

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
 Data File : BM002467.D
 Acq On : 18 Aug 2015 00:51
 Operator : UM/IZ
 Sample : G3227-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 18 03:07:24 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 03:02:54 2015
 Response via : Initial Calibration

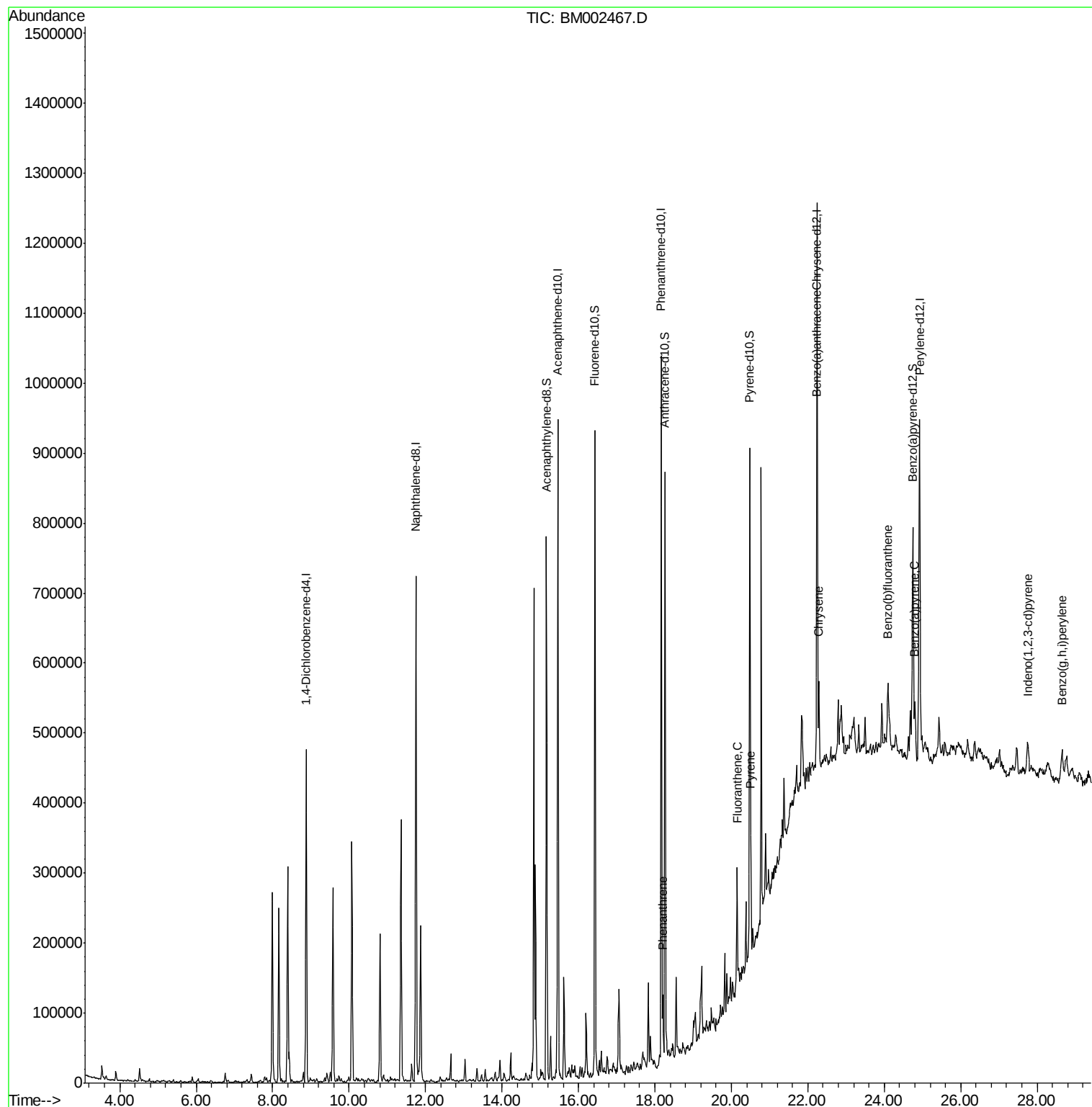
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	143816	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	653693	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	333323	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	607749	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	413418	20.00	ng/ul	0.00
22) Perylene-d12	24.92	264	405480	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	584206	17.14	ng/ul	0.00
10) Fluorene-d10	16.43	176	383514	16.02	ng/ul	0.00
14) Anthracene-d10	18.26	188	495336	16.90	ng/ul	0.00
18) Pyrene-d10	20.48	212	372011	20.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.75	264	260590	12.23	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	18.21	178	58231	1.66	ng/ul	98
16) Fluoranthene	20.15	202	105355	2.65	ng/ul	97
19) Pyrene	20.51	202	94295	3.89	ng/ul	99
20) Benzo(a)anthracene	22.23	228	55873	2.26	ng/ul#	93
21) Chrysene	22.29	228	59042	2.55	ng/ul#	91
23) Benzo(b)fluoranthene	24.09	252	86151	3.51	ng/ul#	90
26) Benzo(a)pyrene	24.80	252	57487	2.46	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	27.76	276	44576	1.66	ng/ul	96
29) Benzo(g,h,i)perylene	28.64	276	62650	2.80	ng/ul#	92

