

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024915.D
 Acq On : 17 Feb 2020 20:29
 Operator : CG/JU
 Sample : L1324-14MEDL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 18 00:34:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 06:02:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	352693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1267204	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	759852	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1546765	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1615394	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1732593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	4825	0.66	ng/uL	0.00
5) Phenol-d5	6.59	99	94894	4.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	61868	4.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	85180	4.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	68873	3.48	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	36071	3.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	40186	3.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	73356	3.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	48755	2.39	ng/ul	0.02
44) Dimethylphthalate-d6	13.47	166	221378	3.86	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	308489	4.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	7631	0.82	ng/ul	0.02
58) Fluorene-d10	15.04	176	225126	4.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	19410	1.93	ng/ul	0.00
71) Anthracene-d10	16.89	188	332230	4.71	ng/ul	0.00
79) Pyrene-d10	19.20	212	393844	4.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	421599	4.84	ng/ul	0.00

Target Compounds

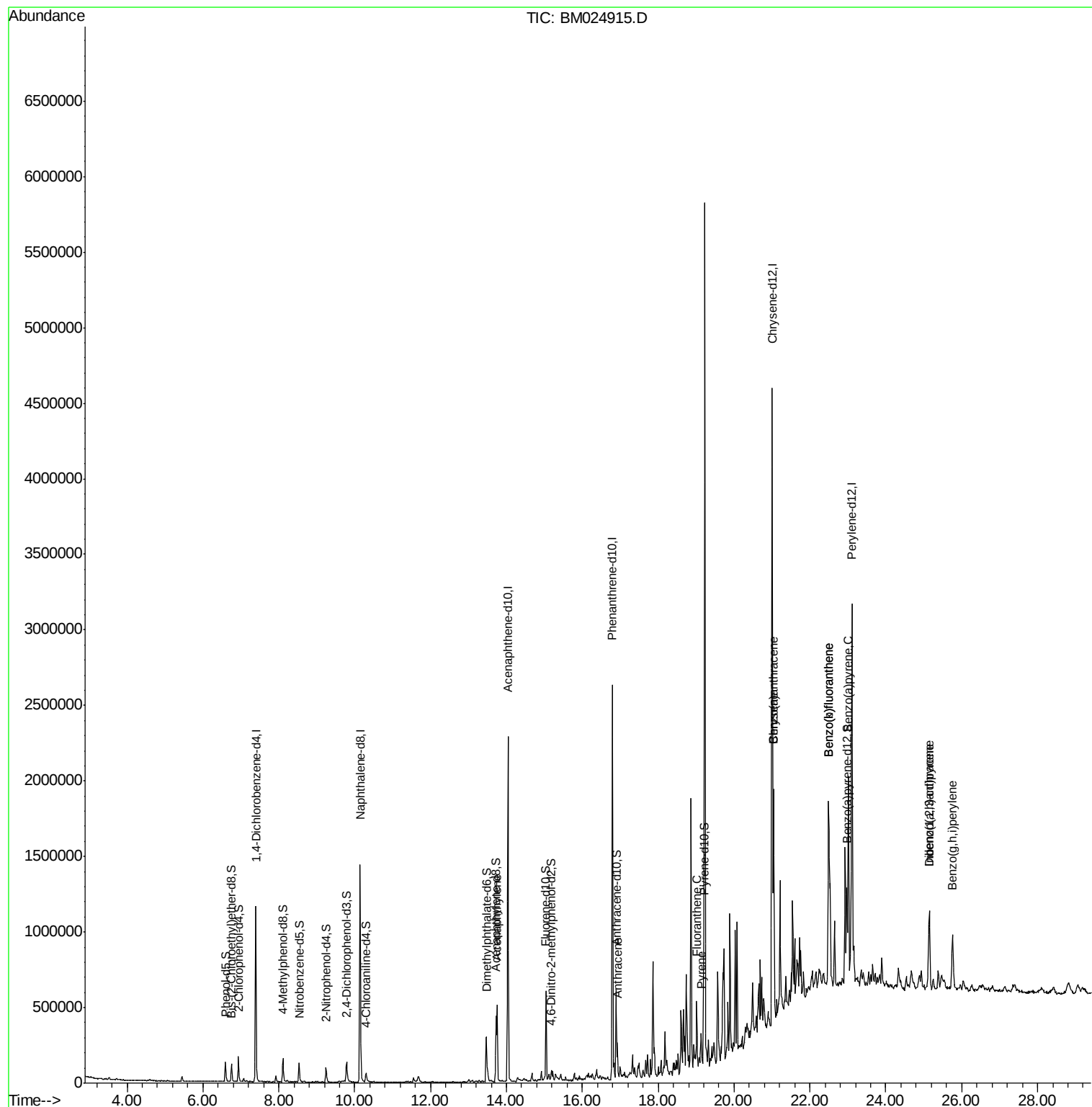
					Ovalue
48) Acenaphthylene	13.75	152	365125	5.262	ng/ul 99
72) Anthracene	16.93	178	151243	1.768	ng/ul 100
77) Fluoranthene	19.02	202	244016	2.357	ng/ul 98
80) Pyrene	19.13	202	127501	1.192	ng/ul 97
83) Benzo(a)anthracene	21.04	228	956381	8.789	ng/ul 96
85) Chrysene	21.04	228	957119	8.934	ng/ul 99
88) Benzo(b)fluoranthene	22.50	252	1032844	9.375	ng/ul# 98
89) Benzo(k)fluoranthene	22.50	252	1032844	9.740	ng/ul# 98
91) Benzo(a)pyrene	23.02	252	896085	9.072	ng/ul# 99
92) Indeno(1,2,3-cd)pyrene	25.14	276	443770	3.609	ng/ul 99
93) Dibenzo(a,h)anthracene	25.15	278	134729	1.286	ng/ul# 96
94) Benzo(g,h,i)perylene	25.76	276	405879	3.969	ng/ul 99

