LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

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: BM037916.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.193	133	137	142	rVB	9911	13639	0.47%	0.044%
2	6.046	442	452	455	rBV7	9430	16847	0.58%	0.054%
3	7.234	648	654	663	rVB	48397	87503	2.99%	0.281%
4	7.404	676	683	691	rBV	38545	67609	2.31%	0.217%
5	7.610	712	718	726	rVB	52113	84399	2.88%	0.271%
6	7.728	734	738	743	rVB6	7280	12995	0.44%	0.042%
7	8.081	791	798	806	rBV	608701	940647	32.11%	3.021%
8	8.351	838	844	849	rBV3	11854	19671	0.67%	0.063%
9	8.628	884	891	902	rBV2	49626	99162	3.38%	0.319%
10	8.793	913	919	927	rVB2	55008	95608	3.26%	0.307%
11	8.922	936	941	945	rBV4	4520	7876	0.27%	0.025%
12	9.251	991	997	1004	rBV	44197	77841	2.66%	0.250%
13	9.357	1014	1015	1020	rVB5	5801	5579	0.19%	0.018%
14	9.981	1115	1121	1128	rBV	34946	60165	2.05%	0.193%
15	10.328	1171	1180	1184	rBV8	7137	15649	0.53%	0.050%
16	10.398	1186	1192	1194	rBV5	5773	7957	0.27%	0.026%
17	10.522	1206	1213	1222	rBV	52564	93551	3.19%	0.300%
18	10.904	1271	1278	1283	rBV	829728	1382185	47.18%	4.440%
19	10.951	1283	1286	1293	rVB2	75477	118094	4.03%	0.379%
20	11.045	1295	1302	1314	rBV3	36989	83945	2.87%	0.270%
21	12.292	1508	1514	1519	rBV9	5613	10234	0.35%	0.033%
22	12.398	1526	1532	1537	rBV5	8412	17388	0.59%	0.056%
23	12.445	1537	1540	1547	rVV8	3528	9341	0.32%	0.030%
24	12.551	1549	1558	1565	rVB	57172	90171	3.08%	0.290%
25	12.669	1573	1578	1580	rBV4	6246	9209	0.31%	0.030%
26	12.769	1589	1595	1602	rVB	26532	44127	1.51%	0.142%
27	13.057	1640	1644	1650	rBV6	2445	6068	0.21%	0.019%
28	13.551	1719	1728	1733	rVB3	15672	30885	1.05%	0.099%
29	13.692	1746	1752	1758	rBV5	8150	17145	0.59%	0.055%
30	13.739	1758	1760	1764	rBV4	4725	6641	0.23%	0.021%
31	13.875	1779	1783	1784	rBV3	11677	14447	0.49%	0.046%
32	14.033	1802	1810	1815	rBV5	20014	35520	1.21%	0.114%
33	14.116	1815	1824	1829	rVV	98131	146921	5.01%	0.472%
34	14.169	1829	1833	1839	rVB4	9729	18137	0.62%	0.058%
35	14.245	1841	1846	1847	rBV5	6379	7689	0.26%	0.025%
36	14.269	1847	1850	1855	rVB3	11199	14948	0.51%	0.048%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

