LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

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: BM037923.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.899	84	87	93	rBV3	11610	26365	0.45%	0.058%
2	3.969	97	99	104	rVV6	11329	15086	0.26%	0.033%
3	4.193	133	137	144	rVB	15380	23327	0.40%	0.051%
4	6.046	447	452	455	rBV4	6722	11106	0.19%	0.024%
5	7.234	649	654	664	rVB	58693	93037	1.58%	0.205%
6	7.404	677	683	693	rBV	46825	81038	1.38%	0.178%
7	7.610	713	718	725	rVB	55199	89866	1.53%	0.198%
8	7.740	734	740	745	rVB9	5805	10740	0.18%	0.024%
9	8.081	791	798	806	rVB	944432	1438806	24.45%	3.165%
10	8.628	885	891	899	rBV	29086	56709	0.96%	0.125%
11	8.793	912	919	928	rBV	62693	106223	1.80%	0.234%
12	9.251	992	997	1007	rBV	51540	89869	1.53%	0.198%
13	9.981	1115	1121	1127	rBV2	39500	68513	1.16%	0.151%
14	10.522	1204	1213	1221	rBV	58516	105962	1.80%	0.233%
15	10.904	1270	1278	1283	rBV	1249735	2082106	35.38%	4.580%
16	10.951	1283	1286	1296	rVV	77673	124653	2.12%	0.274%
17	11.039	1296	1301	1311	rVV2	39169	81389	1.38%	0.179%
18	12.551	1552	1558	1564	rBV	69966	103120	1.75%	0.227%
19	12.675	1571	1579	1587	rBV8	7154	17325	0.29%	0.038%
20	12.769	1587	1595	1603	rVB3	18962	35880	0.61%	0.079%
21	13.551	1719	1728	1733	rVB2	23224	45480	0.77%	0.100%
22	13.592	1733	1735	1741	rBV7	6312	11916	0.20%	0.026%
23	13.875	1774	1783	1784	rBV8	13120	17952	0.31%	0.039%
24	14.033	1801	1810	1816	rBV6	17403	38924	0.66%	0.086%
25	14.116	1816	1824	1829	rVV	119568	178569	3.03%	0.393%
26	14.169	1829	1833	1838	rVB6	12891	22034	0.37%	0.048%
27	14.245	1838	1846	1847	rBV2	14171	23219	0.39%	0.051%
28	14.269	1847	1850	1859	rVB3	19711	33710	0.57%	0.074%
29	14.404	1868	1873	1876	rBV	127208	200378	3.40%	0.441%
30	14.433	1876	1878	1890	rVB	105685	164289	2.79%	0.361%
31	14.592	1900	1905	1909	rBV	27237	36029	0.61%	0.079%
32	14.710	1913	1925	1931	rBV	1759551	2583840	43.90%	5.683%
33	14.774	1931	1936	1943	rVB	174096	268205	4.56%	0.590%
34	14.910	1954	1959	1968	rVB6	23263	51965	0.88%	0.114%
35	15.022	1974	1978	1985	rVB6	16001	31100	0.53%	0.068%
36	15.104	1985	1992	2002	rBV	164931	274540	4.66%	0.604%

LSC Area Percent Report

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Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBXN2

