

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009575.D
 Acq On : 06 Apr 2017 01:33
 Operator : SJ/MA
 Sample : I2524-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB328

Quant Time: Apr 06 03:50:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

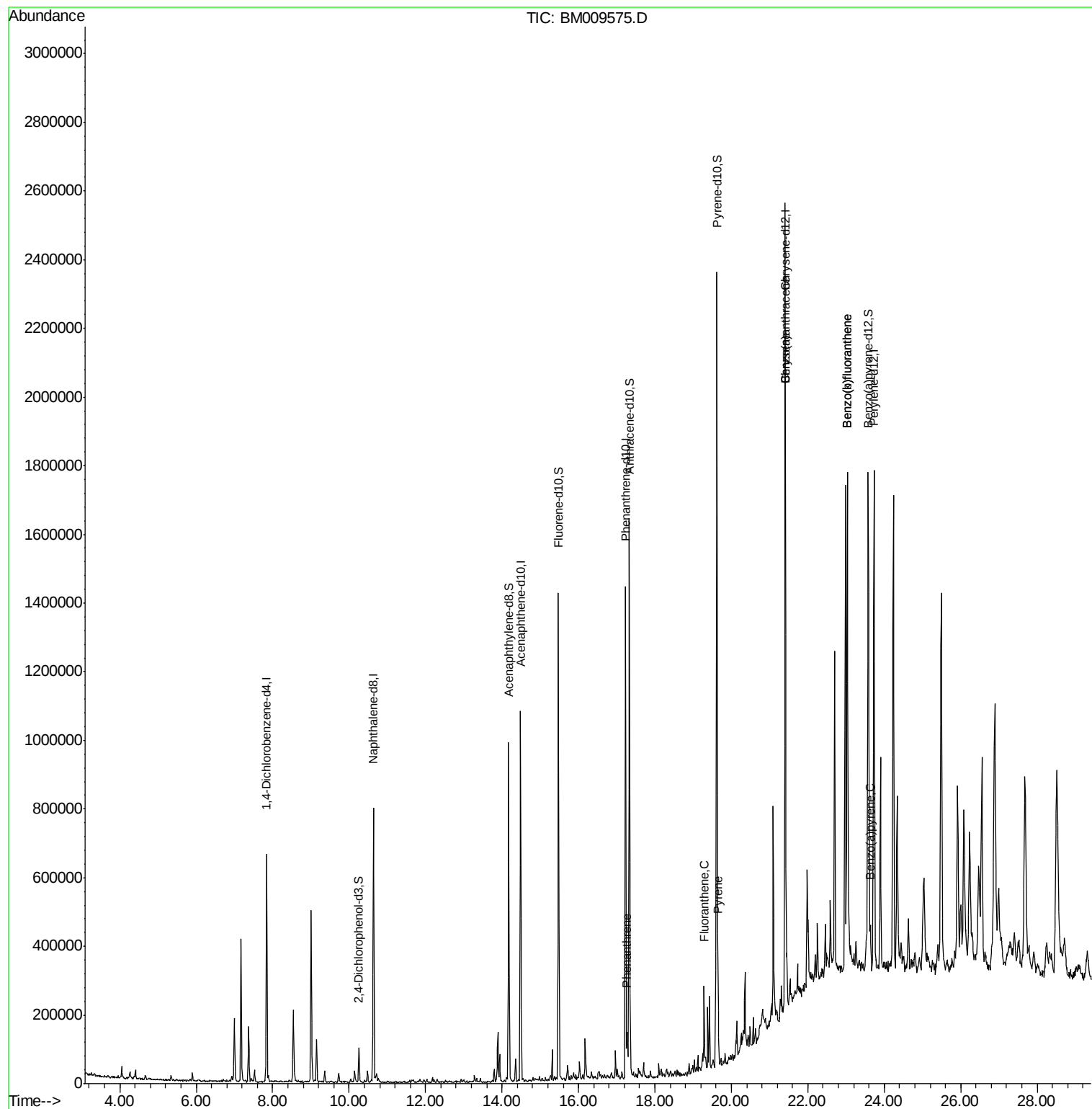
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	152318	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	572104	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	327948	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	776274	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1062240	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1041376	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	34863	3.96	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	643352	20.02	ng/ul	0.00
10) Fluorene-d10	15.47	176	518130	22.41	ng/ul	0.00
15) Anthracene-d10	17.33	188	836836	22.53	ng/ul	0.00
19) Pyrene-d10	19.63	212	1048549	24.02	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.58	264	993384	21.61	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.27	178	64364	1.47	ng/ul#	93
17) Fluoranthene	19.29	202	141785	2.61	ng/ul#	94
20) Pyrene	19.66	202	132329	2.29	ng/ul	96
21) Benzo(a)anthracene	21.40	228	81693	1.36	ng/ul	98
22) Chrysene	21.40	228	82517	1.50	ng/ul	95
24) Benzo(b)fluoranthene	23.03	252	114881	1.78	ng/ul#	72
25) Benzo(k)fluoranthene	23.03	252	114881	1.87	ng/ul#	72
27) Benzo(a)pyrene	23.63	252	69897	1.14	ng/ul	94

