

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083115\
 Data File : BM002632.D
 Acq On : 01 Sep 2015 17:19
 Operator : UM/IZ
 Sample : G3457-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EB5

Quant Time: Sep 01 17:50:42 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 07:11:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	123739	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	559157	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	271096	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	518337	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	409681	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	423286	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	621424	22.42	ng/ul	0.00
10) Fluorene-d10	16.34	176	406374	20.87	ng/ul	0.00
14) Anthracene-d10	18.17	188	534059	21.36	ng/ul	0.00
18) Pyrene-d10	20.40	212	349328	19.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	241100	10.84	ng/ul	0.00

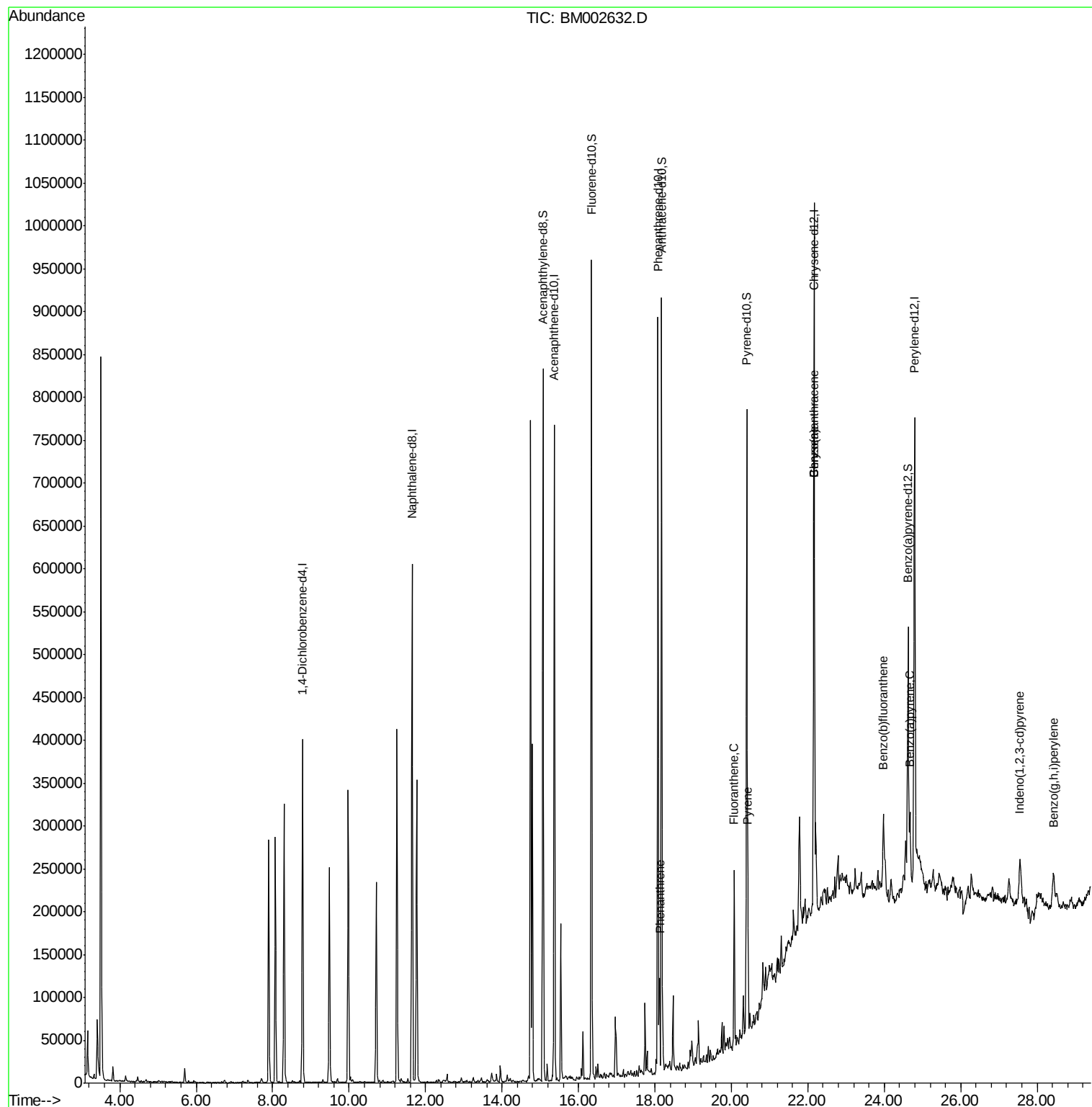
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	67017	2.24	ng/ul	99
16) Fluoranthene	20.07	202	119619	3.53	ng/ul	98
19) Pyrene	20.43	202	99784	4.16	ng/ul	99
20) Benzo(a)anthracene	22.14	228	57498	2.35	ng/ul	96
21) Chrysene	22.14	228	57145	2.49	ng/ul	95
23) Benzo(b)fluoranthene	23.98	252	86880	3.40	ng/ul#	91
26) Benzo(a)pyrene	24.67	252	57430	2.35	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.56	276	44425	1.58	ng/ul	97
29) Benzo(g,h,i)perylene	28.42	276	50277	2.15	ng/ul#	92

