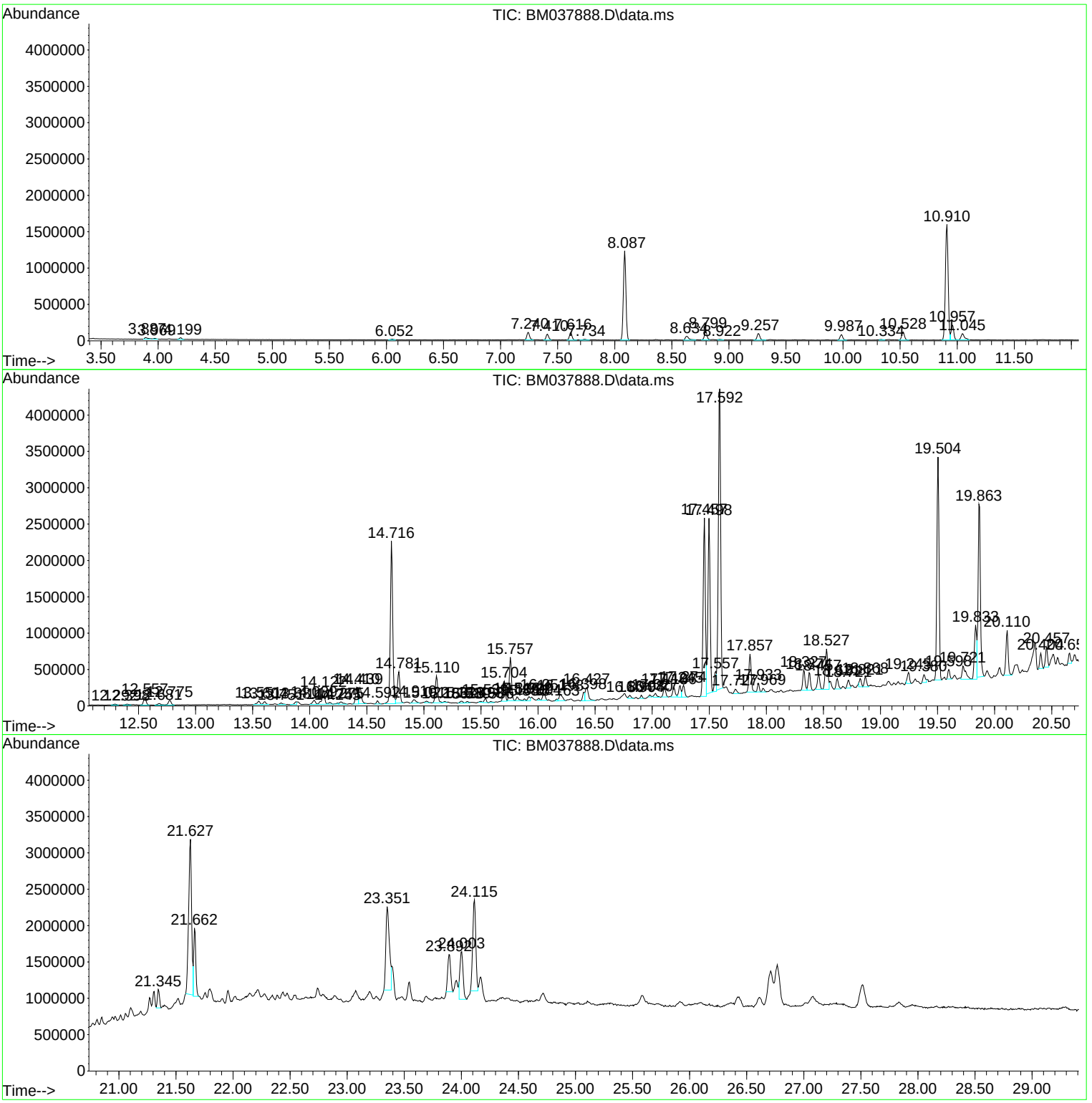
Sum of corrected areas: 55951357

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

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 : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

