LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBXP1

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: BM037903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.881	81	84	96	rBV	36888	77952	1.96%	0.206%
2	3.969	96	99	101	rVV4	6670	6792	0.17%	0.018%
3	4.193	133	137	141	rVB	18627	27410	0.69%	0.073%
4	6.052	446	453	458	rVB5	8651	16331	0.41%	0.043%
5	7.069	617	626	630	rBV6	3727	8198	0.21%	0.022%
6	7.240	649	655	663	rVB	120055	193490	4.85%	0.513%
7	7.404	677	683	690	rBV	91090	144044	3.61%	0.382%
8	7.610	712	718	726	rBV	122437	190953	4.79%	0.506%
9	7.734	735	739	742	rBV6	8903	11426	0.29%	0.030%
10	8.087	792	799	806	rVV	1133647	1791247	44.93%	4.745%
11	8.357	841	845	849	rVV4	6705	9671	0.24%	0.026%
12	8.628	885	891	898	rBV	46147	93662	2.35%	0.248%
13	8.793	912	919	928	rBV	134508	220690	5.54%	0.585%
14	8.916	935	940	948	rVB4	7610	16319	0.41%	0.043%
15	9.257	991	998	1004	rBV	105008	178393	4.47%	0.473%
16	9.357	1009	1015	1020	rBV10	7071	13300	0.33%	0.035%
17	9.640	1060	1063	1073	rVB6	4286	9965	0.25%	0.026%
18	9.863	1096	1101	1104	rVV6	2974	5316	0.13%	0.014%
19	9.981	1114	1121	1129	rBV	80057	135718	3.40%	0.360%
20	10.392	1189	1191	1197	rVB6	4030	5826	0.15%	0.015%
21	10.522	1207	1213	1221	rBV	118551	197154	4.95%	0.522%
22	10.904	1270	1278	1284	rBV	1499401	2446154	61.36%	6.480%
23	10.957	1284	1287	1294	rVV	91804	136700	3.43%	0.362%
24	11.039	1296	1301	1315	rVB	83943	170199	4.27%	0.451%
25	12.298	1510	1515	1519	rVB7	7763	13080	0.33%	0.035%
26	12.392	1528	1531	1539	rBV4	10667	24820	0.62%	0.066%
27	12.551	1552	1558	1567	rVB2	42797	72199	1.81%	0.191%
28	12.681	1573	1580	1584	rBV5	11102	24655	0.62%	0.065%
29	12.775	1590	1596	1601	rVB4	30853	52639	1.32%	0.139%
30	12.933	1619	1623	1626	rVB4	4883	6184	0.16%	0.016%
31	13.128	1652	1656	1657	rVB4	5521	6284	0.16%	0.017%
32	13.186	1663	1666	1670	rBV6	4246	4976	0.12%	0.013%
33	13.245	1674	1676	1679	rVV3	5945	5372	0.13%	0.014%
34	13.292	1681	1684	1688	rBV5	8493	10333	0.26%	0.027%
35	13.528	1716	1724	1725	rBV5	14472	20849	0.52%	0.055%
36	13.551	1725	1728	1733	rVB3	14681	21987	0.55%	0.058%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

