

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023219.D
 Acq On : 17 Oct 2019 13:26
 Operator : JU
 Sample : K5199-09DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 17 14:35:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 12:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	468761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1779208	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.32	164	1030535	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.07	188	1938955	20.00	ng/ul	0.02
78) Chrysene-d12	21.26	240	2124601	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	2692074	20.00	ng/ul	0.03

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	8671	0.81	ng/uL	0.01
5) Phenol-d5	6.85	99	151112	3.70	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	96732	4.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	134938	4.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	109934	3.35	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	62956	5.23	ng/ul	0.01
22) 2-Nitrophenol-d4	9.54	143	60214	5.25	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.08	165	126463	4.34	ng/ul	0.02
29) 4-Chloroaniline-d4	10.59	131	74315	2.10	ng/ul	0.02
44) Dimethylphthalate-d6	13.73	166	383810	4.86	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	464540	5.02	ng/ul	0.01
52) 4-Nitrophenol-d4	14.52	143	22597	1.77	ng/ul	0.02
58) Fluorene-d10	15.32	176	337957	5.02	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.44	200	8384	1.09	ng/ul	0.03
71) Anthracene-d10	17.16	188	494475	5.29	ng/ul	0.01
79) Pyrene-d10	19.46	212	549758	5.34	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.34	264	716138	5.25	ng/ul	0.02

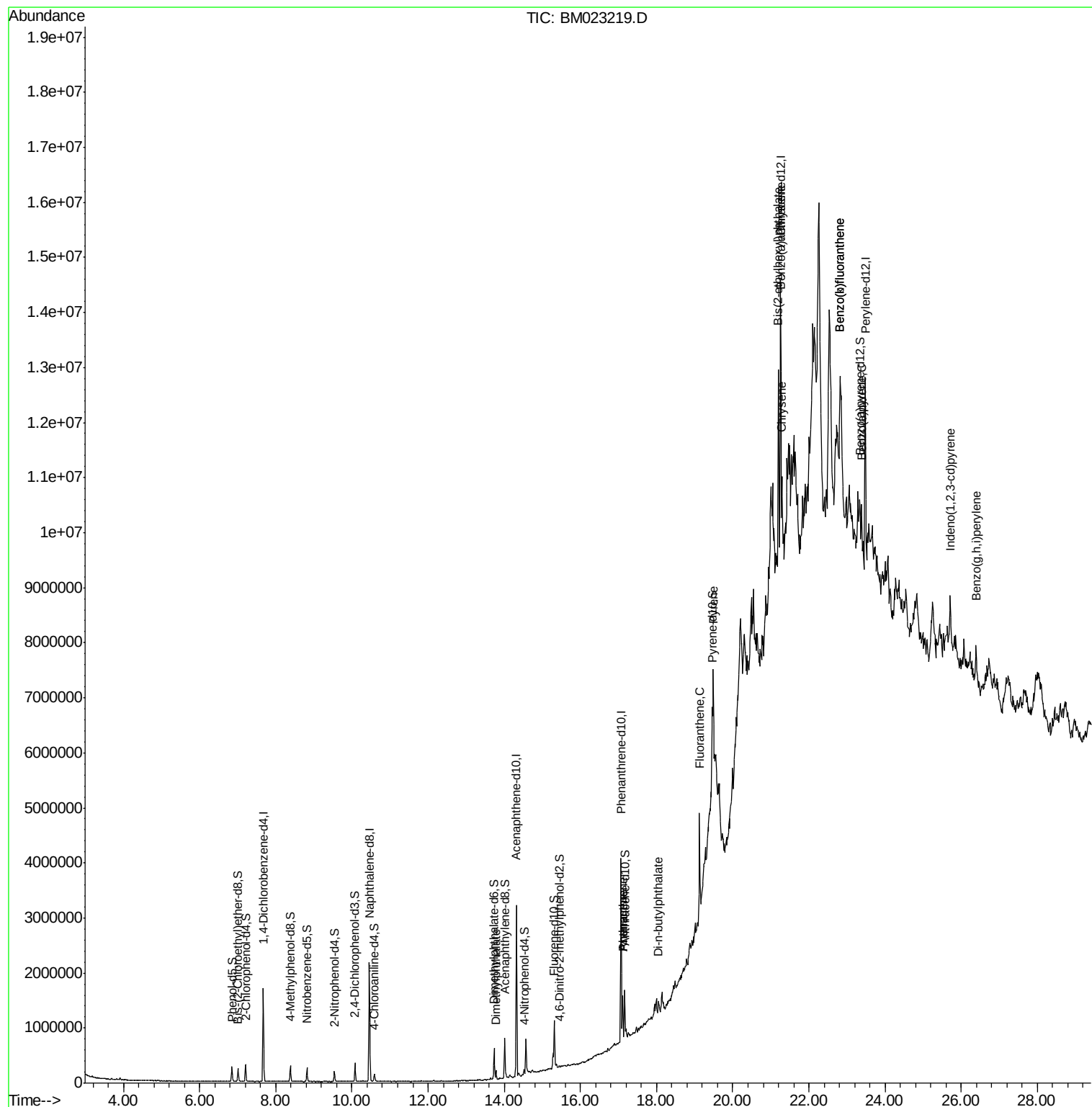
Target Compounds				Ovalue		
45) Dimethylphthalate	13.78	163	106477	1.347	ng/ul	99
70) Phenanthrene	17.11	178	484418	4.452	ng/ul	98
72) Anthracene	17.11	178	485781	4.320	ng/ul	97
76) Di-n-butylphthalate	18.05	149	141920	1.187	ng/ul#	96
77) Fluoranthene	19.13	202	1183059	9.142	ng/ul	99
80) Pyrene	19.49	202	1188273	8.928	ng/ul	100
83) Benzo(a)anthracene	21.24	228	725451	5.039	ng/ul#	87
84) Bis(2-ethylhexyl)phthalate	21.20	149	1475001	20.039	ng/ul#	98
85) Chrysene	21.29	228	784936	5.872	ng/ul#	91
88) Benzo(b)fluoranthene	22.82	252	1058366	6.484	ng/ul#	82
89) Benzo(k)fluoranthene	22.82	252	1058366	6.753	ng/ul#	82
91) Benzo(a)pyrene	23.39	252	808464	5.163	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.71	276	582982	3.129	ng/ul#	90
94) Benzo(g,h,i)perylene	26.39	276	561007	3.658	ng/ul#	89