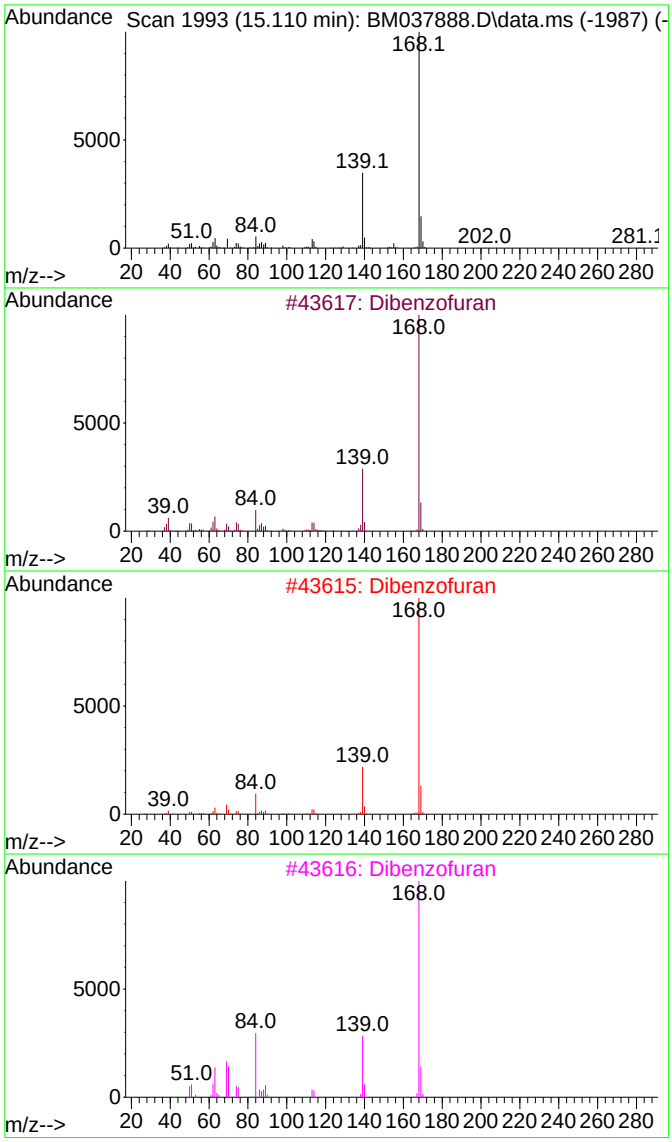
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

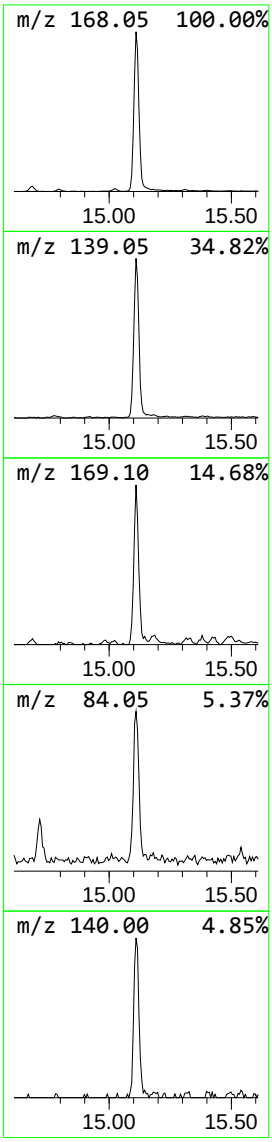
****

Peak Number 1 Dibenzo furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	3.42 ng/ul	554949	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	90
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	64
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