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	13.686	1749	1751	1757	rVB5	9749	12468	0.31%	0.033%
38	13.739	1757	1760	1762	rBV4	4643	5281	0.13%	0.014%
39	13.804	1767	1771	1773	rBV5	4915	5263	0.13%	0.014%
40	13.880	1779	1784	1794	rVB9	11812	36752	0.92%	0.097%
41	14.033	1803	1810	1815	rBV6	13015	31482	0.79%	0.083%
42	14.116	1815	1824	1829	rBV	180527	272248	6.83%	0.721%
43	14.245	1841	1846	1854	rBV3	14959	32133	0.81%	0.085%
44	14.410	1868	1874	1876	rBV	222849	336090	8.43%	0.890%
45	14.439	1876	1879	1889	rVB	177484	295189	7.40%	0.782%
46	14.592	1900	1905	1910	rBV	38702	50181	1.26%	0.133%
47	14.716	1914	1926	1933	rBV	1804473	2735248	68.61%	7.246%
48	14.774	1933	1936	1944	rVV	92655	159783	4.01%	0.423%
49	14.857	1946	1950	1953	rVV2	13664	21695	0.54%	0.057%
50	14.910	1954	1959	1967	rVB5	36409	75732	1.90%	0.201%
51	15.110	1987	1993	2002	rVB	80860	138056	3.46%	0.366%
52	15.204	2007	2009	2012	rVB3	9759	9166	0.23%	0.024%
53	15.327	2027	2030	2034	rVB5	13476	21258	0.53%	0.056%
54	15.492	2053	2058	2061	rBV7	13518	23588	0.59%	0.062%
55	15.533	2061	2065	2070	rVB	51650	71766	1.80%	0.190%
56	15.580	2070	2073	2080	rBV6	14376	27041	0.68%	0.072%
57	15.698	2088	2093	2098	rBV	268891	383833	9.63%	1.017%
58	15.757	2098	2103	2109	rVV2	72907	124061	3.11%	0.329%
59	15.816	2109	2113	2121	rVB2	44761	75058	1.88%	0.199%
60	15.945	2128	2135	2139	rBV4	33684	67310	1.69%	0.178%
61	16.045	2148	2152	2157	rBV3	20004	31492	0.79%	0.083%
62	16.092	2157	2160	2165	rVB7	16520	24010	0.60%	0.064%
63	16.157	2169	2171	2175	rBV4	15029	23570	0.59%	0.062%
64	16.280	2190	2192	2198	rVB7	17026	23415	0.59%	0.062%
65	16.398	2207	2212	2213	rBV	96328	122022	3.06%	0.323%
66	16.421	2213	2216	2223	rVB3	120341	210506	5.28%	0.558%
67	16.904	2295	2298	2301	rBV4	21424	24593	0.62%	0.065%
68	17.104	2328	2332	2337	rBV2	75961	107689	2.70%	0.285%
69	17.186	2342	2346	2351	rBV	109390	127732	3.20%	0.338%
70	17.239	2351	2355	2359	rBV	94579	142581	3.58%	0.378%
71	17.451	2385	2391	2395	rBV	1926704	2721045	68.25%	7.208%
72	17.492	2395	2398	2403	rVV	407469	571762	14.34%	1.515%
73	17.551	2403	2408	2410	rVV	267325	381616	9.57%	1.011%
74	17.586	2410	2414	2419	rVB	954250	1342084	33.66%	3.555%
75	17.851	2455	2459	2468	rVB	130706	193375	4.85%	0.512%
76	17.927	2468	2472	2476	rBV	123521	143480	3.60%	0.380%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

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	18.327	2536	2540	2544	rBV2	75985	100671	2.53%	0.267%
78	18.374	2545	2548	2552	rVB2	61953	78760	1.98%	0.209%
79	18.457	2559	2562	2567	rVB	86090	117515	2.95%	0.311%
80	18.527	2569	2574	2577	rBV2	143740	218431	5.48%	0.579%
81	18.615	2585	2589	2594	rBV	126877	170351	4.27%	0.451%
82	18.715	2602	2606	2611	rBV	110713	160828	4.03%	0.426%
83	18.862	2628	2631	2636	rBV2	122390	153934	3.86%	0.408%
84	19.245	2692	2696	2701	rVB2	121758	147649	3.70%	0.391%
85	19.380	2715	2719	2727	rBV	246483	365208	9.16%	0.967%
86	19.498	2735	2739	2744	rVB	920233	1157336	29.03%	3.066%
87	19.598	2752	2756	2760	rBV	114298	150773	3.78%	0.399%
88	19.721	2773	2777	2790	rVB2	215447	395801	9.93%	1.048%
89	19.833	2790	2796	2797	rBV3	488922	699420	17.54%	1.853%
90	19.862	2797	2801	2809	rVB	1702056	2274931	57.06%	6.026%
91	20.104	2837	2842	2848	rVB	780599	1045623	26.23%	2.770%
92	20.398	2888	2892	2896	rBV	228299	309057	7.75%	0.819%
93	20.545	2915	2917	2922	rBV2	76376	92198	2.31%	0.244%
94	20.651	2932	2935	2939	rBV	120020	148145	3.72%	0.392%
95	21.339	3049	3052	3057	rVB	283633	355233	8.91%	0.941%
96	21.621	3094	3100	3104	rBV2	2022227	3096026	77.66%	8.201%
97	23.345	3387	3393	3407	rVB	1424037	3986687	100.00%	10.561%
98	23.886	3480	3485	3490	rBV	531703	987319	24.77%	2.615%
99	23.992	3499	3503	3511	rVB	744674	1420559	35.63%	3.763%
100	24.103	3516	3522	3528	rBV2	1299108	2545869	63.86%	6.744%

