

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024786.D
 Acq On : 08 Feb 2020 06:40
 Operator : CG/JU
 Sample : L1400-06
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 00:10:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	309287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1208666	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	807451	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1811206	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1833150	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1880340	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	18202	2.83	ng/uL	0.00
5) Phenol-d5	6.60	99	304279	14.81	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	215181	18.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	288936	15.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	244090	14.08	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	154531	17.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	179949	17.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	303296	14.56	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	383137	19.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1185520	19.45	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1170589	16.45	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	147515	14.89	ng/ul	0.00
58) Fluorene-d10	15.06	176	956861	17.73	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	169278	14.34	ng/ul	0.00
71) Anthracene-d10	16.91	188	1374613	16.63	ng/ul	0.00
79) Pyrene-d10	19.22	212	1507166	16.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1490353	15.78	ng/ul	0.00

Target Compounds

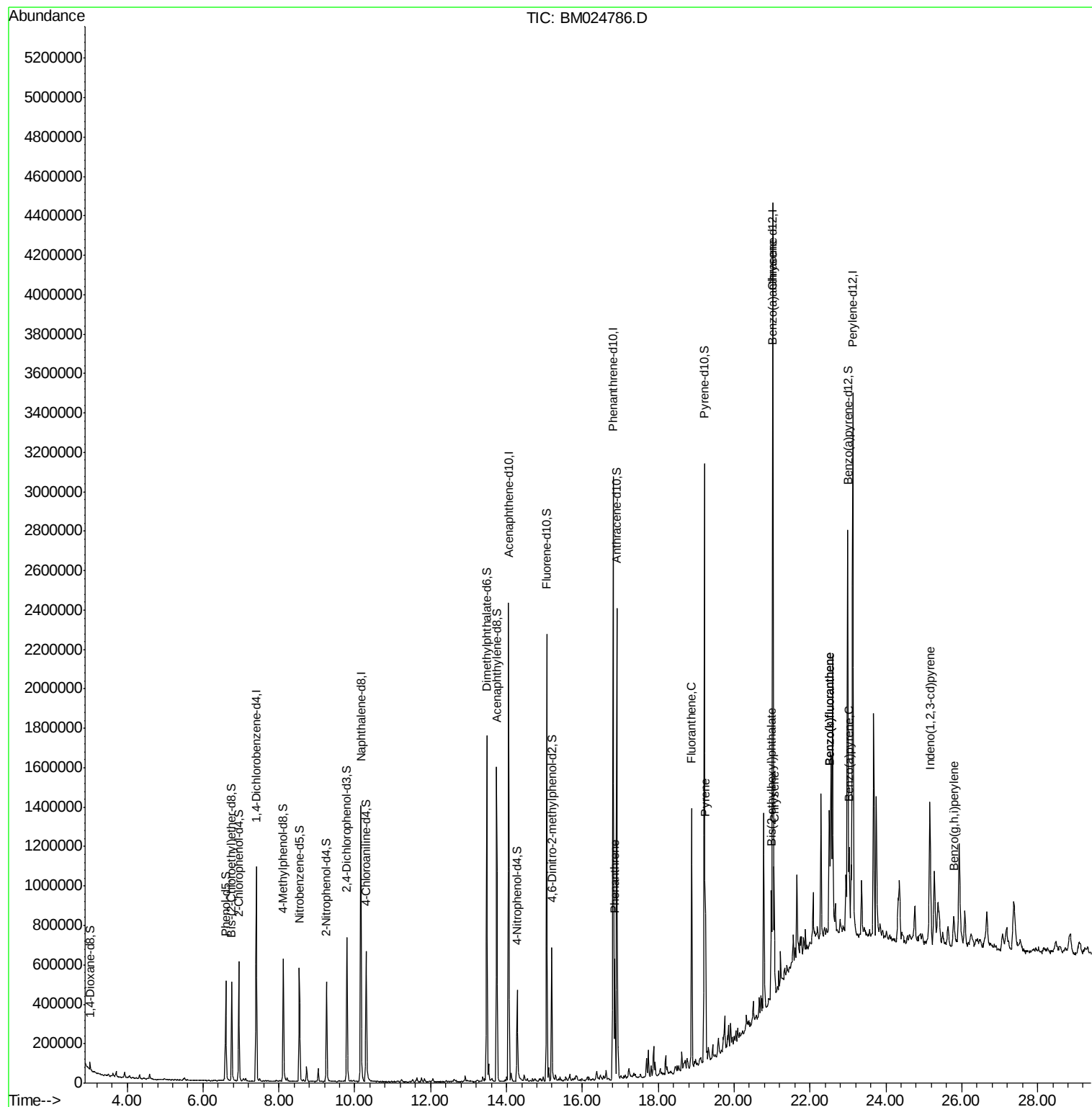
					Ovalue
70) Phenanthrene	16.85	178	368744	3.734	ng/ul 100
77) Fluoranthene	18.88	202	799743	6.597	ng/ul 99
80) Pyrene	19.24	202	624494	5.147	ng/ul 100
83) Benzo(a)anthracene	21.01	228	407326	3.299	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	20.98	149	202476	2.818	ng/ul 99
85) Chrysene	21.06	228	392380	3.228	ng/ul 99
88) Benzo(b)fluoranthene	22.51	252	519017	4.341	ng/ul 97
89) Benzo(k)fluoranthene	22.51	252	519017	4.510	ng/ul 97
91) Benzo(a)pyrene	23.03	252	315371	2.942	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.17	276	244258	1.830	ng/ul 98
94) Benzo(g,h,i)perylene	25.80	276	179125	1.614	ng/ul 98