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	14.410	1868	1874	1875	rVV	112858	156136	5.33%	0.502%
38	14.433	1875	1878	1891	rVV	169026	288794	9.86%	0.928%
39	14.533	1893	1895	1900	rVB6	4074	5964	0.20%	0.019%
40	14.592	1900	1905	1908	rBV3	13476	18335	0.63%	0.059%
41	14.710	1918	1925	1932	rBV	1153836	1735611	59.24%	5.575%
42	14.774	1932	1936	1945	rVV	138349	215187	7.34%	0.691%
43	14.851	1946	1949	1954	rVV	12613	19371	0.66%	0.062%
44	14.910	1954	1959	1966	rVB6	20750	43812	1.50%	0.141%
45	15.016	1975	1977	1981	rVB4	8424	10037	0.34%	0.032%
46	15.104	1987	1992	2003	rBV	111385	187844	6.41%	0.603%
47	15.180	2003	2005	2009	rVB4	6641	5886	0.20%	0.019%
48	15.327	2026	2030	2033	rVB6	9495	16078	0.55%	0.052%
49	15.380	2035	2039	2040	rBV4	5288	6180	0.21%	0.020%
50	15.486	2056	2057	2061	rVB4	8486	6718	0.23%	0.022%
51	15.533	2061	2065	2069	rBV4	18826	27565	0.94%	0.089%
52	15.580	2069	2073	2079	rVB7	6950	10954	0.37%	0.035%
53	15.698	2088	2093	2098	rBV2	147394	214816	7.33%	0.690%
54	15.751	2098	2102	2109	rVV	192659	279964	9.56%	0.899%
55	15.816	2109	2113	2121	rVB6	30819	51672	1.76%	0.166%
56	15.874	2121	2123	2126	rBV4	6178	7667	0.26%	0.025%
57	15.921	2128	2131	2132	rBV3	10385	10959	0.37%	0.035%
58	16.051	2149	2153	2157	rVB4	18364	32551	1.11%	0.105%
59	16.086	2157	2159	2166	rVB6	11156	17080	0.58%	0.055%
60	16.163	2168	2172	2174	rBV3	10812	16855	0.58%	0.054%
61	16.192	2174	2177	2185	rVB	22309	45932	1.57%	0.148%
62	16.280	2190	2192	2197	rVB6	11388	15389	0.53%	0.049%
63	16.398	2208	2212	2213	rBV3	42093	52296	1.78%	0.168%
64	16.421	2213	2216	2224	rVB3	85487	150683	5.14%	0.484%
65	16.904	2296	2298	2300	rVB3	9924	7407	0.25%	0.024%
66	17.027	2316	2319	2326	rVB2	24894	31938	1.09%	0.103%
67	17.104	2327	2332	2338	rBV2	84703	132673	4.53%	0.426%
68	17.186	2342	2346	2351	rVV2	70080	95987	3.28%	0.308%
69	17.239	2351	2355	2358	rVV	76418	124325	4.24%	0.399%
70	17.268	2358	2360	2367	rVB	44970	62347	2.13%	0.200%
71	17.451	2385	2391	2395	rBV	1519050	2170314	74.08%	6.971%
72	17.492	2395	2398	2403	rVV	652974	853174	29.12%	2.740%
73	17.551	2403	2408	2409	rVV	170415	208412	7.11%	0.669%
74	17.586	2409	2414	2420	rVB	1870252	2660439	90.80%	8.545%
75	17.851	2454	2459	2468	rBV	343691	505545	17.25%	1.624%
76	17.927	2468	2472	2476	rVB	83723	101639	3.47%	0.326%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

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	18.121	2502	2505	2513	rVB2	36224	54394	1.86%	0.175%
78	18.327	2536	2540	2544	rBV3	70897	95778	3.27%	0.308%
79	18.368	2544	2547	2554	rVB	59295	86196	2.94%	0.277%
80	18.451	2557	2561	2567	rVB	90017	133592	4.56%	0.429%
81	18.527	2569	2574	2578	rBV2	118678	195970	6.69%	0.629%
82	18.615	2586	2589	2594	rBV2	96026	113965	3.89%	0.366%
83	18.715	2602	2606	2616	rBV	81531	138774	4.74%	0.446%
84	18.862	2628	2631	2635	rBV2	91193	123321	4.21%	0.396%
85	19.245	2693	2696	2702	rVB3	94172	111001	3.79%	0.357%
86	19.380	2715	2719	2723	rBV	103527	150528	5.14%	0.483%
87	19.498	2734	2739	2744	rVB	949725	1200739	40.98%	3.857%
88	19.598	2752	2756	2760	rBV	112392	148681	5.07%	0.478%
89	19.721	2773	2777	2789	rVB2	235148	397204	13.56%	1.276%
90	19.827	2790	2795	2798	rBV3	369677	637634	21.76%	2.048%
91	19.862	2798	2801	2809	rVB	781303	1051314	35.88%	3.377%
92	20.104	2837	2842	2848	rVB	744730	996964	34.03%	3.202%
93	20.398	2889	2892	2896	rBV	241739	281416	9.61%	0.904%
94	20.551	2915	2918	2922	rVB2	125036	143122	4.88%	0.460%
95	21.339	3049	3052	3057	rVB	242128	322428	11.00%	1.036%
96	21.621	3095	3100	3105	rBV	2020994	2929856	100.00%	9.411%
97	23.345	3388	3393	3399	rBV2	1350480	2898090	98.92%	9.309%
98	23.886	3481	3485	3492	rBV	549100	981887	33.51%	3.154%
99	23.997	3499	3504	3512	rVB	685399	1319290	45.03%	4.238%
100	24.109	3517	3523	3528	rBV2	1160229	2246908	76.69%	7.217%