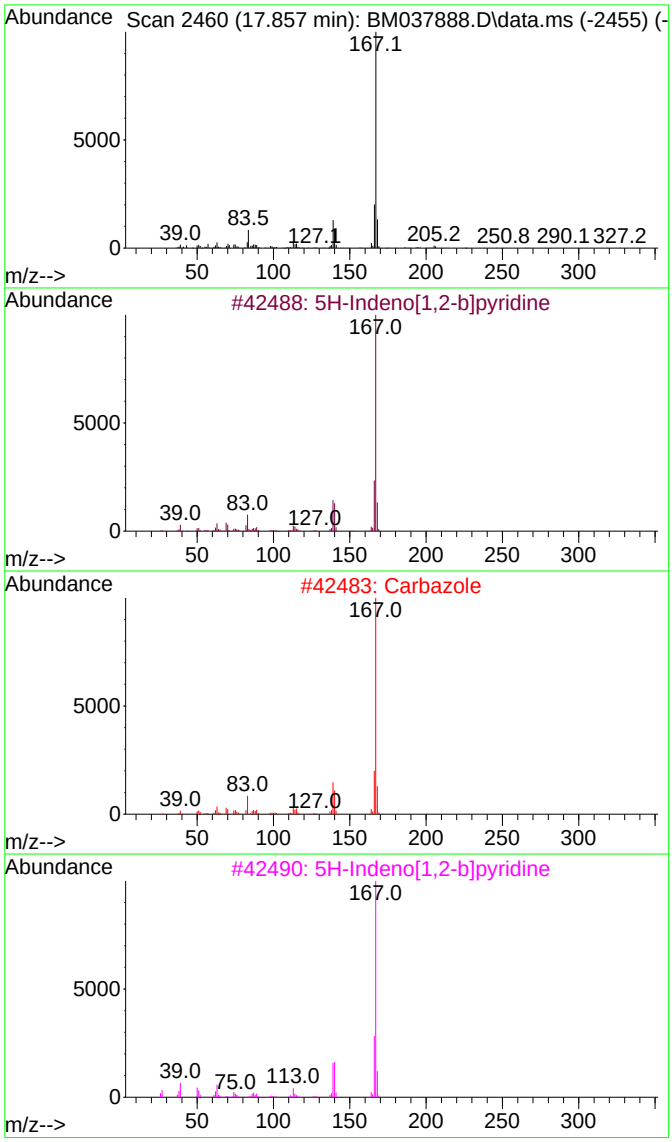
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

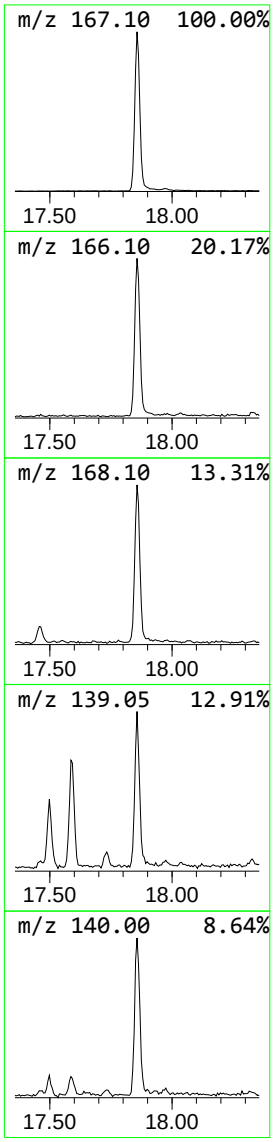
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	4.36 ng/ul	739423	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

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

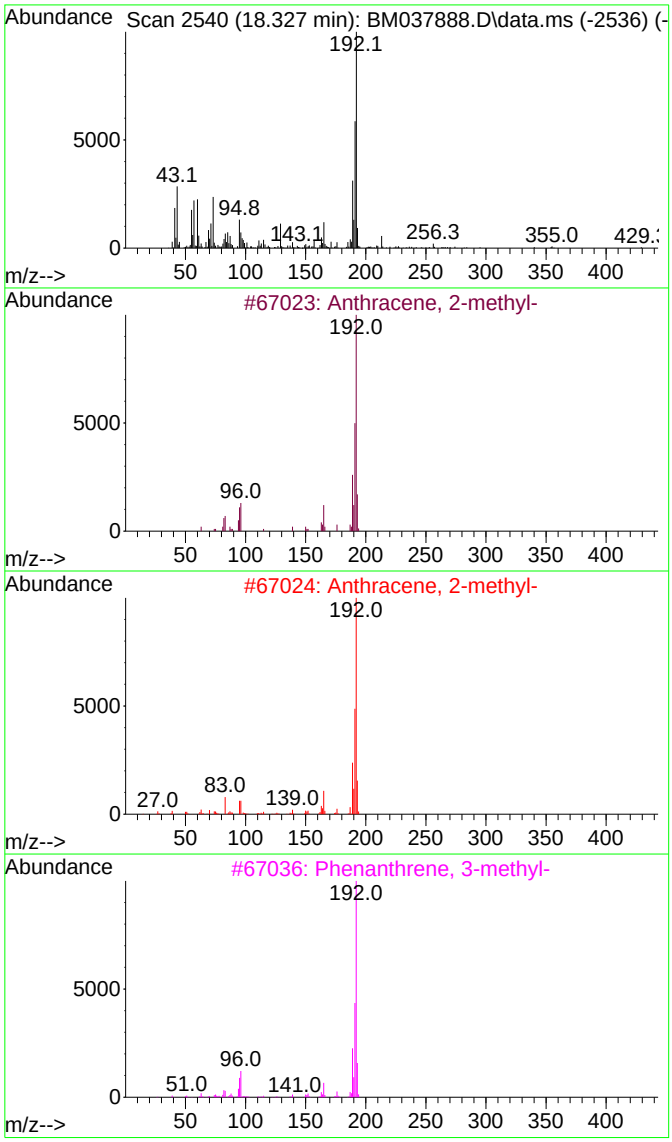
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