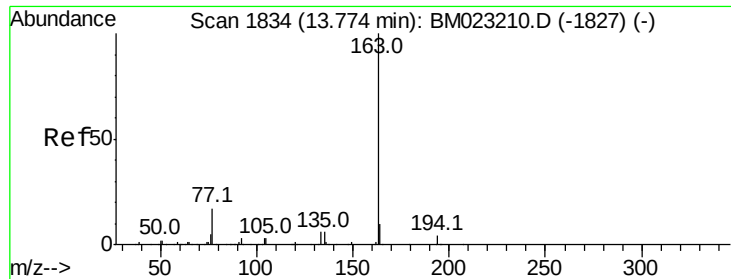
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1.347 ng/ul

RT: 13.78 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Instrument :

BNA_M

ClientSampled :

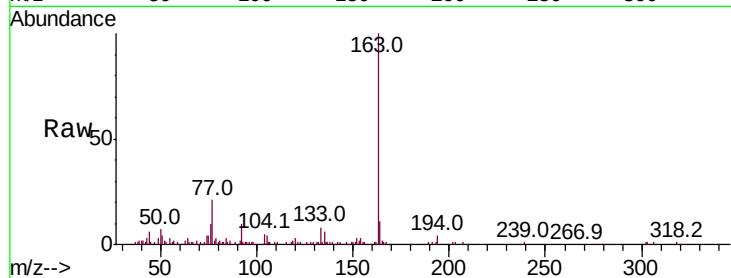
Tot Ion:163 Resp: 106477

Ion Ratio Lower Upper

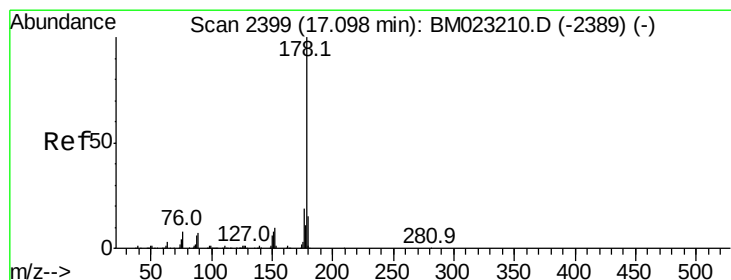
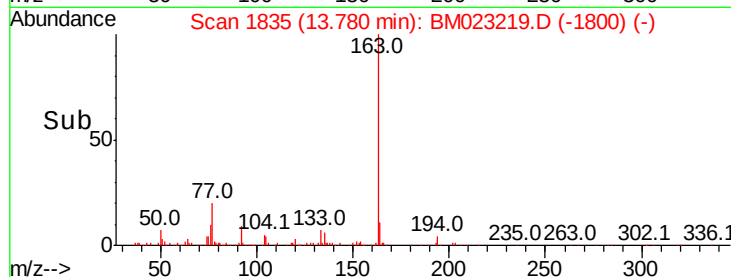
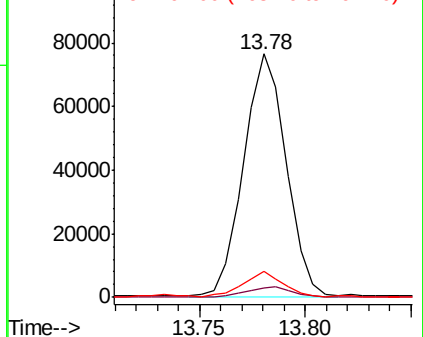
163 100

194 4.0 3.5 5.3

164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 4.452 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. 0.02 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

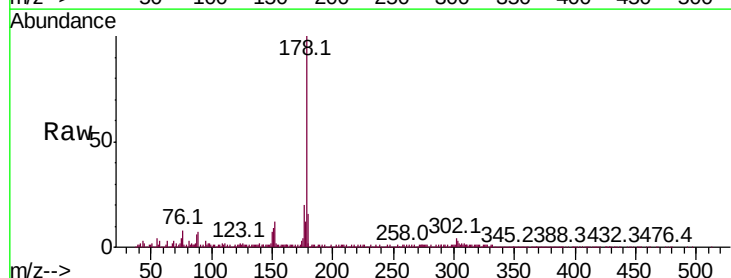
Tgt Ion:178 Resp: 484418

Ion Ratio Lower Upper

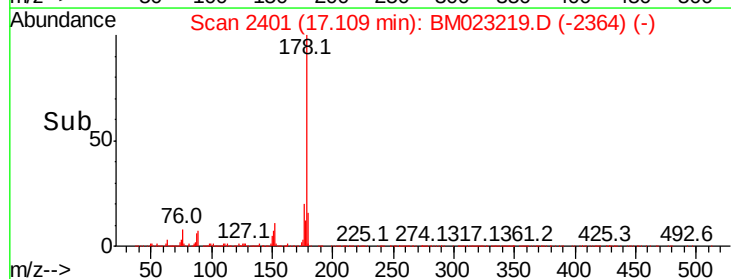
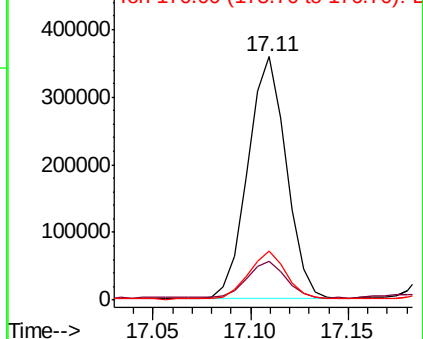
178 100

