

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

Manual Integrations
 APPROVED

mohammad
 4/6/2017 11:39:34 AM

Quant Time: Apr 06 04:06:57 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						
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	21.44	228	84237m	1.53	ng/ul	
24) Benzo(b)fluoranthene	23.03	252	114881	1.78	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

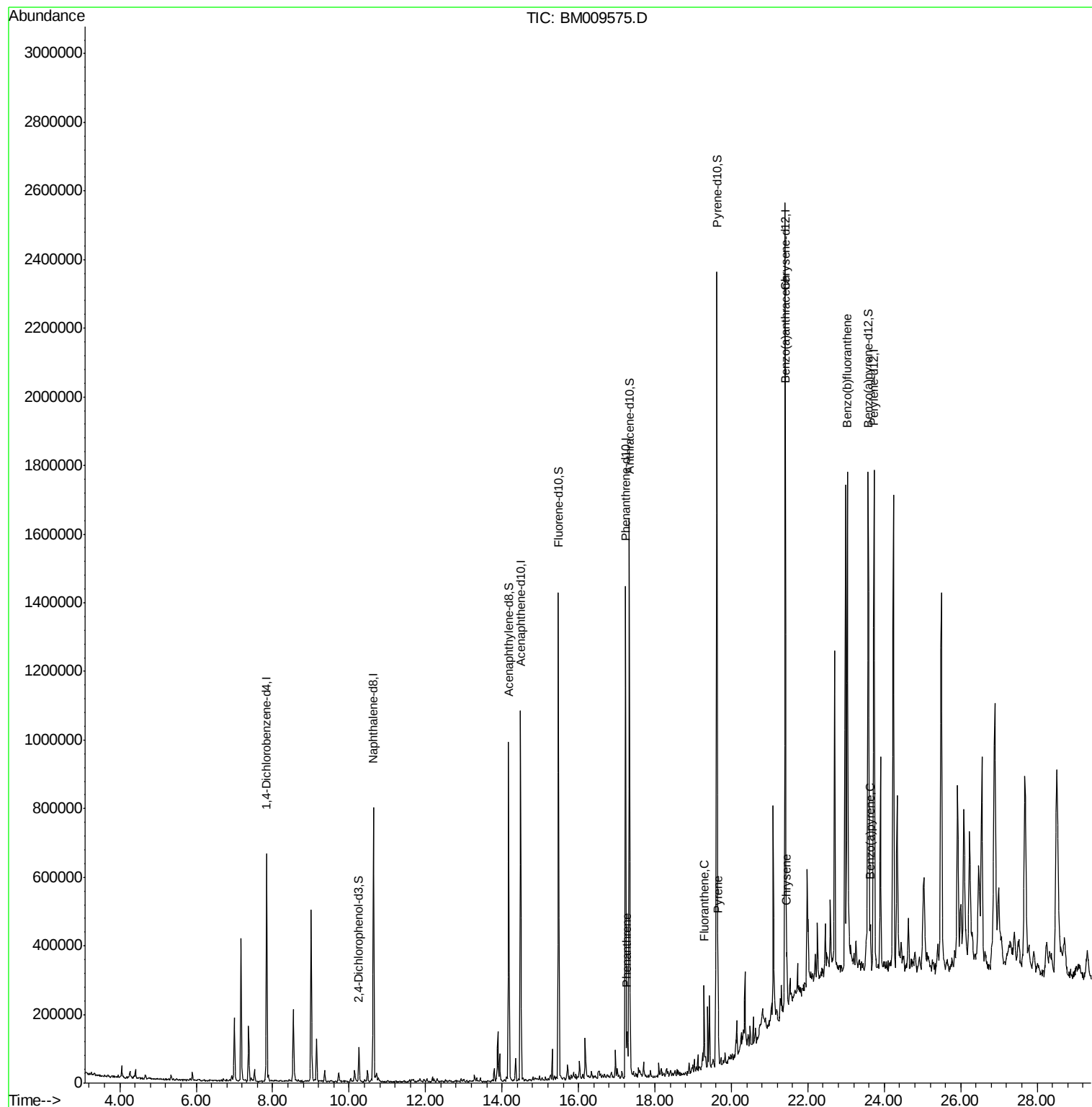