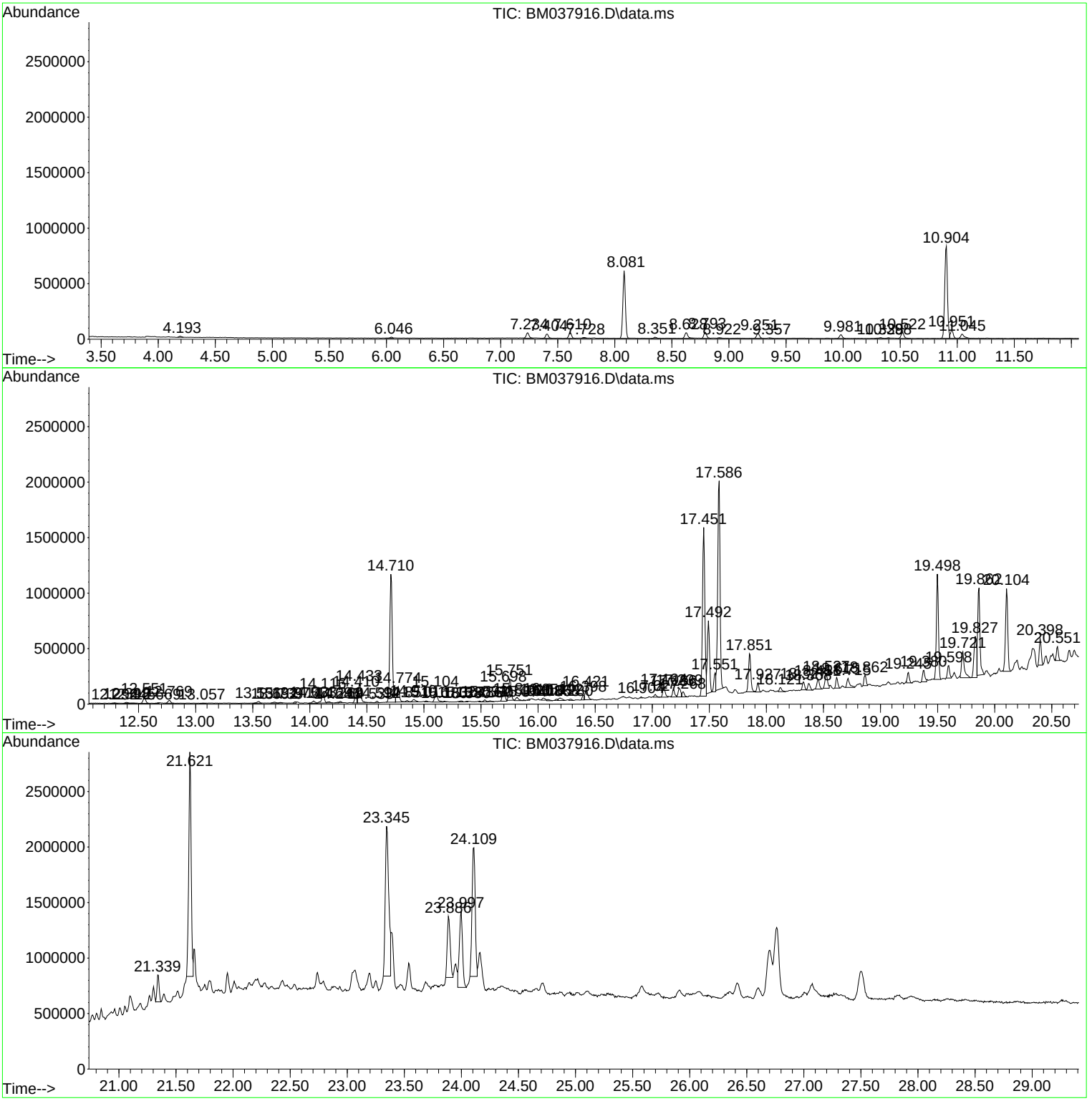
Sum of corrected areas: 31133381

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

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 : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

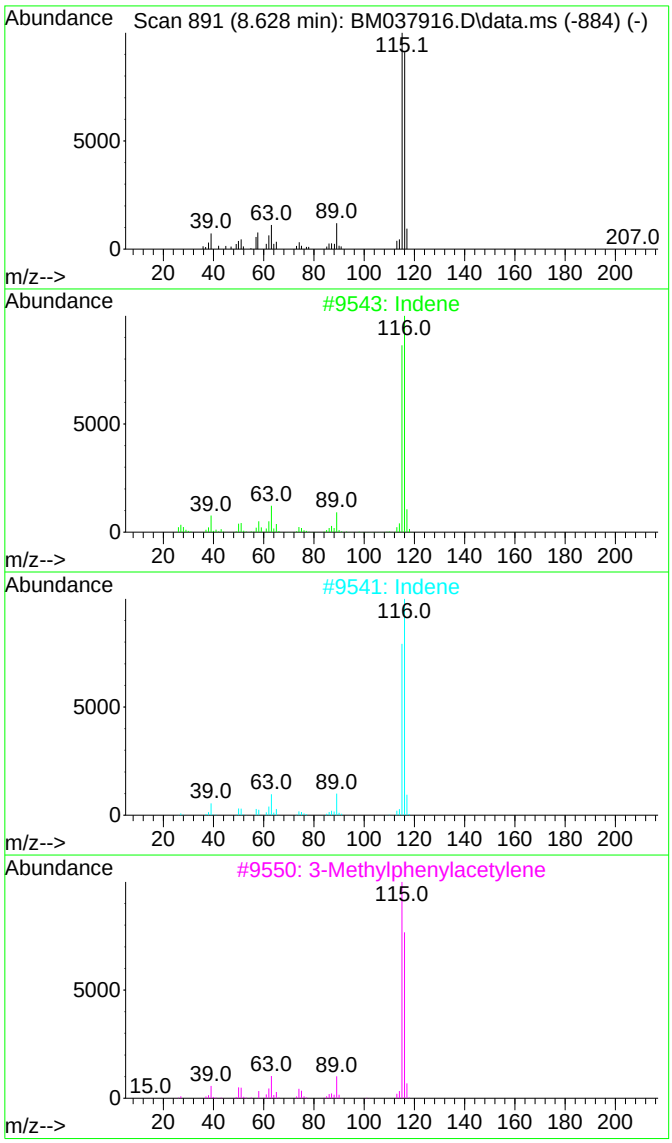
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