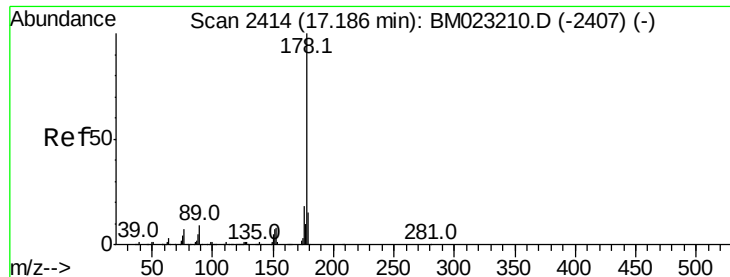
179 16.2 12.3 18.5

176 20.1 15.5 23.3



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





#72

Anthracene

Concen: 4.320 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.08 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Instrument :

BNA_M

ClientSampled :

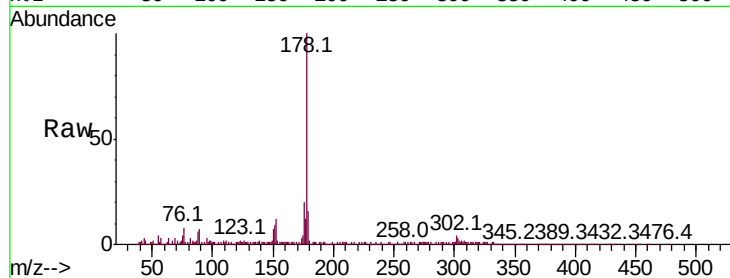
Tot Ion:178 Resp: 485781

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

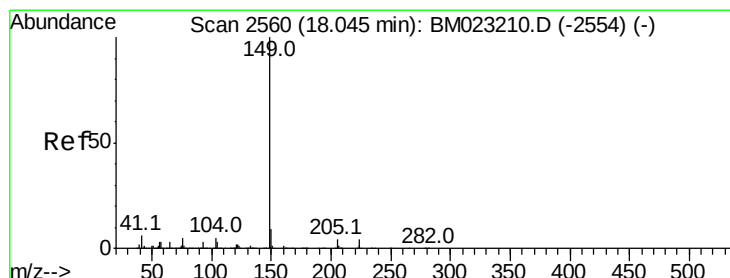
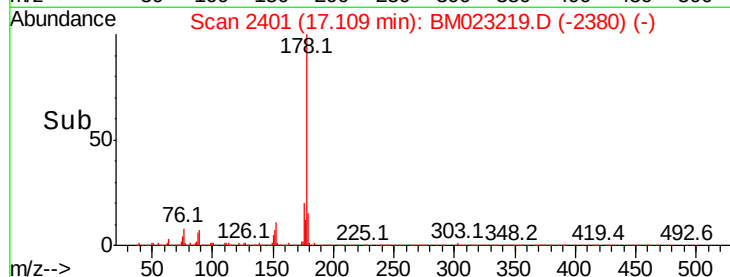
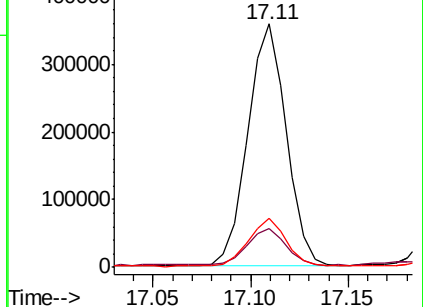
176 20.1 15.0 22.4



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



#76

Di-n-butylphthalate

Concen: 1.187 ng/ul

RT: 18.05 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

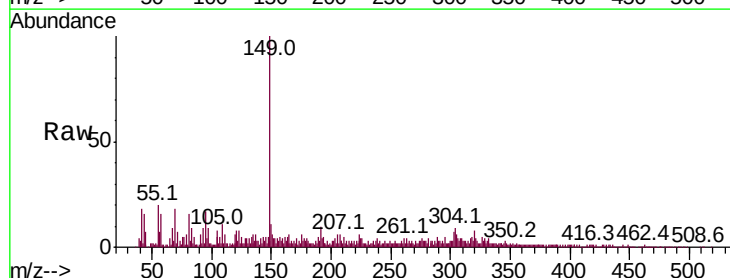
Tgt Ion:149 Resp: 141920

Ion Ratio Lower Upper

149 100

150 11.2 7.0 10.4#

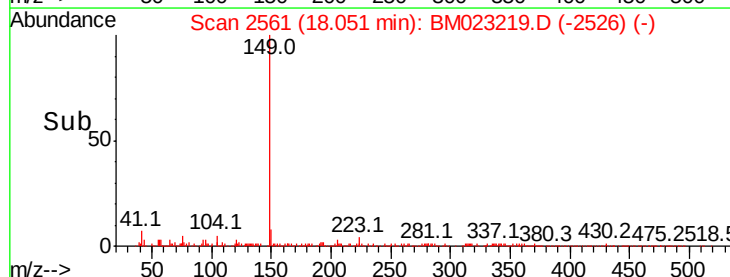
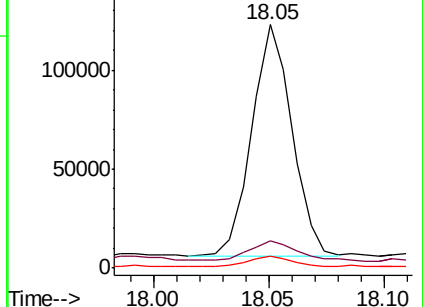
104 5.0 4.0 6.0