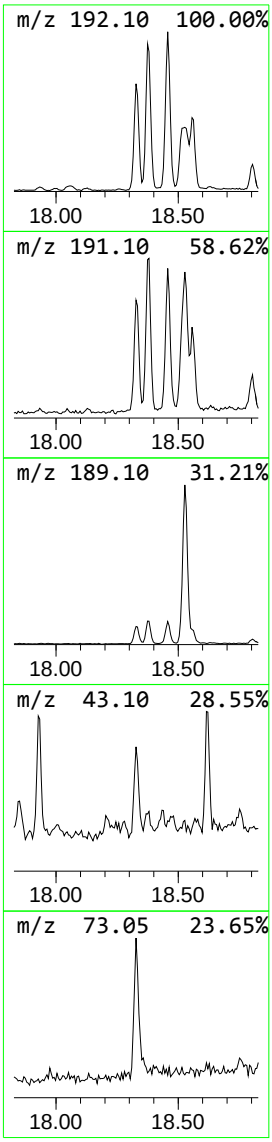
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	2.26 ng/ul	383464	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
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Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

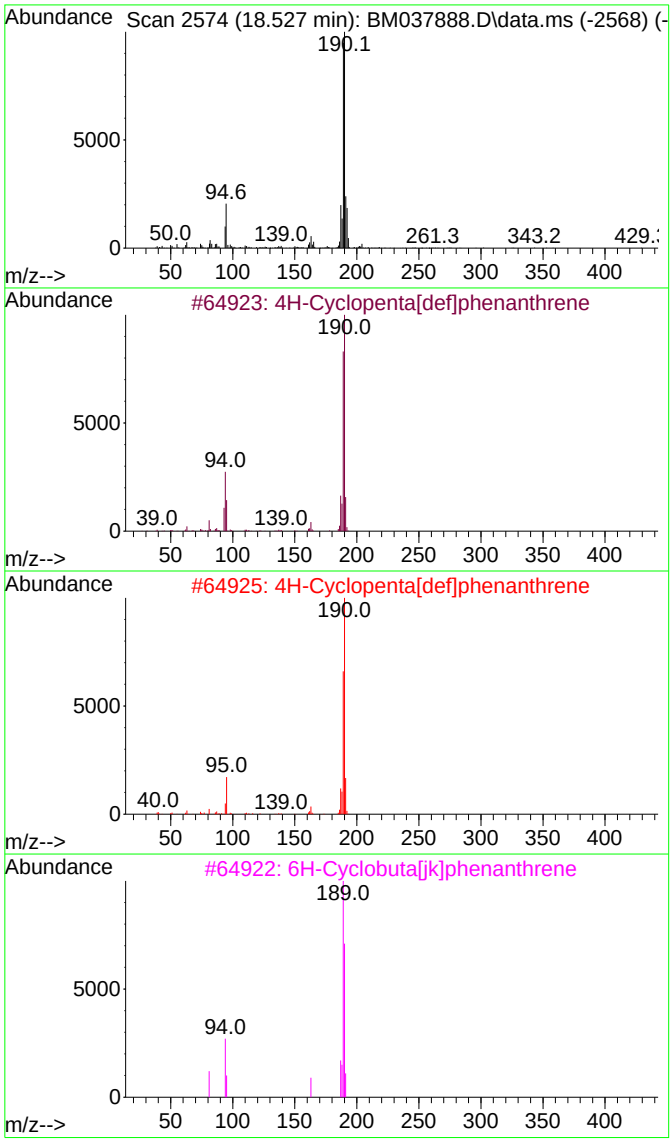
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