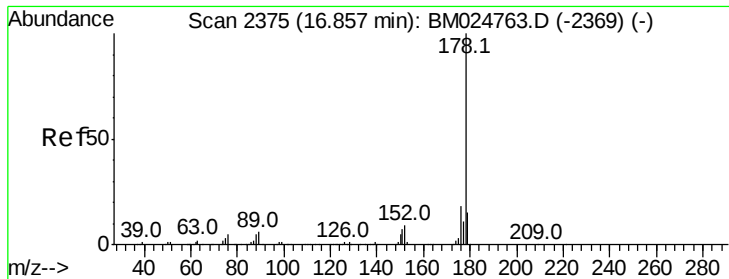
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 3.734 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024786.D

Acq: 08 Feb 2020 06:40

Instrument :

BNA_M

ClientSampleId :

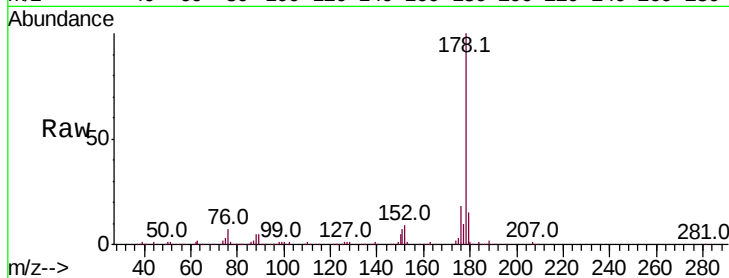
Tot Ion:178 Resp: 368744

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

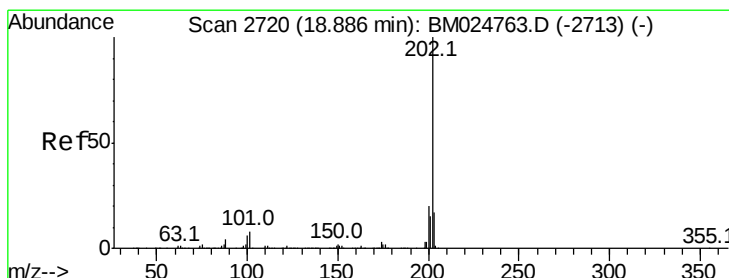
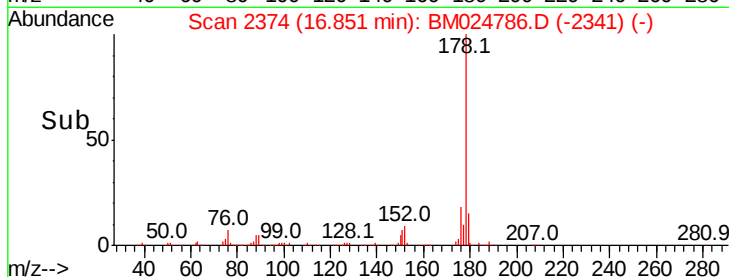
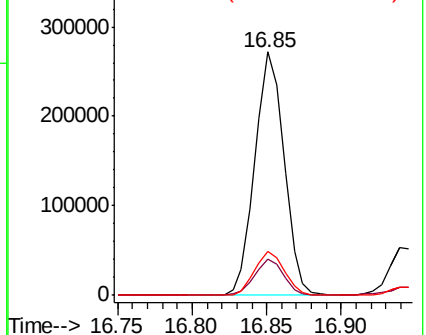
176 18.2 14.5 21.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 6.597 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.01 min