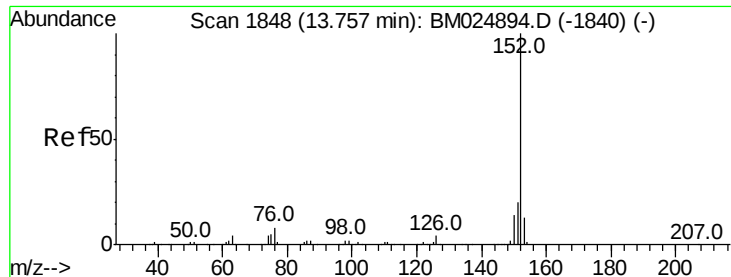
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 18 00:34:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration





#48

Acenaphthylene

Concen: 5.262 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

Instrument :

BNA_M

ClientSampleId :

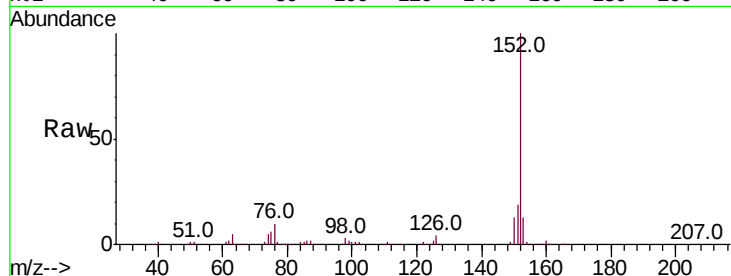
Tot Ion:152 Resp: 365125

Ion Ratio Lower Upper

152 100

151 19.5 15.1 22.7

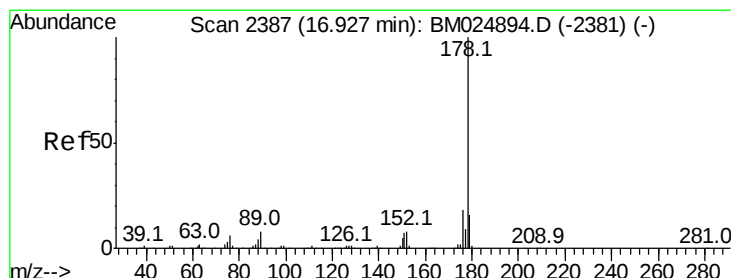
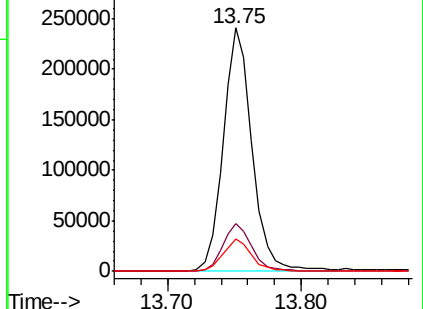
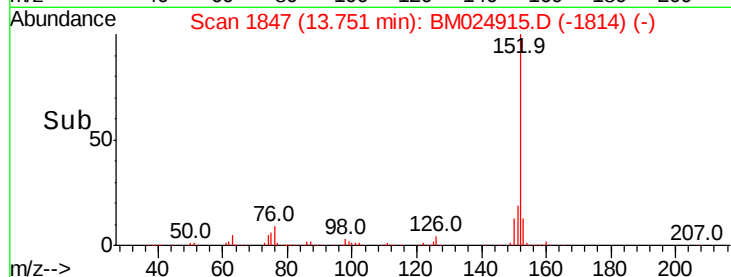
153 13.2 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#72