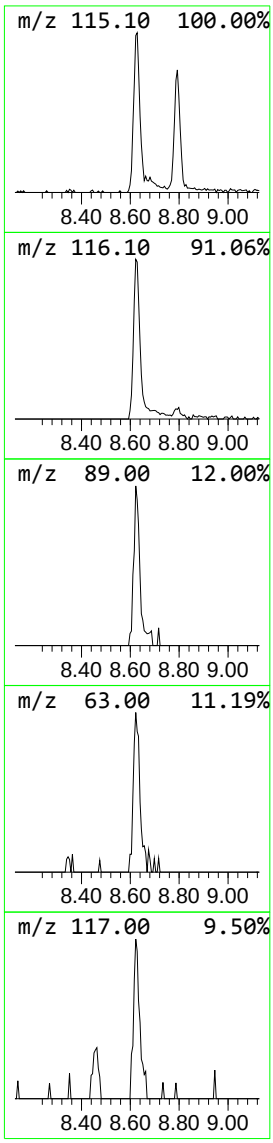
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	2.11 ng/ul	99162	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

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

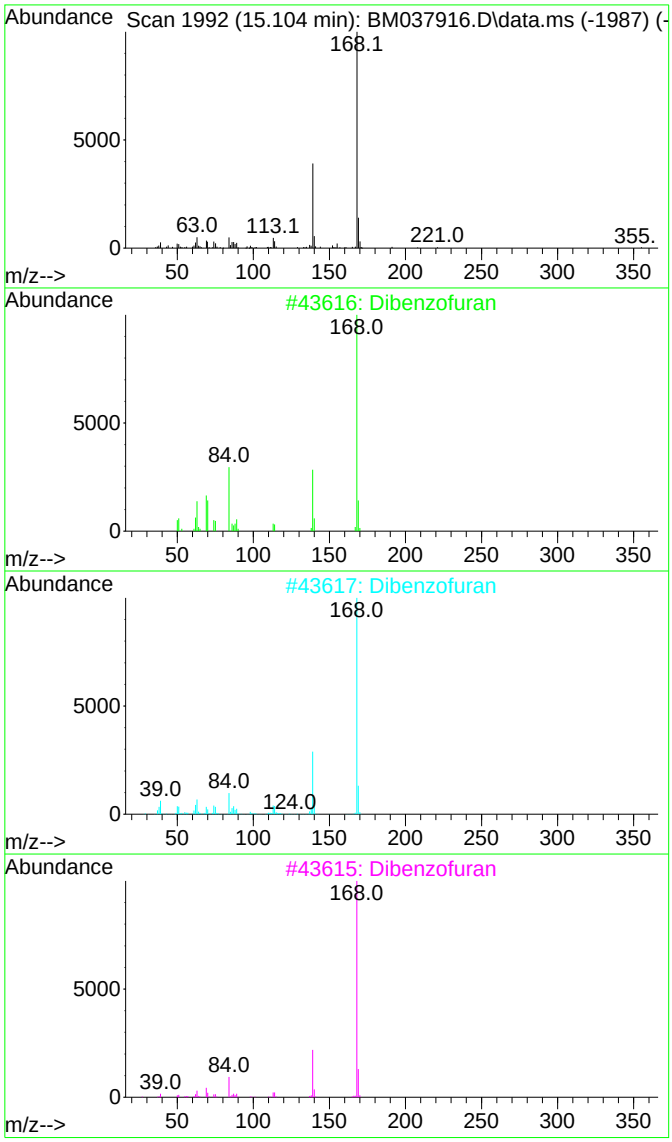
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

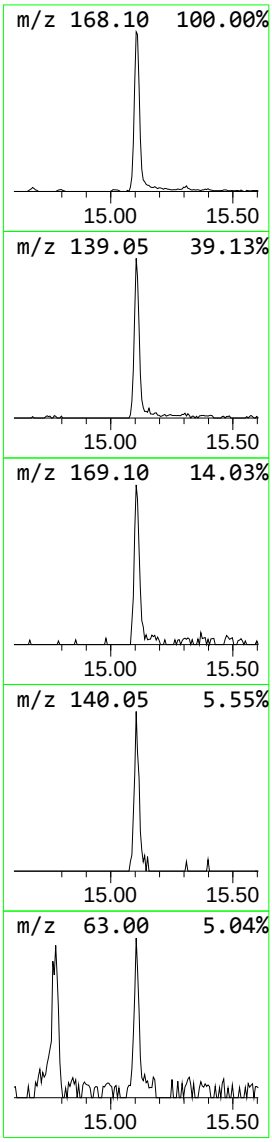
****

Peak Number 2 Dibenzofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	2.16 ng/ul	187844	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	78
2	Dibenzofuran	168	C12H8O	000132-64-9	74
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

