

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
 Data File : BM009275.D
 Acq On : 17 Mar 2017 15:49
 Operator : SJ/MA
 Sample : I2218-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 00:39:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	76703	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	349250	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	246837	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	674406	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1150210	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1247116	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.29	165	5301	0.94	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	532689	25.45	ng/ul	0.00
10) Fluorene-d10	15.51	176	480065	26.17	ng/ul	0.00
15) Anthracene-d10	17.36	188	846864	26.43	ng/ul	0.00
19) Pyrene-d10	19.65	212	1146686	24.87	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.69	264	2363	0.04	ng/ul	0.07

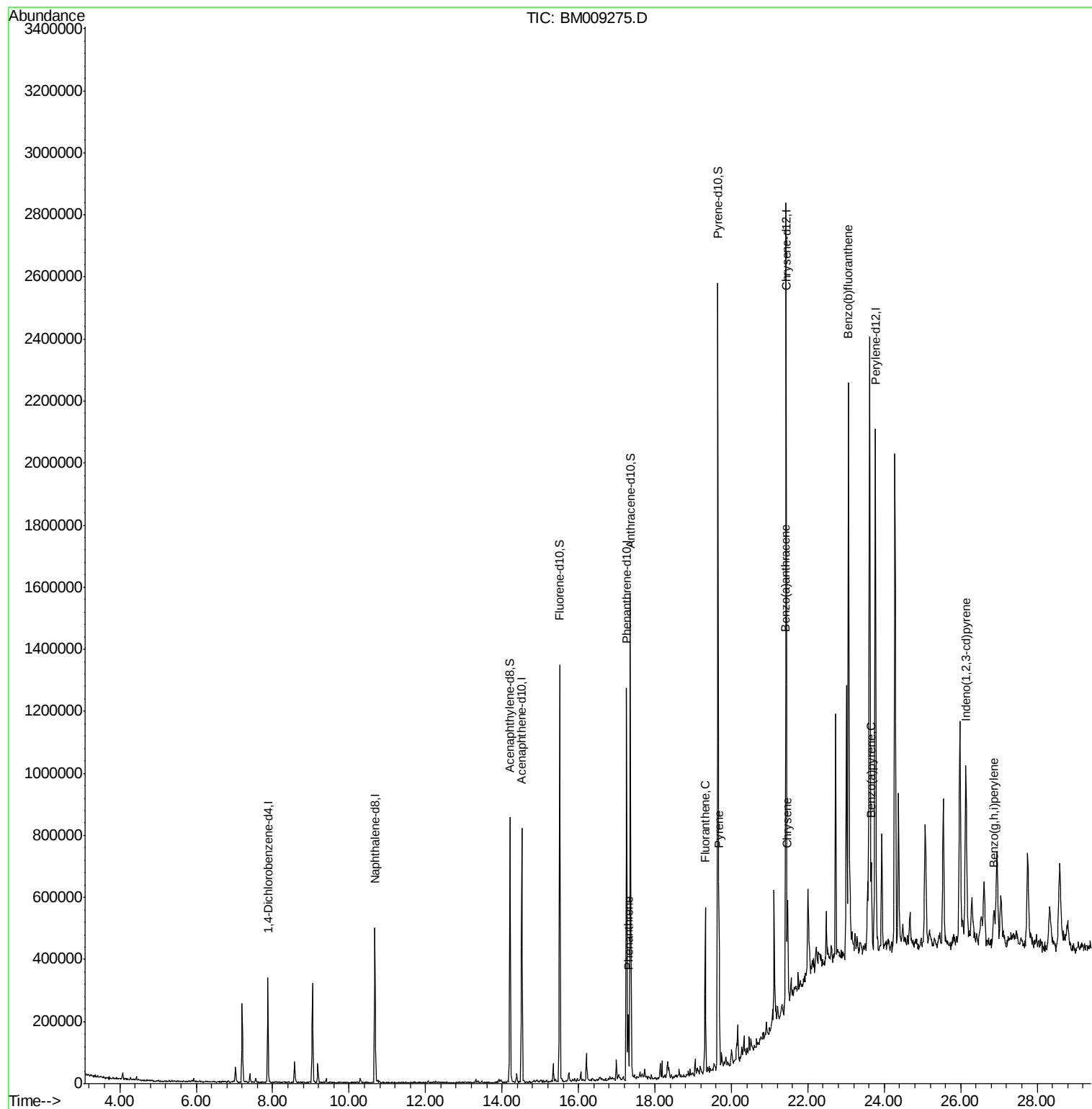
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.30	178	111062	2.92	ng/ul	97
17) Fluoranthene	19.32	202	294685	6.12	ng/ul#	97
20) Pyrene	19.68	202	285399	4.81	ng/ul#	95
21) Benzo(a)anthracene	21.42	228	190669	2.91	ng/ul	99
22) Chrysene	21.47	228	205952	3.33	ng/ul	96
24) Benzo(b)fluoranthene	23.06	252	318438	4.34	ng/ul#	88
27) Benzo(a)pyrene	23.66	252	173446	2.46	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.14	276	161676	1.93	ng/ul#	94
30) Benzo(g,h,i)perylene	26.86	276	73202	1.05	ng/ul#	85