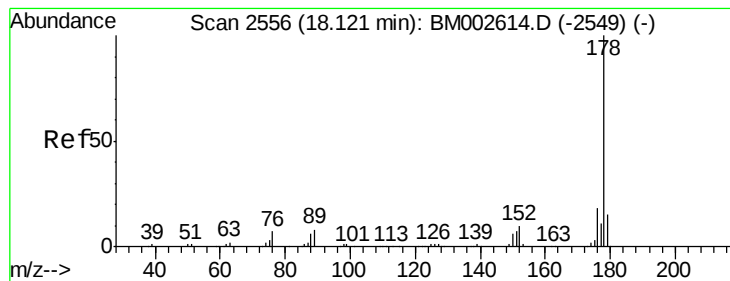
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.24 ng/ul

RT: 18.12 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BM002632.D

Acq: 01 Sep 2015 17:19

Instrument :

BNA_M

ClientSampleId :

D9EB5

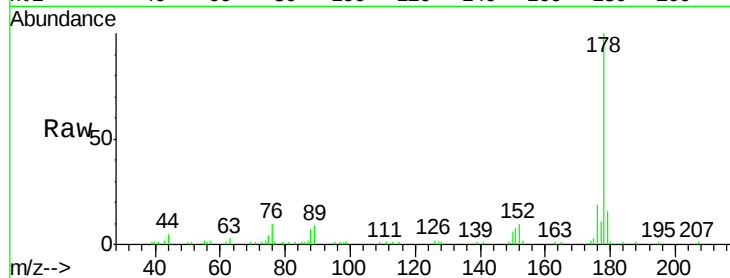
Tgt Ion:178 Resp: 67017

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

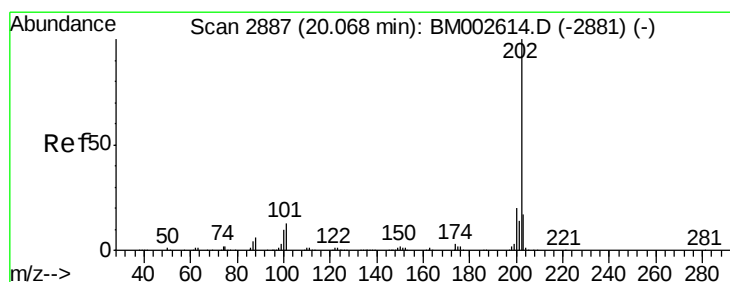
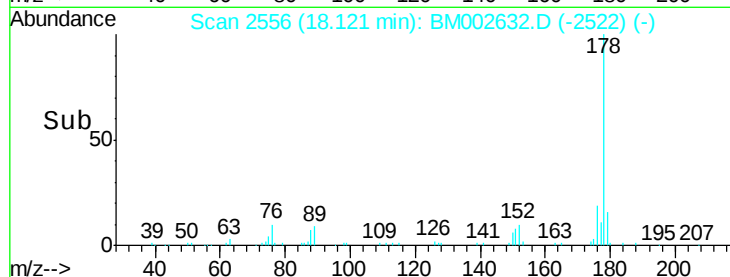
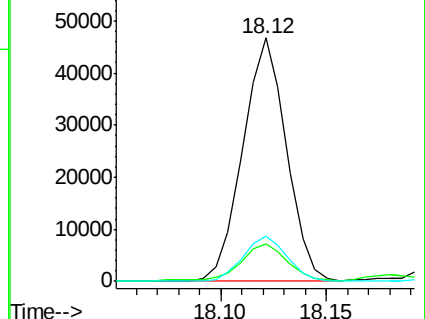
176 18.5 15.1 22.7