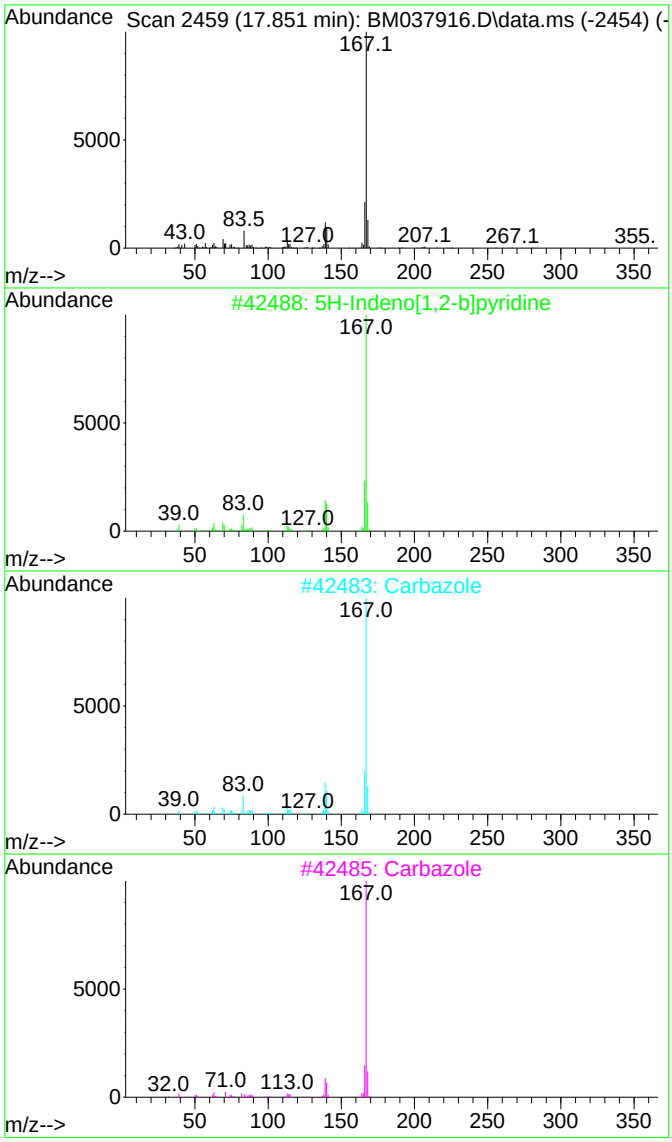
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

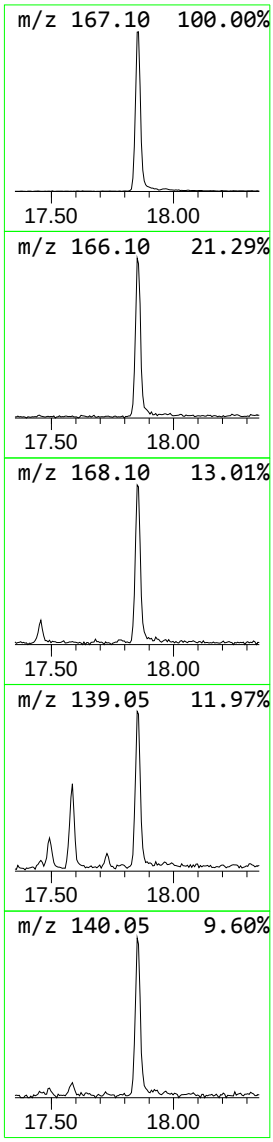
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	4.66 ng/ul	505545	Phenanthrene-d10	17.451

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	93
3	Carbazole	167	C12H9N	000086-74-8	91
4	Carbazole	167	C12H9N	000086-74-8	87
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