Anthracene

Concen: 1.768 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

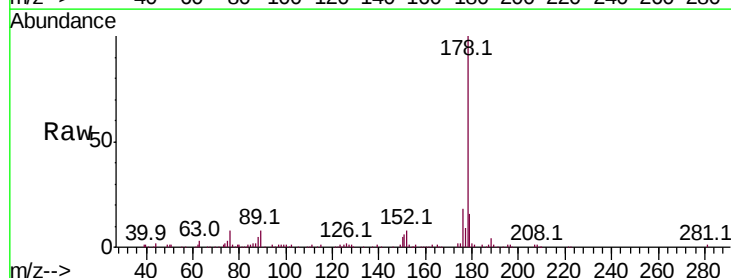
Tgt Ion:178 Resp: 151243

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

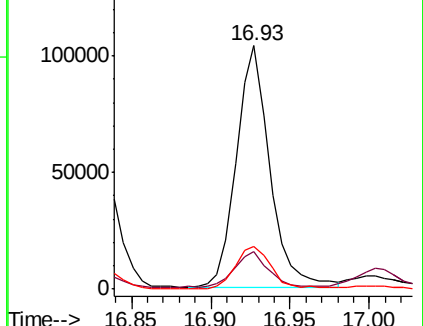
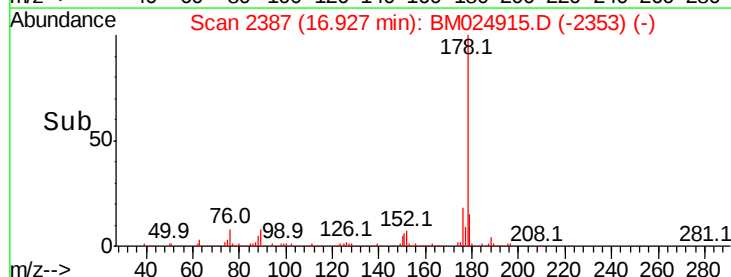
176 17.8 14.1 21.1

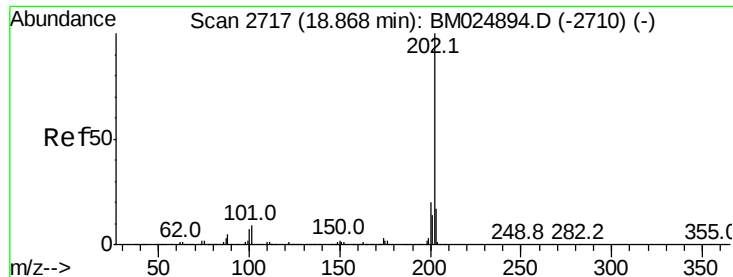


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

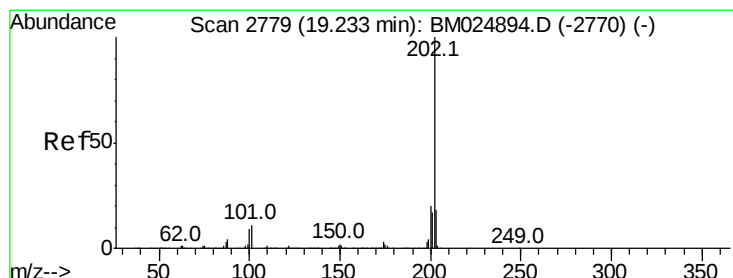
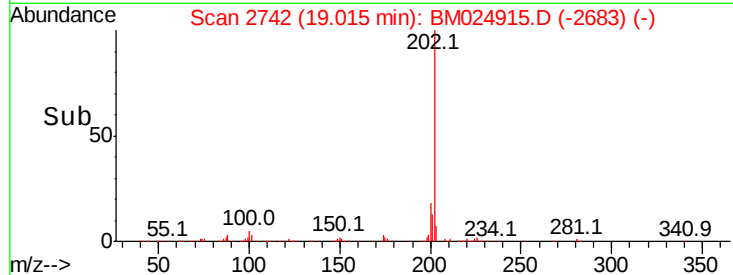
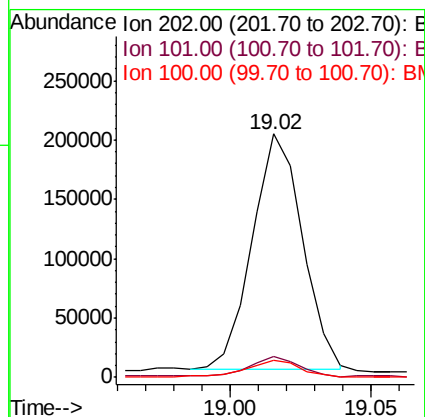
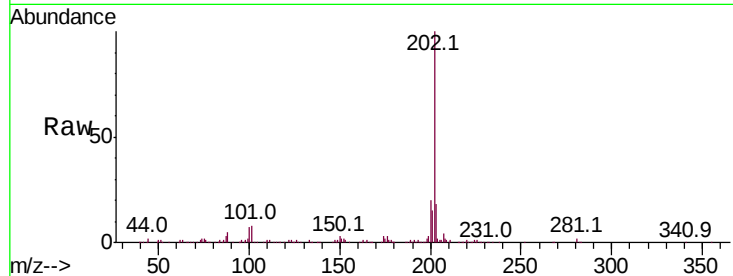