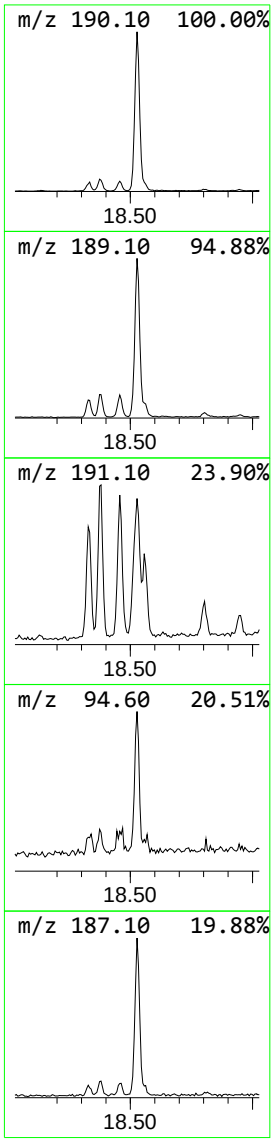
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	5.02 ng/ul	852373	Phenanthrene-d10	17.457

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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

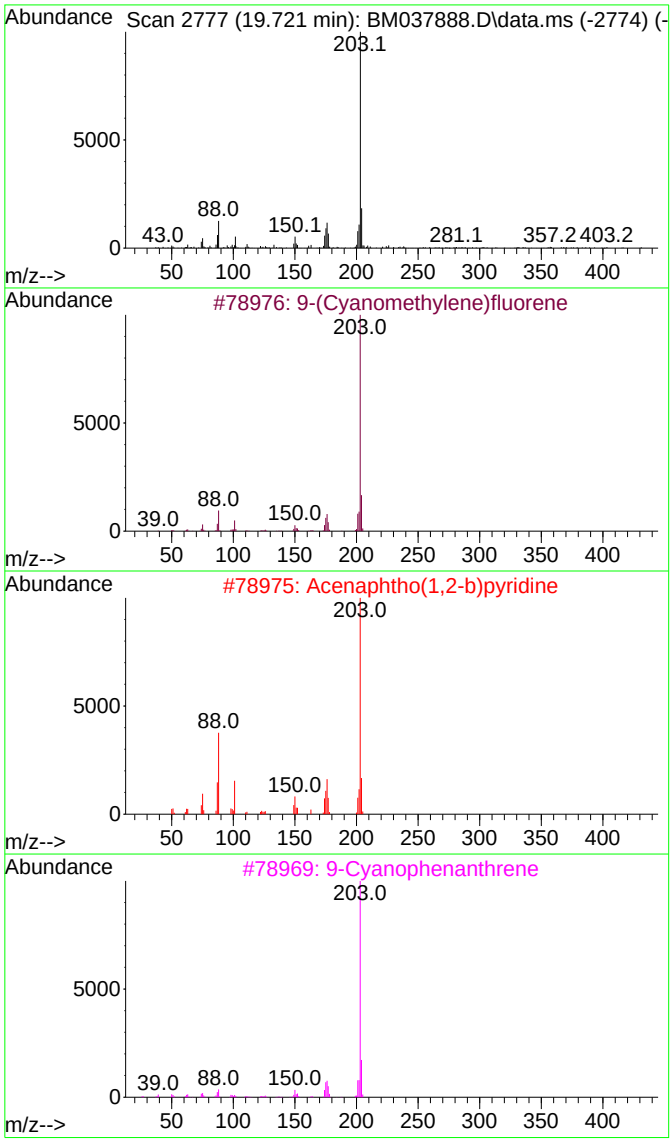
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

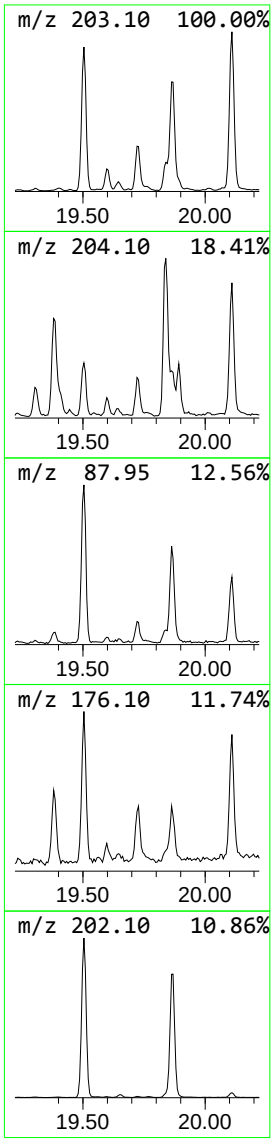
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9-(Cyanomethylene)fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	2.05 ng/ul	401380	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
2	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	95
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	94
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	94





