

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002405.D
 Acq On : 15 Aug 2015 03:06
 Operator : UM/IZ
 Sample : G3219-04DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D97DL

Quant Time: Aug 17 02:06:09 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 02:04:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	122749	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	612152	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	351418	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	747645	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	793474	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	746607	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	111150	3.09	ng/ul	0.00
10) Fluorene-d10	16.42	176	77472	3.07	ng/ul	0.00
14) Anthracene-d10	18.24	188	104025	2.88	ng/ul	0.00
18) Pyrene-d10	20.46	212	97799	2.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.70	264	66069	1.68	ng/ul	0.00

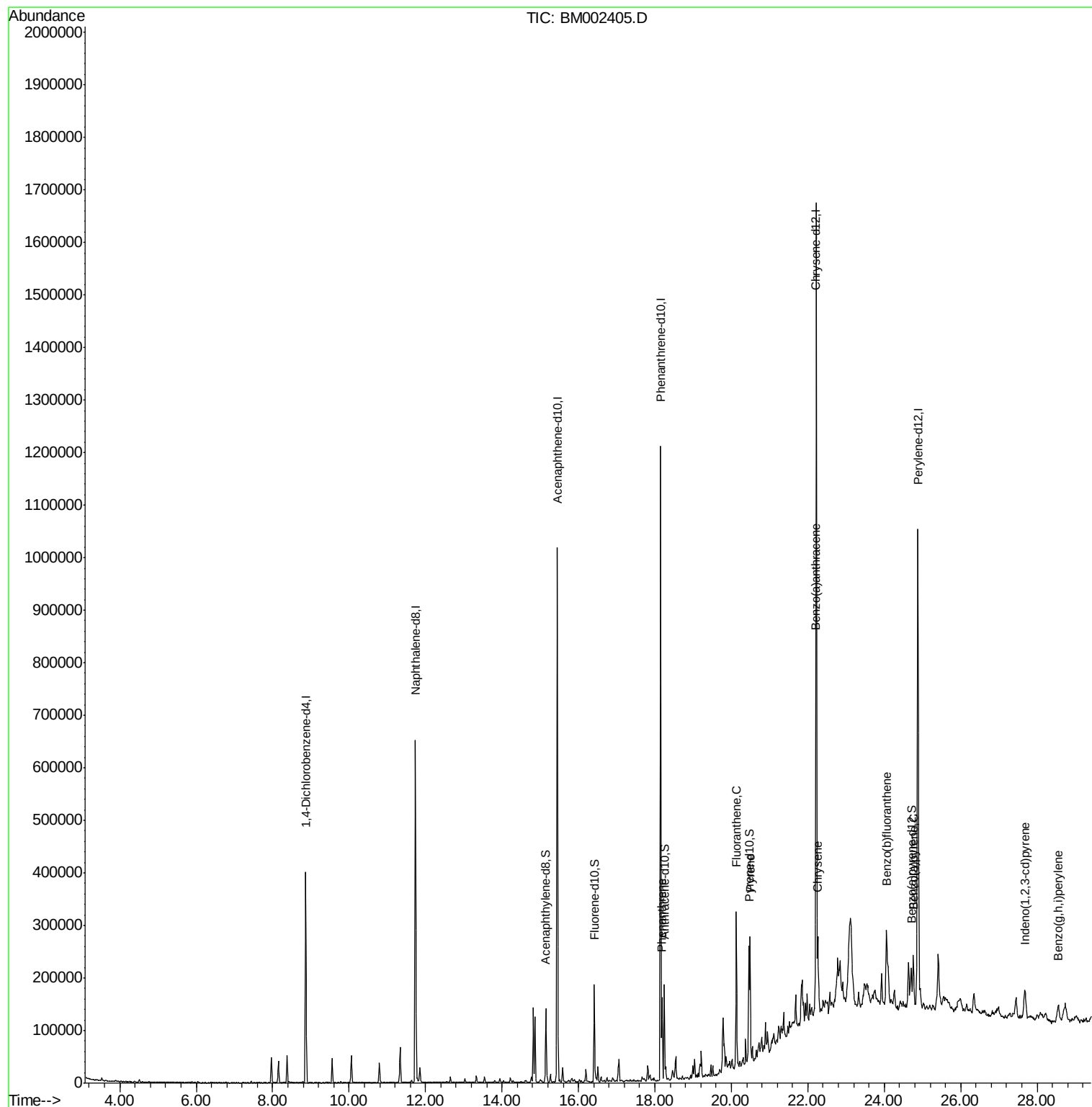
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	18.19	178	99022	2.29	ng/ul	98
16) Fluoranthene	20.13	202	177690	3.64	ng/ul	99
19) Pyrene	20.49	202	136223	2.93	ng/ul	98
20) Benzo(a)anthracene	22.20	228	91275	1.92	ng/ul	98
21) Chrysene	22.26	228	92214	2.08	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	124210	2.75	ng/ul	97
26) Benzo(a)pyrene	24.76	252	75829	1.76	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	27.68	276	51234	1.03	ng/ul	93
29) Benzo(g,h,i)perylene	28.55	276	43935	1.06	ng/ul	98