#77
 Fluoranthene
 Concen: 2.357 ng/ul
 RT: 19.02 min Scan# 2742
 Delta R.T. 0.15 min
 Lab File: BM024915.D
 Acq: 17 Feb 2020 20:29

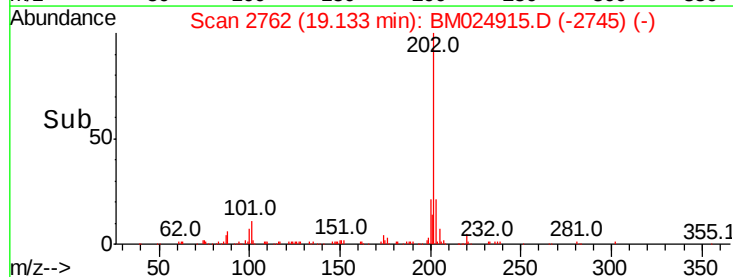
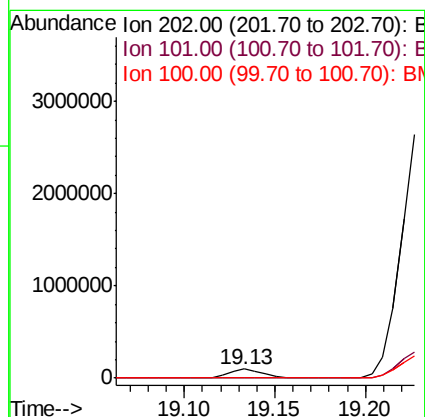
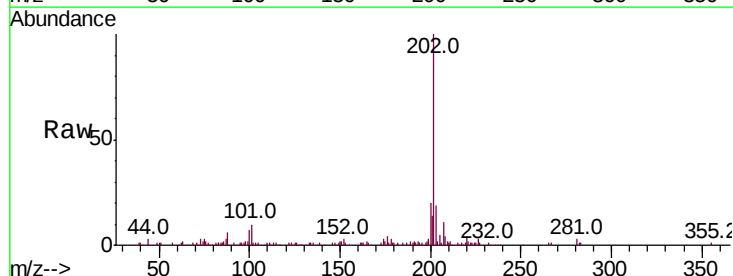
Instrument :
 BNA_M
 ClientSampled :

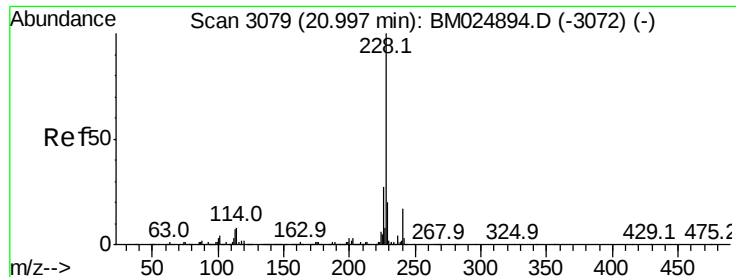
Tot Ion	Ratio	Resp	Lower	Upper
202	100	244016		
101	8.3		6.1	9.1
100	6.8		4.8	7.2



#80
 Pyrene
 Concen: 1.192 ng/ul
 RT: 19.13 min Scan# 2762
 Delta R.T. -0.10 min
 Lab File: BM024915.D
 Acq: 17 Feb 2020 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	127501		
101	10.0		7.0	10.4
100	6.8		5.8	8.8





#83

Benzo(a)anthracene

Concen: 8.789 ng/ul

RT: 21.04 min Scan# 3087

Delta R.T. 0.05 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

Instrument :

BNA_M

ClientSampleId :