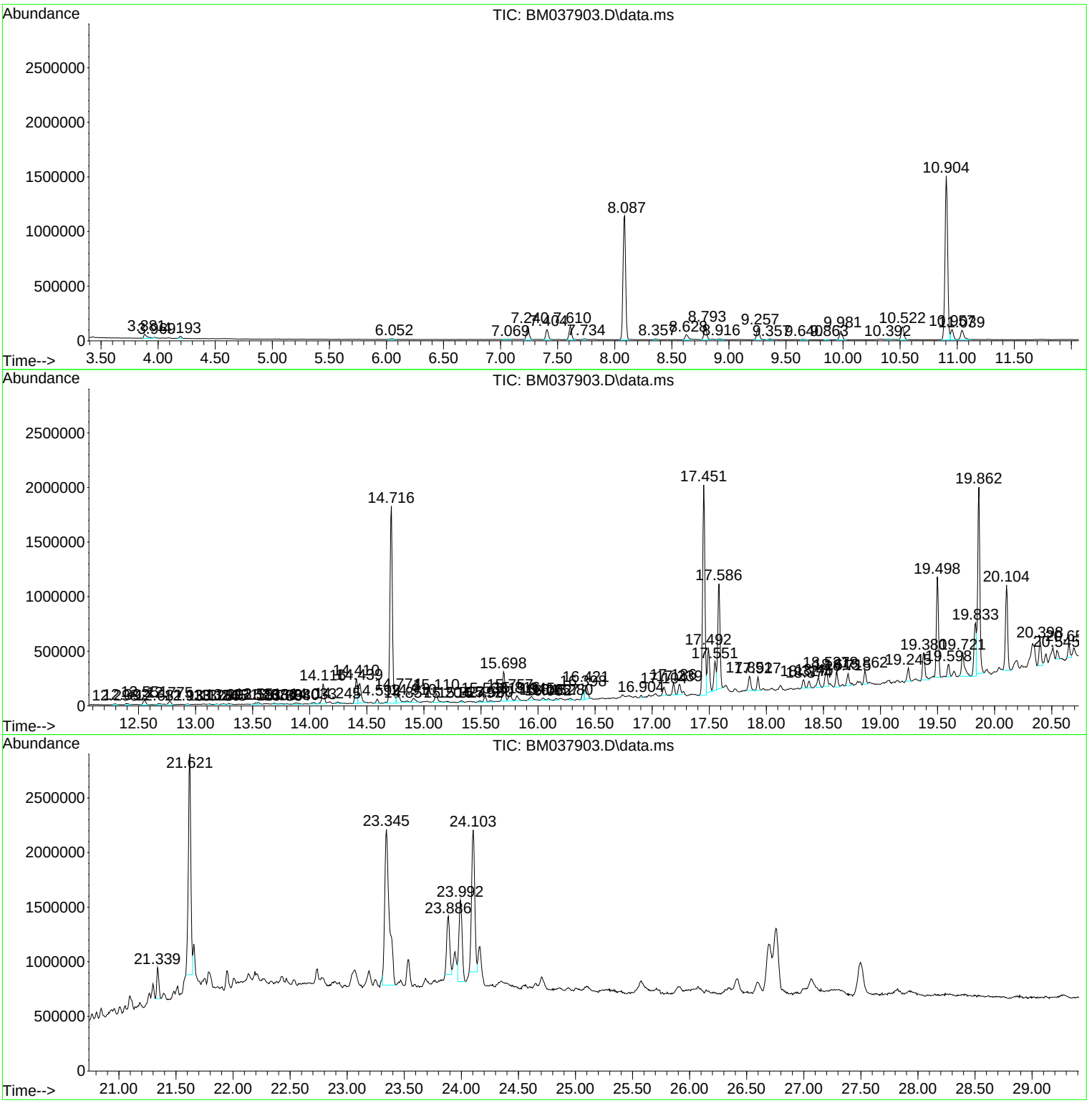
Sum of corrected areas: 37750266

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

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 : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

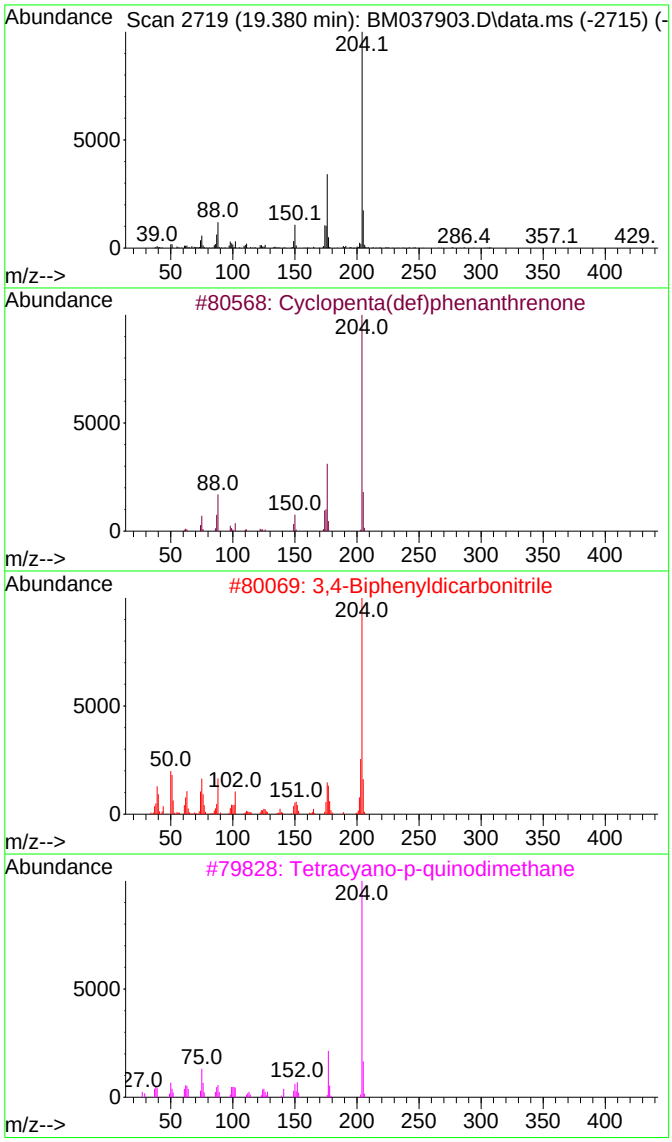
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