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	15.322	2024	2029	2034	rBV4	20482	37322	0.63%	0.082%
38	15.374	2035	2038	2050	rVB8	11313	29943	0.51%	0.066%
39	15.533	2061	2065	2070	rVB	42053	55094	0.94%	0.121%
40	15.586	2070	2074	2079	rBV7	7016	14772	0.25%	0.032%
41	15.698	2088	2093	2097	rBV	175801	234265	3.98%	0.515%
42	15.751	2097	2102	2109	rVB	341850	499127	8.48%	1.098%
43	15.816	2109	2113	2116	rBV4	26002	38138	0.65%	0.084%
44	15.874	2120	2123	2126	rBV4	15677	15940	0.27%	0.035%
45	15.916	2126	2130	2132	rBV5	18104	23372	0.40%	0.051%
46	16.004	2141	2145	2148	rBV2	17922	22840	0.39%	0.050%
47	16.045	2148	2152	2157	rVB	37050	55317	0.94%	0.122%
48	16.157	2168	2171	2174	rBV3	16168	26229	0.45%	0.058%
49	16.192	2174	2177	2184	rVB	42799	78816	1.34%	0.173%
50	16.398	2207	2212	2214	rBV2	83500	125056	2.12%	0.275%
51	16.421	2214	2216	2227	rVB3	89018	151580	2.58%	0.333%
52	16.551	2235	2238	2244	rBV8	10866	17610	0.30%	0.039%
53	16.745	2263	2271	2277	rBV6	39341	109922	1.87%	0.242%
54	16.798	2277	2280	2287	rVB4	22981	35704	0.61%	0.079%
55	16.898	2295	2297	2302	rVB6	25115	32382	0.55%	0.071%
56	16.974	2304	2310	2314	rBV7	30075	65456	1.11%	0.144%
57	17.021	2316	2318	2321	rVB4	23494	25746	0.44%	0.057%
58	17.104	2327	2332	2337	rBV2	78696	118101	2.01%	0.260%
59	17.186	2341	2346	2351	rVV2	96571	148518	2.52%	0.327%
60	17.239	2351	2355	2357	rVV	67060	96353	1.64%	0.212%
61	17.268	2357	2360	2367	rVB	86747	128252	2.18%	0.282%
62	17.451	2385	2391	2395	rBV	2082302	2985804	50.73%	6.567%
63	17.492	2395	2398	2403	rVB	1326020	1693925	28.78%	3.726%
64	17.551	2403	2408	2409	rBV	179362	224838	3.82%	0.495%
65	17.586	2409	2414	2420	rVB	4319310	5885245	100.00%	12.945%
66	17.727	2434	2438	2444	rVB	53262	82369	1.40%	0.181%
67	17.851	2454	2459	2468	rBV	719652	1051593	17.87%	2.313%
68	17.927	2468	2472	2475	rVV	89537	108426	1.84%	0.238%
69	17.968	2476	2479	2484	rVB2	34803	45733	0.78%	0.101%
70	18.321	2535	2539	2543	rBV	123078	163702	2.78%	0.360%
71	18.374	2544	2548	2555	rVB	140653	193334	3.29%	0.425%
72	18.451	2557	2561	2567	rVB	154183	211453	3.59%	0.465%
73	18.521	2567	2573	2577	rBV	376977	609941	10.36%	1.342%
74	18.615	2585	2589	2594	rBV2	107492	152950	2.60%	0.336%
75	18.715	2602	2606	2613	rBV2	73616	129144	2.19%	0.284%
76	18.821	2621	2624	2627	rVB	65214	79232	1.35%	0.174%

LSC Area Percent Report

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Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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DBXN2

Integration Parameters: LSCINT.P
Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

77	18.862	2627	2631	2636	rBV3	105201	138754	2.36%	0.305%
78	19.239	2692	2695	2700	rVB3	102519	129414	2.20%	0.285%
79	19.380	2714	2719	2727	rBV	214951	355030	6.03%	0.781%
80	19.498	2734	2739	2745	rBV	2380975	3180528	54.04%	6.996%
81	19.598	2752	2756	2759	rVB	84058	105949	1.80%	0.233%
82	19.721	2773	2777	2779	rBV	130978	173570	2.95%	0.382%
83	19.827	2790	2795	2797	rBV3	553686	810813	13.78%	1.783%
84	19.862	2797	2801	2809	rVV	2389440	3140882	53.37%	6.909%
85	19.927	2810	2812	2818	rVB3	91486	119073	2.02%	0.262%
86	20.039	2828	2831	2837	rVB	78787	92524	1.57%	0.204%
87	20.104	2837	2842	2847	rVB	427199	594875	10.11%	1.308%
88	20.180	2851	2855	2856	rBV2	99586	127374	2.16%	0.280%
89	20.351	2873	2884	2888	rBV3	287212	749462	12.73%	1.648%
90	20.398	2889	2892	2896	rBV	152996	167525	2.85%	0.368%
91	20.451	2897	2901	2905	rBV	193472	259993	4.42%	0.572%
92	20.651	2931	2935	2938	rBV2	167922	223938	3.81%	0.493%
93	21.303	3043	3046	3049	rVB2	155464	174426	2.96%	0.384%
94	21.339	3049	3052	3057	rVB2	285590	354245	6.02%	0.779%
95	21.621	3094	3100	3104	rBV2	2172025	3563208	60.54%	7.838%
96	21.656	3104	3106	3112	rVB	616605	735447	12.50%	1.618%
97	23.345	3388	3393	3399	rBV	882014	1904053	32.35%	4.188%
98	23.886	3480	3485	3491	rBV	445871	800298	13.60%	1.760%
99	23.992	3500	3503	3511	rVB	451888	765610	13.01%	1.684%
100	24.103	3516	3522	3529	rVV	1204932	2349522	39.92%	5.168%