Lab File: BM024786.D

Acq: 08 Feb 2020 06:40

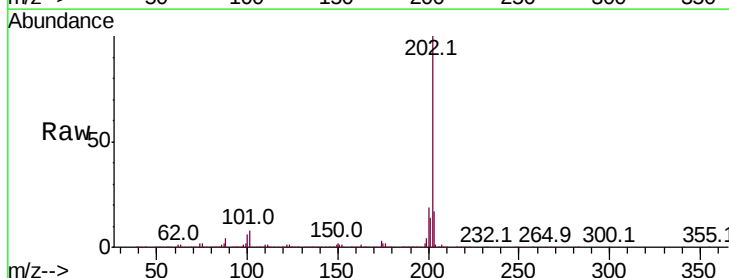
Tgt Ion:202 Resp: 799743

Ion Ratio Lower Upper

202 100

101 7.9 6.1 9.1

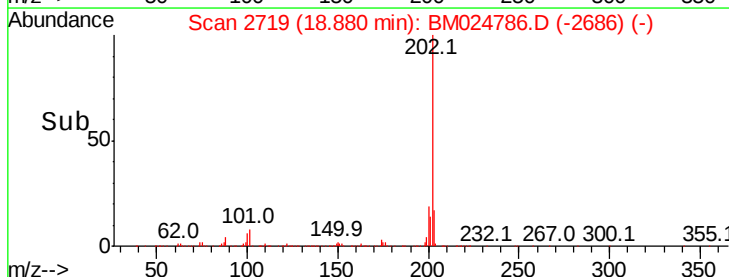
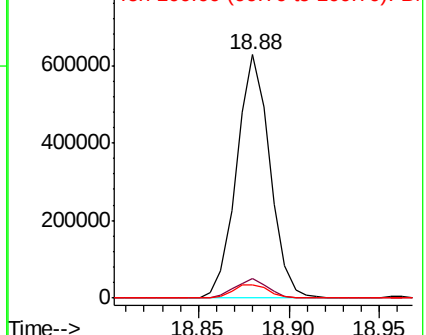
100 5.6 4.8 7.2