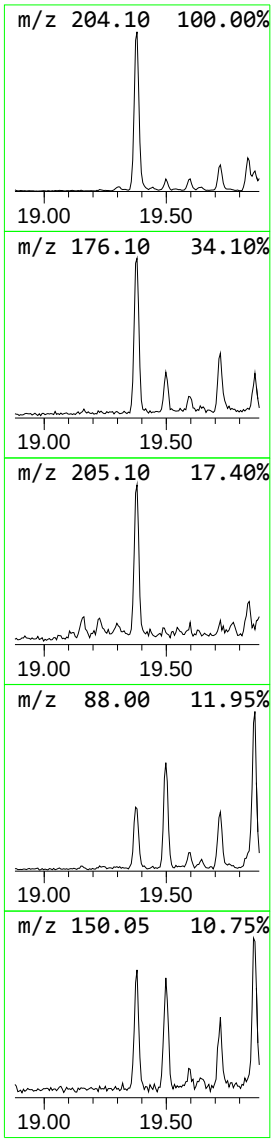
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	2.68 ng/ul	365208	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

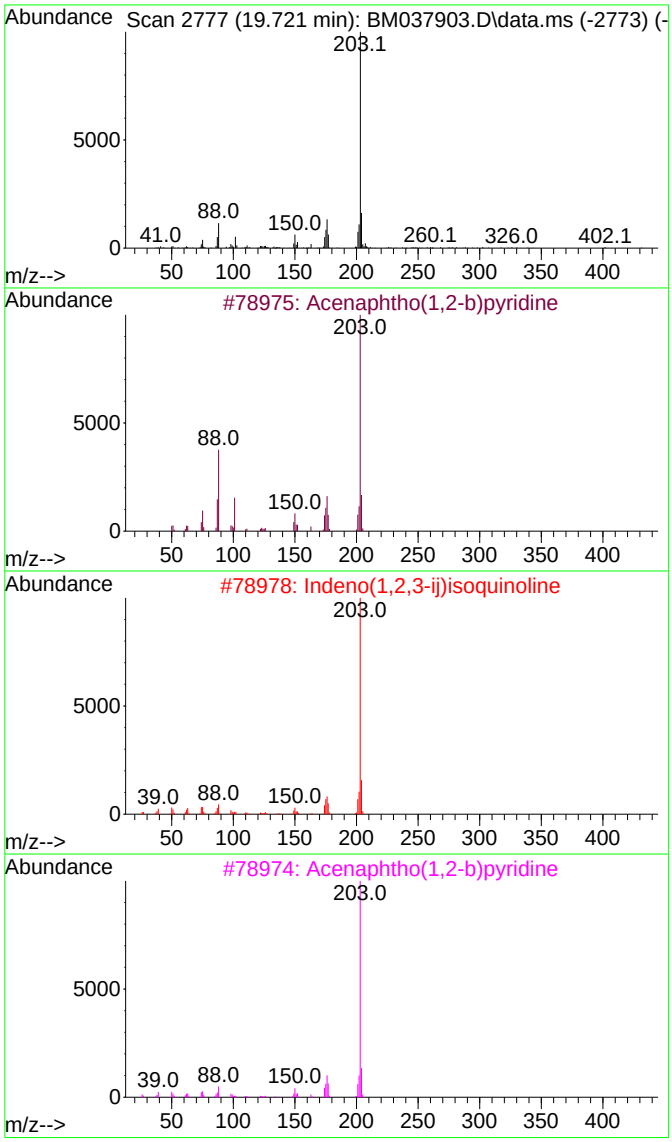
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

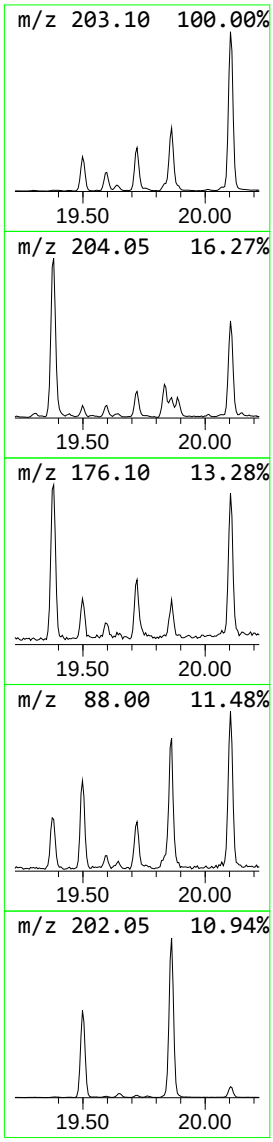
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acenaphtho(1,2-b)pyridine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	2.56 ng/ul	395801	Chrysene-d12	21.621