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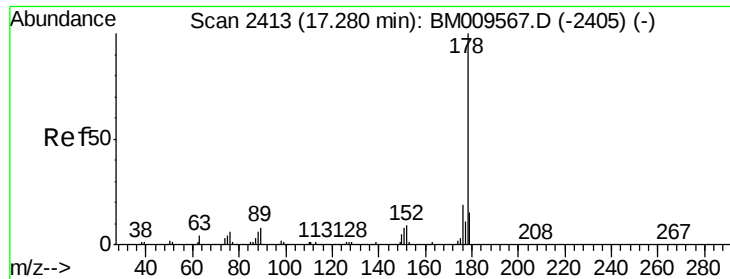
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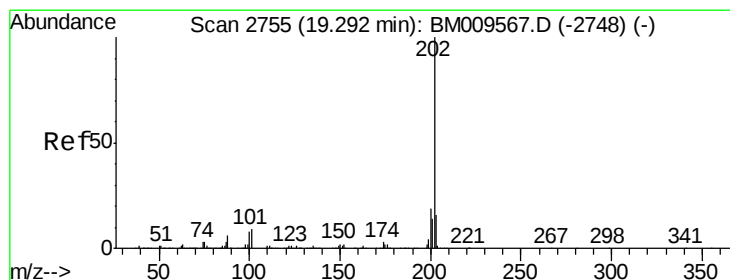
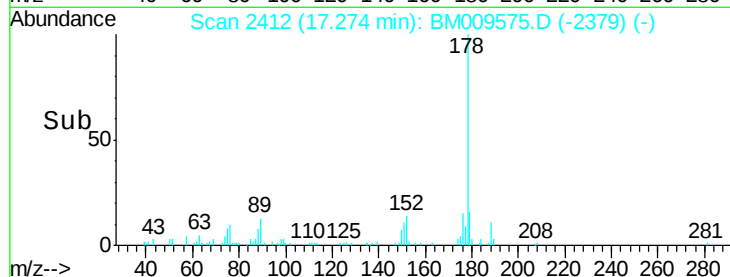
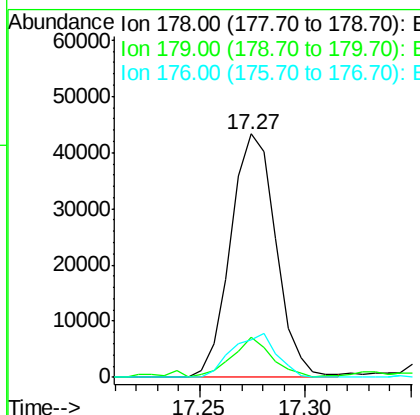
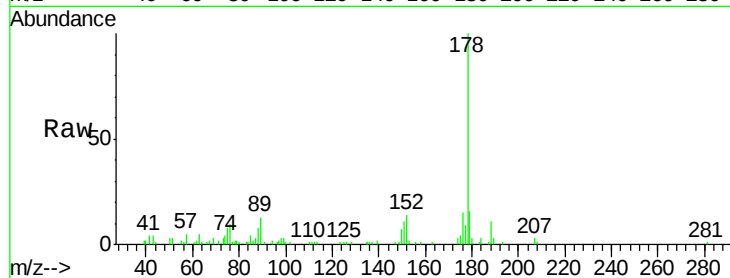
#14
Phenanthrene
Concen: 1.47 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009575.D
Acq: 06 Apr 2017 01:33