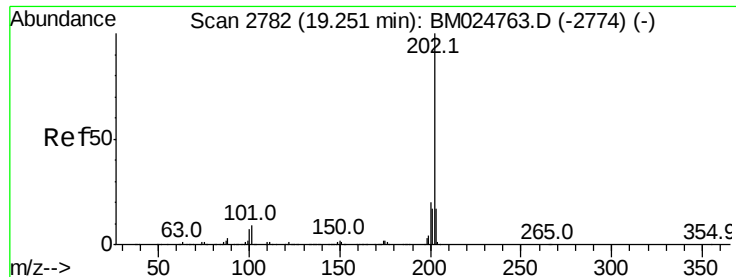


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

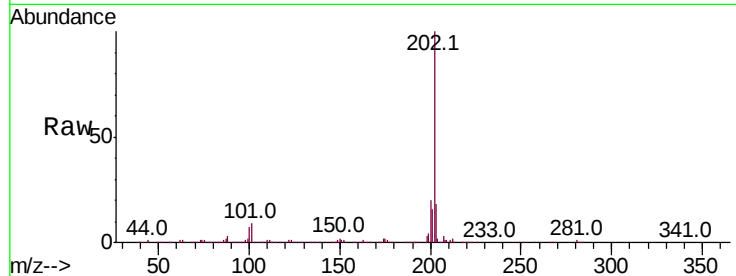




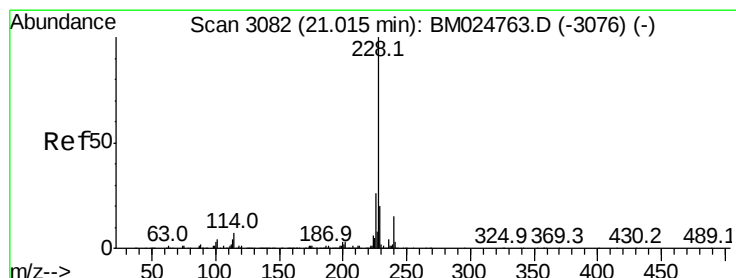
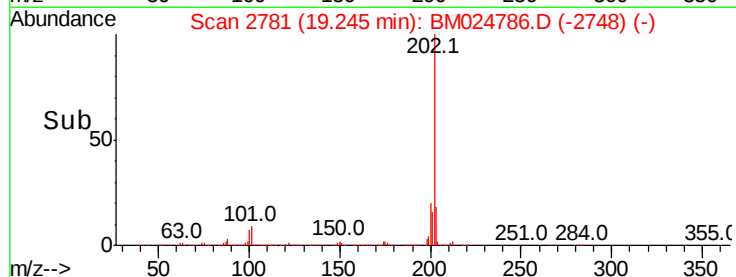
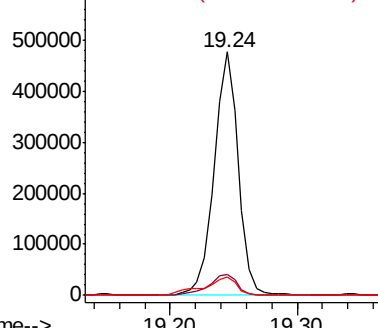
#80
Pvrene
Concen: 5.147 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024786.D
Acq: 08 Feb 2020 06:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
100	7.4	5.8	8.8

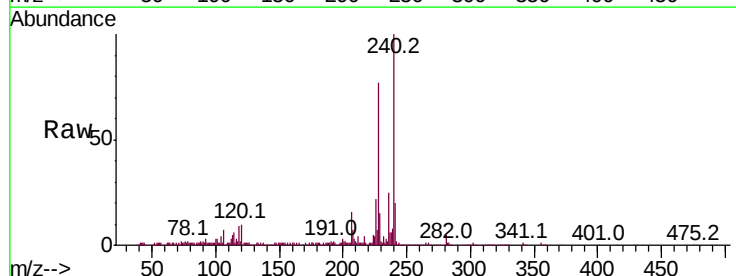


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

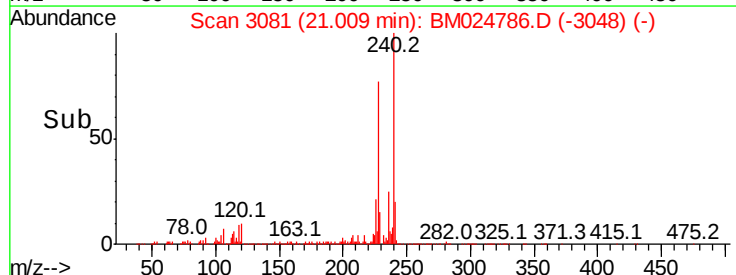
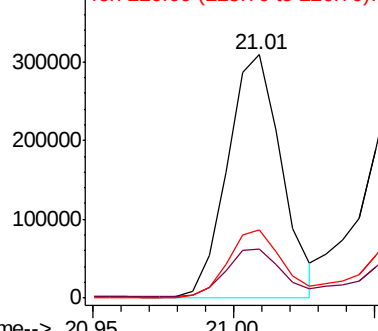


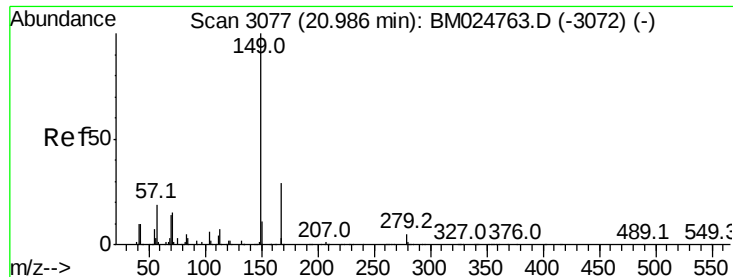
#83
Benzo(a)anthracene
Concen: 3.299 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024786.D
Acq: 08 Feb 2020 06:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	28.0	20.8	31.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