Sum of corrected areas: 45463327

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
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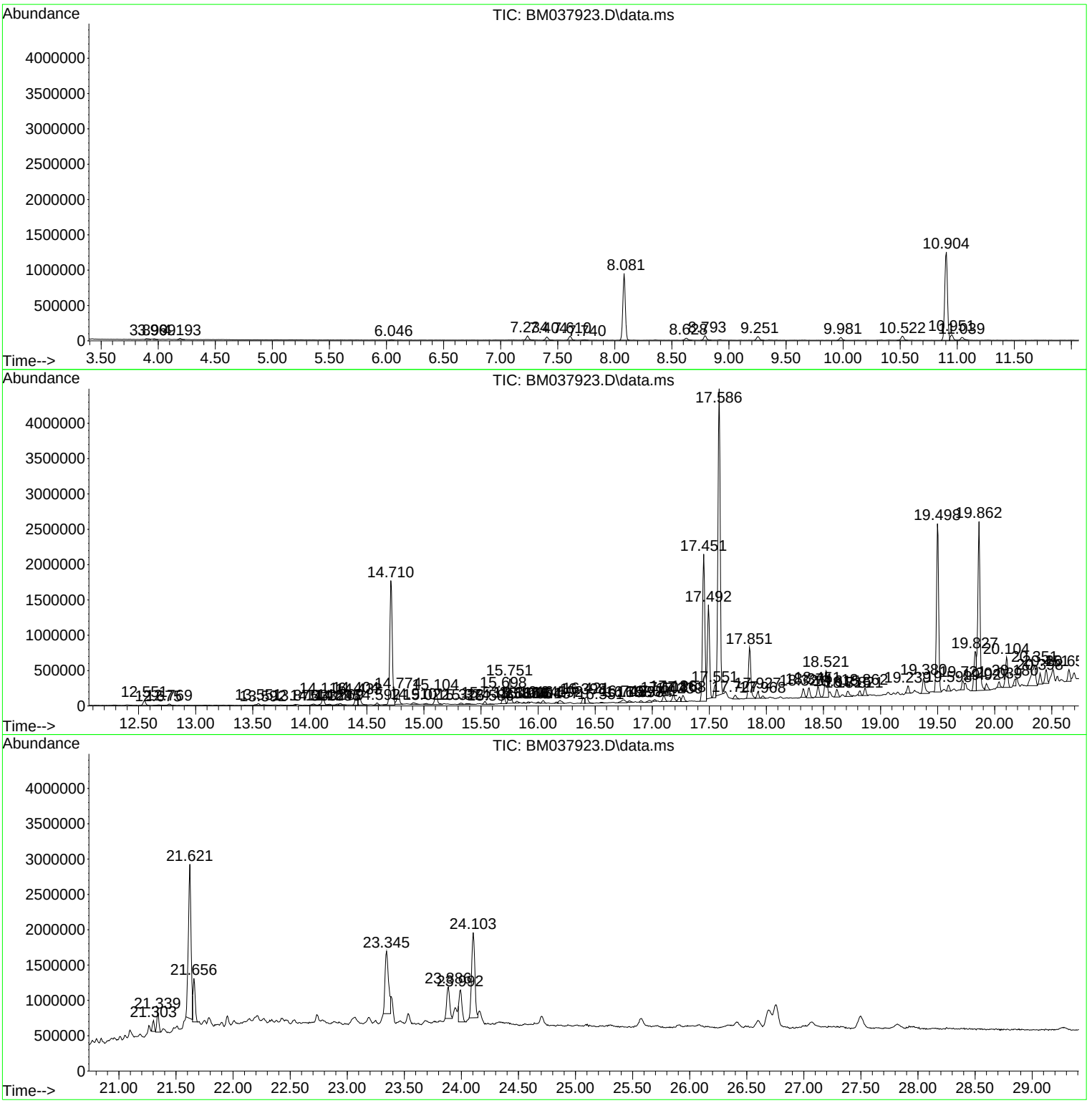
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

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\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
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DBXN2

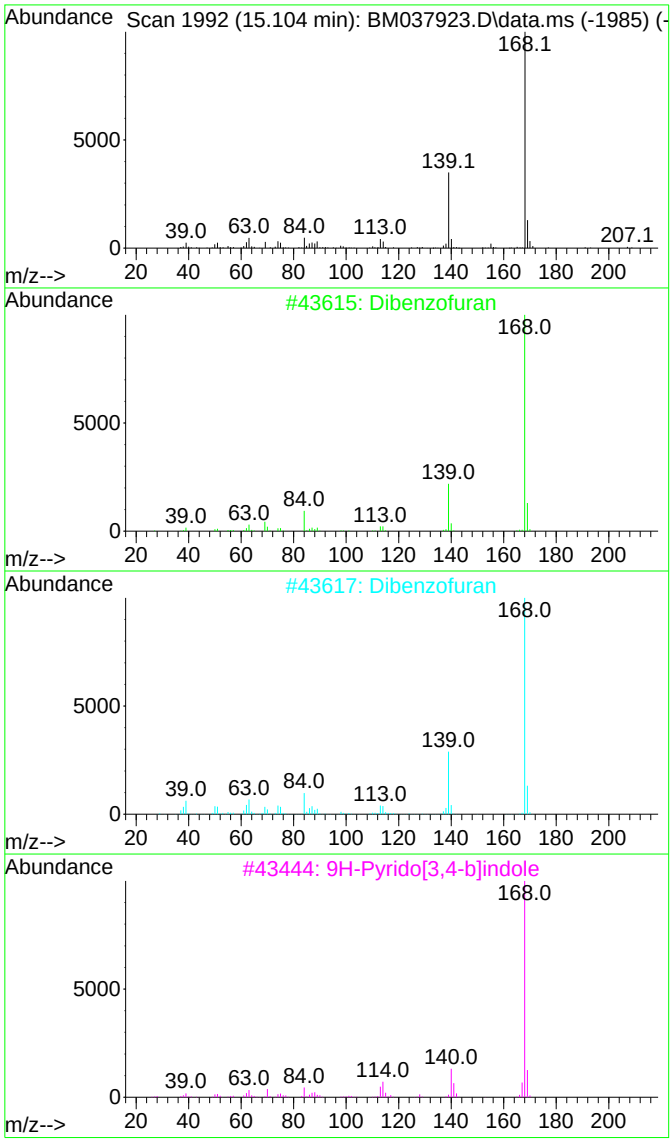
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