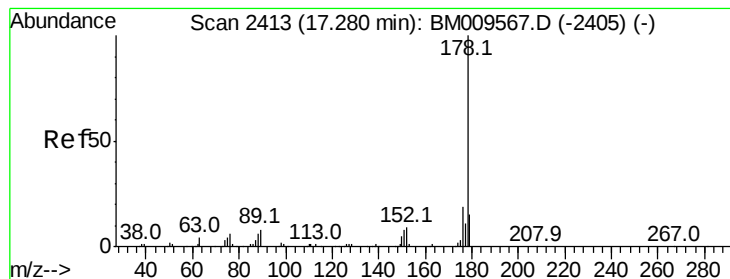
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.47 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.01 min

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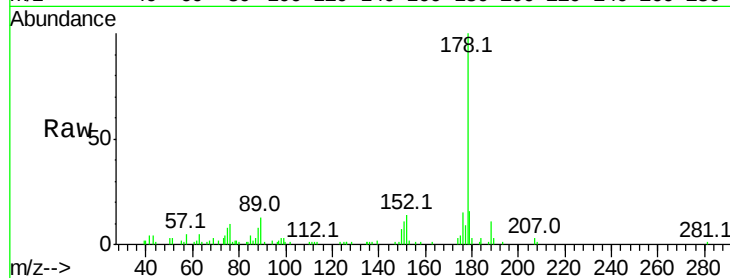
Tot Ion:178 Resp: 64364

Ion Ratio Lower Upper

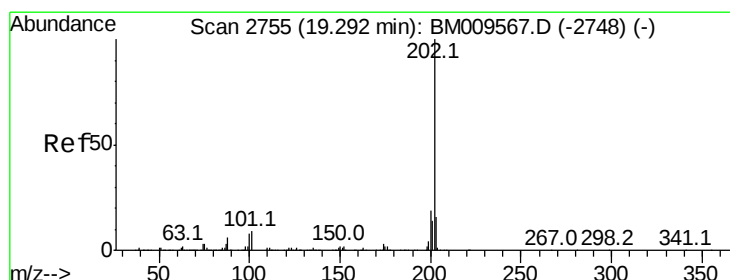
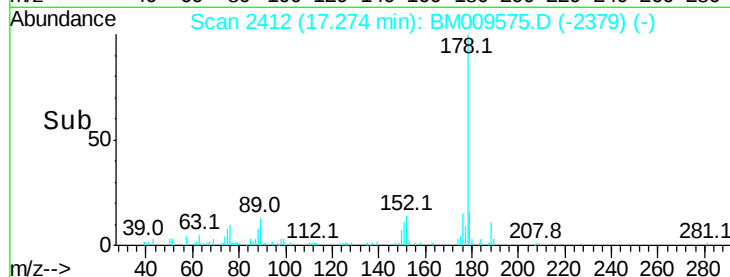
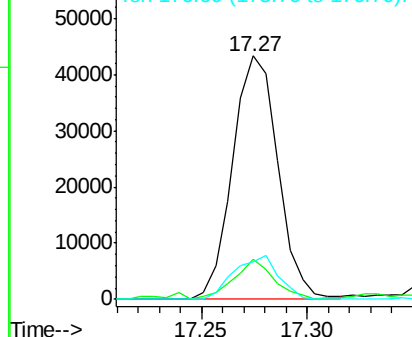
178 100