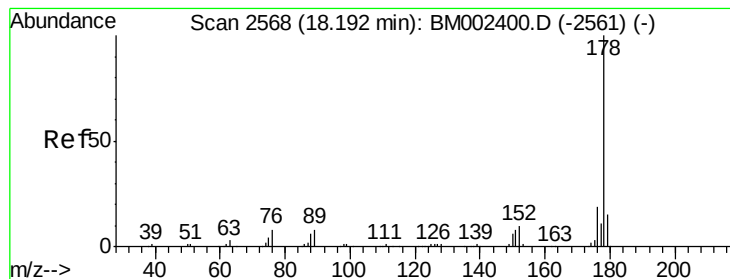
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.29 ng/ul

RT: 18.19 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BM002405.D

Acq: 15 Aug 2015 03:06

Instrument :

BNA_M

ClientSampleId :

D9D97DL

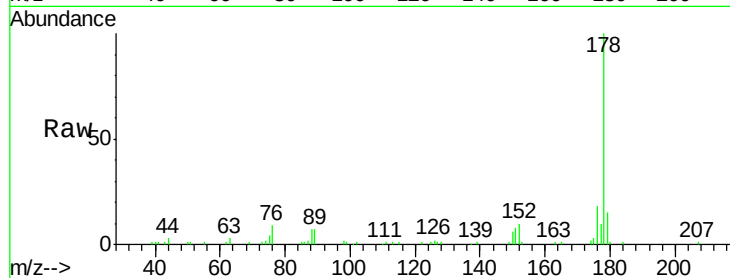
Tot Ion:178 Resp: 99022

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

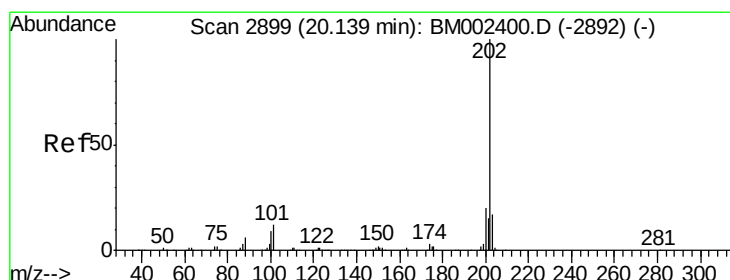
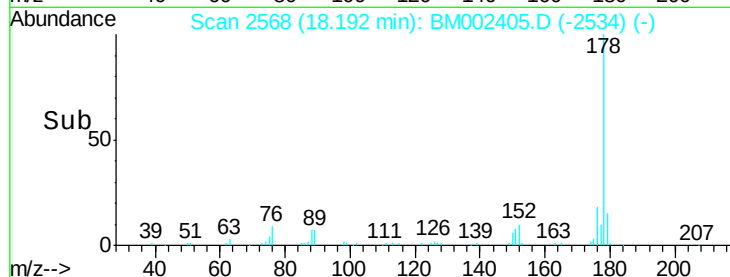
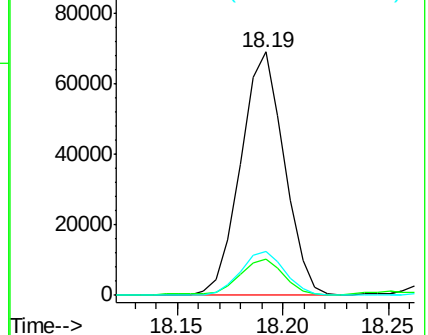
176 18.3 15.1 22.7