Instrument :
BNA_M
ClientSampled :
CB328

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	15.4	16.4	24.6#

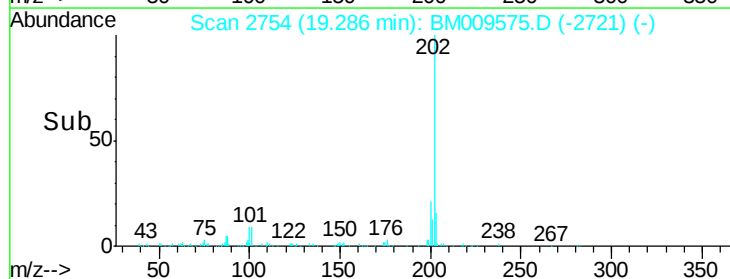
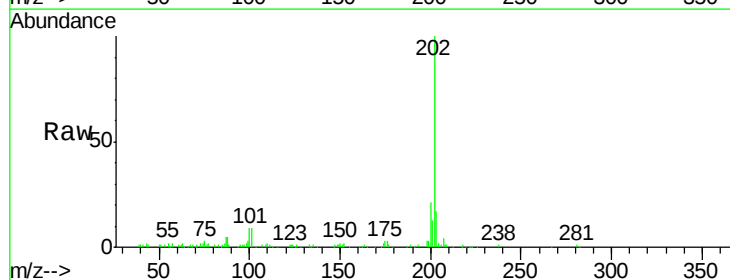
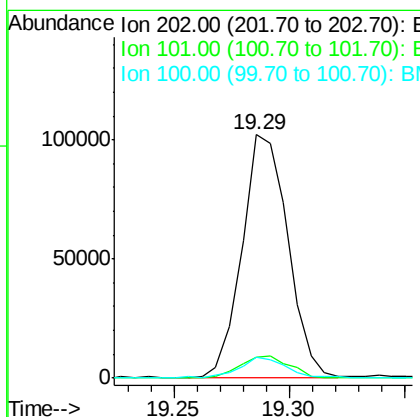
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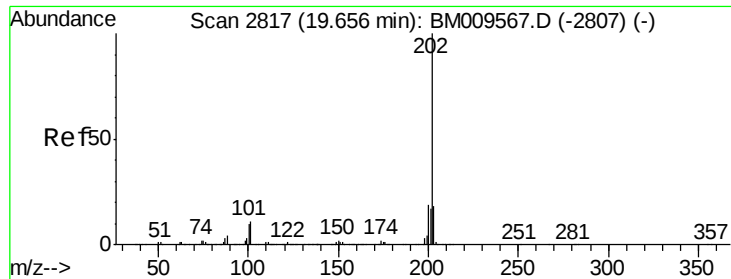
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#17
Fluoranthene
Concen: 2.61 ng/ul
RT: 19.29 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BM009575.D
Acq: 06 Apr 2017 01:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	9.8	14.8#
100	8.8	7.5	11.3





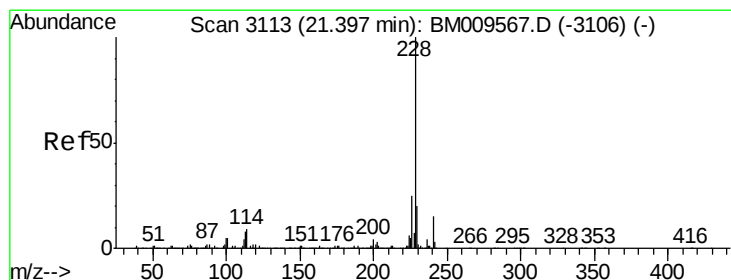
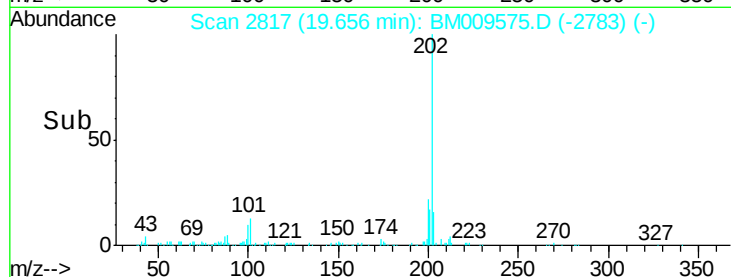
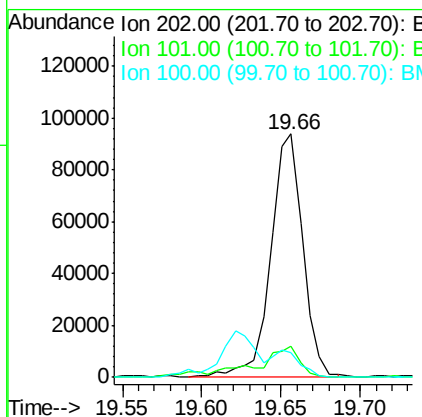
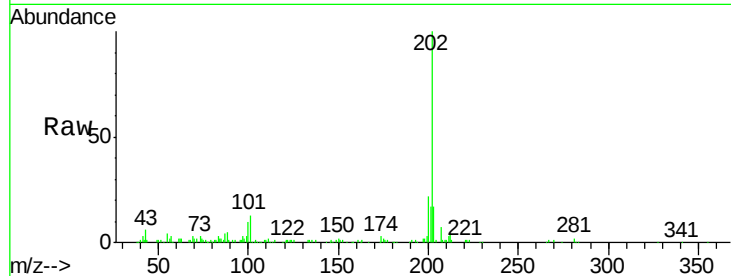
#20
Pvrene
Concen: 2.29 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009575.D
Acq: 06 Apr 2017 01:33