179 16.4 12.2 18.4

176 15.4 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: 2.61 ng/ul

RT: 19.29 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BM009575.D

Acq: 06 Apr 2017 01:33

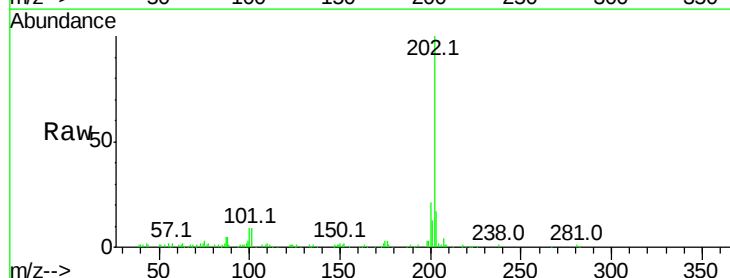
Tgt Ion:202 Resp: 141785

Ion Ratio Lower Upper

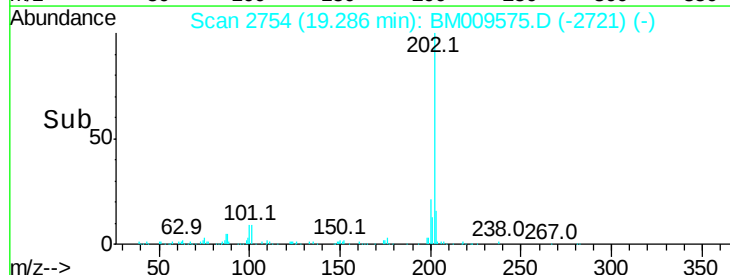
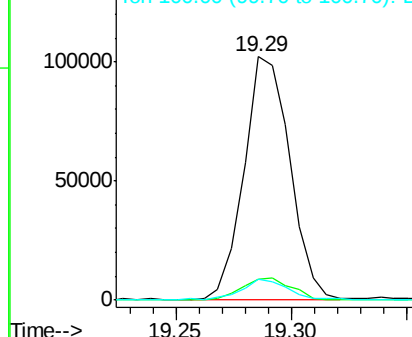
202 100

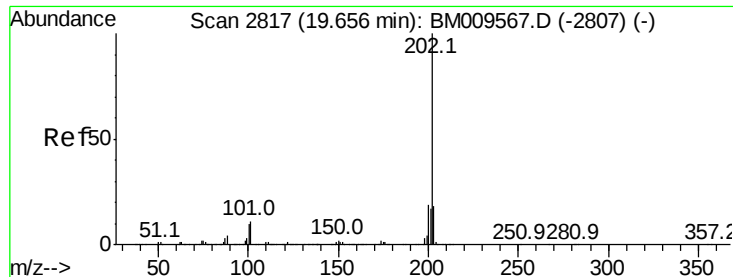
101 8.7 9.8 14.8#

100 8.8 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

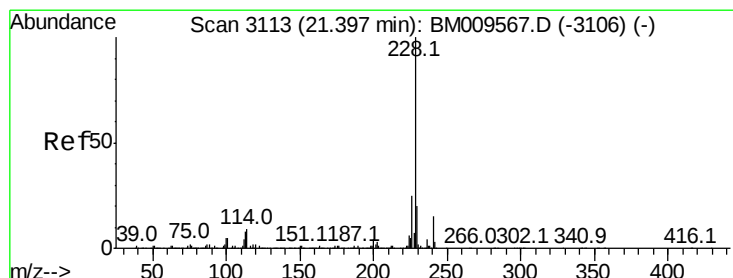
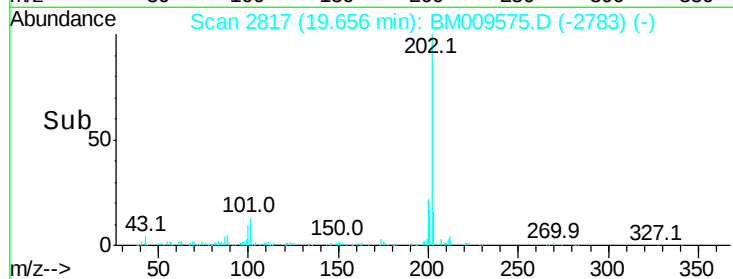
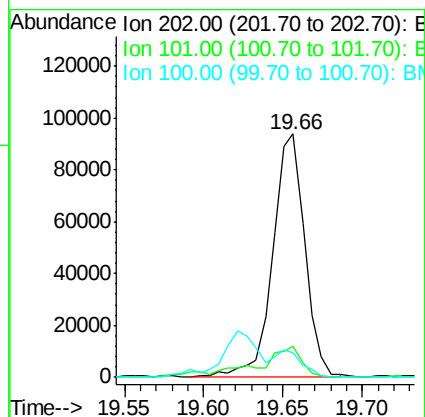
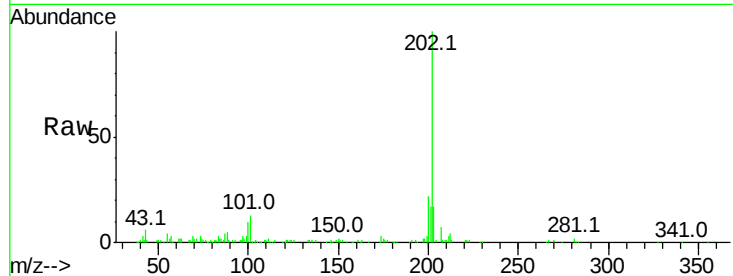