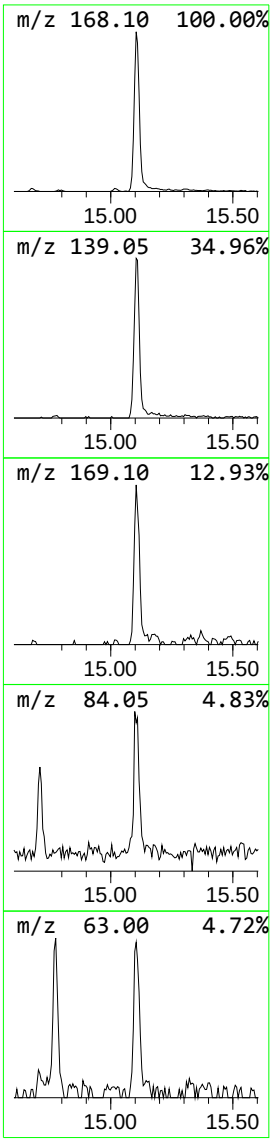
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dibenzofuran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	2.13 ng/ul	274540	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	86
2	Dibenzofuran	168	C12H8O	000132-64-9	80
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
4	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	59
5	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

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

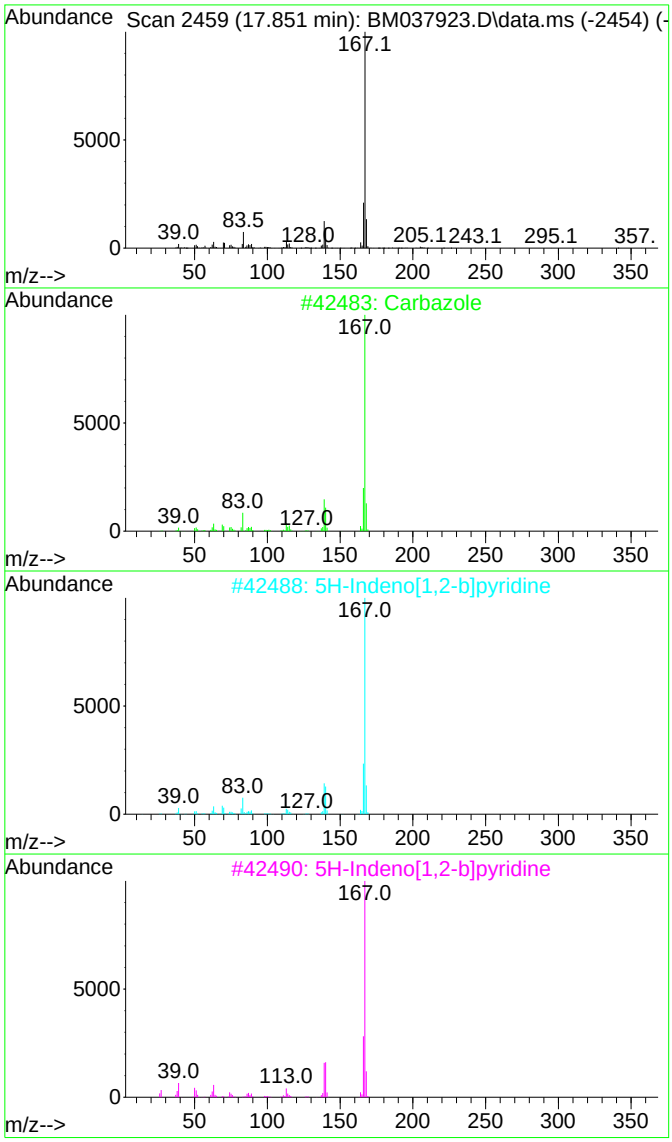
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