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



#16

Fluoranthene

Concen: 3.53 ng/ul

RT: 20.07 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BM002632.D

Acq: 01 Sep 2015 17:19

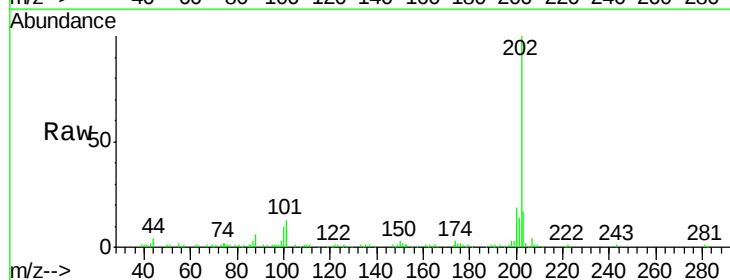
Tgt Ion:202 Resp: 119619

Ion Ratio Lower Upper

202 100

101 13.1 9.7 14.5

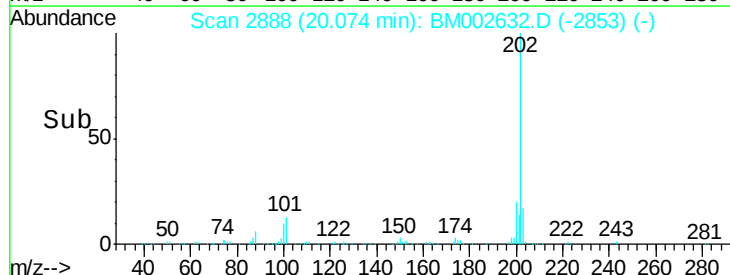
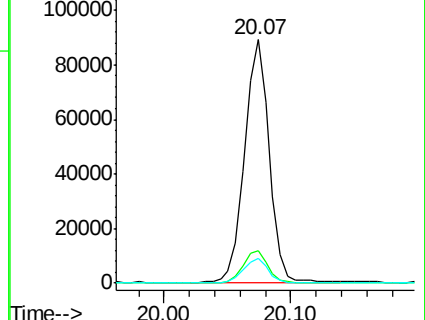
100 10.1 7.4 11.2

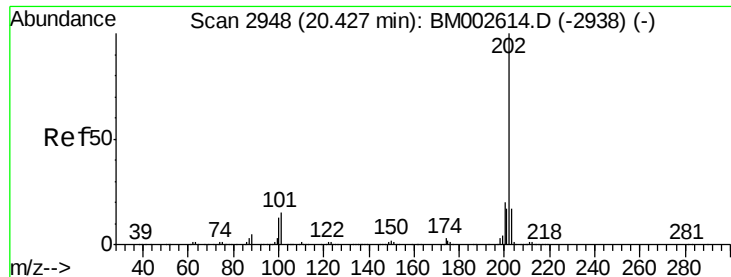


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 4.16 ng/ul

RT: 20.43 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BM002632.D

Acq: 01 Sep 2015 17:19

Instrument :

BNA_M

ClientSampleId :