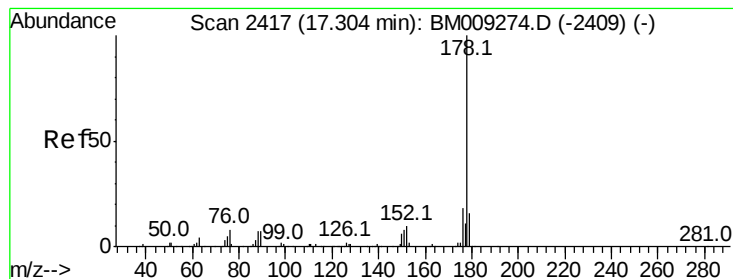
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 2.92 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM009275.D

Acq: 17 Mar 2017 15:49

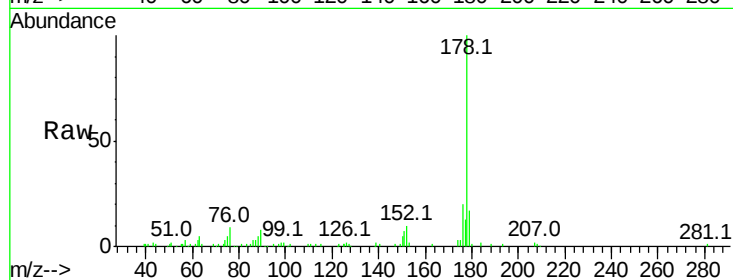
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 111062

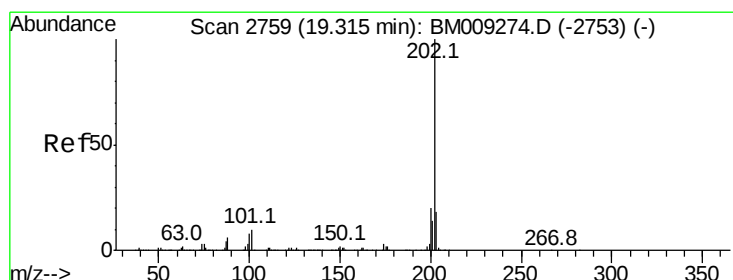
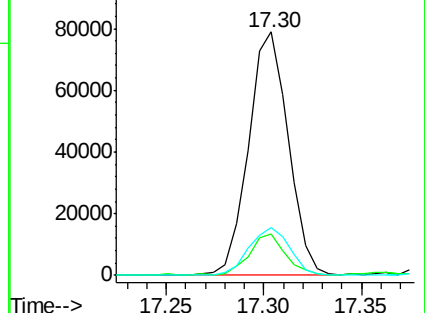
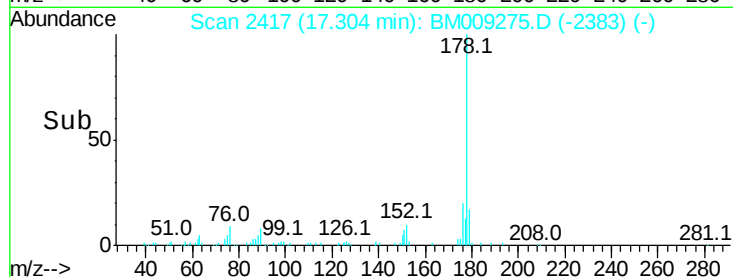
Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.2	18.4
176	19.6	16.4	24.6