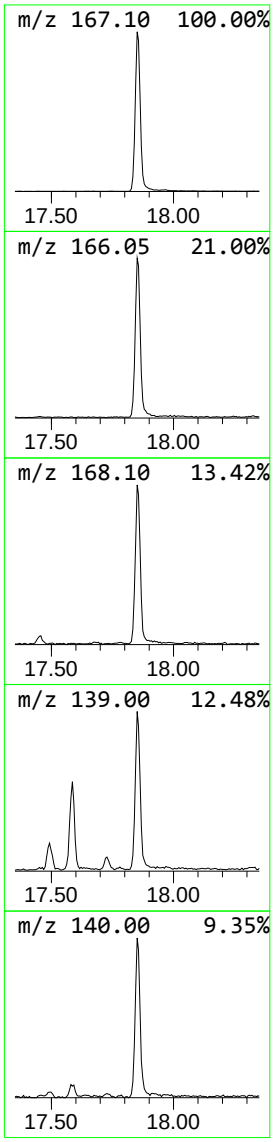
****

Peak Number 2 Carbazole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	7.04 ng/ul	1051590	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

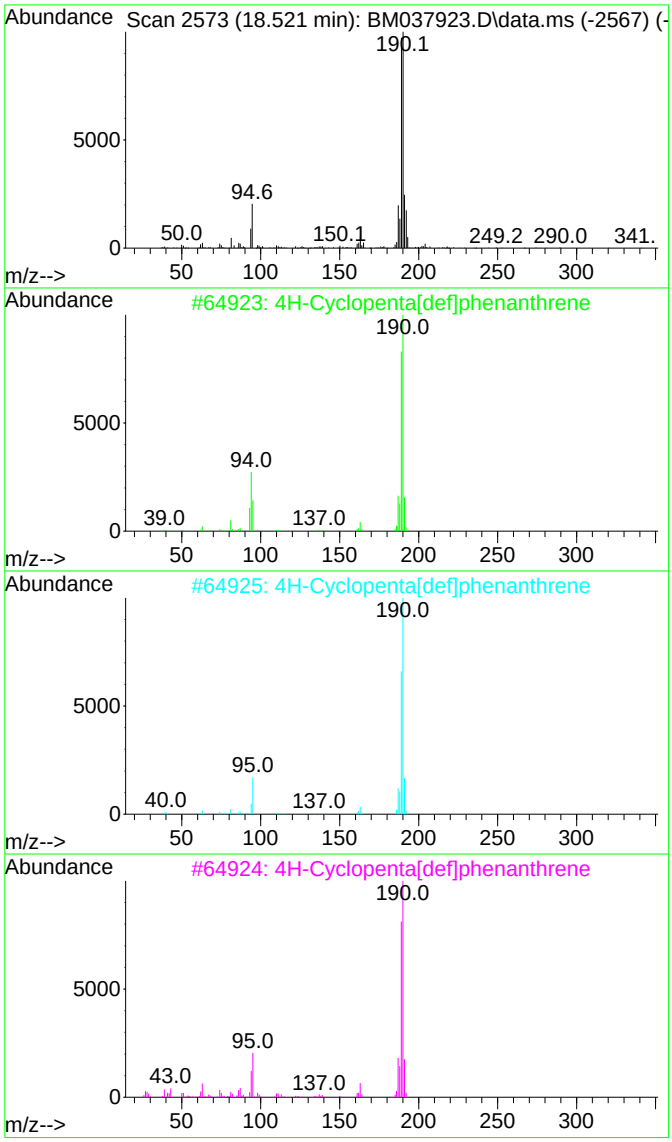
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

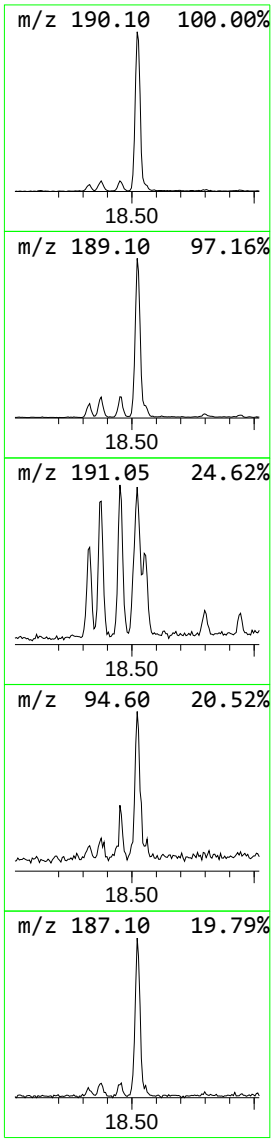
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	4.09 ng/ul	609941	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