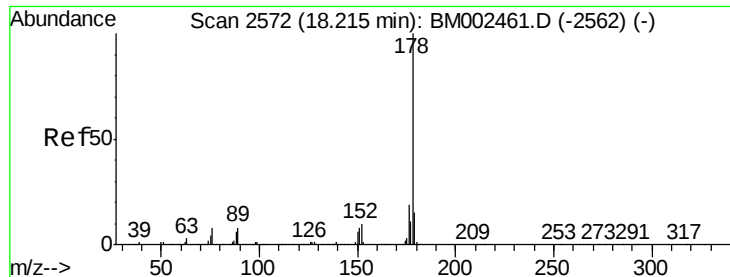
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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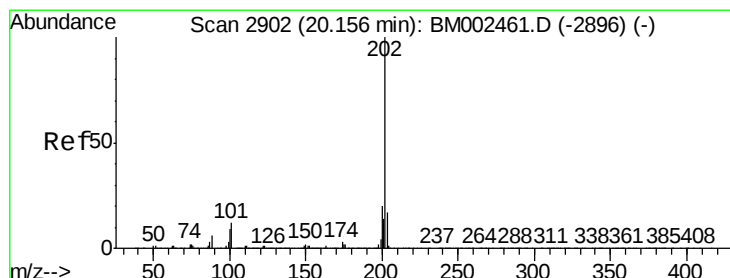
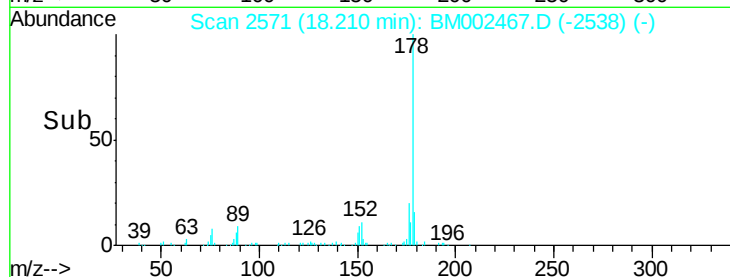
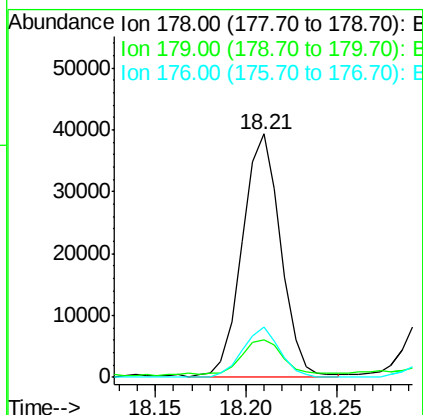
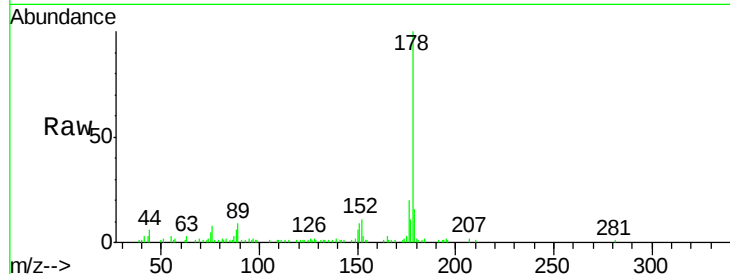