Instrument :
BNA_M
ClientSampleId :
CB328

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		132329		
101	12.6		11.2	16.8	
100	10.1		9.8	14.6	

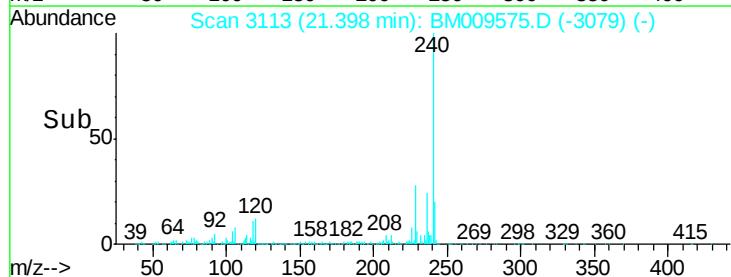
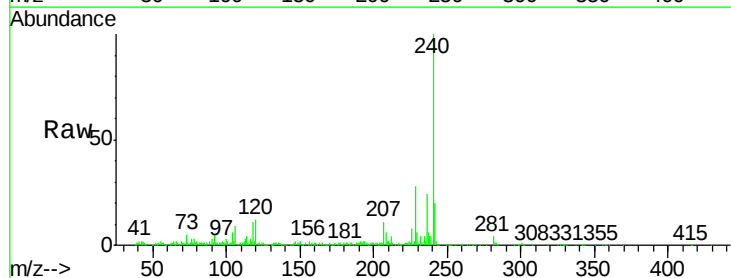
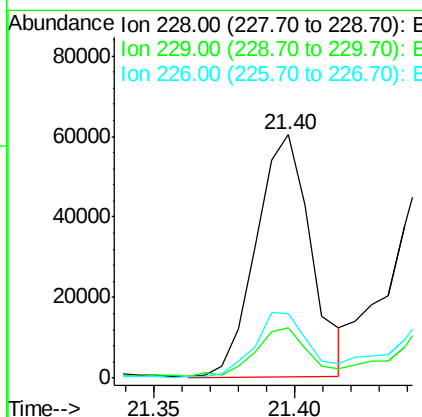
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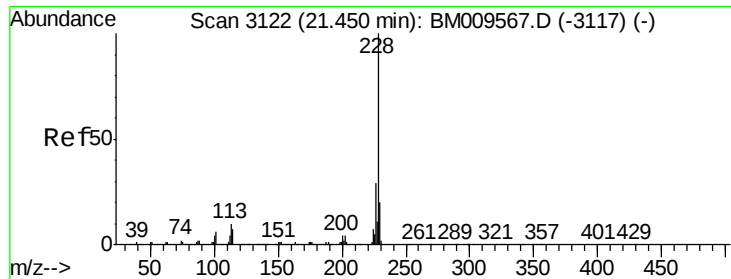
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#21
Benzo(a)anthracene
Concen: 1.36 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009575.D
Acq: 06 Apr 2017 01:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		81693		
229	20.8		15.9	23.9	
226	26.5		22.1	33.1	





#22

Chrysene

Concen: 1.53 ng/ul m

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM009575.D

Acq: 06 Apr 2017 01:33

Instrument :