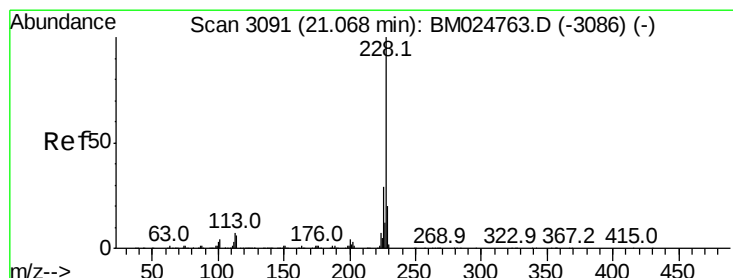
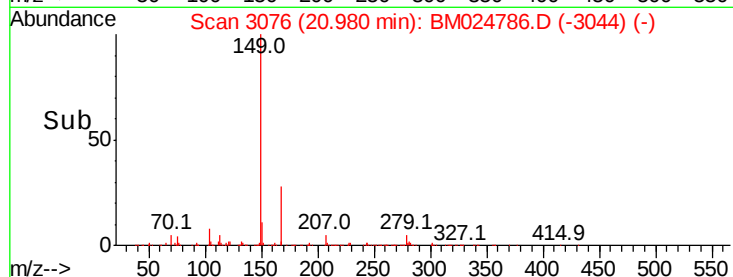
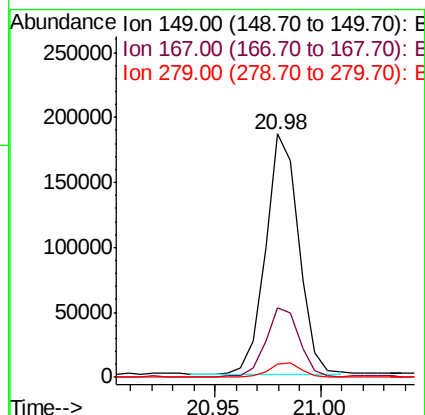
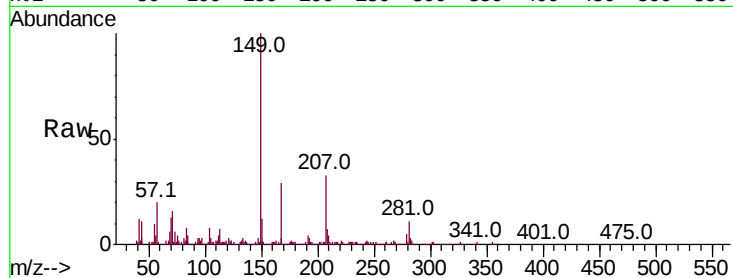




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.818 ng/ul
 RT: 20.98 min Scan# 3076
 Delta R.T. -0.01 min
 Lab File: BM024786.D
 Acq: 08 Feb 2020 06:40

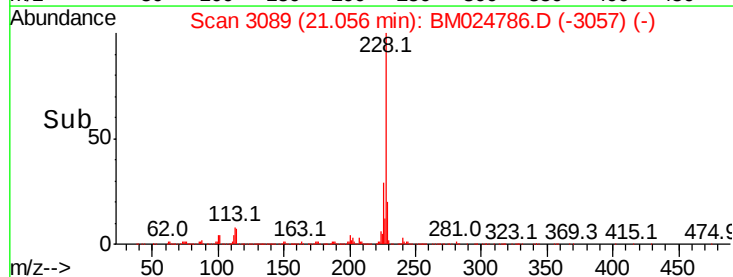
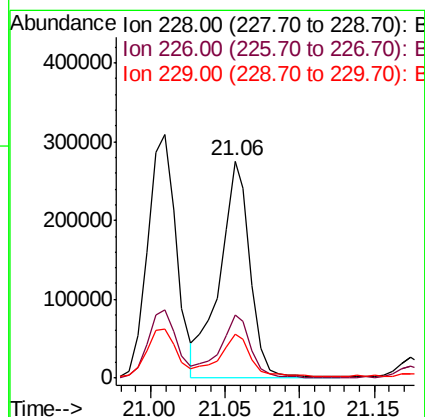
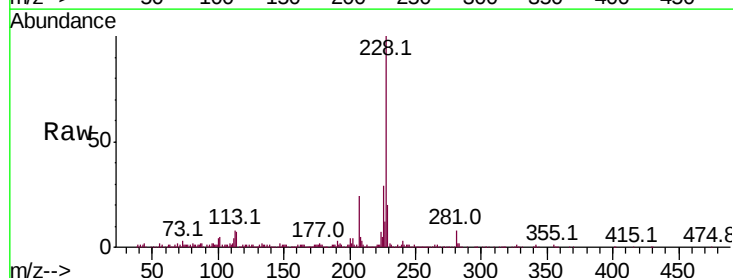
Instrument :
 BNA_M
 ClientSampleId :