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



#17

Fluoranthene

Concen: 6.12 ng/ul

RT: 19.32 min Scan# 2759

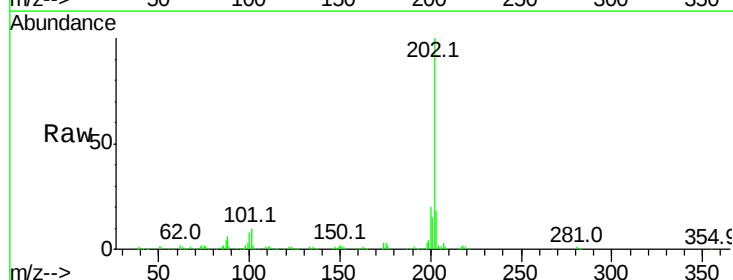
Delta R.T. 0.00 min

Lab File: BM009275.D

Acq: 17 Mar 2017 15:49

Tgt Ion:202 Resp: 294685

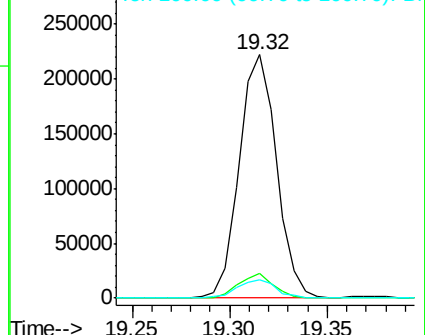
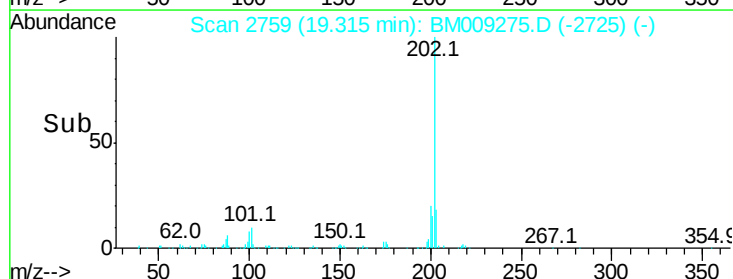
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	7.5	7.5	11.3#