BNA_M

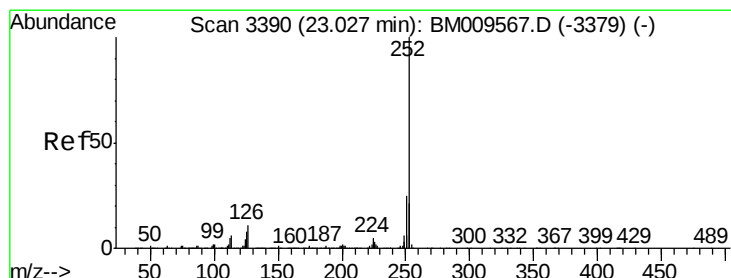
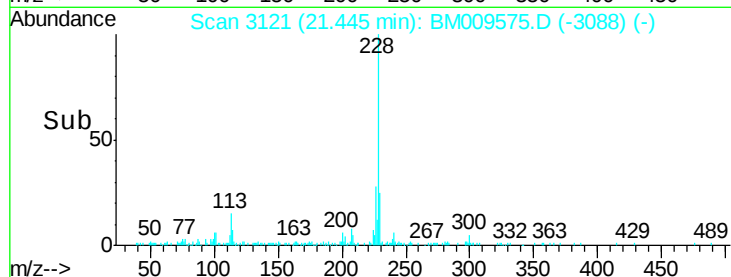
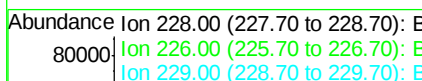
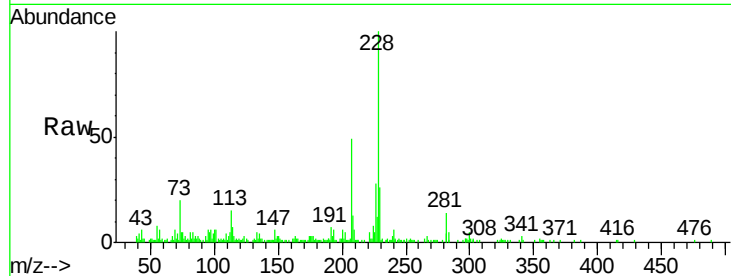
ClientSampleId :

CB328

Tot Ion:	228	Resp:	84237
Ion Ratio	Lower	Upper	
228	100		
226	28.2	25.0	37.6
229	26.1	16.6	25.0#

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#24

Benzo(b)fluoranthene

Concen: 1.78 ng/ul

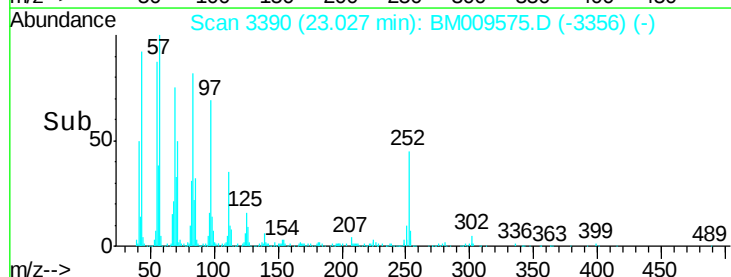
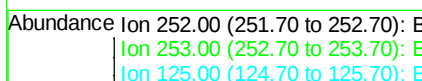
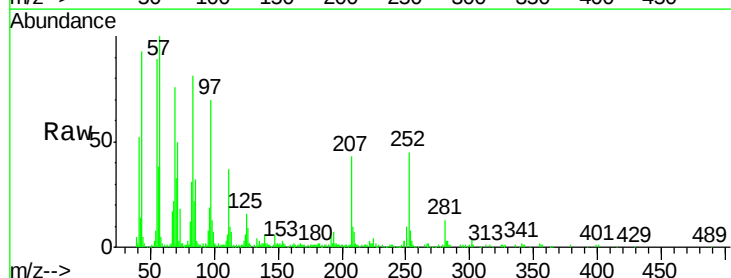
RT: 23.03 min Scan# 3390

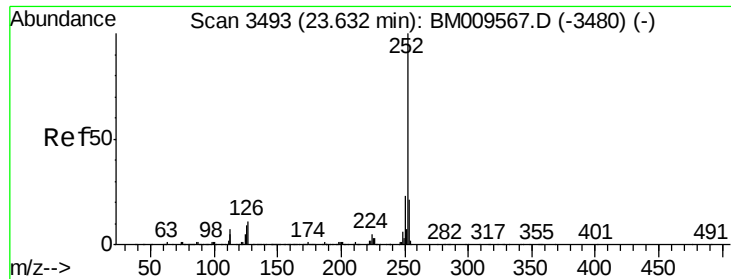
Delta R.T. 0.00 min

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#





#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

Instrument :
BNA_M
ClientSampleId :
CB328

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

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