#13
Phenanthrene
Concen: 1.66 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

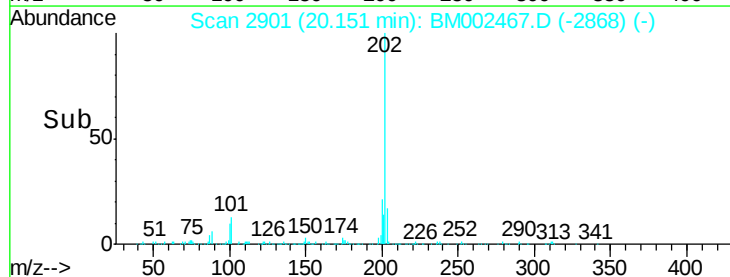
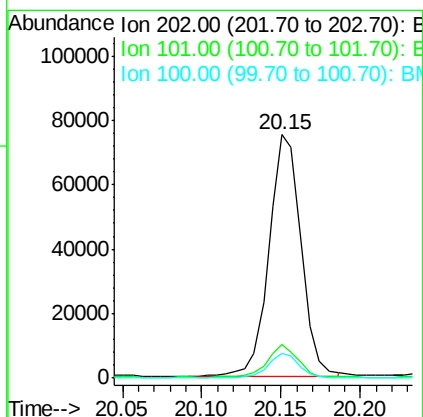
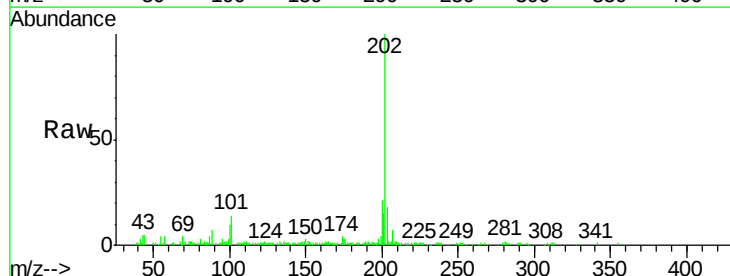
Instrument :
BNA_M
ClientSampleId :

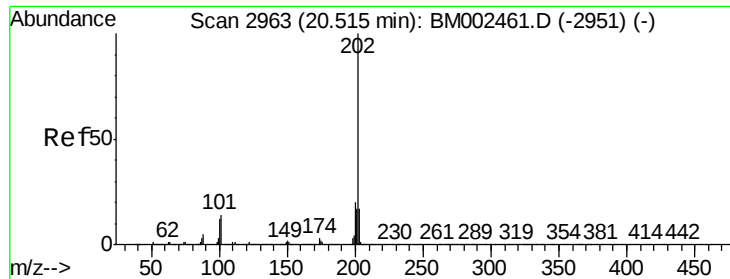
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	20.4	15.1	22.7



#16
Fluoranthene
Concen: 2.65 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. -0.01 min
Lab File: BM002467.D
Acq: 18 Aug 2015 00:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	10.1	7.4	11.2