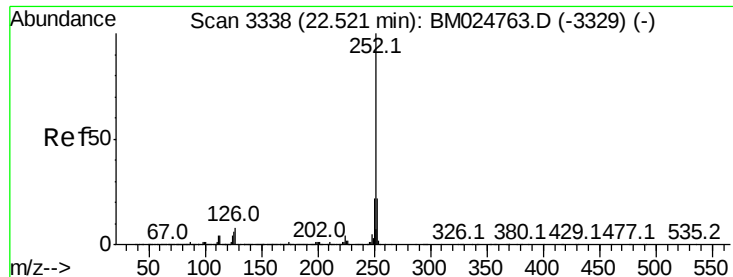
Tot Ion:149 Resp: 202476
 Ion Ratio Lower Upper
 149 100
 167 28.8 23.4 35.2
 279 5.4 4.7 7.1



#85
 Chrysene
 Concen: 3.228 ng/ul
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM024786.D
 Acq: 08 Feb 2020 06:40

Tgt Ion:228 Resp: 392380
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.0 34.4
 229 20.2 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 4.341 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024786.D

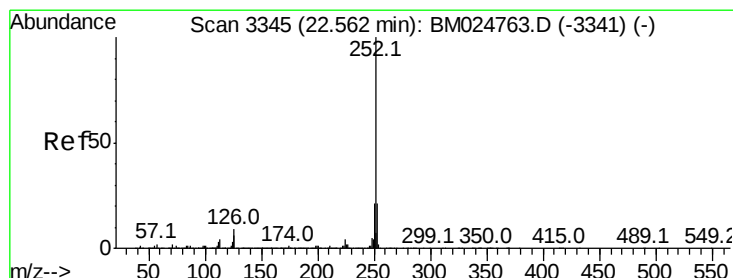
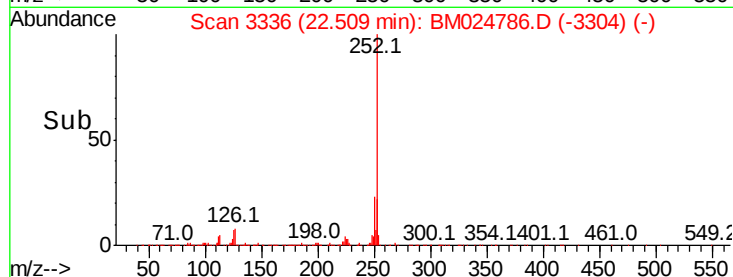
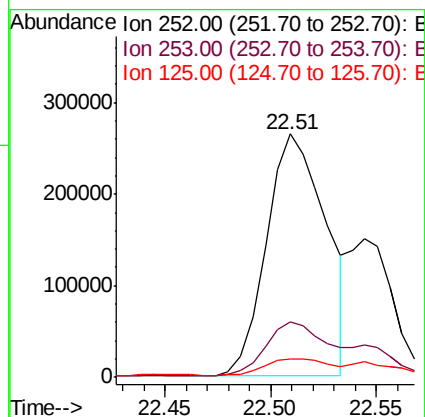
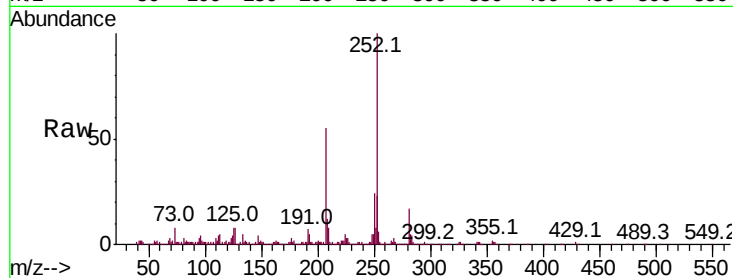
Acq: 08 Feb 2020 06:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	519017
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	7.6	5.1	7.7