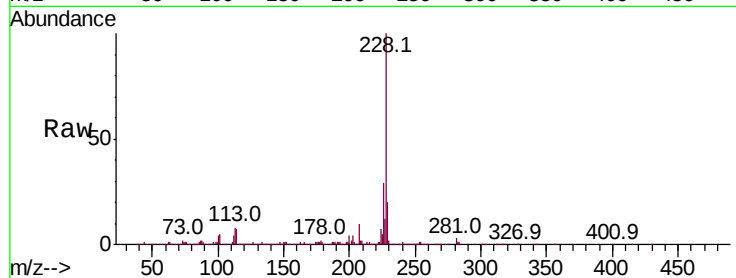
Tot Ion:228 Resp: 956381

Ion Ratio Lower Upper

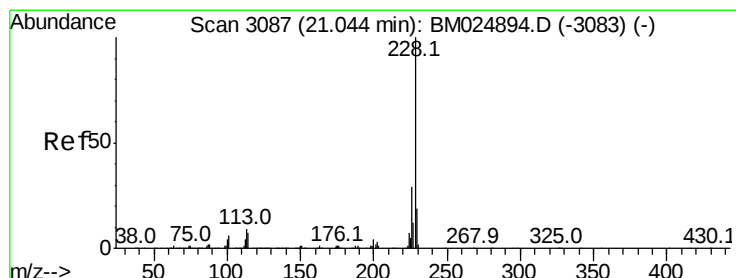
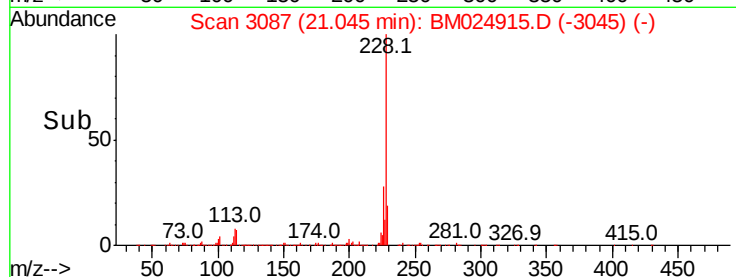
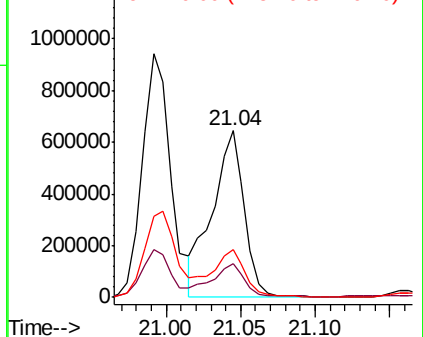
228 100

229 20.0 15.9 23.9

226 29.1 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



#85

Chrysene

Concen: 8.934 ng/ul

RT: 21.04 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

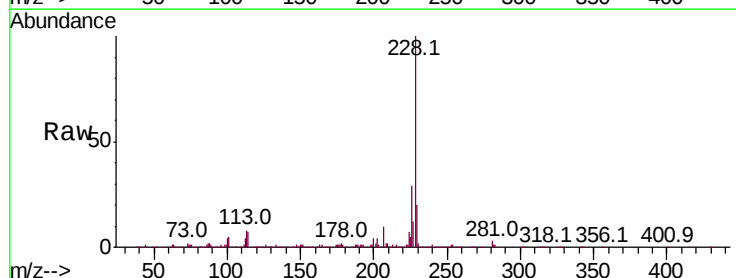
Tgt Ion:228 Resp: 957119

Ion Ratio Lower Upper

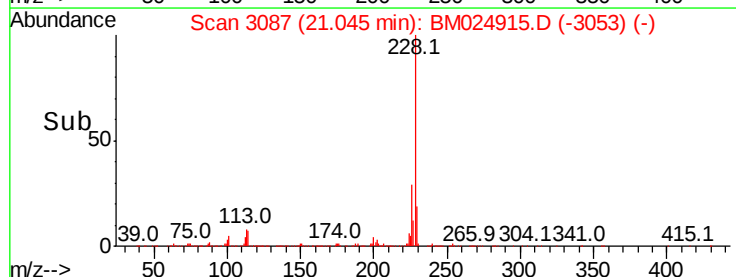
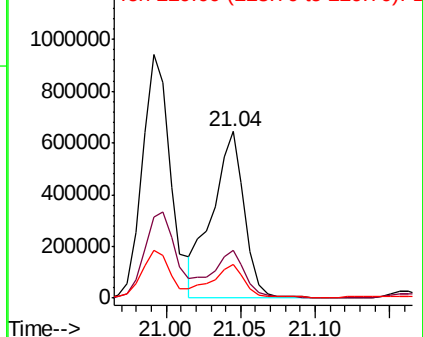
228 100

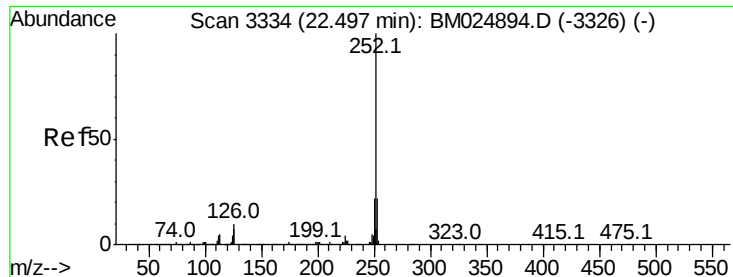
226 29.1 23.0 34.4

229 20.0 15.8 23.8



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





#88

Benzo(b)fluoranthene

Concen: 9.375 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

Instrument :