#20
Pvrene
Concen: 2.29 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009575.D
Acq: 06 Apr 2017 01:33

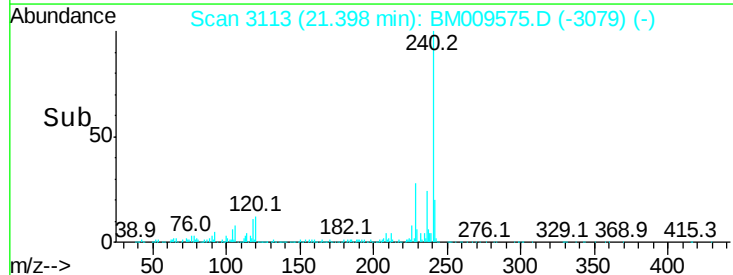
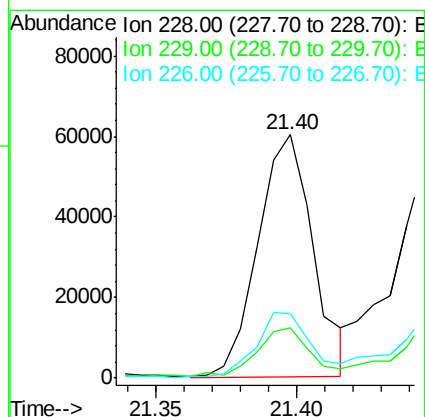
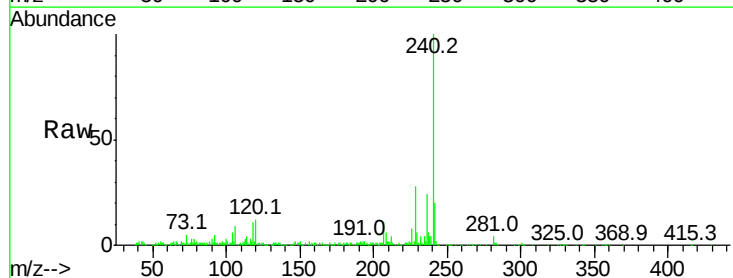
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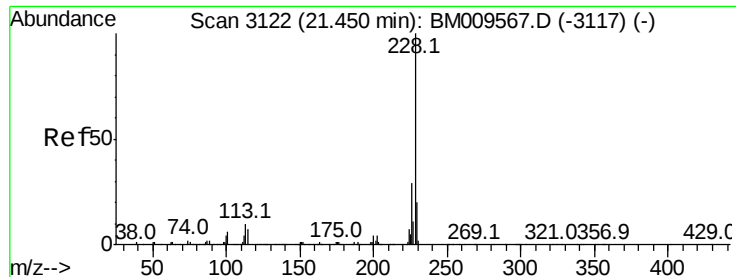
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.2	16.8
100	10.1	9.8	14.6



#21
Benzo(a)anthracene
Concen: 1.36 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009575.D
Acq: 06 Apr 2017 01:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	26.5	22.1	33.1





#22

Chrysene

Concen: 1.50 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.05 min

Lab File: BM009575.D

Acq: 06 Apr 2017 01:33

Instrument :