#89

Benzo(k)fluoranthene

Concen: 4.510 ng/ul

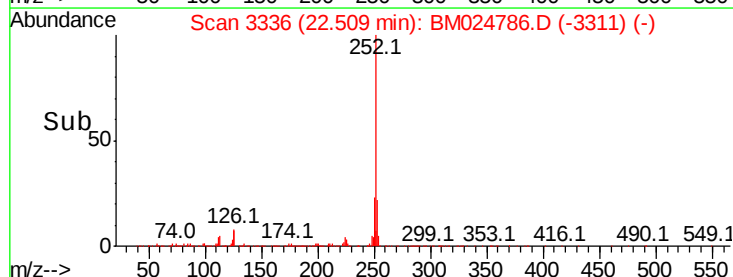
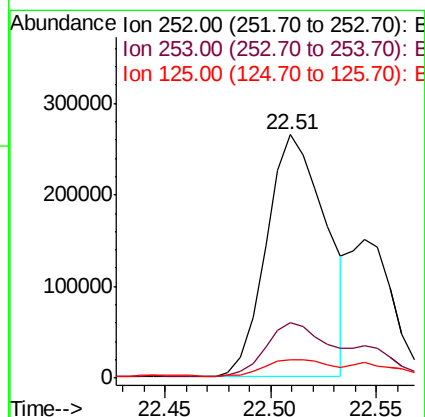
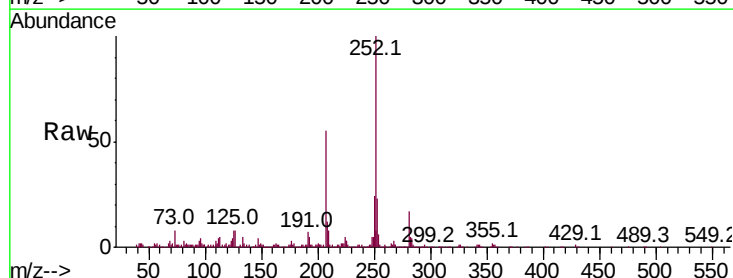
RT: 22.51 min Scan# 3336

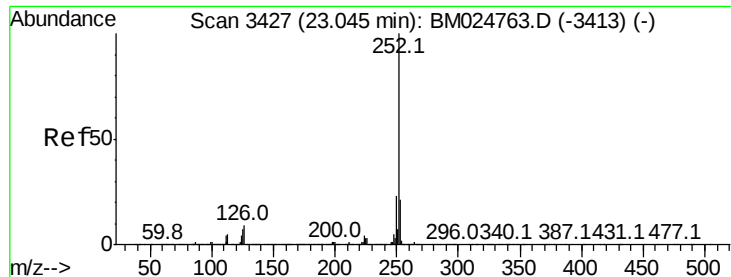
Delta R.T. -0.05 min

Lab File: BM024786.D

Acq: 08 Feb 2020 06:40

Tgt Ion:	252	Resp:	519017
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	7.6	5.1	7.7





#91

Benzo(a)pyrene

Concen: 2.942 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024786.D

Acq: 08 Feb 2020 06:40

Instrument :

BNA_M

ClientSampled :

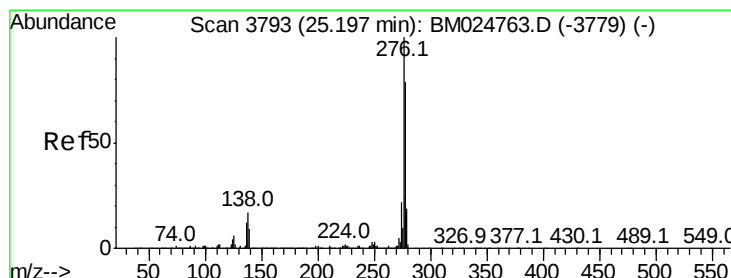
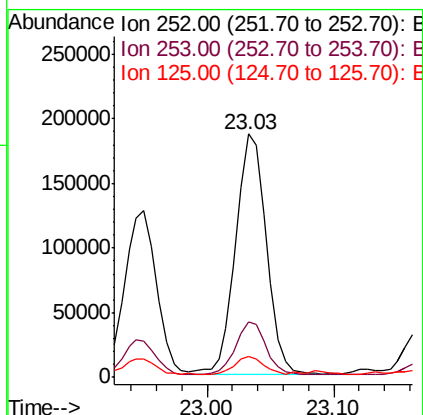
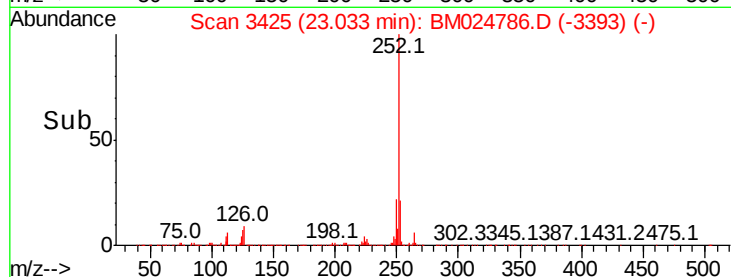
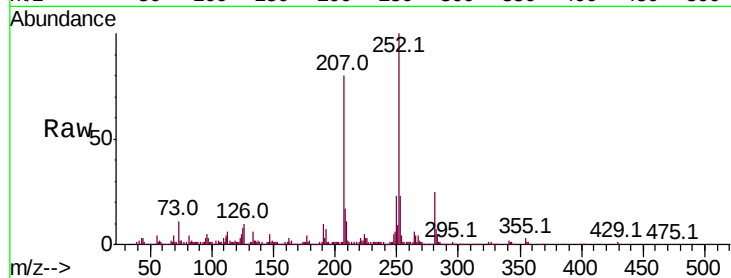
Tot Ion:252 Resp: 315371