BNA_M

ClientSampleId :

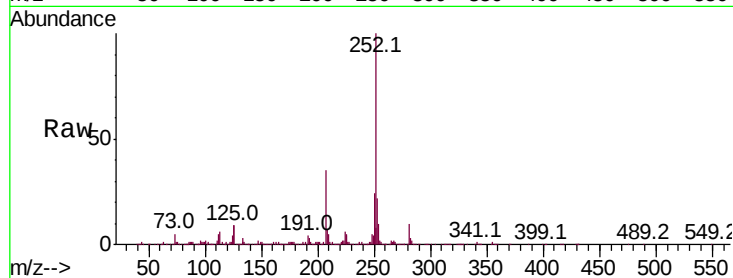
Tot Ion:252 Resp: 1032844

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

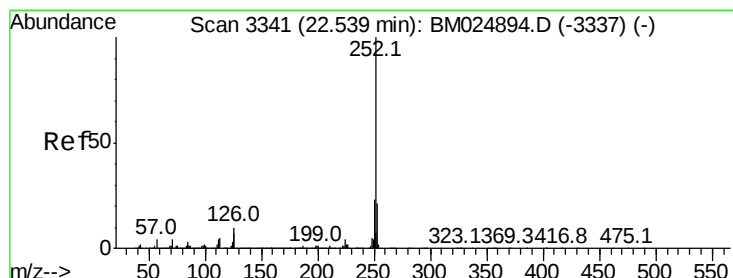
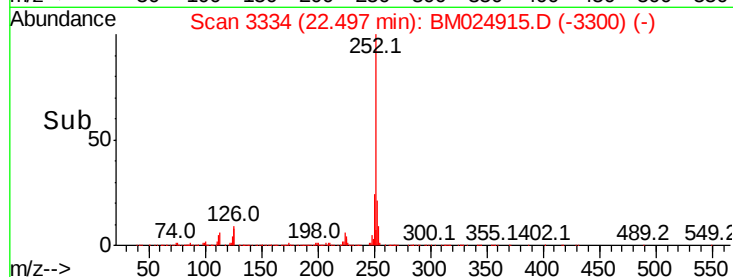
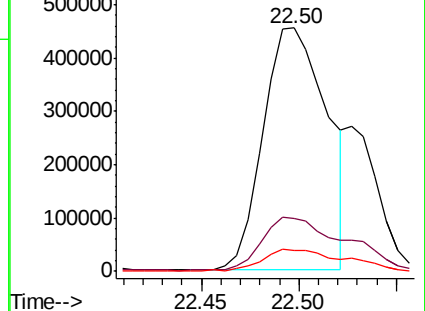
125 8.8 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 9.740 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. -0.04 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

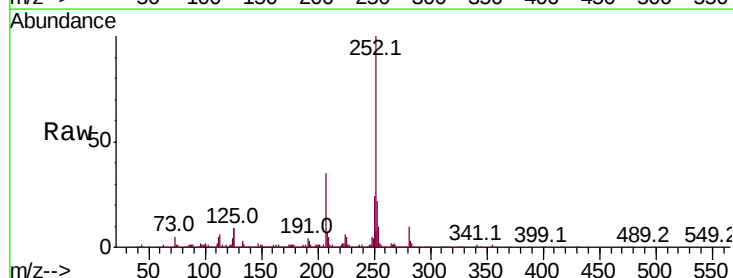
Tgt Ion:252 Resp: 1032844

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

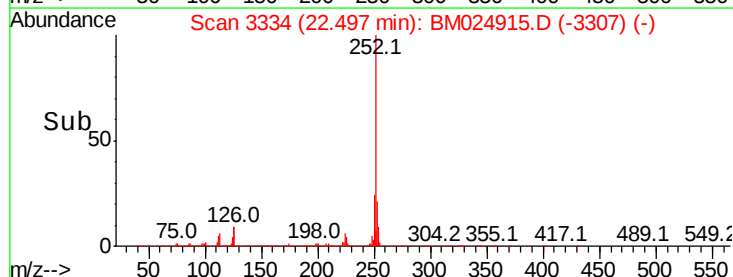
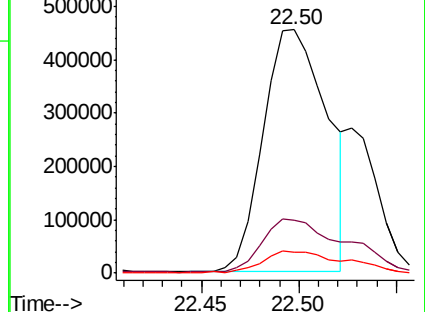
125 8.8 5.1 7.7#