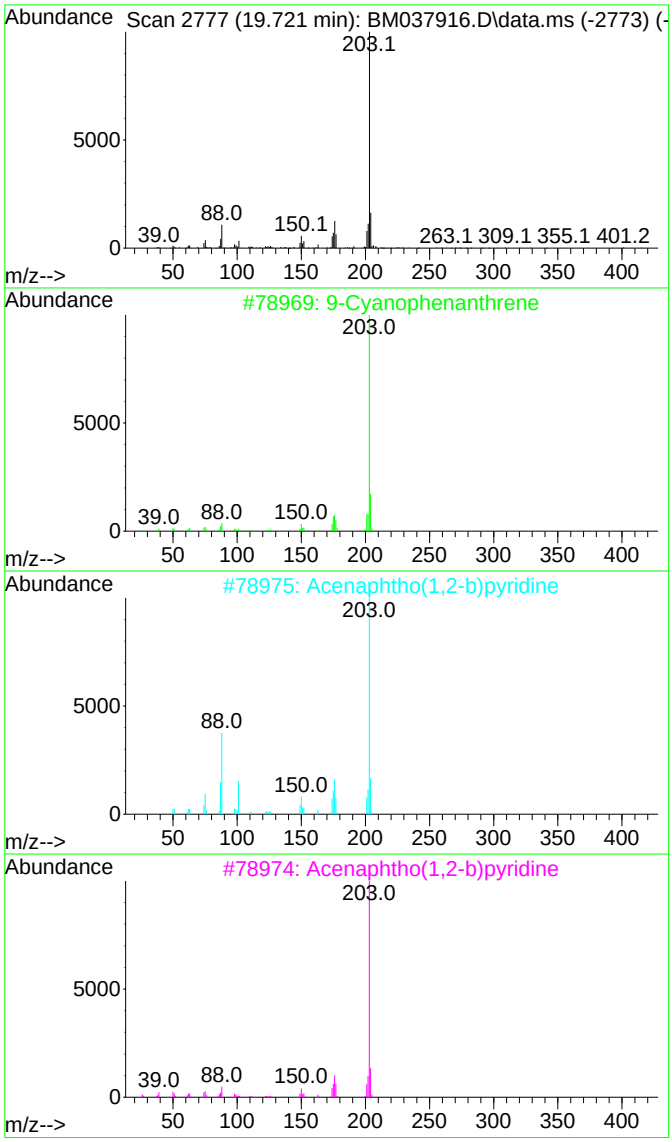
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

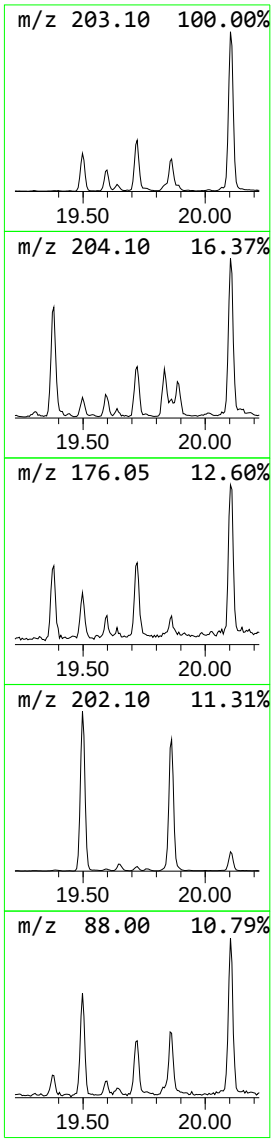
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Cyanophenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	2.71 ng/ul	397204	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Cyanophenanthrene	203	C15H9N	002510-55-6	97
2	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	97
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	96
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	94
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

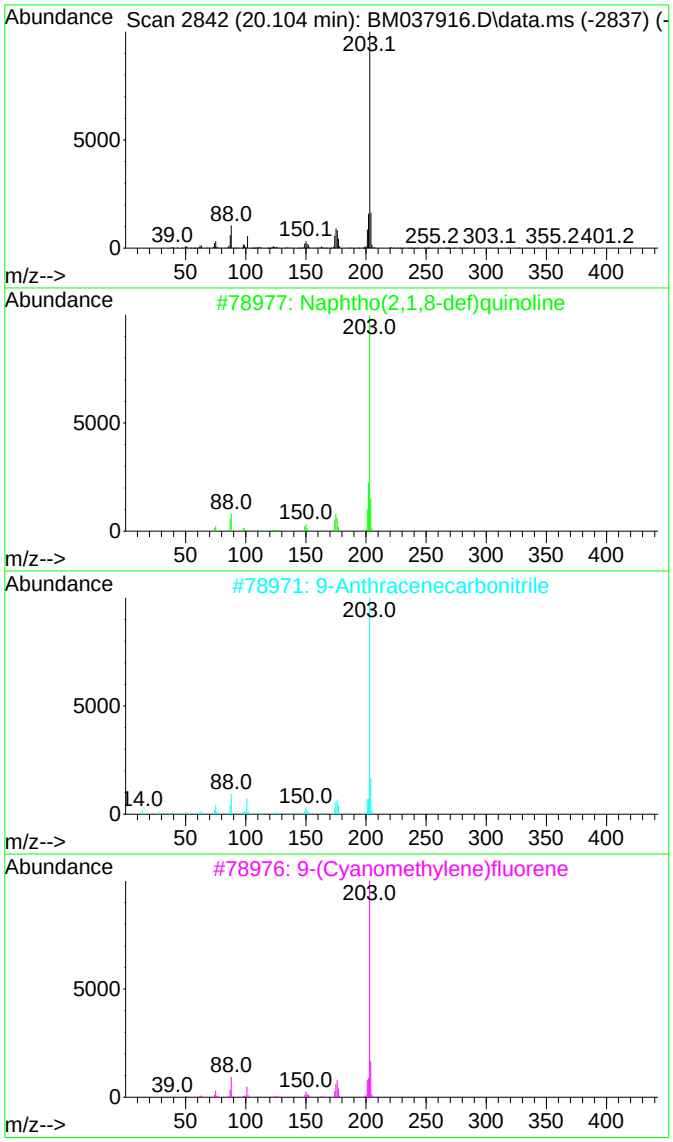
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