#19

Pvrene

Concen: 3.89 ng/ul

RT: 20.51 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BM002467.D

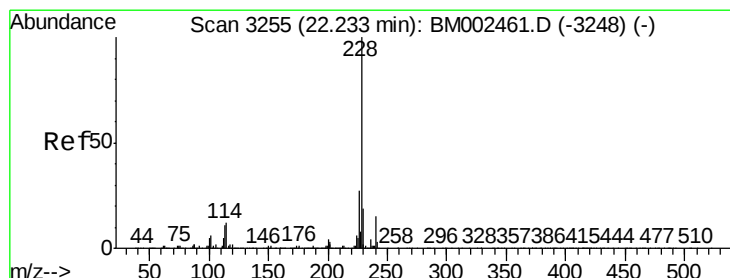
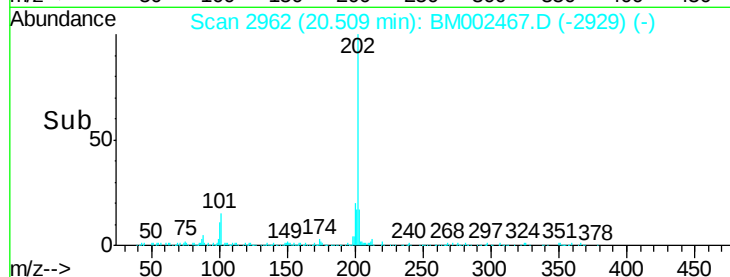
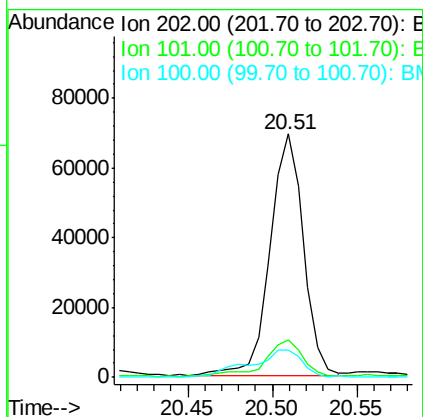
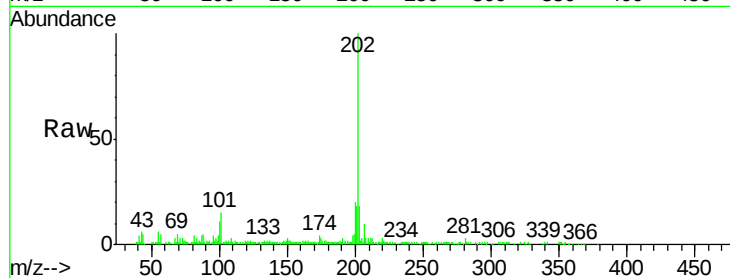
Acq: 18 Aug 2015 00:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	94295
Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	11.4	9.7	14.5



#20

Benzo(a)anthracene

Concen: 2.26 ng/ul

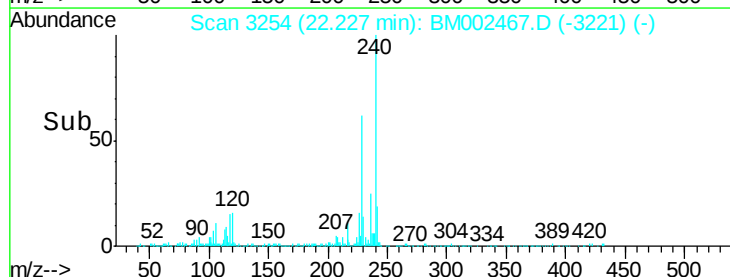
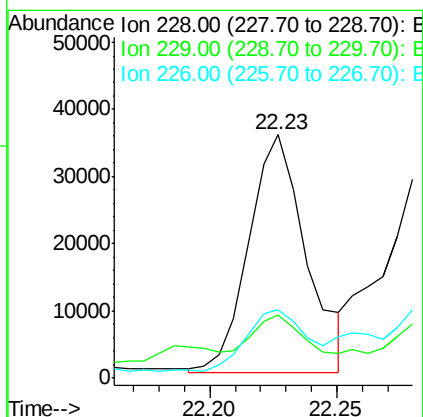
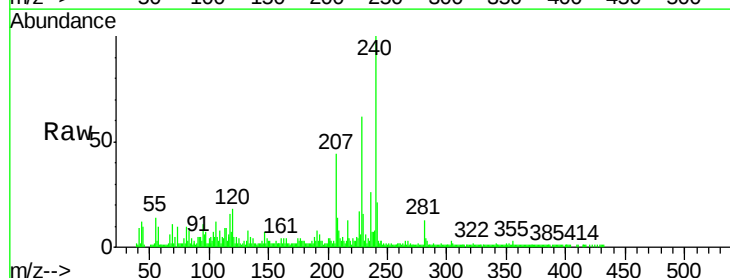
RT: 22.23 min Scan# 3254

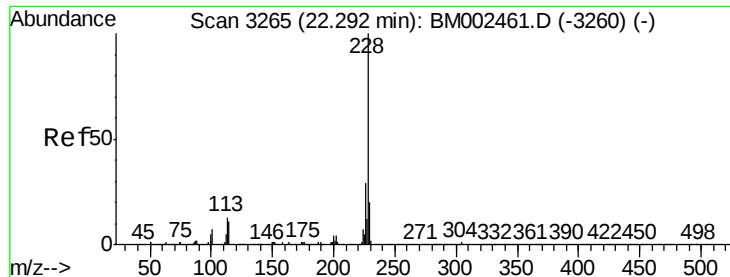
Delta R.T. -0.01 min

Lab File: BM002467.D

Acq: 18 Aug 2015 00:51

Tgt Ion:	228	Resp:	55873
Ion	Ratio	Lower	Upper
228	100		
229	25.8	15.8	23.6#
226	27.9	21.1	31.7