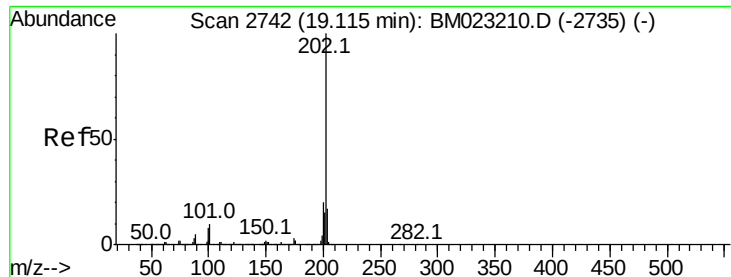


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

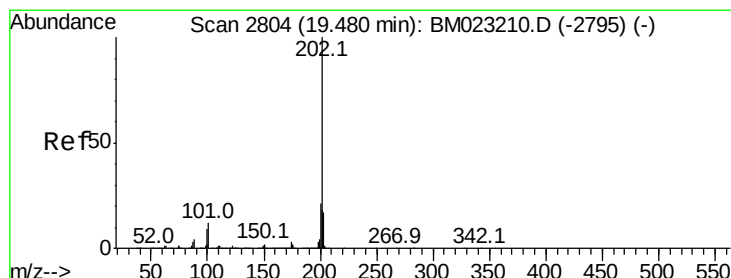
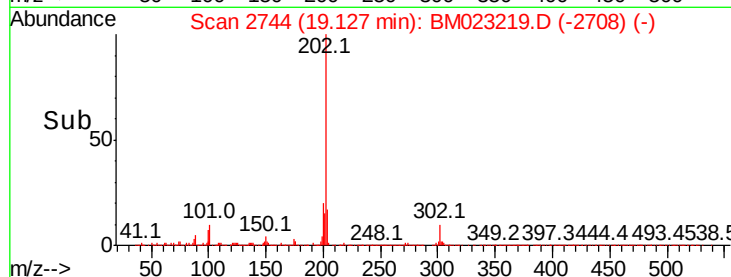
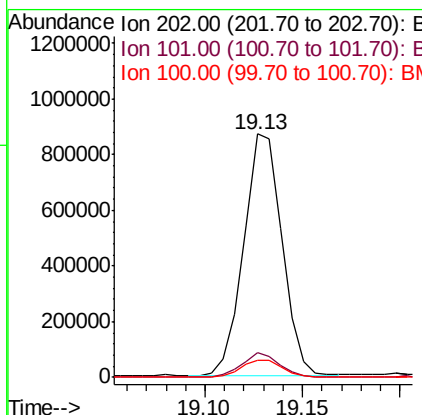
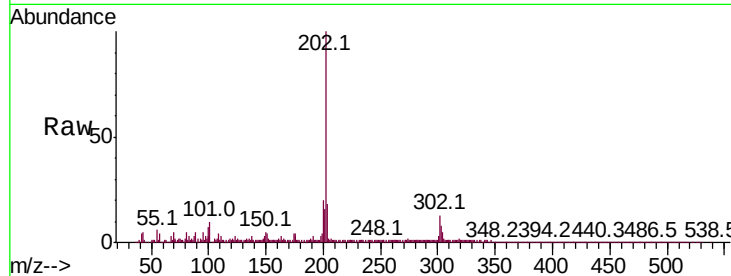




#77
 Fluoranthene
 Concen: 9.142 ng/ul
 RT: 19.13 min Scan# 2744
 Delta R.T. 0.01 min
 Lab File: BM023219.D
 Acq: 17 Oct 2019 13:26

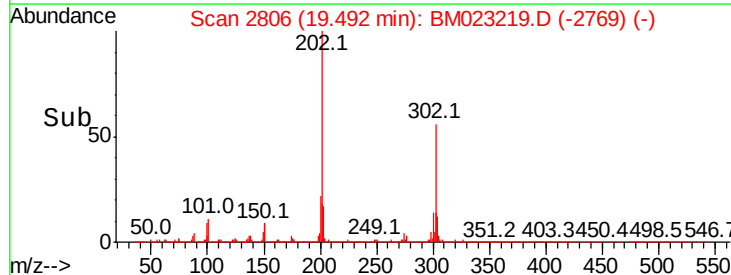
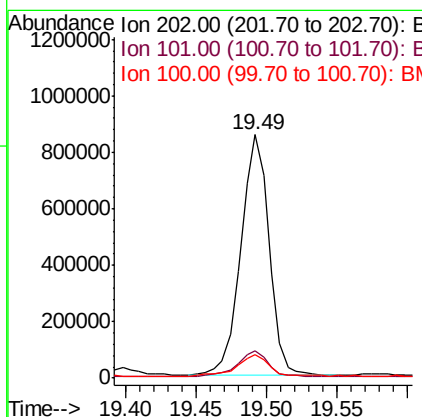
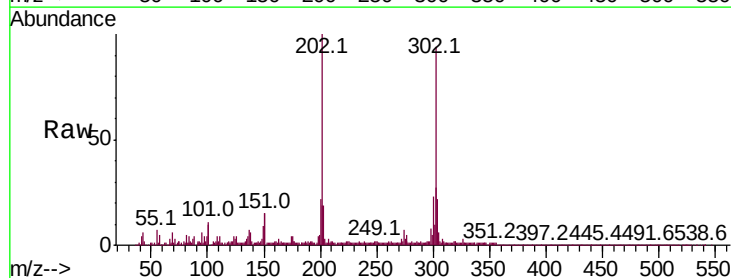
Instrument :
 BNA_M
 ClientSampled :