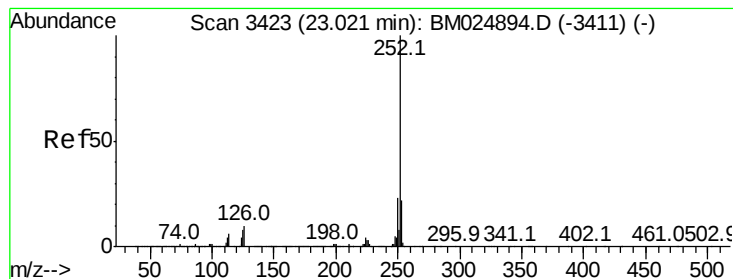


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 9.072 ng/ul

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

Instrument :

BNA_M

ClientSampleId :

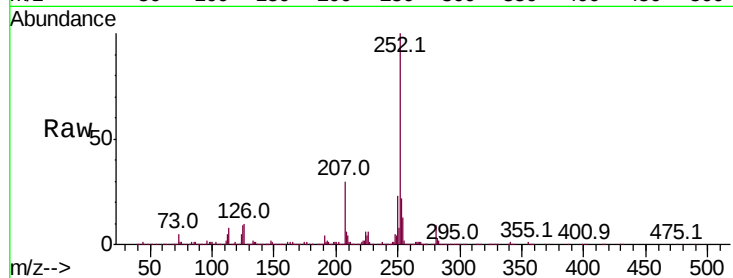
Tot Ion:252 Resp: 896085

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

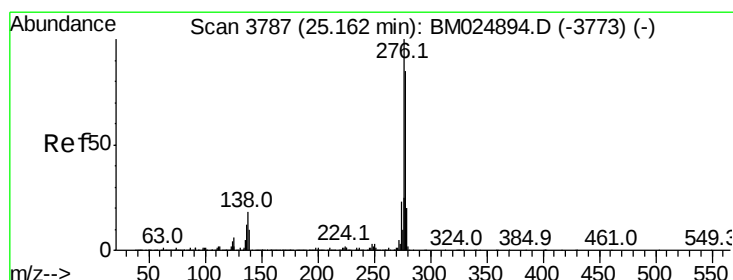
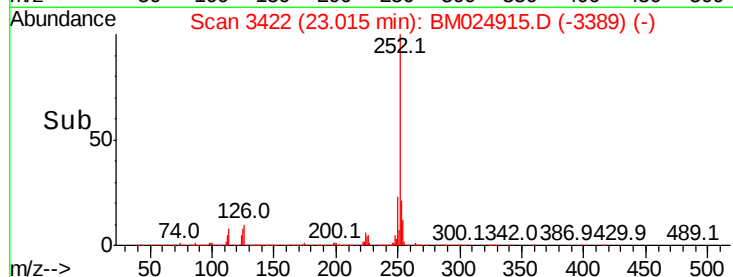
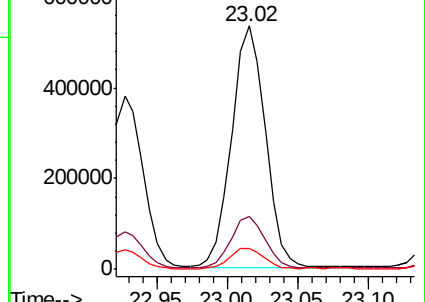
125 8.6 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.609 ng/ul