D9EB5

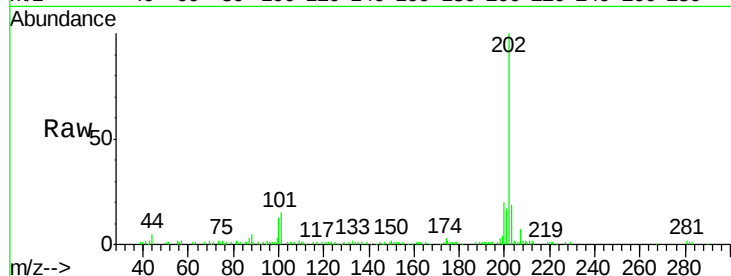
Tgt Ion:202 Resp: 99784

Ion Ratio Lower Upper

202 100

101 15.3 12.0 18.0

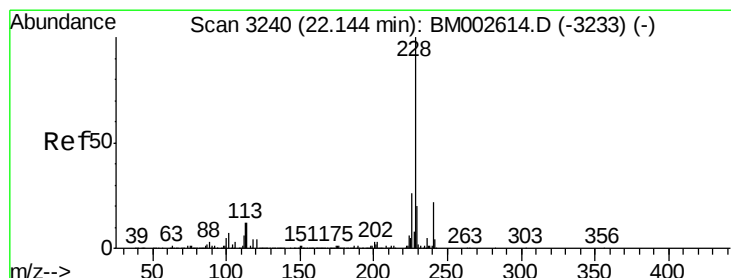
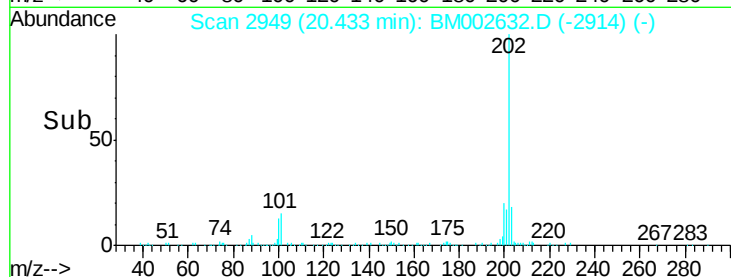
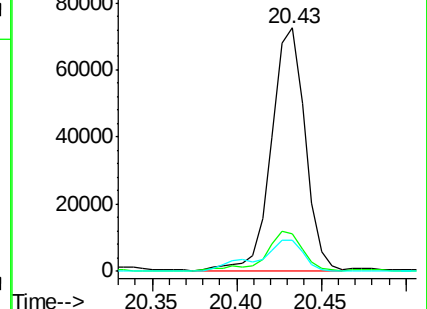
100 12.6 9.7 14.5



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

Benzo(a)anthracene

Concen: 2.35 ng/ul

RT: 22.14 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BM002632.D

Acq: 01 Sep 2015 17:19

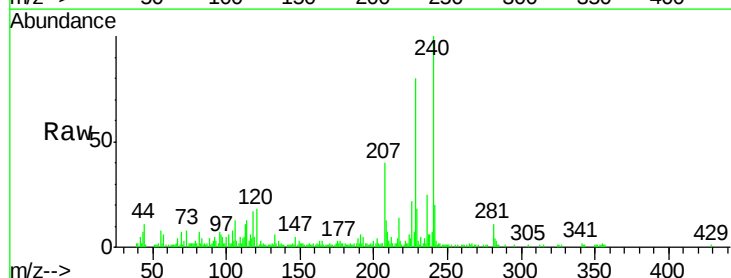
Tgt Ion:228 Resp: 57498

Ion Ratio Lower Upper

228 100

229 22.7 15.8 23.6

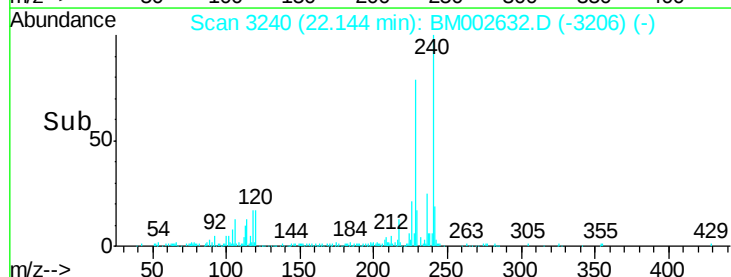
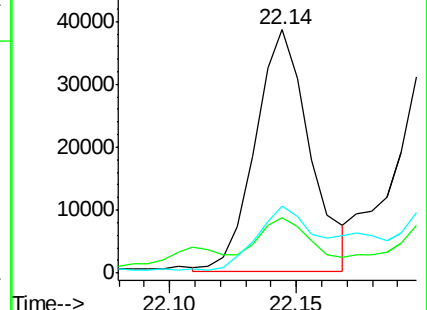
226 27.6 21.1 31.7