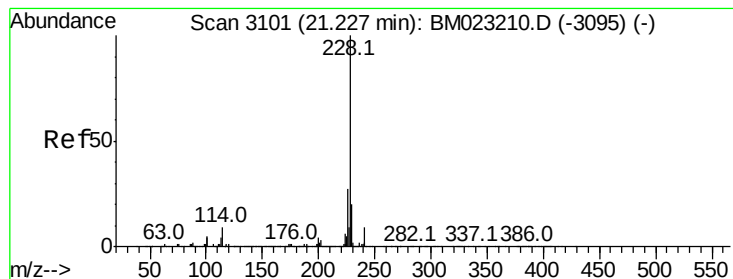
Tot Ion:202 Resp: 1183059
 Ion Ratio Lower Upper
 202 100
 101 10.1 7.8 11.8
 100 7.2 6.1 9.1



#80
 Pyrene
 Concen: 8.928 ng/ul
 RT: 19.49 min Scan# 2806
 Delta R.T. 0.02 min
 Lab File: BM023219.D
 Acq: 17 Oct 2019 13:26

Tgt Ion:202 Resp: 1188273
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.1 13.7
 100 9.6 7.5 11.3





#83

Benzo(a)anthracene

Concen: 5.039 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.02 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Instrument :

BNA_M

ClientSampleId :

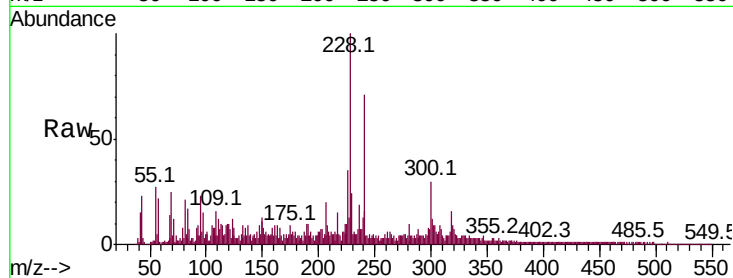
Tot Ion:228 Resp: 725451

Ion Ratio Lower Upper

228 100

229 23.8 15.7 23.5#

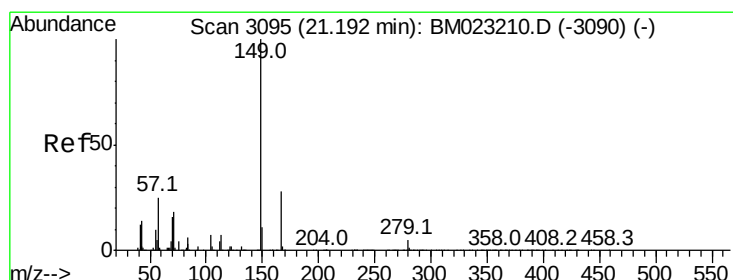
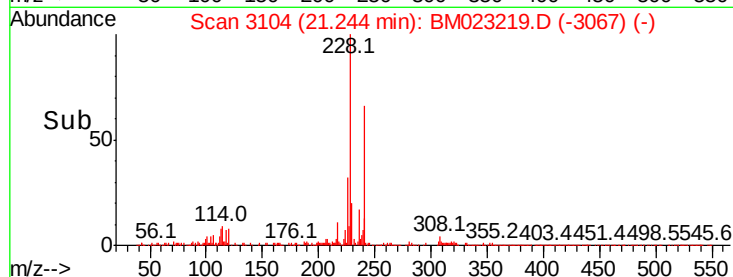
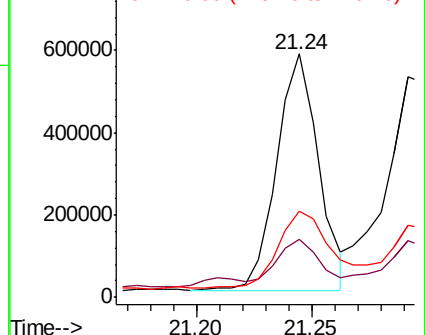
226 35.3 21.6 32.4#



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: 20.039 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