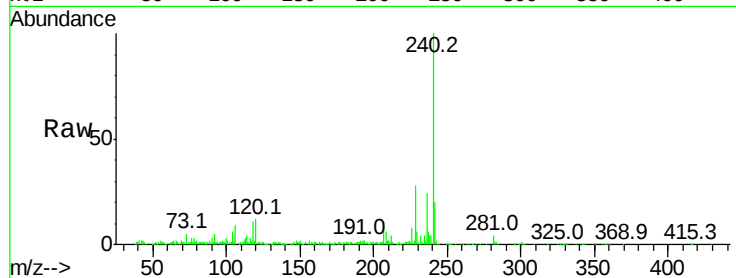
BNA_M

ClientSampleId :

CB328

Tot Ion:228 Resp: 82517

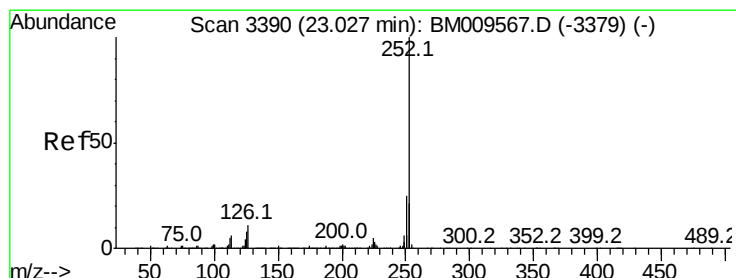
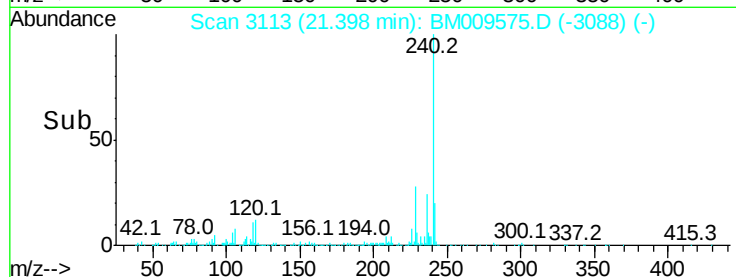
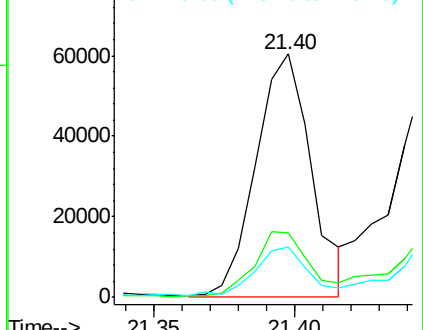
Ion	Ratio	Lower	Upper
228	100		
226	26.5	25.0	37.6
229	20.8	16.6	25.0



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: 1.78 ng/ul

RT: 23.03 min Scan# 3390

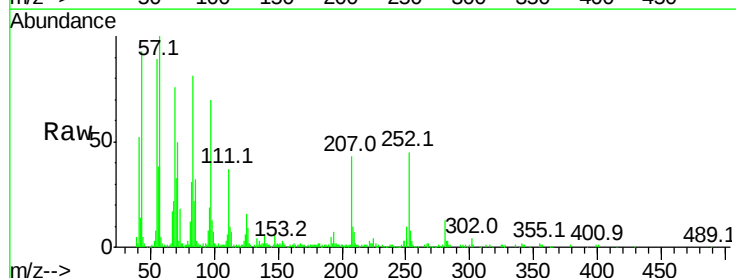
Delta R.T. 0.00 min

Lab File: BM009575.D

Acq: 06 Apr 2017 01:33

Tgt Ion:252 Resp: 114881

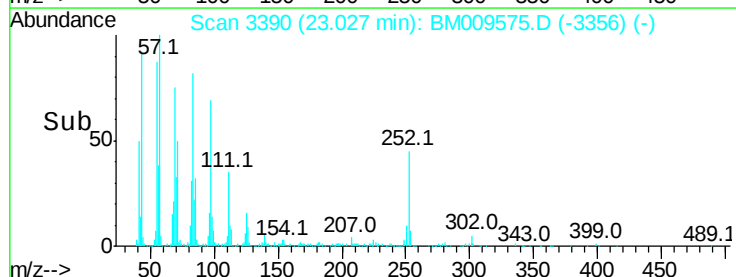
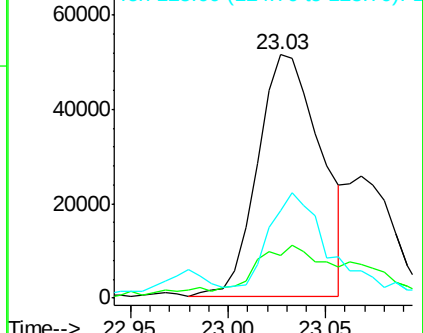
Ion	Ratio	Lower	Upper
252	100		
253	17.4	17.8	26.6#
125	35.9	9.4	14.0#