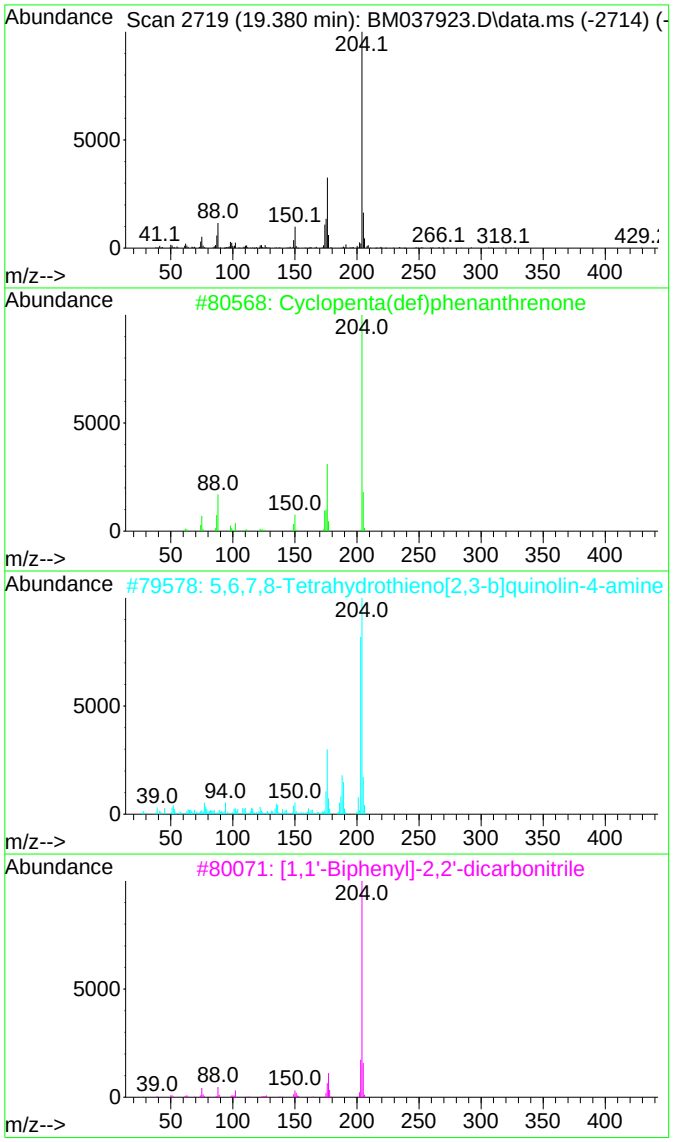
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

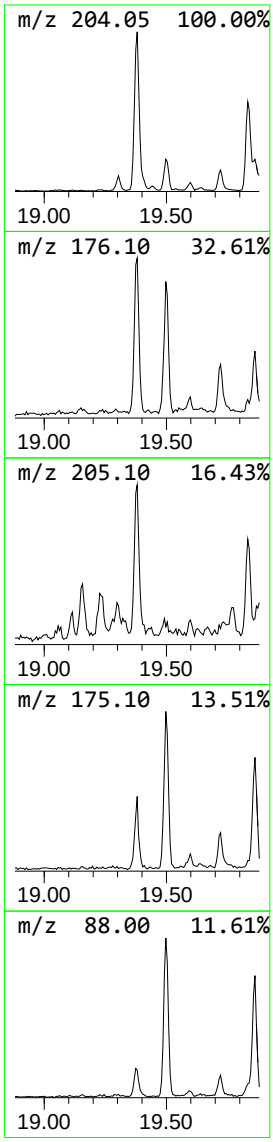
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	2.38 ng/ul	355030	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
4	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	59
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

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

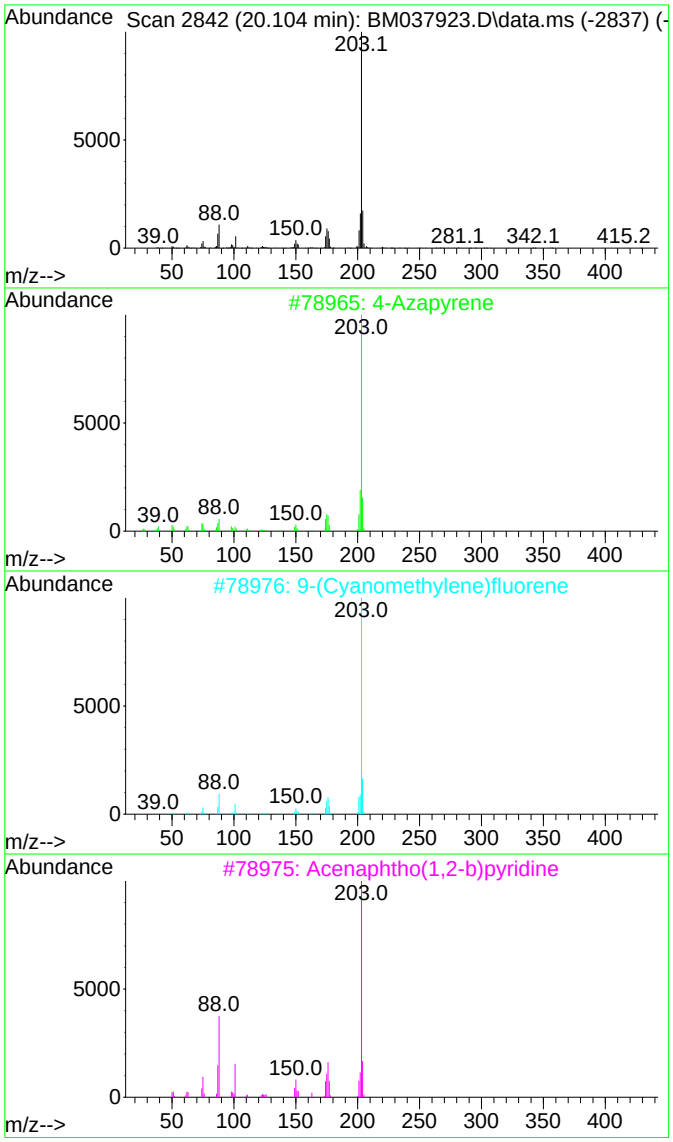
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