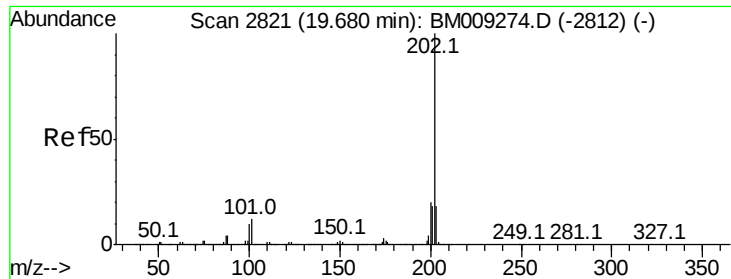


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

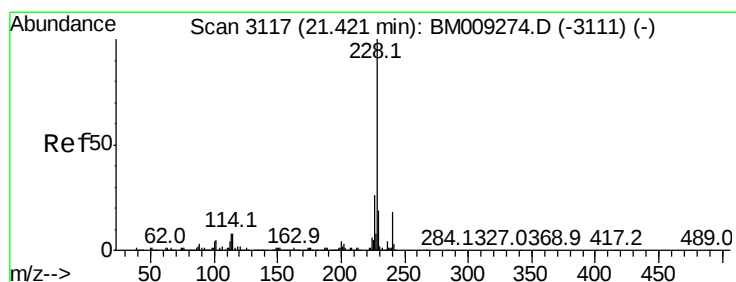
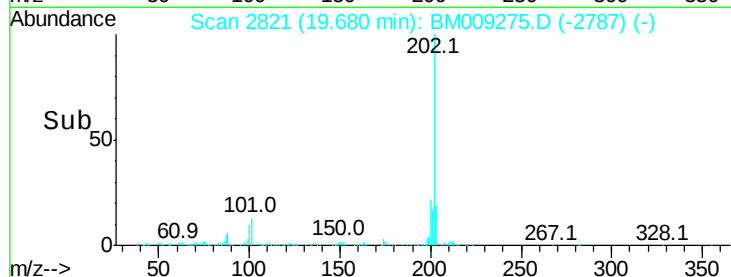
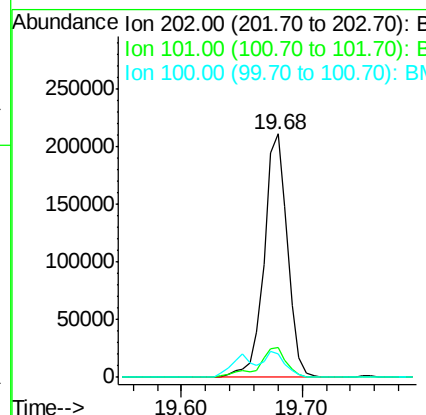
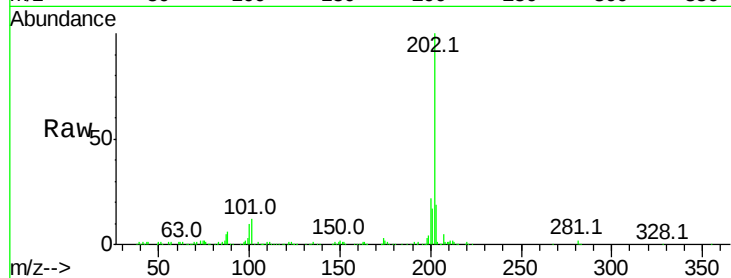




#20
Pvrene
Concen: 4.81 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM009275.D
Acq: 17 Mar 2017 15:49

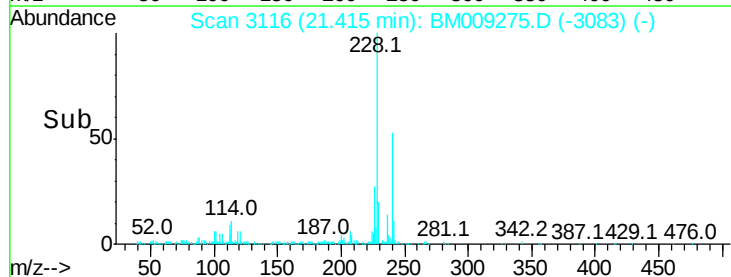
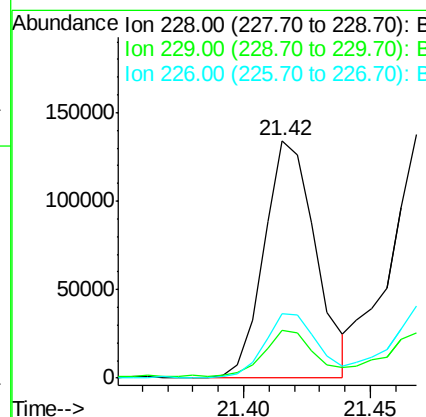
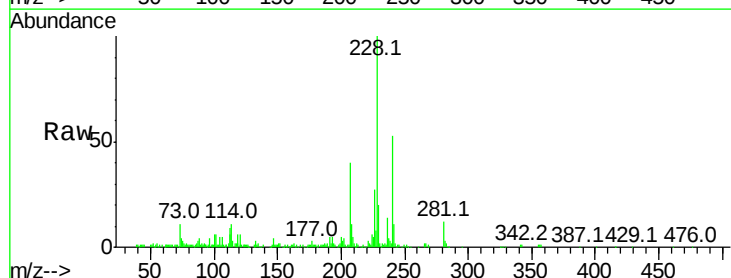
Instrument :
BNA_M
ClientSampled :

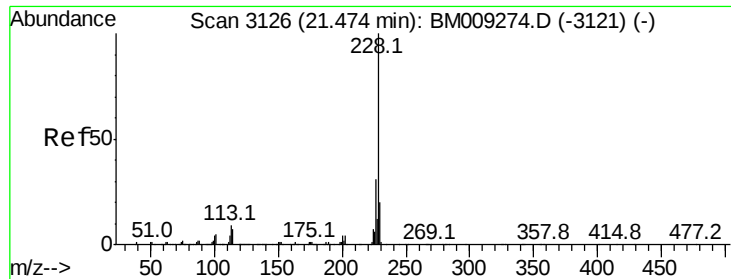
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.2	16.8
100	9.7	9.8	14.6