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Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

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

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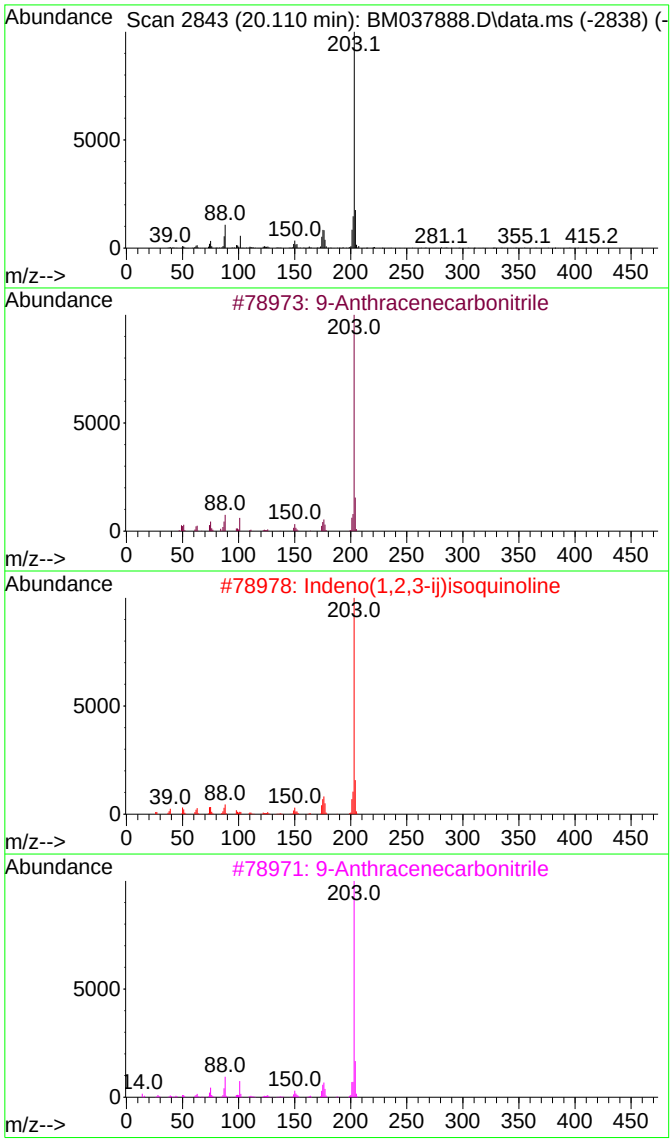
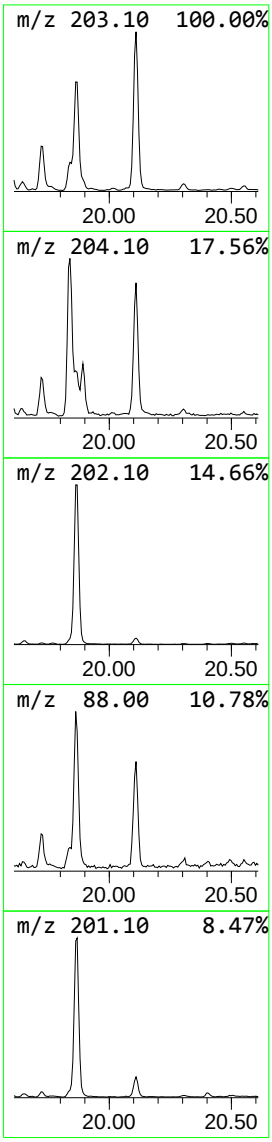
Peak Number 6 9-Anthracenecarbonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	4.33 ng/ul	846377	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