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: 3.64 ng/ul

RT: 20.13 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BM002405.D

Acq: 15 Aug 2015 03:06

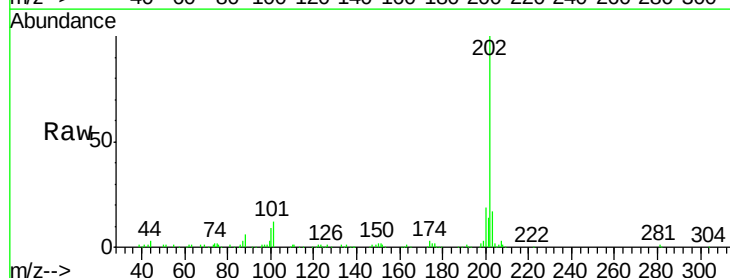
Tgt Ion:202 Resp: 177690

Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

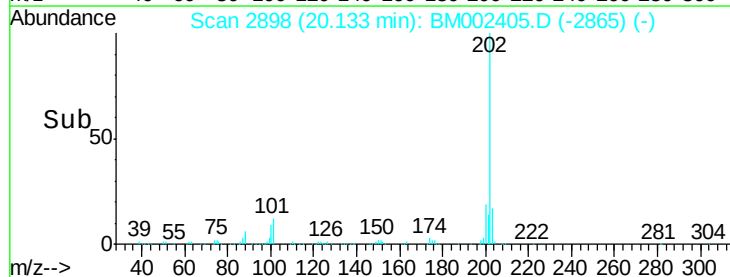
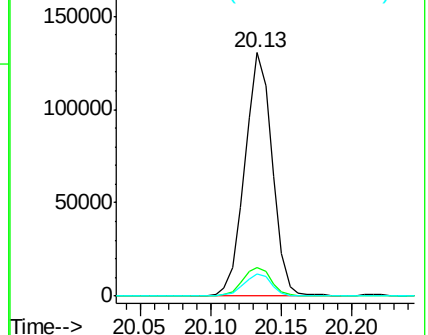
100 9.1 7.4 11.2

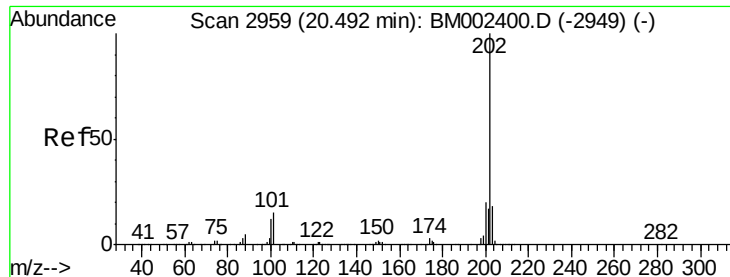


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 2.93 ng/ul

RT: 20.49 min Scan# 2959

Delta R.T. -0.00 min

Lab File: BM002405.D

Acq: 15 Aug 2015 03:06

Instrument :

BNA_M

ClientSampled :