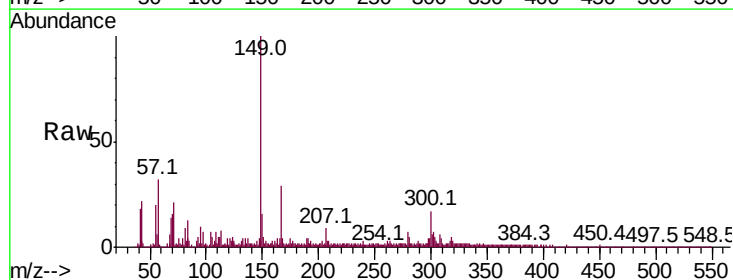
Tgt Ion:149 Resp: 1475001

Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

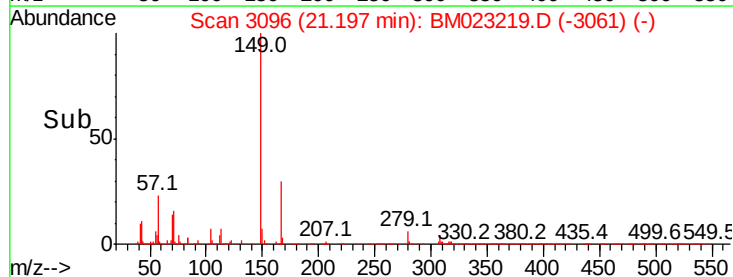
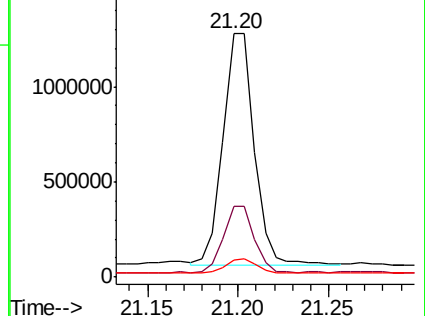
279 6.9 4.0 6.0#

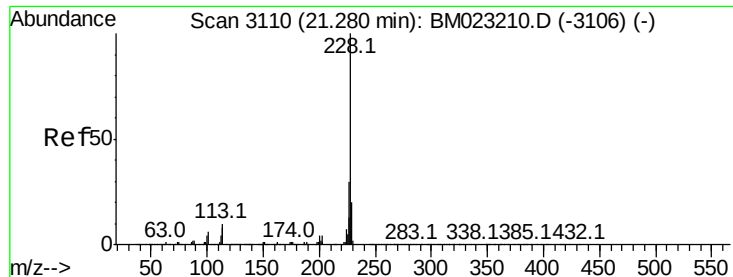


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 5.872 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

Instrument :

BNA_M

ClientSampleId :

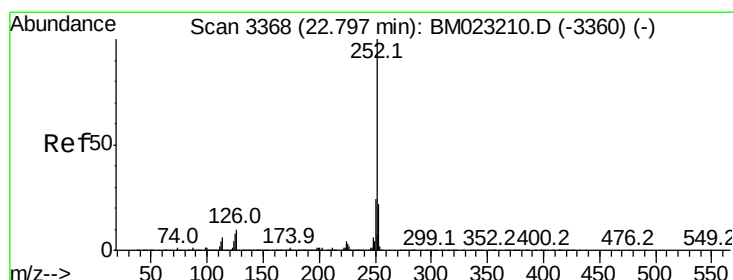
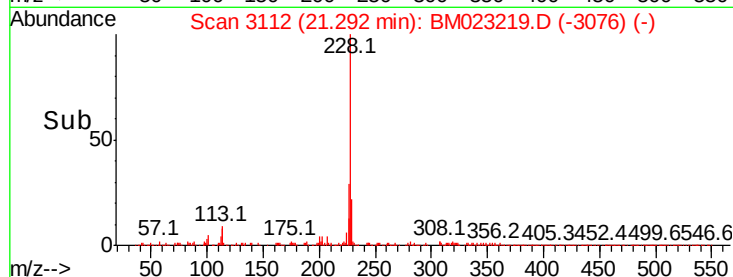
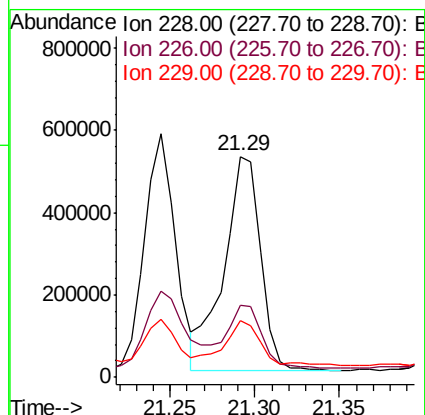
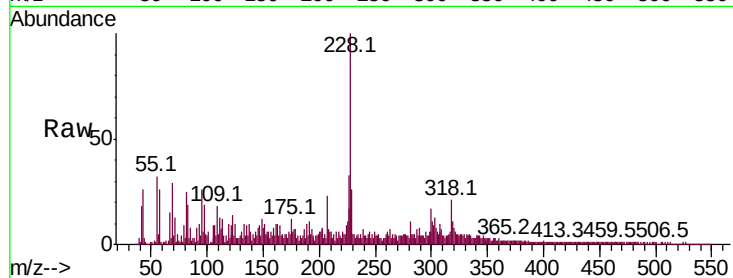
Tot Ion:228 Resp: 784936