RT: 25.14 min Scan# 3784

Delta R.T. -0.02 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

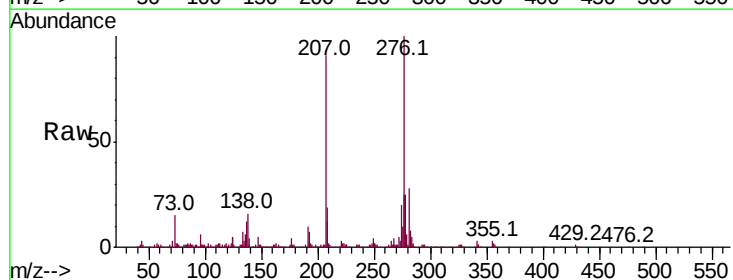
Tgt Ion:276 Resp: 443770

Ion Ratio Lower Upper

276 100

138 16.2 12.8 19.2

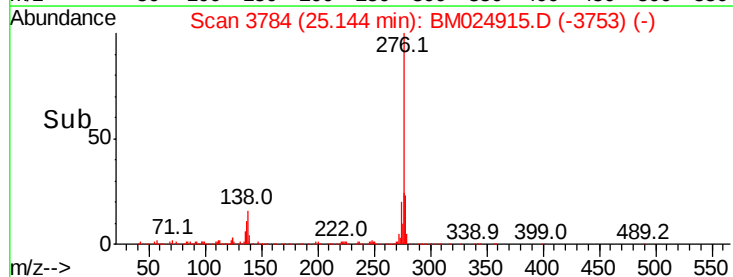
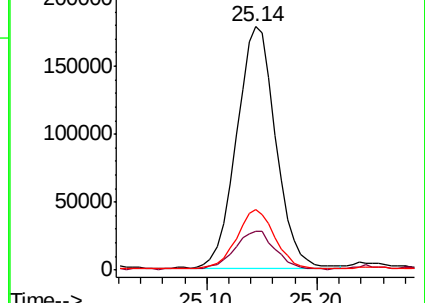
277 24.8 19.3 28.9

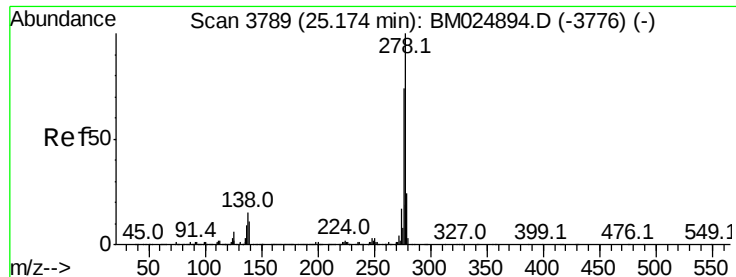


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.286 ng/ul

RT: 25.15 min Scan# 3785

Delta R.T. -0.02 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

Instrument :

BNA_M

ClientSampleId :

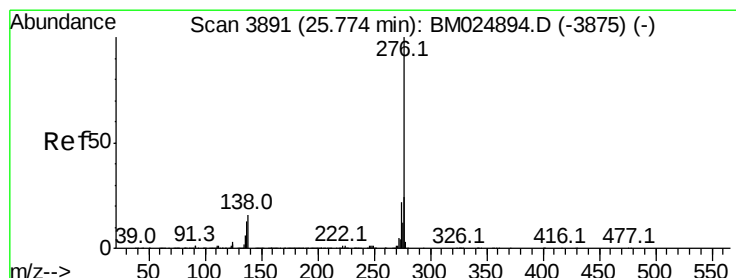
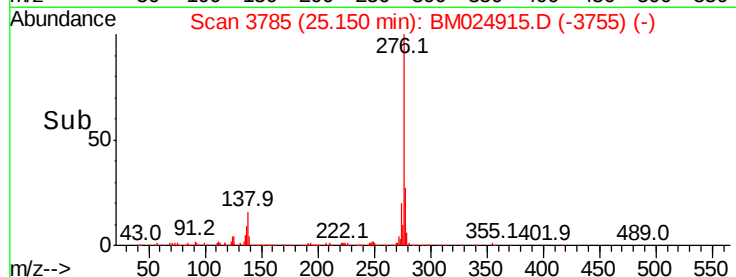
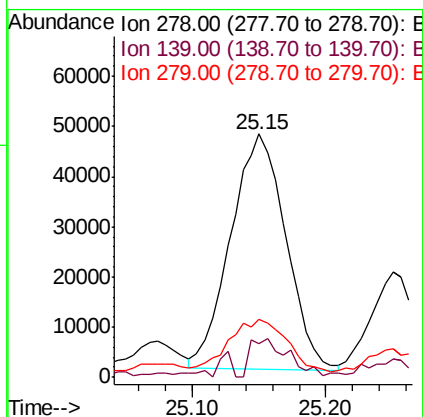
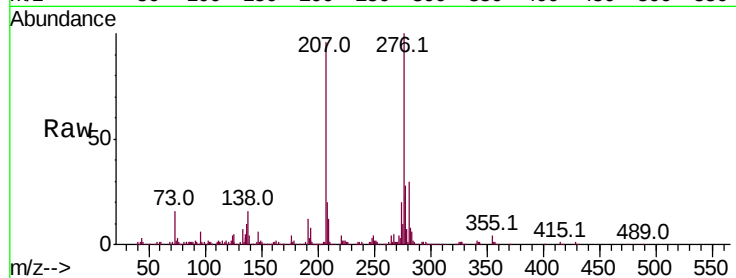
Tot Ion:278 Resp: 134729

Ion Ratio Lower Upper

278 100

139 14.0 8.4 12.6#

279 23.8 18.5 27.7



#94

Benzo(g,h,i)perylene

Concen: 3.969 ng/ul

RT: 25.76 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BM024915.D

Acq: 17 Feb 2020 20:29

Tgt Ion:276 Resp: 405879

Ion Ratio Lower Upper

276 100

138 14.6 11.8 17.6

277 22.9 19.0 28.6