D9D97DL

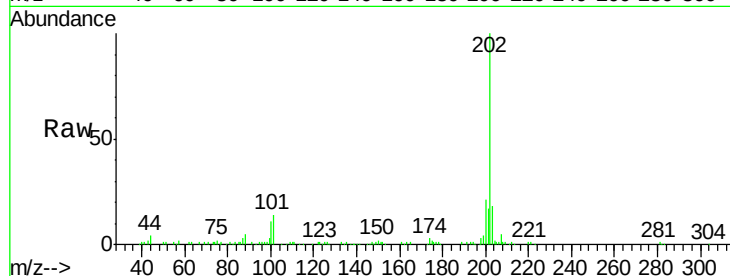
Tot Ion:202 Resp: 136223

Ion Ratio Lower Upper

202 100

101 14.4 12.0 18.0

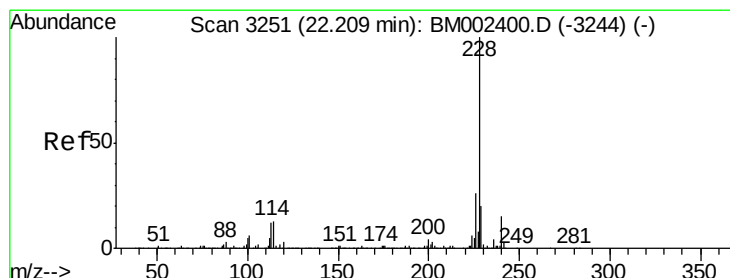
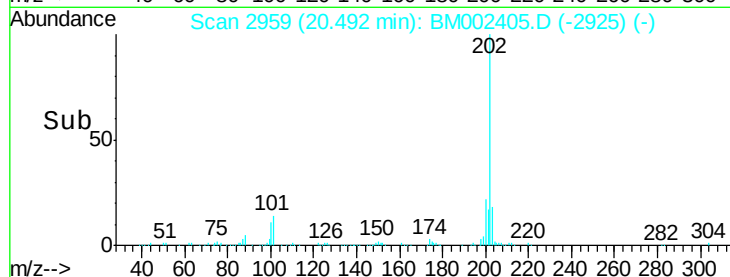
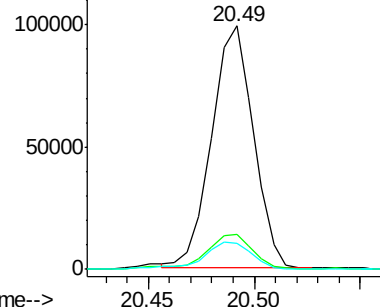
100 10.8 9.7 14.5



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: 1.92 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BM002405.D

Acq: 15 Aug 2015 03:06

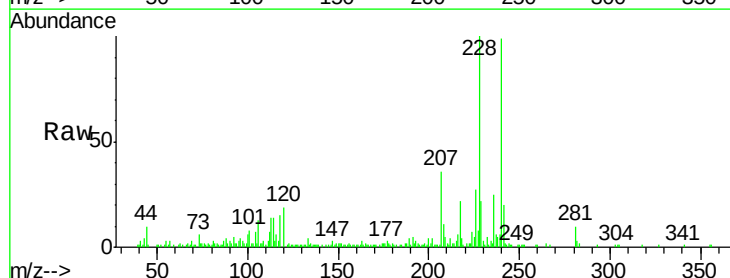
Tgt Ion:228 Resp: 91275

Ion Ratio Lower Upper

228 100

229 21.6 15.8 23.6

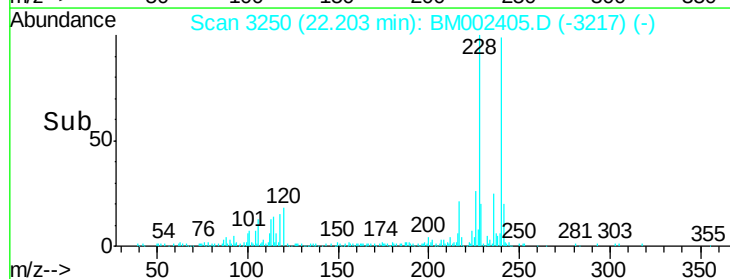
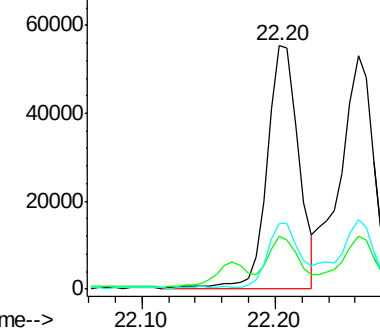
226 27.0 21.1 31.7

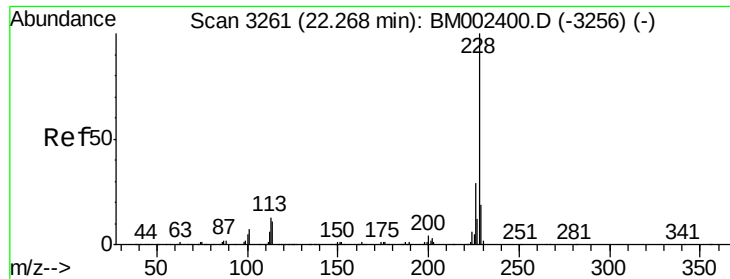


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.08 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM002405.D

Acq: 15 Aug 2015 03:06

Instrument :

BNA_M

ClientSampleId :