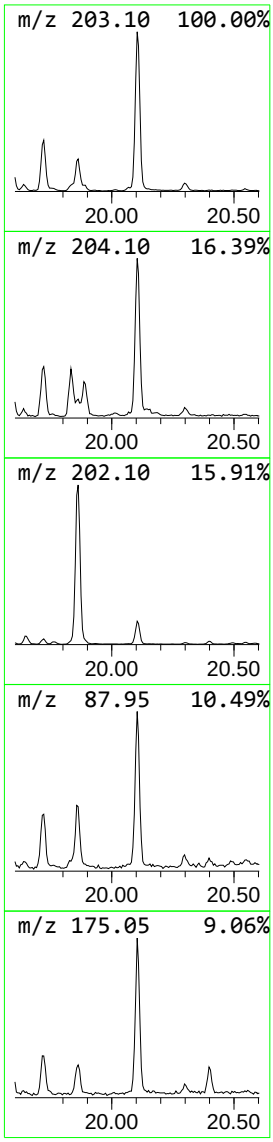
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphtho(2,1,8-def)quinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	6.81 ng/ul	996964	Chrysene-d12	21.621

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





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Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

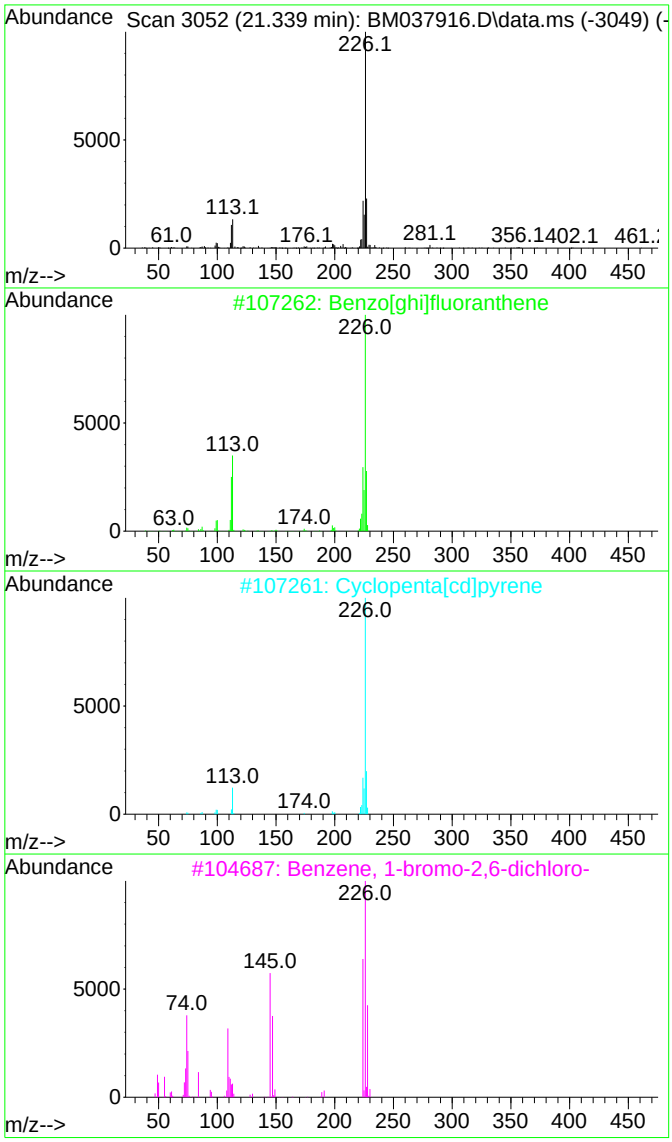
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

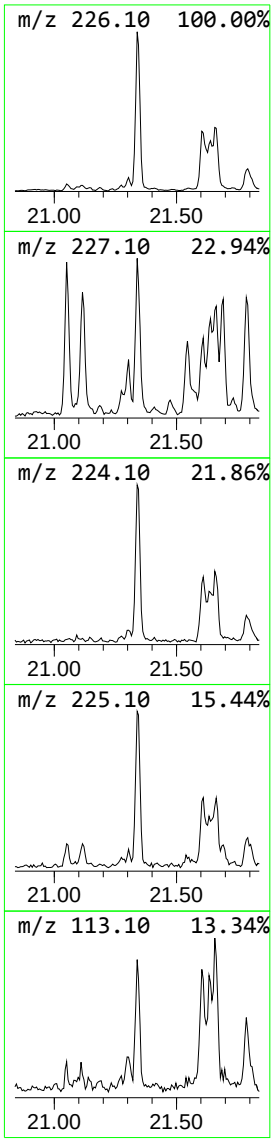
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzo[ghi]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.20 ng/ul	322428	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	59
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