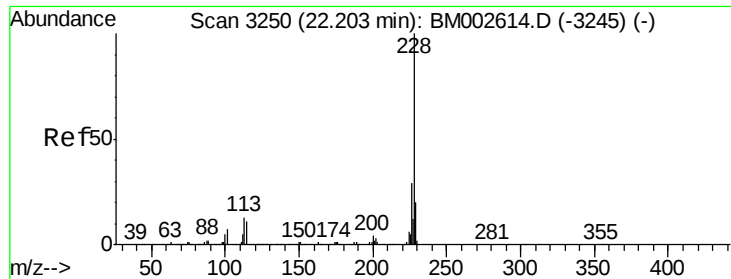


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

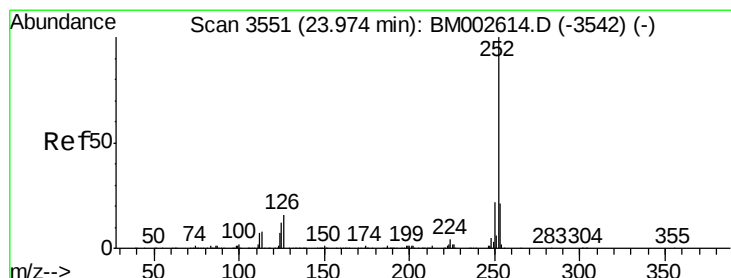
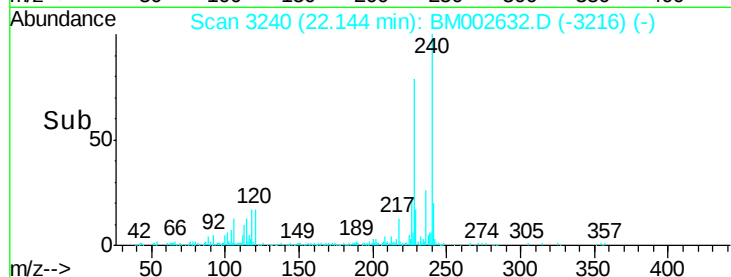
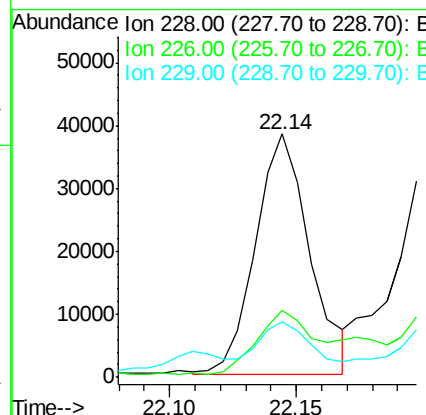
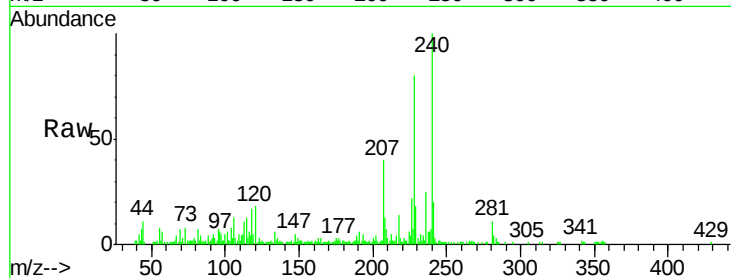




#21
Chrysene
Concen: 2.49 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. -0.06 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

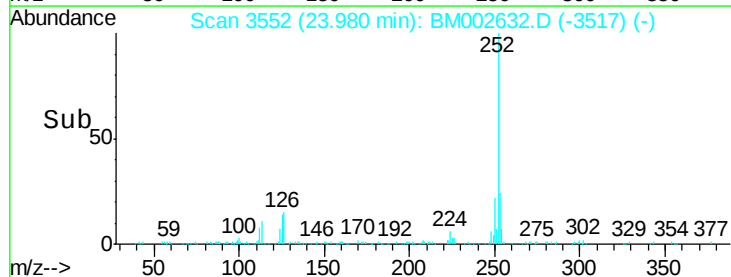
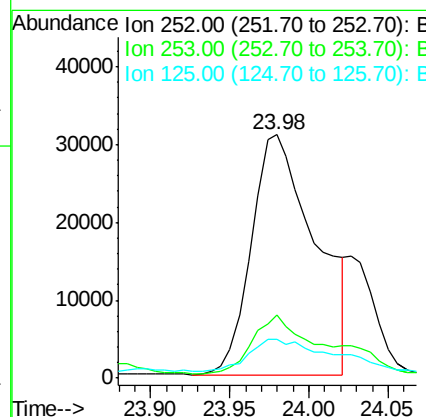
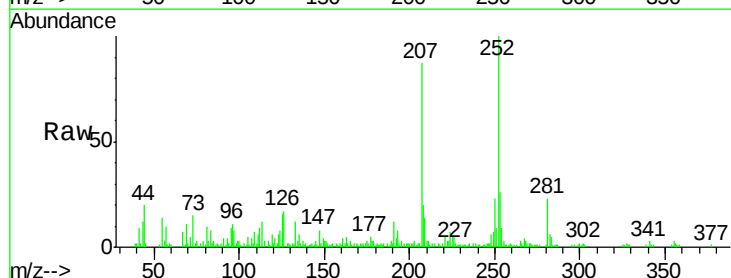
Instrument :
BNA_M
ClientSampleId :
D9EB5