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

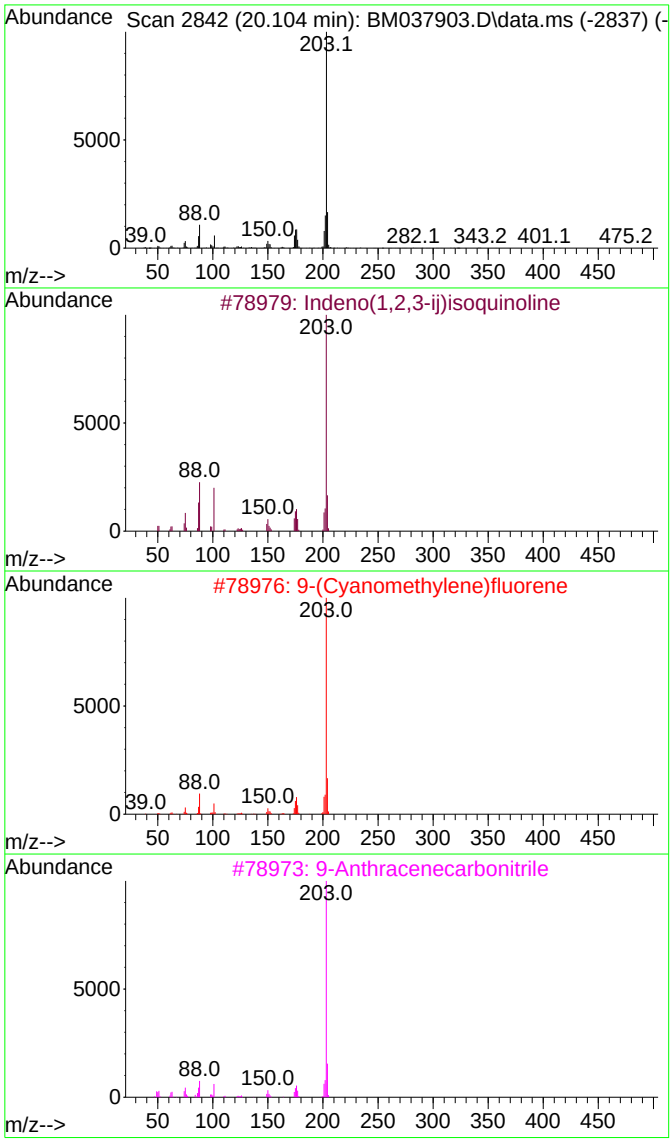
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

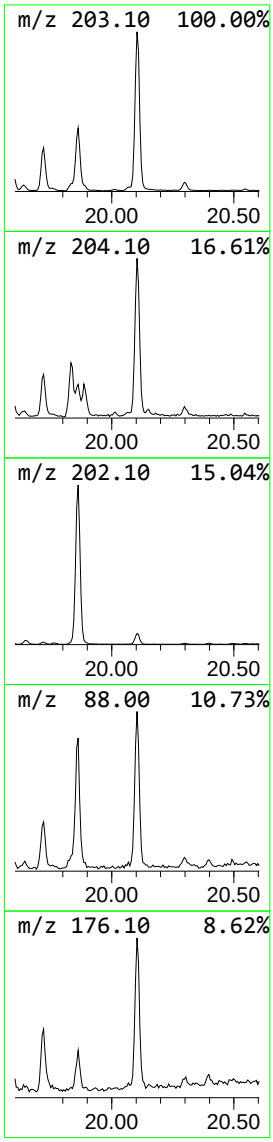
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	6.75 ng/ul	1045620	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
2	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
5	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