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 8.3 5.6 8.4



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.830 ng/ul

RT: 25.17 min Scan# 3789

Delta R.T. -0.02 min

Lab File: BM024786.D

Acq: 08 Feb 2020 06:40

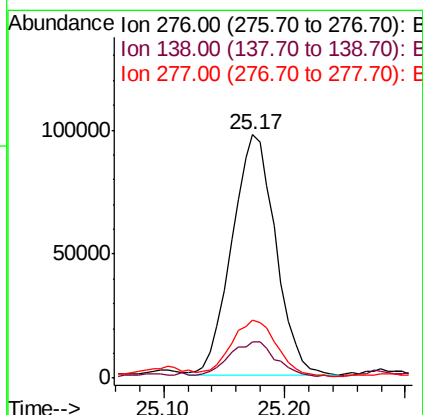
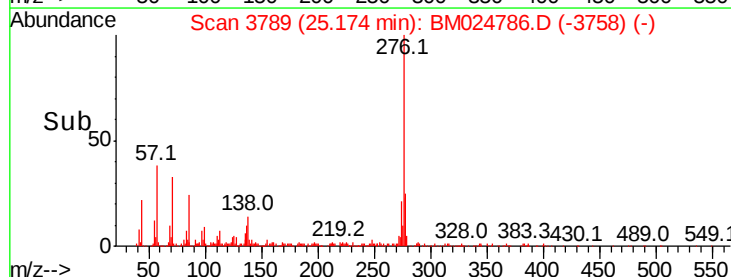
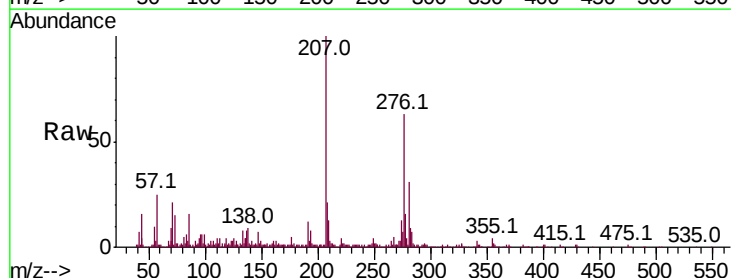
Tgt Ion:276 Resp: 244258

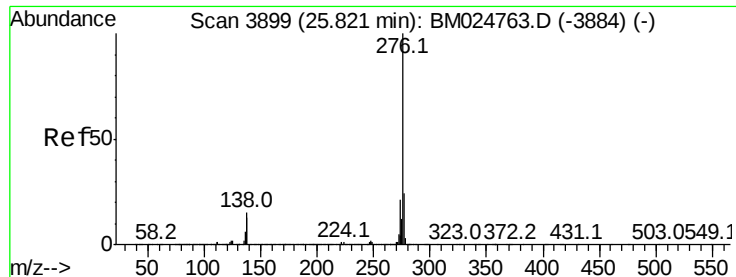
Ion Ratio Lower Upper

276 100

138 14.7 12.8 19.2

277 23.6 19.3 28.9





#94

Benzo(a,h,i)perylene

Concen: 1.614 ng/ul

RT: 25.80 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM024786.D

Acq: 08 Feb 2020 06:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 179125

Ion Ratio Lower Upper

276 100

138 13.8 11.8 17.6

277 23.1 19.0 28.6