#21

Chrysene

Concen: 2.55 ng/ul

RT: 22.29 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM002467.D

Acq: 18 Aug 2015 00:51

Instrument :

BNA_M

ClientSampleId :

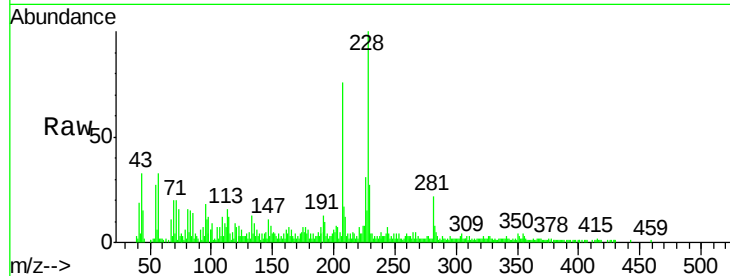
Tot Ion:228 Resp: 59042

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

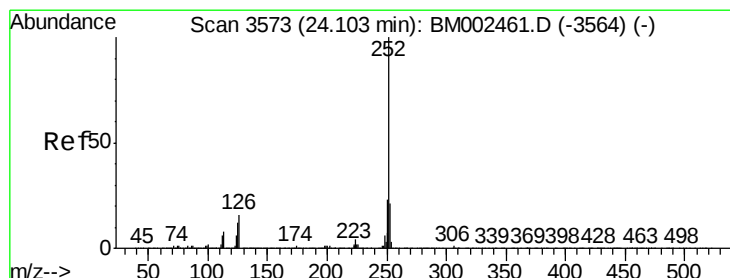
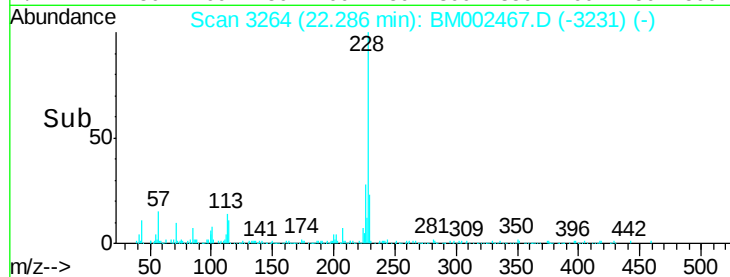
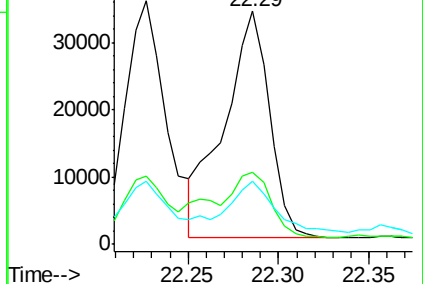
229 27.3 15.7 23.5#