D9D97DL

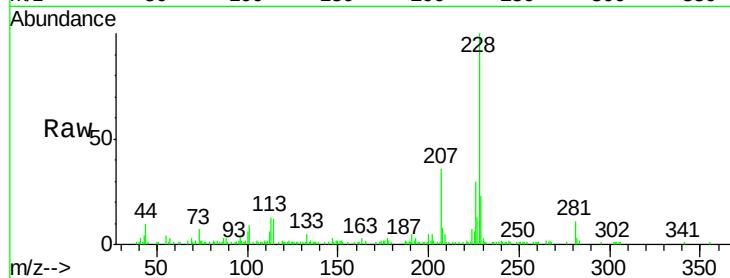
Tot Ion:228 Resp: 92214

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

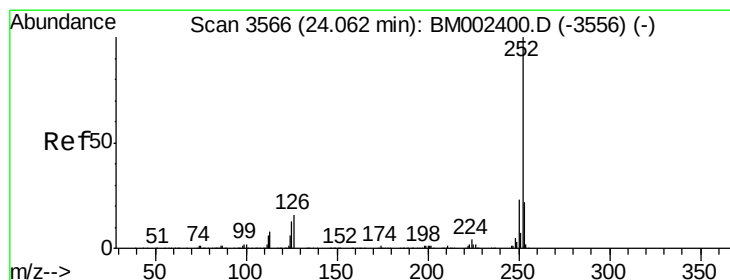
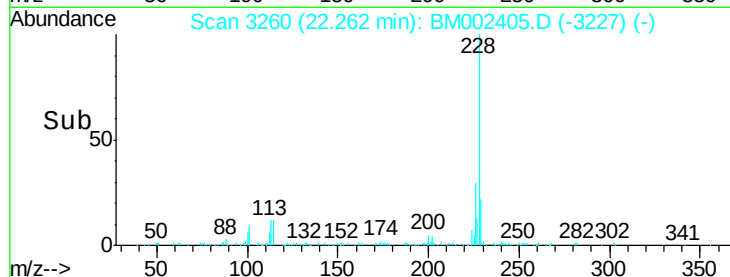
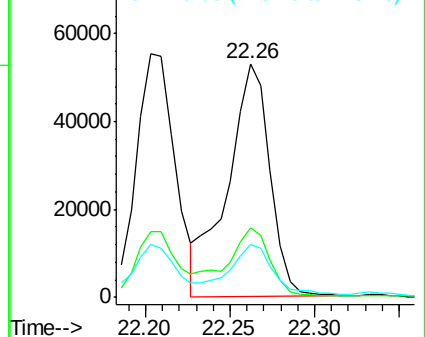
229 22.9 15.7 23.5



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



#23

Benzo(b)fluoranthene

Concen: 2.75 ng/ul

RT: 24.06 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BM002405.D

Acq: 15 Aug 2015 03:06

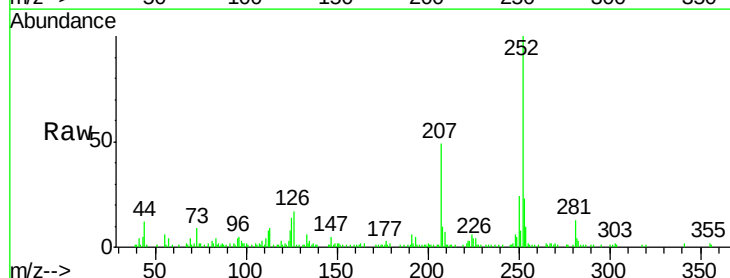
Tgt Ion:252 Resp: 124210

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

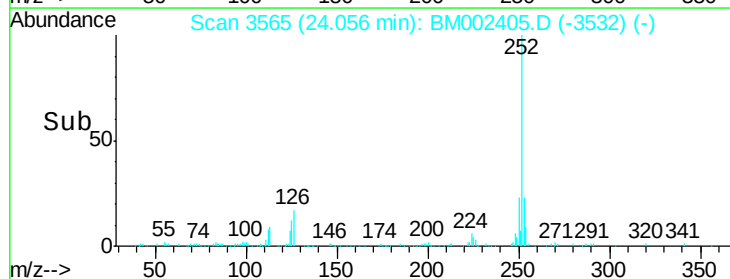
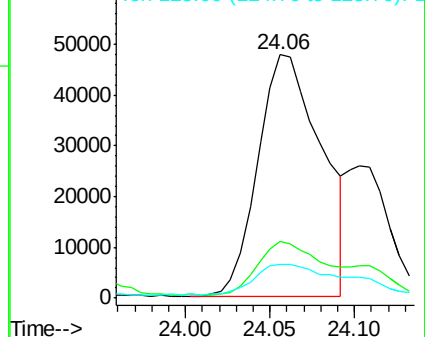
125 13.8 10.0 15.0