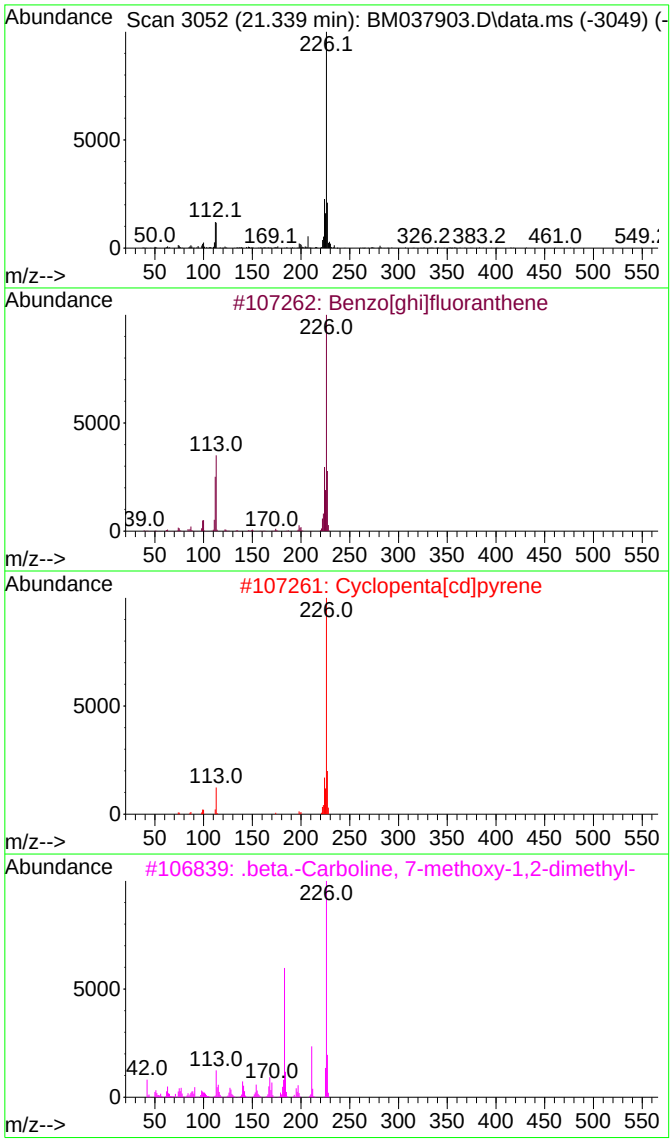
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

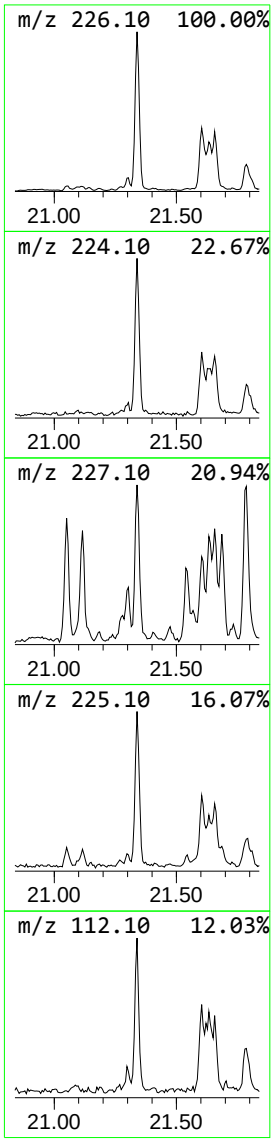
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzo[ghi]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.29 ng/ul	355233	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	93
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