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: 3.51 ng/ul

RT: 24.09 min Scan# 3571

Delta R.T. -0.01 min

Lab File: BM002467.D

Acq: 18 Aug 2015 00:51

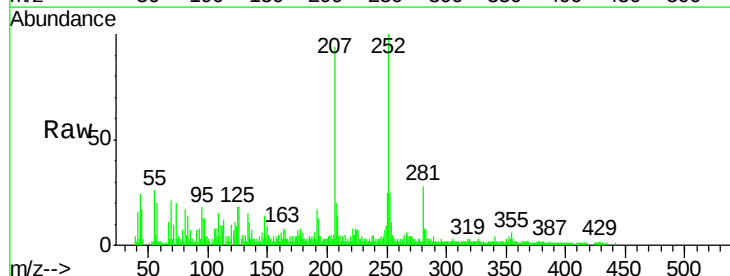
Tgt Ion:252 Resp: 86151

Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.0

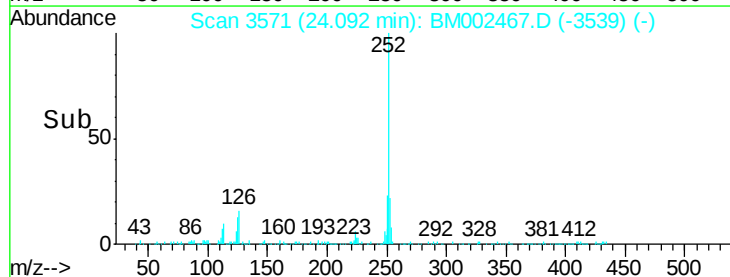
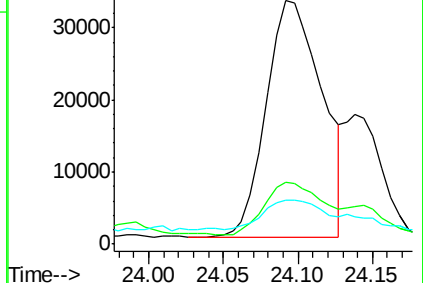
125 18.2 10.0 15.0#

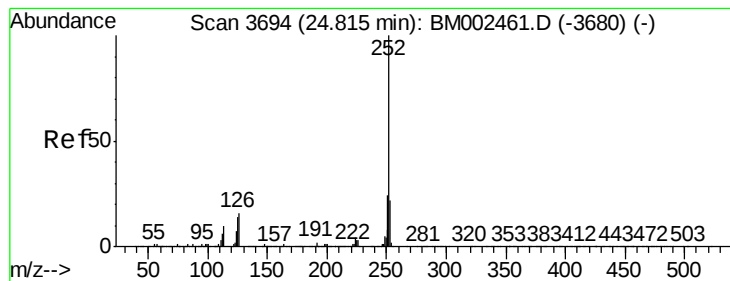


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 2.46 ng/ul

RT: 24.80 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BM002467.D

Acq: 18 Aug 2015 00:51

Instrument :

BNA_M

ClientSampleId :

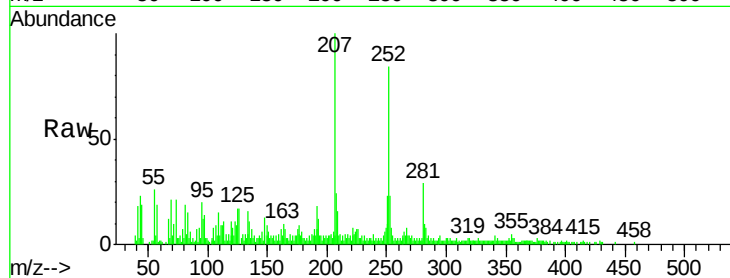
Tot Ion:252 Resp: 57487

Ion Ratio Lower Upper

252 100

253 27.5 17.6 26.4#

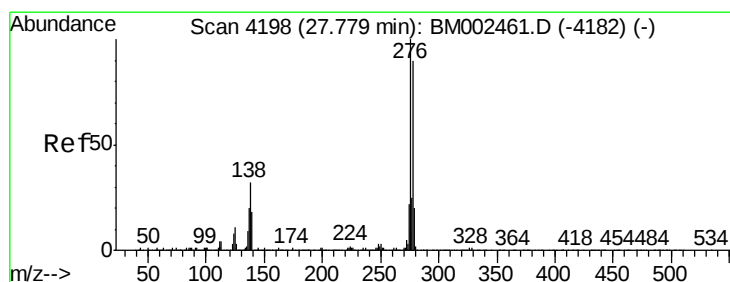
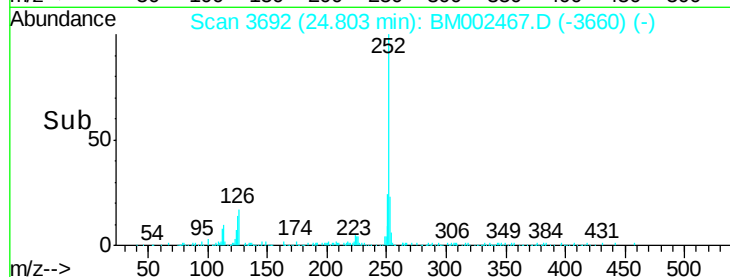
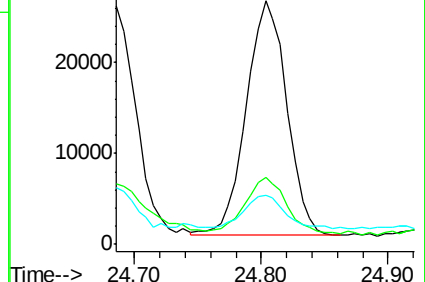
125 20.3 10.7 16.1#