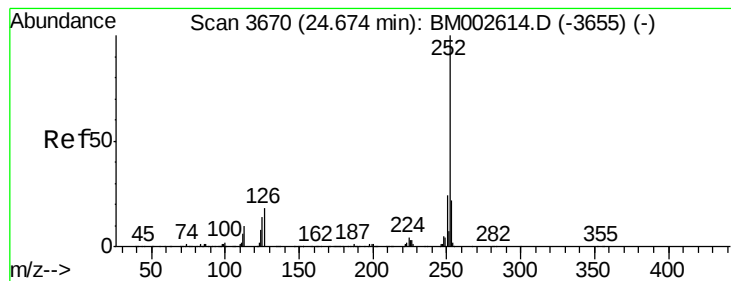
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.2
229	22.7	15.7	23.5



#23
Benzo(b)fluoranthene
Concen: 3.40 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.0
125	15.8	10.0	15.0#





#26

Benzo(a)pyrene

Concen: 2.35 ng/ul

RT: 24.67 min Scan# 3670

Delta R.T. 0.00 min

Lab File: BM002632.D

Acq: 01 Sep 2015 17:19

Instrument :

BNA_M

ClientSampleId :

D9EB5

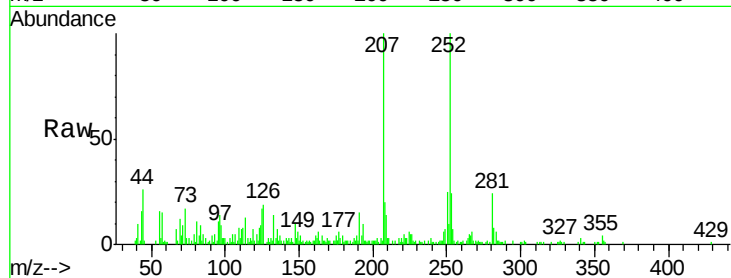
Tgt Ion:252 Resp: 57430

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

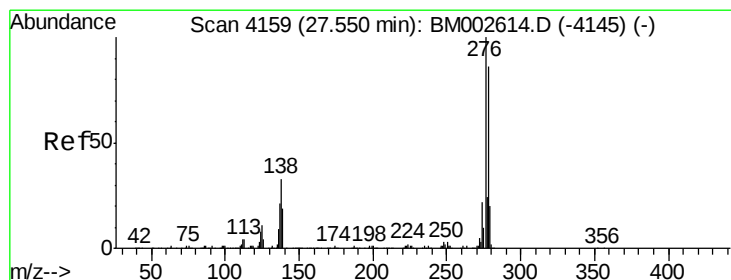
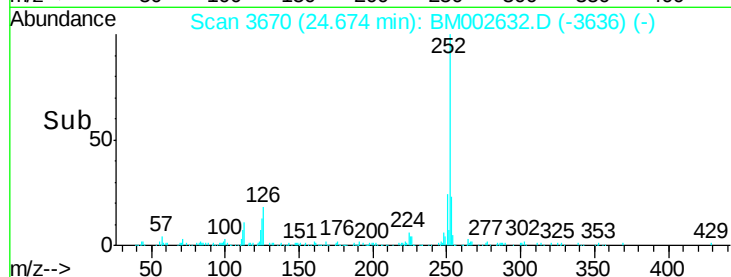
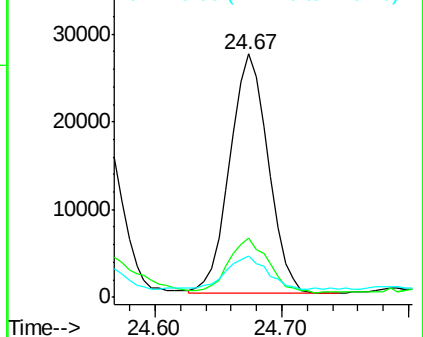
125 16.8 10.7 16.1#