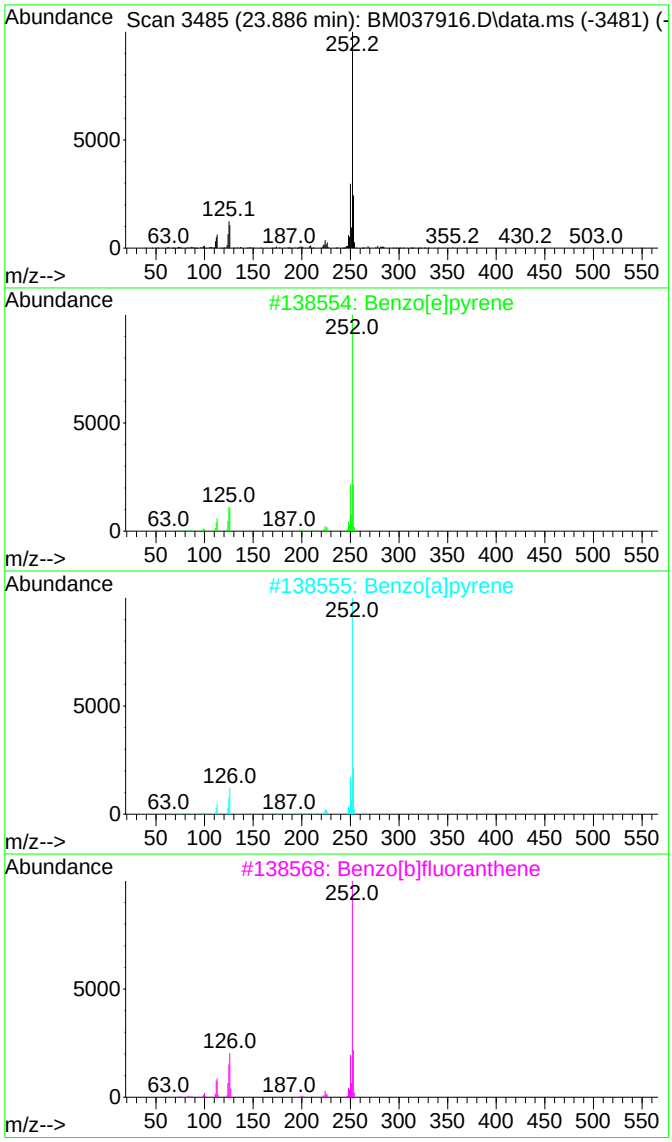
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

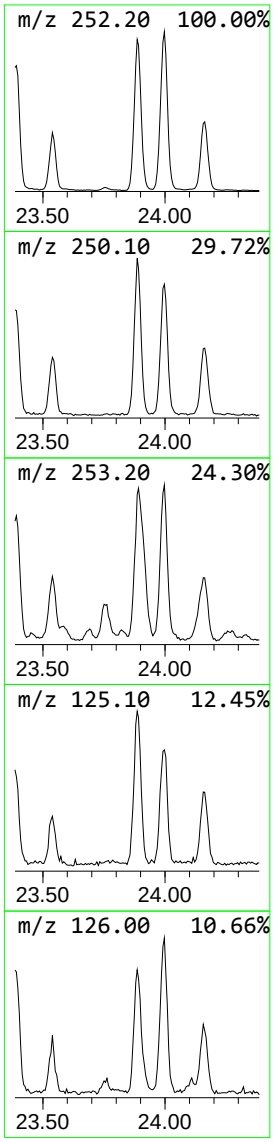
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	8.74 ng/ul	981887	Perylene-d12	24.109

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037916.D
Acq On : 09 Dec 2022 14:39
Operator : CG/JU
Sample : N5896-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM2

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
Indene	8.628	2.1	ng/ul	99162	1	8.081	940647	20.0
Dibenzofuran	15.104	2.2	ng/ul	187844	3	14.710	1735610	20.0
5H-Indeno[1,2-b...	17.851	4.7	ng/ul	505545	4	17.451	2170310	20.0
9-Cyanophenanth...	19.721	2.7	ng/ul	397204	5	21.621	2929860	20.0
Naphtho(2,1,8-d...	20.104	6.8	ng/ul	996964	5	21.621	2929860	20.0
Benzo[ghi]fluor...	21.339	2.2	ng/ul	322428	5	21.621	2929860	20.0
Benzo[e]pyrene	23.886	8.7	ng/ul	981887	6	24.109	2246910	20.0