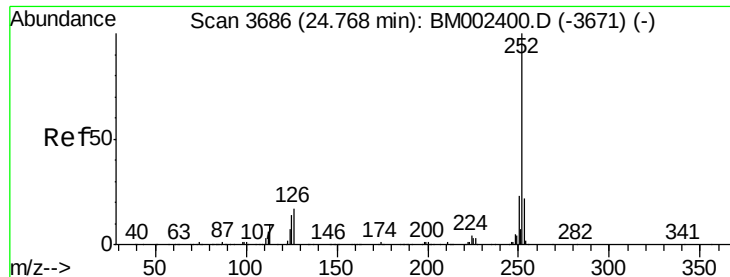


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

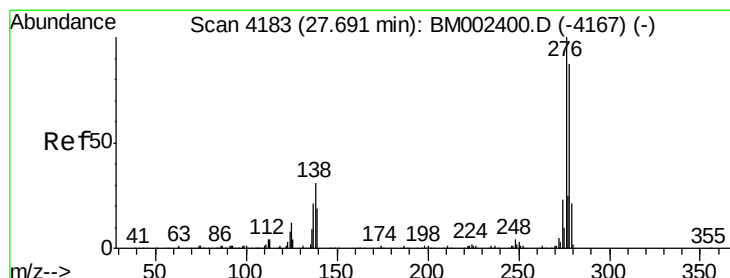
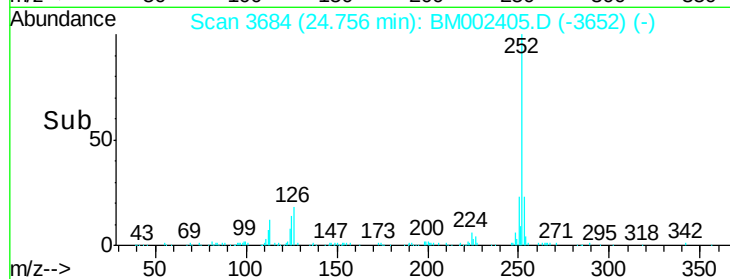
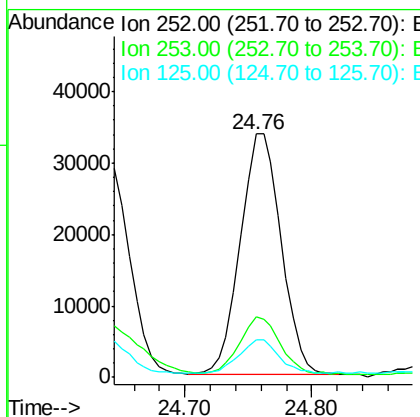
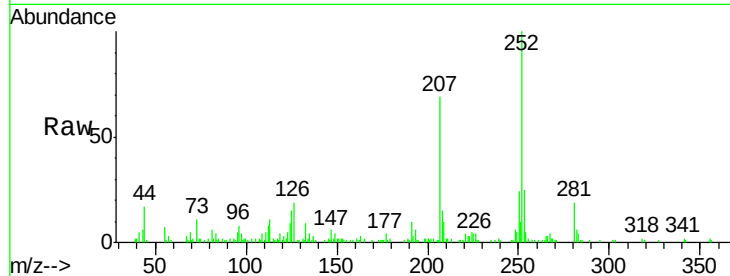




#26
Benzo(a)pyrene
Concen: 1.76 ng/ul
RT: 24.76 min Scan# 3684
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