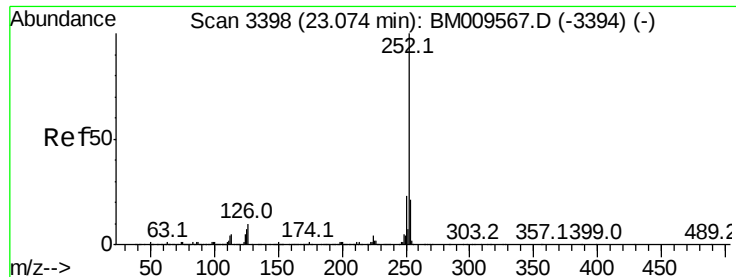


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

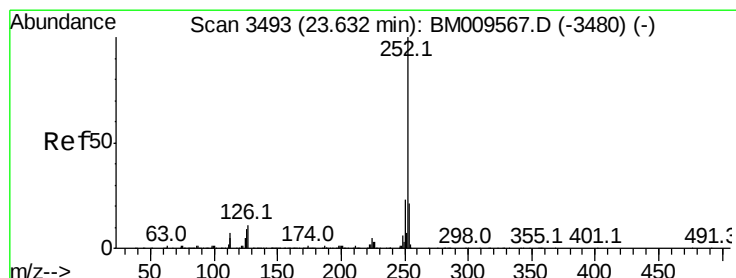
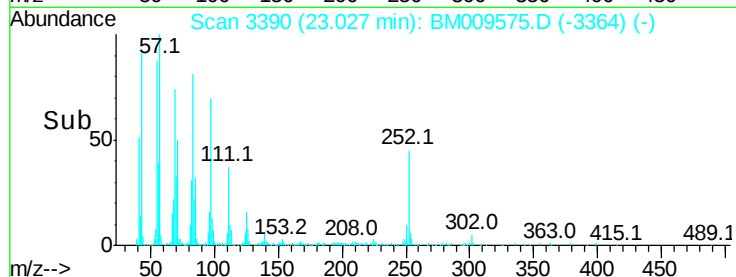
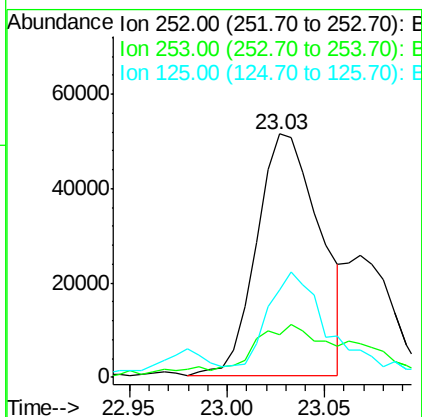
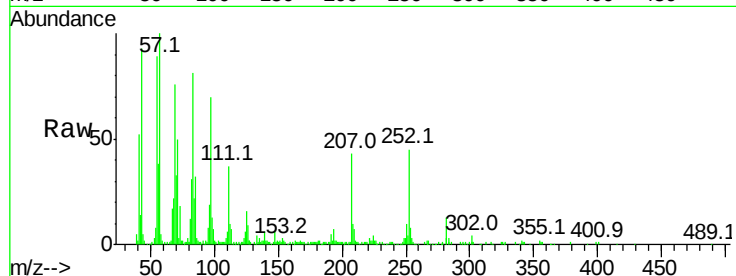




#25
Benzo(k)fluoranthene
Concen: 1.87 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM009575.D
Acq: 06 Apr 2017 01:33

Instrument :
BNA_M
ClientSampleId :
CB328

Tot Ion	Ratio	Lower	Upper
252	100		
253	17.4	17.4	26.2
125	35.9	8.8	13.2#



#27
Benzo(a)pyrene
Concen: 1.14 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009575.D
Acq: 06 Apr 2017 01:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	12.9	9.4	14.2