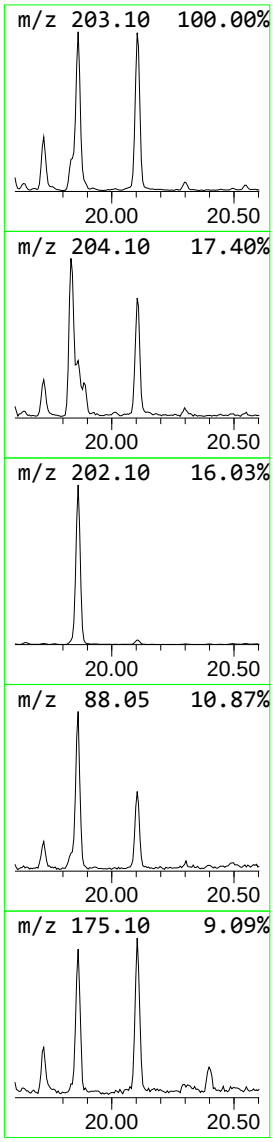
****

Peak Number 5 4-Azapyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	3.34 ng/ul	594875	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Azapyrene	203	C15H9N	000194-03-6	97
2	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	95
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95





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Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

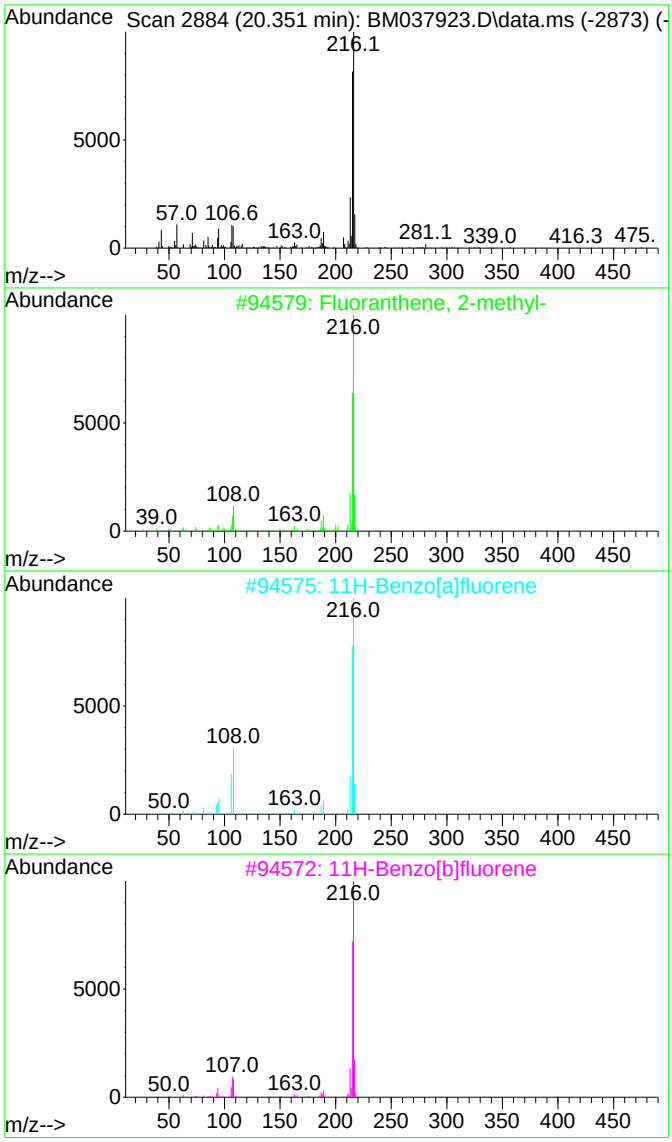
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

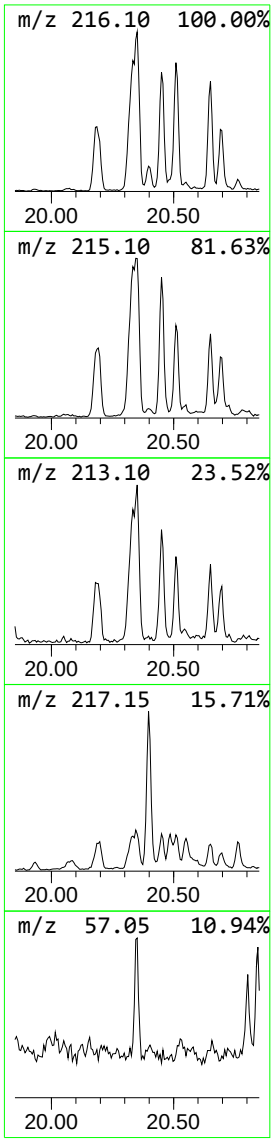
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	4.21 ng/ul	749462	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