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: 1.66 ng/ul

RT: 27.76 min Scan# 4195

Delta R.T. -0.02 min

Lab File: BM002467.D

Acq: 18 Aug 2015 00:51

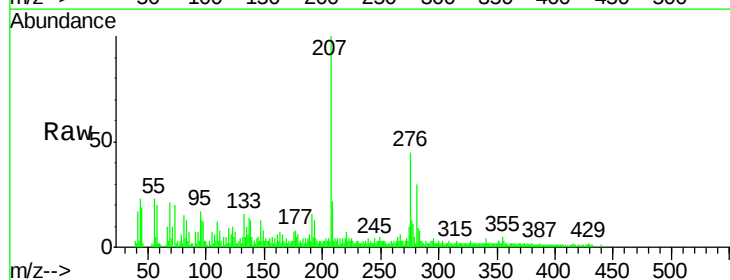
Tgt Ion:276 Resp: 44576

Ion Ratio Lower Upper

276 100

138 29.9 25.3 37.9

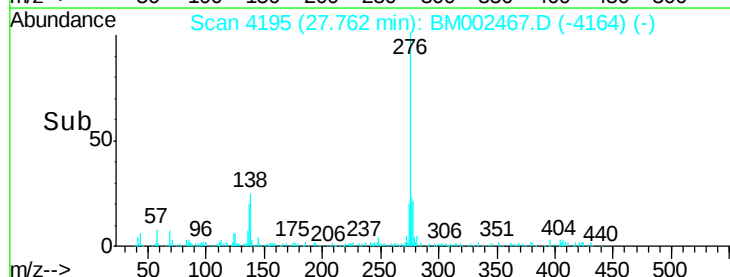
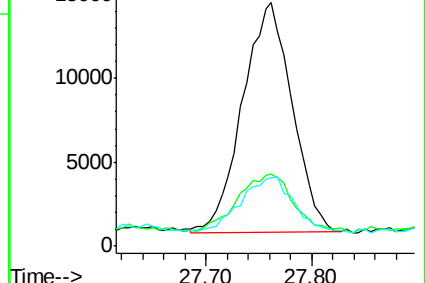
277 28.2 20.2 30.2

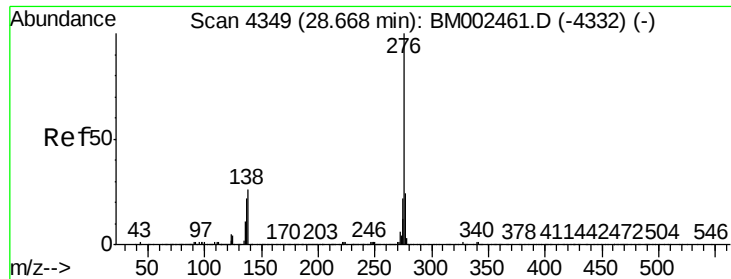


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 2.80 ng/ul

RT: 28.64 min Scan# 4345

Delta R.T. -0.02 min

Lab File: BM002467.D

Acq: 18 Aug 2015 00:51

Instrument :

BNA_M

ClientSampleId :

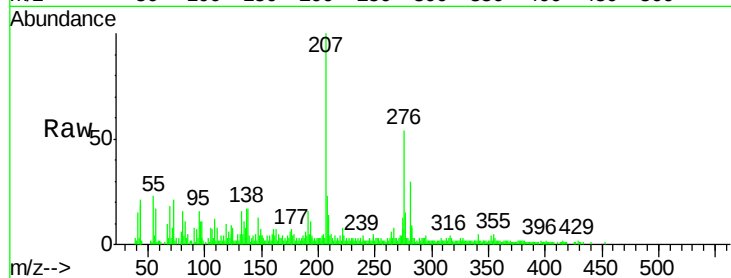
Tot Ion: 276 Resp: 62650

Ion Ratio Lower Upper

276 100

138 31.6 21.0 31.6#

277 27.0 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