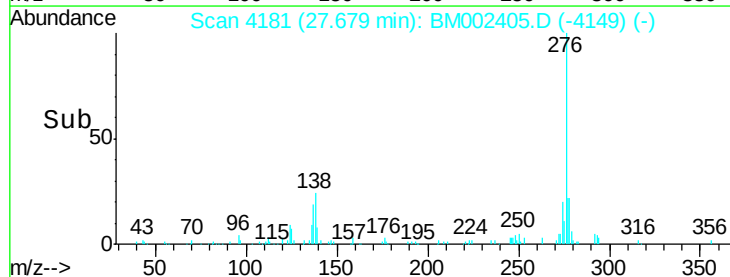
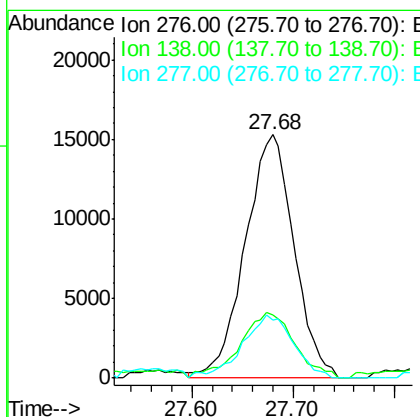
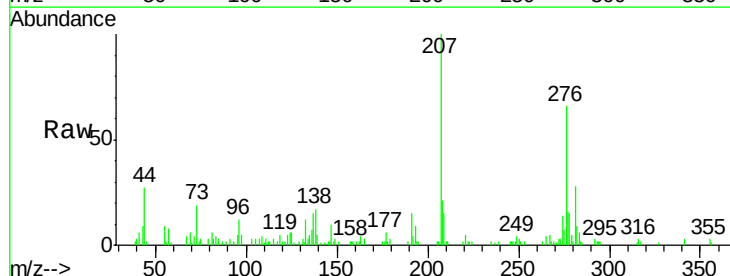
Instrument :
BNA_M
ClientSampleId :
D9D97DL

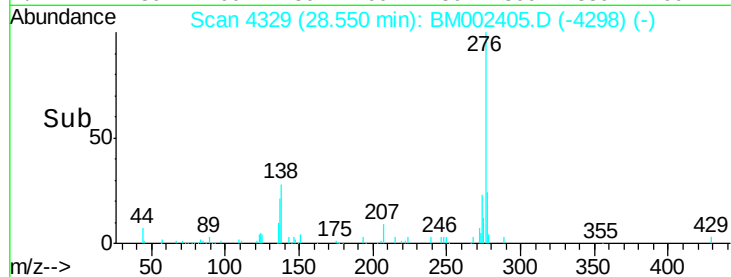
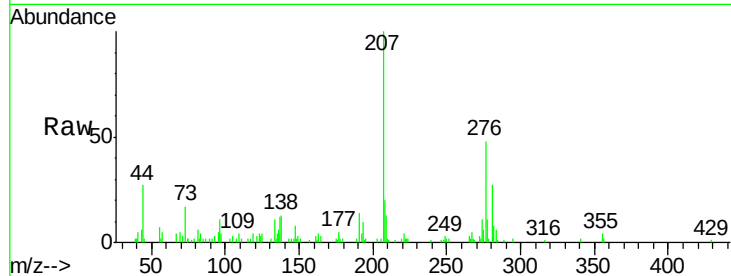
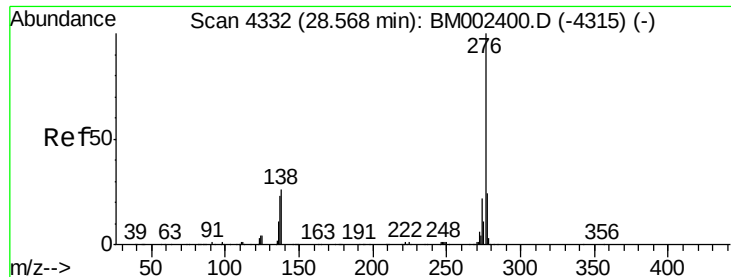
Tot Ion:252 Resp: 75829
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 15.3 10.7 16.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.03 ng/ul
RT: 27.68 min Scan# 4181
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:276 Resp: 51234
Ion Ratio Lower Upper
276 100
138 25.7 25.3 37.9
277 23.7 20.2 30.2





#29

Benzo(a,h,i)perylene

Concen: 1.06 ng/ul

RT: 28.55 min Scan# 4329

Delta R.T. -0.02 min

Lab File: BM002405.D

Acq: 15 Aug 2015 03:06

Instrument :

BNA_M

ClientSampleId :

D9D97DL

Tot Ion:276 Resp: 43935

Ion Ratio Lower Upper

276 100

138 28.2 21.0 31.6

277 24.0 19.2 28.8