Ion Ratio Lower Upper

228 100

226 32.8 23.8 35.6

229 25.9 15.5 23.3#



#88

Benzo(b)fluoranthene

Concen: 6.484 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. 0.03 min

Lab File: BM023219.D

Acq: 17 Oct 2019 13:26

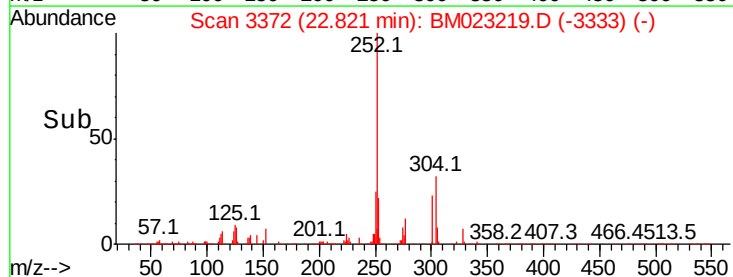
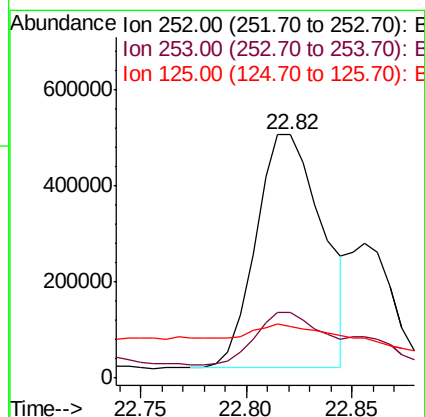
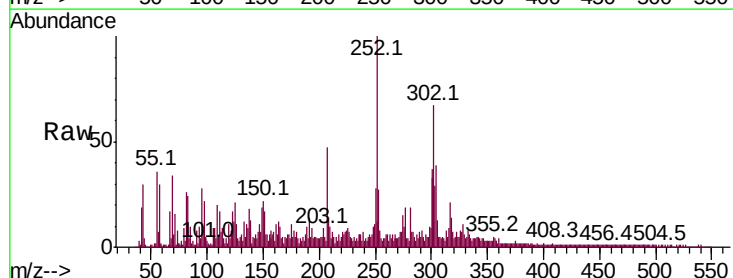
Tgt Ion:252 Resp: 1058366

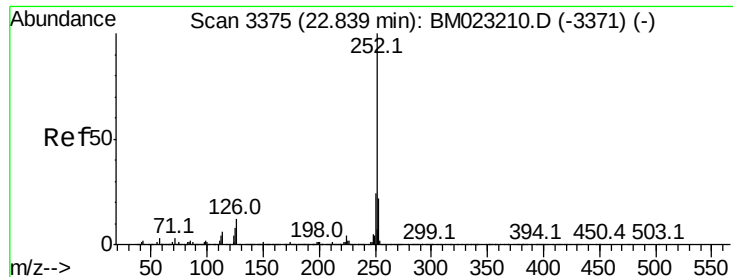
Ion Ratio Lower Upper

252 100

253 27.1 17.6 26.4#

125 21.3 6.4 9.6#

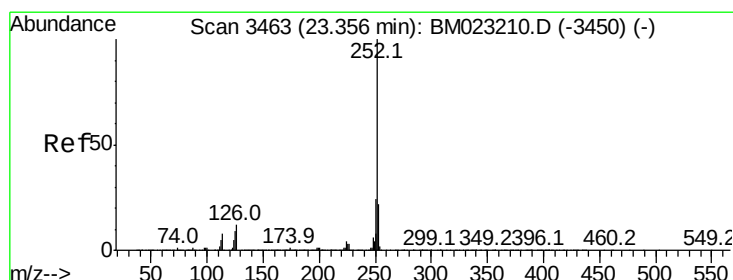
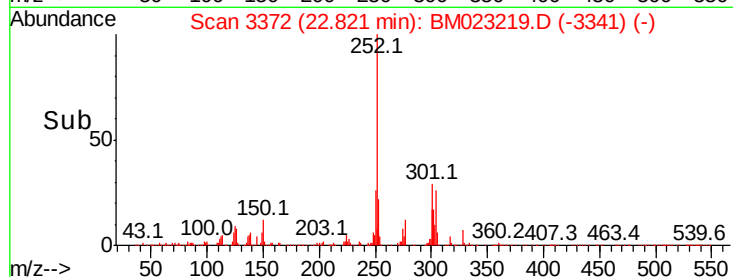
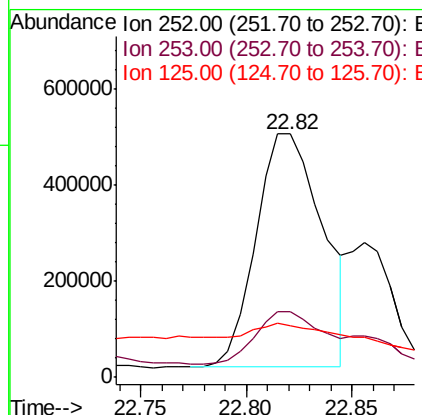
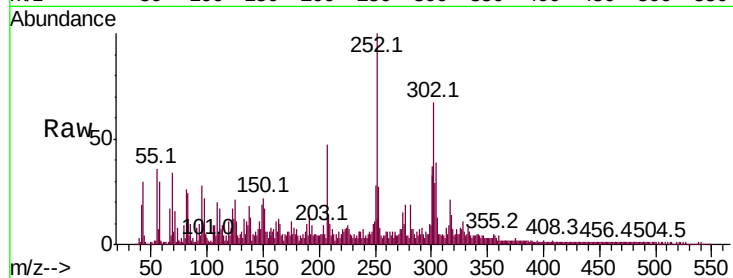




#89
Benzo(k)fluoranthene
Concen: 6.753 ng/ul
RT: 22.82 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BM023219.D
Acq: 17 Oct 2019 13:26