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

Indeno(1,2,3-cd)pyrene

Concen: 1.58 ng/ul

RT: 27.56 min Scan# 4160

Delta R.T. 0.01 min

Lab File: BM002632.D

Acq: 01 Sep 2015 17:19

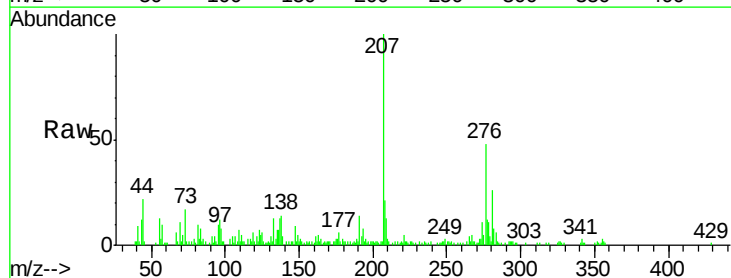
Tgt Ion:276 Resp: 44425

Ion Ratio Lower Upper

276 100

138 28.9 25.3 37.9

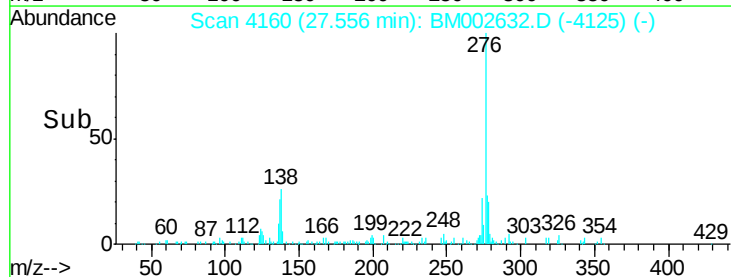
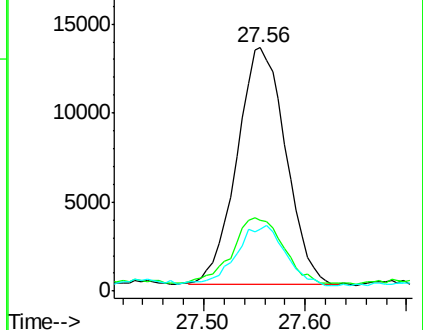
277 25.2 20.2 30.2

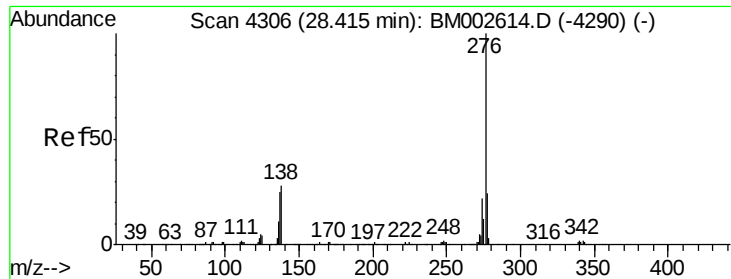


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(g,h,i)perylene

Concen: 2.15 ng/ul

RT: 28.42 min Scan# 4307

Delta R.T. 0.01 min

Lab File: BM002632.D

Acq: 01 Sep 2015 17:19

Instrument :

BNA_M

ClientSampleId :

D9EB5

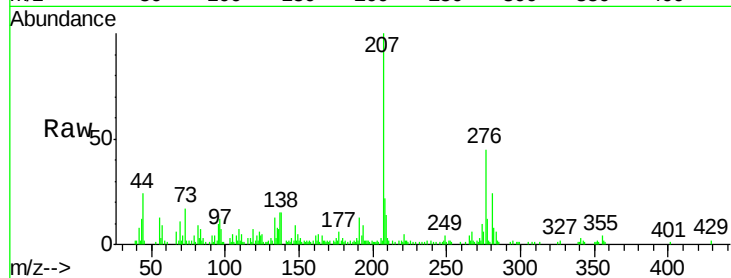
Tgt Ion: 276 Resp: 50277

Ion Ratio Lower Upper

276 100

138 32.2 21.0 31.6#

277 26.6 19.2 28.8



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