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

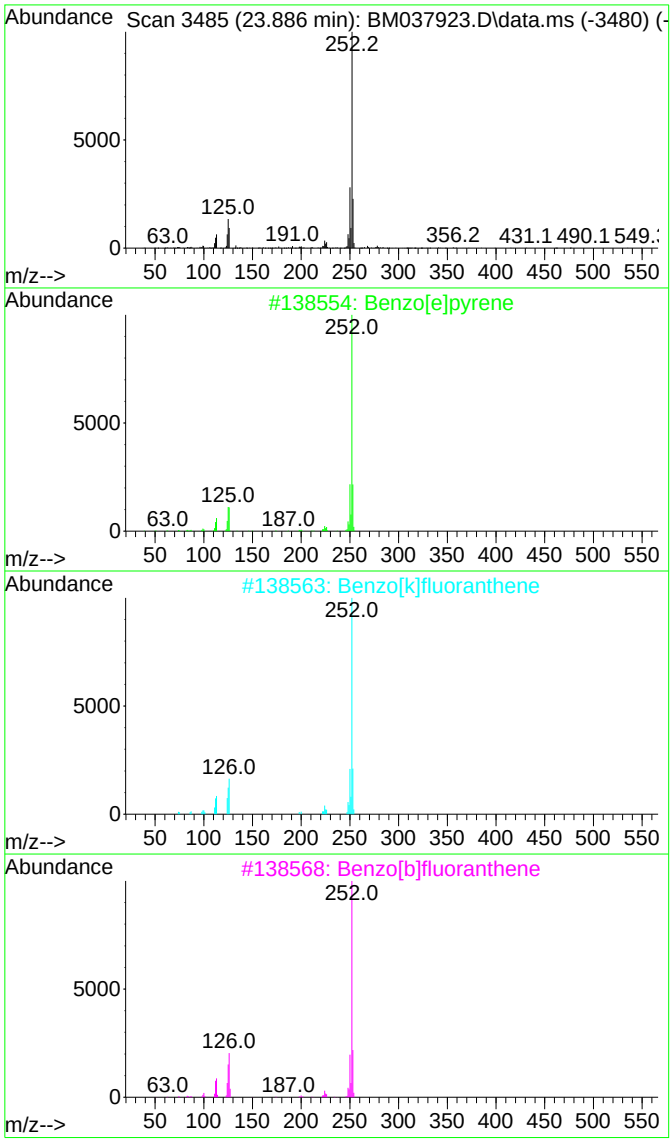
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

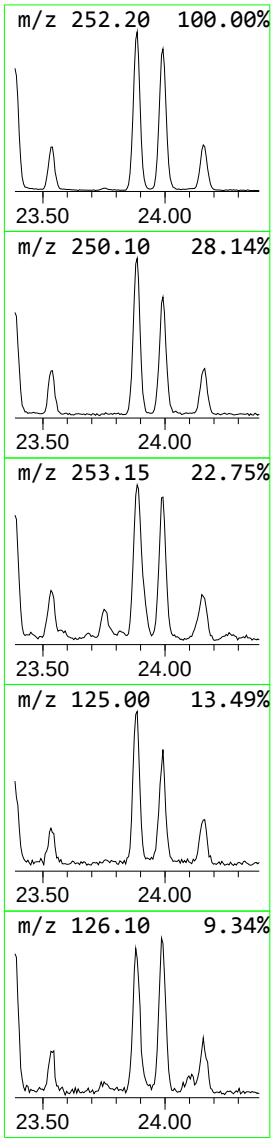
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	6.81 ng/ul	800298	Perylene-d12	24.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037923.D
Acq On : 09 Dec 2022 18:57
Operator : CG/JU
Sample : N5896-14 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN2

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	15.104	2.1	ng/ul	274540	3	14.710	2583840	20.0
Carbazole	17.851	7.0	ng/ul	1051590	4	17.451	2985800	20.0
4H-Cyclopenta[d...	18.521	4.1	ng/ul	609941	4	17.451	2985800	20.0
Cyclopenta(def)...	19.380	2.4	ng/ul	355030	4	17.451	2985800	20.0
4-Azapyrene	20.104	3.3	ng/ul	594875	5	21.621	3563210	20.0
Fluoranthene, 2...	20.351	4.2	ng/ul	749462	5	21.621	3563210	20.0
Benzo[e]pyrene	23.886	6.8	ng/ul	800298	6	24.103	2349520	20.0