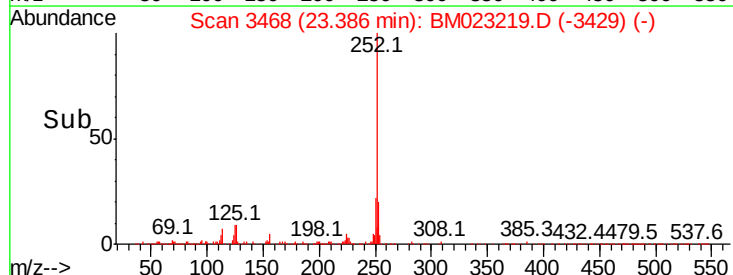
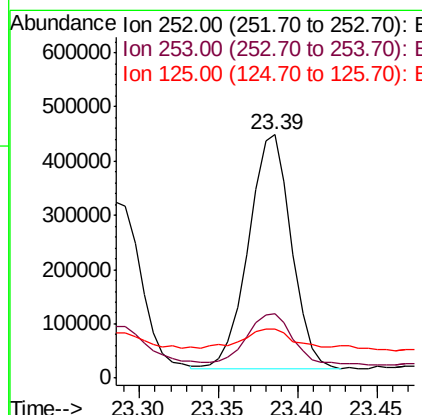
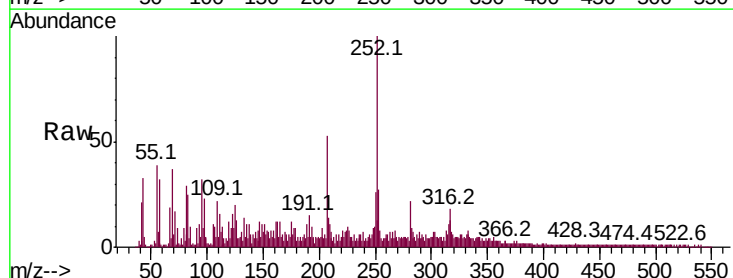
Instrument :
BNA_M
ClientSampleId :

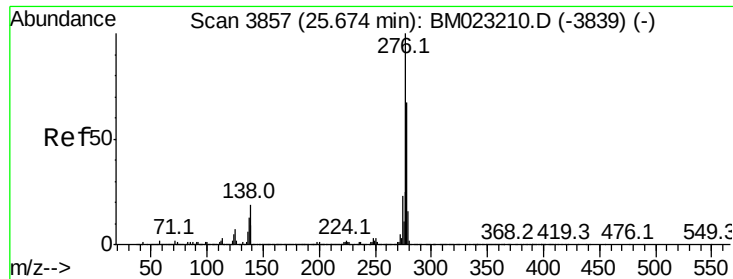
Tot Ion:252 Resp: 1058366
Ion Ratio Lower Upper
252 100
253 27.1 17.4 26.0#
125 21.3 6.5 9.7#



#91
Benzo(a)pyrene
Concen: 5.163 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. 0.03 min
Lab File: BM023219.D
Acq: 17 Oct 2019 13:26

Tgt Ion:252 Resp: 808464
Ion Ratio Lower Upper
252 100
253 26.6 17.2 25.8#
125 20.0 7.4 11.0#



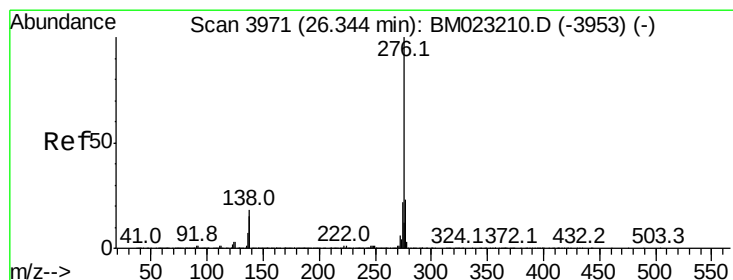
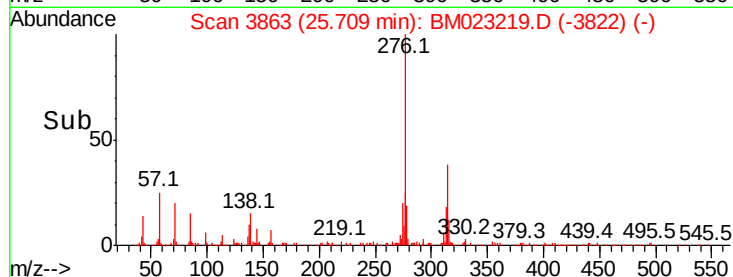
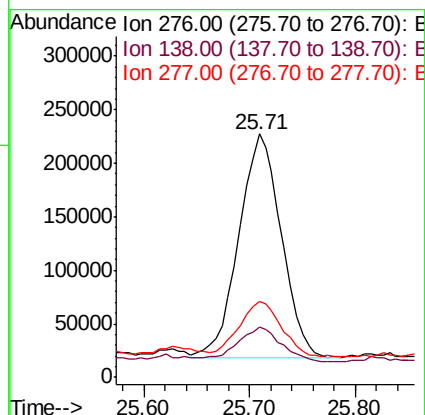
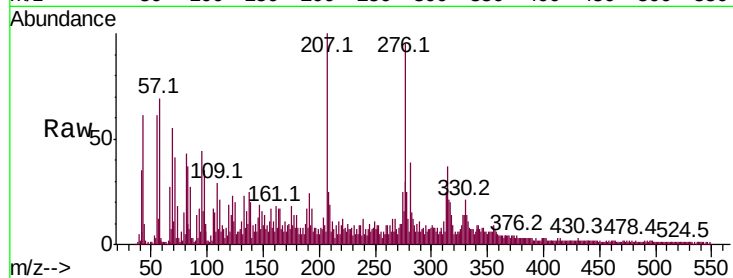


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.129 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. 0.04 min
Lab File: BM023219.D
Acq: 17 Oct 2019 13:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	14.9	22.3
277	31.4	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 3.658 ng/ul
RT: 26.39 min Scan# 3978
Delta R.T. 0.05 min
Lab File: BM023219.D
Acq: 17 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	14.4	21.6
277	31.1	19.4	29.2