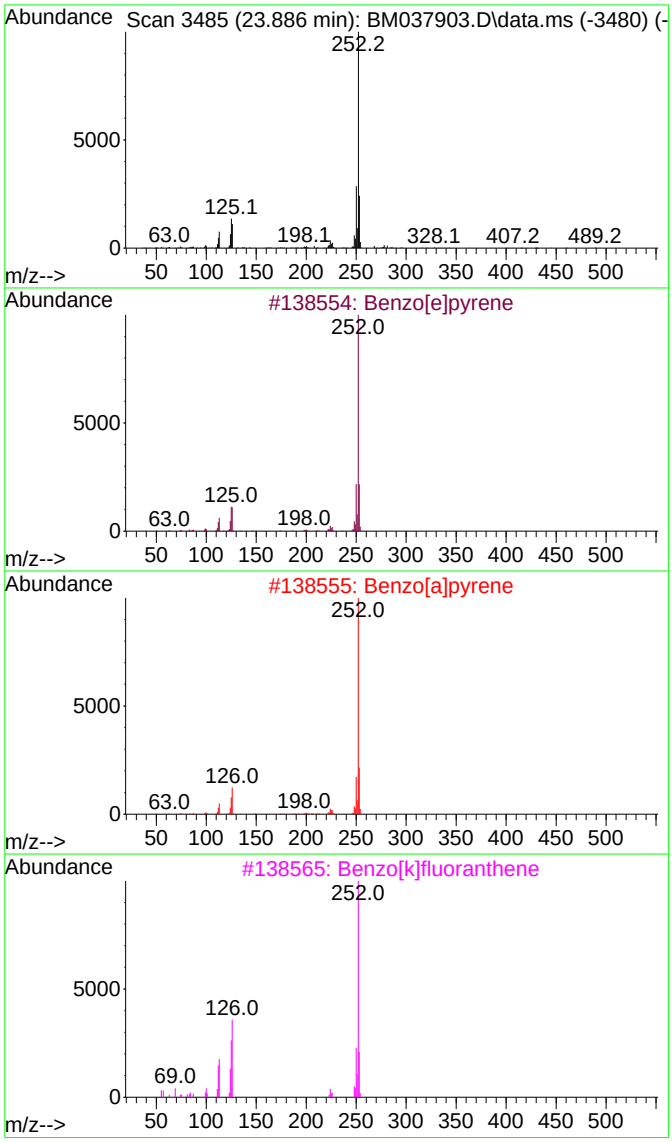
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

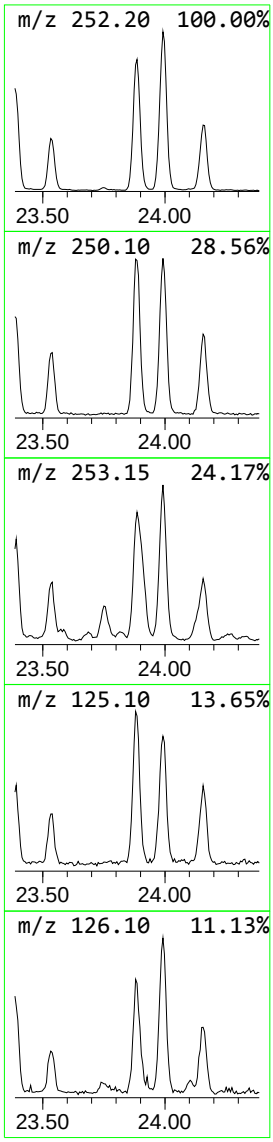
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	7.76 ng/ul	987319	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[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037903.D
Acq On : 09 Dec 2022 01:10
Operator : CG/JU
Sample : N5726-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXP1

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
Cyclopenta(def)...	19.380	2.7	ng/ul	365208	4	17.451	2721050	20.0
Acenaphtho(1,2-...	19.721	2.6	ng/ul	395801	5	21.621	3096030	20.0
Indeno(1,2,3-ij...	20.104	6.8	ng/ul	1045620	5	21.621	3096030	20.0
Benzo[ghi]fluor...	21.339	2.3	ng/ul	355233	5	21.621	3096030	20.0
Benzo[e]pyrene	23.886	7.8	ng/ul	987319	6	24.103	2545870	20.0