#21
Benzo(a)anthracene
Concen: 2.91 ng/ul
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009275.D
Acq: 17 Mar 2017 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	27.0	22.1	33.1





#22

Chrysene

Concen: 3.33 ng/ul

RT: 21.47 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM009275.D

Acq: 17 Mar 2017 15:49

Instrument :

BNA_M

ClientSampleId :

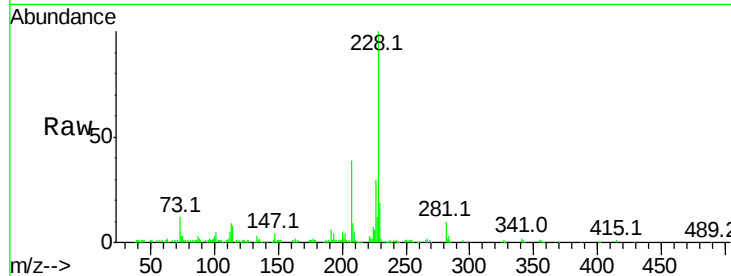
Tot Ion:228 Resp: 205952

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

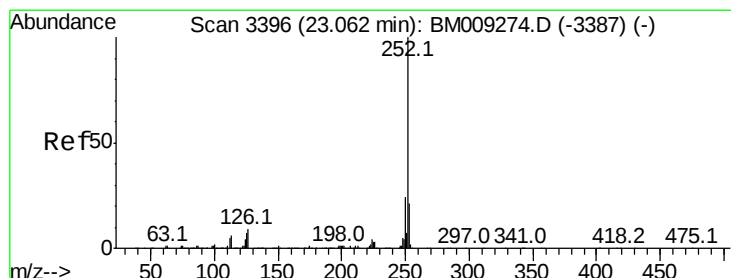
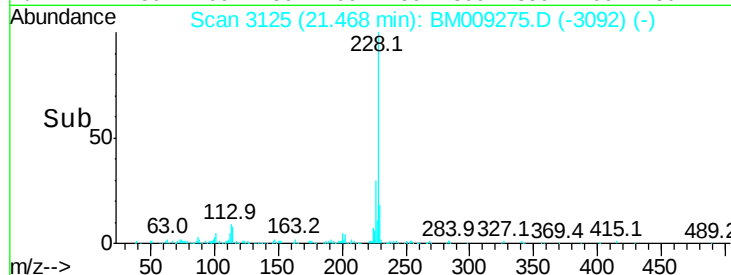
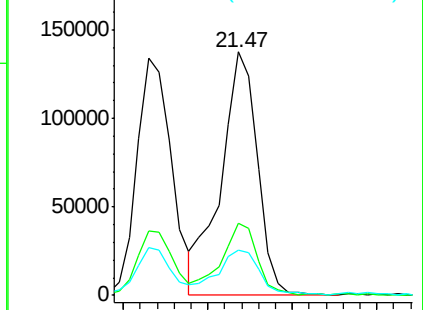
229 18.6 16.6 25.0