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

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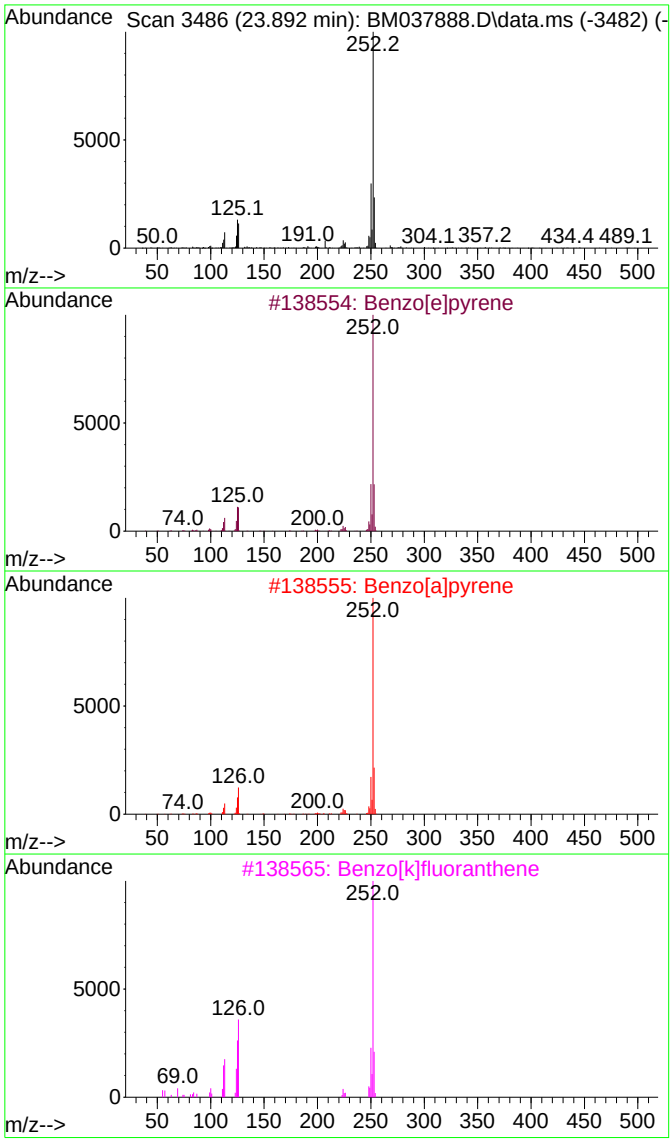
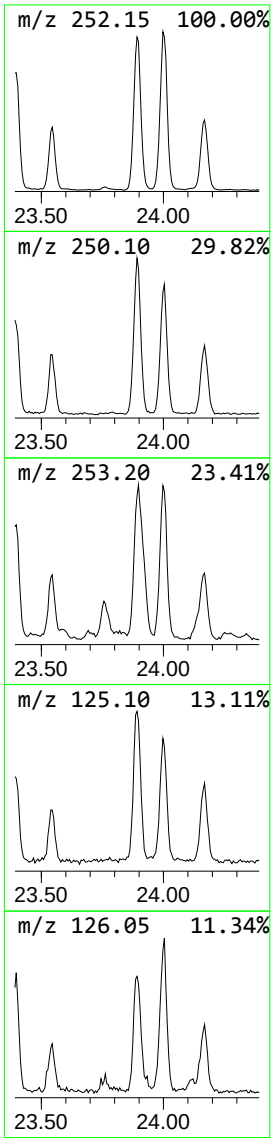
Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.892	7.79 ng/ul	917374	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037888.D
Acq On : 08 Dec 2022 15:59
Operator : CG/JU
Sample : N5832-23 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL8

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	3.4	ng/ul	554949	3	14.716	3243180	20.0
5H-Indeno[1,2-b...	17.857	4.4	ng/ul	739423	4	17.457	3395160	20.0
Anthracene, 2-m...	18.327	2.3	ng/ul	383464	4	17.457	3395160	20.0
4H-Cyclopenta[d...	18.527	5.0	ng/ul	852373	4	17.457	3395160	20.0
9-(Cyanomethyle...	19.721	2.0	ng/ul	401380	5	21.627	3910450	20.0
9-Anthracenecar...	20.110	4.3	ng/ul	846377	5	21.627	3910450	20.0
Benzo[e]pyrene	23.892	7.8	ng/ul	917374	6	24.115	2354570	20.0