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



#24

Benzo(b)fluoranthene

Concen: 4.34 ng/ul

RT: 23.06 min Scan# 3396

Delta R.T. 0.00 min

Lab File: BM009275.D

Acq: 17 Mar 2017 15:49

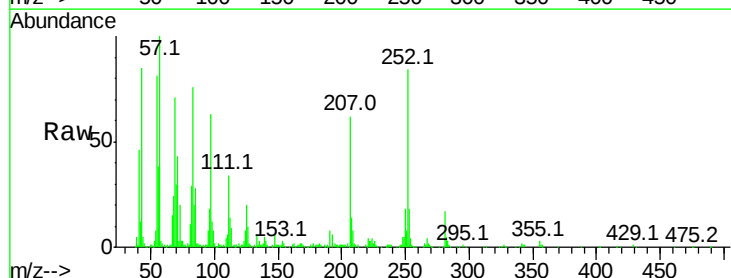
Tgt Ion:252 Resp: 318438

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

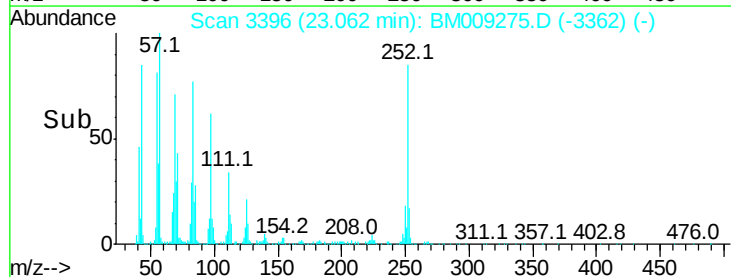
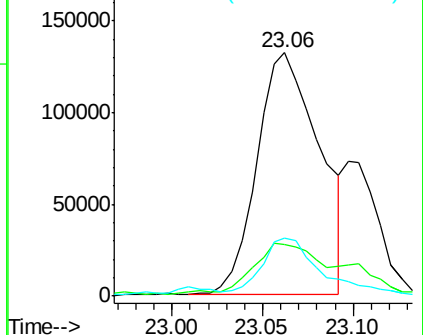
125 24.0 9.4 14.0#

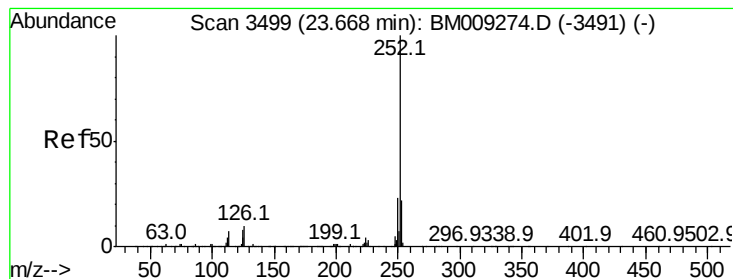


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 2.46 ng/ul

RT: 23.66 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BM009275.D

Acq: 17 Mar 2017 15:49

Instrument :

BNA_M

ClientSampleId :

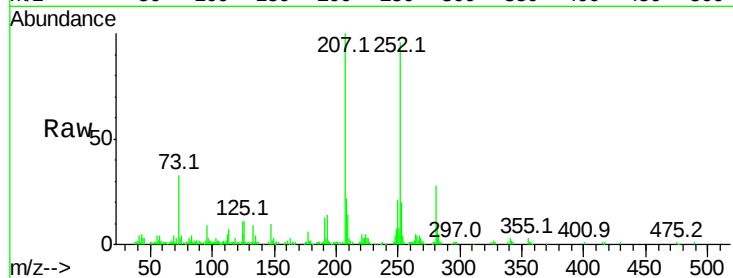
Tot Ion:252 Resp: 173446

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	11.5	9.4	14.2

252 100

253 21.1 17.1 25.7

125 11.5 9.4 14.2

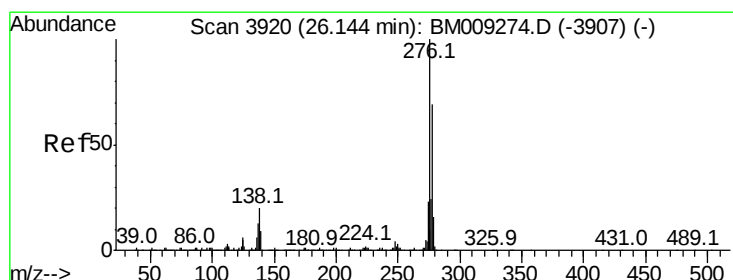
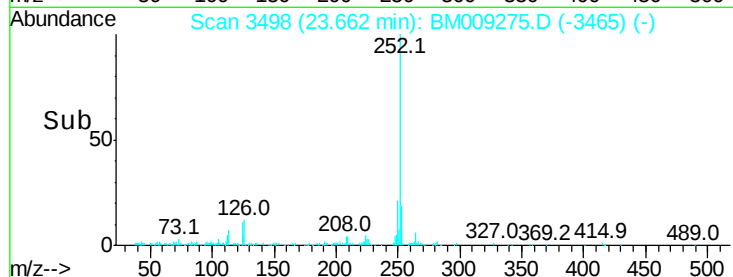
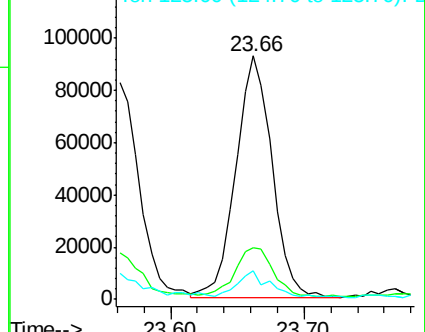


Abundance

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



#28

Indeno(1,2,3-cd)pyrene

Concen: 1.93 ng/ul

RT: 26.14 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM009275.D

Acq: 17 Mar 2017 15:49

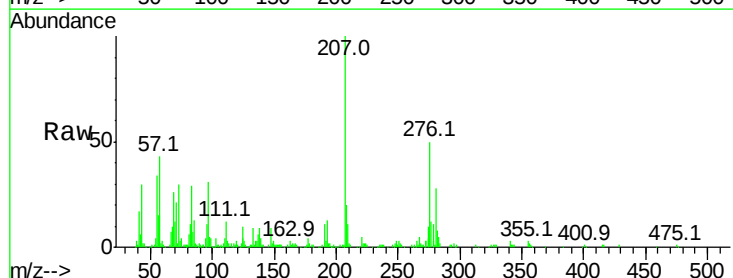
Tgt Ion:276 Resp: 161676

Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.8	26.6#
277	25.0	19.4	29.0

276 100

138 17.5 17.8 26.6#

277 25.0 19.4 29.0

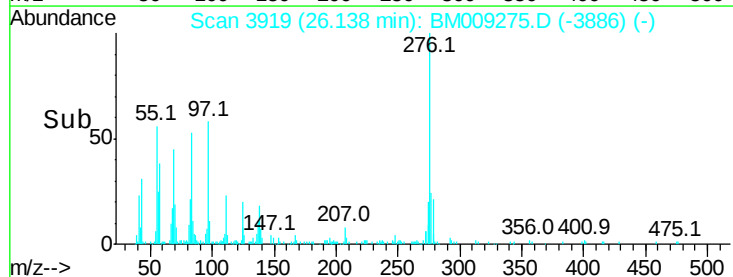
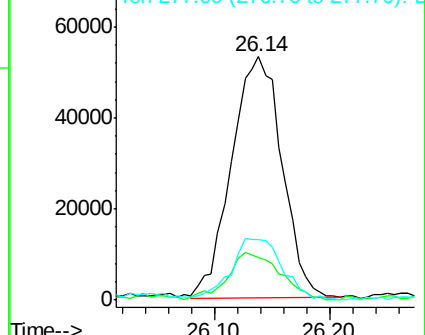


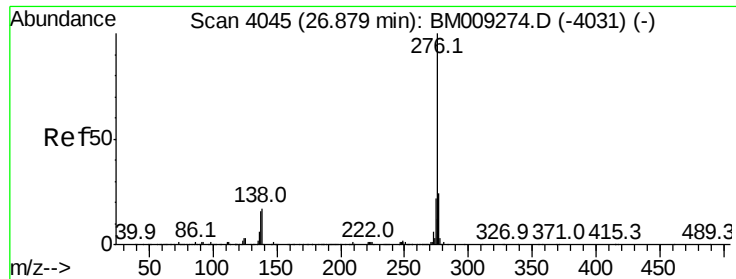
Abundance

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





#30

Benzo(a,h,i)perylene

Concen: 1.05 ng/ul

RT: 26.86 min Scan# 4042

Delta R.T. -0.02 min

Lab File: BM009275.D

Acq: 17 Mar 2017 15:49

Instrument :

BNA_M

ClientSampleId :

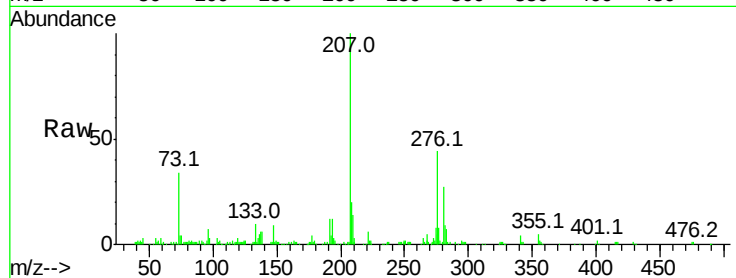
Tot Ion: 276 Resp: 73202

Ion Ratio Lower Upper

276 100

138 14.4 19.0 28.4#

277 19.2 19.7 29.5#



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

