

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009603.D
 Acq On : 06 Apr 2017 20:47
 Operator : SJ/MA
 Sample : I2526-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB374

Quant Time: Apr 07 03:20:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

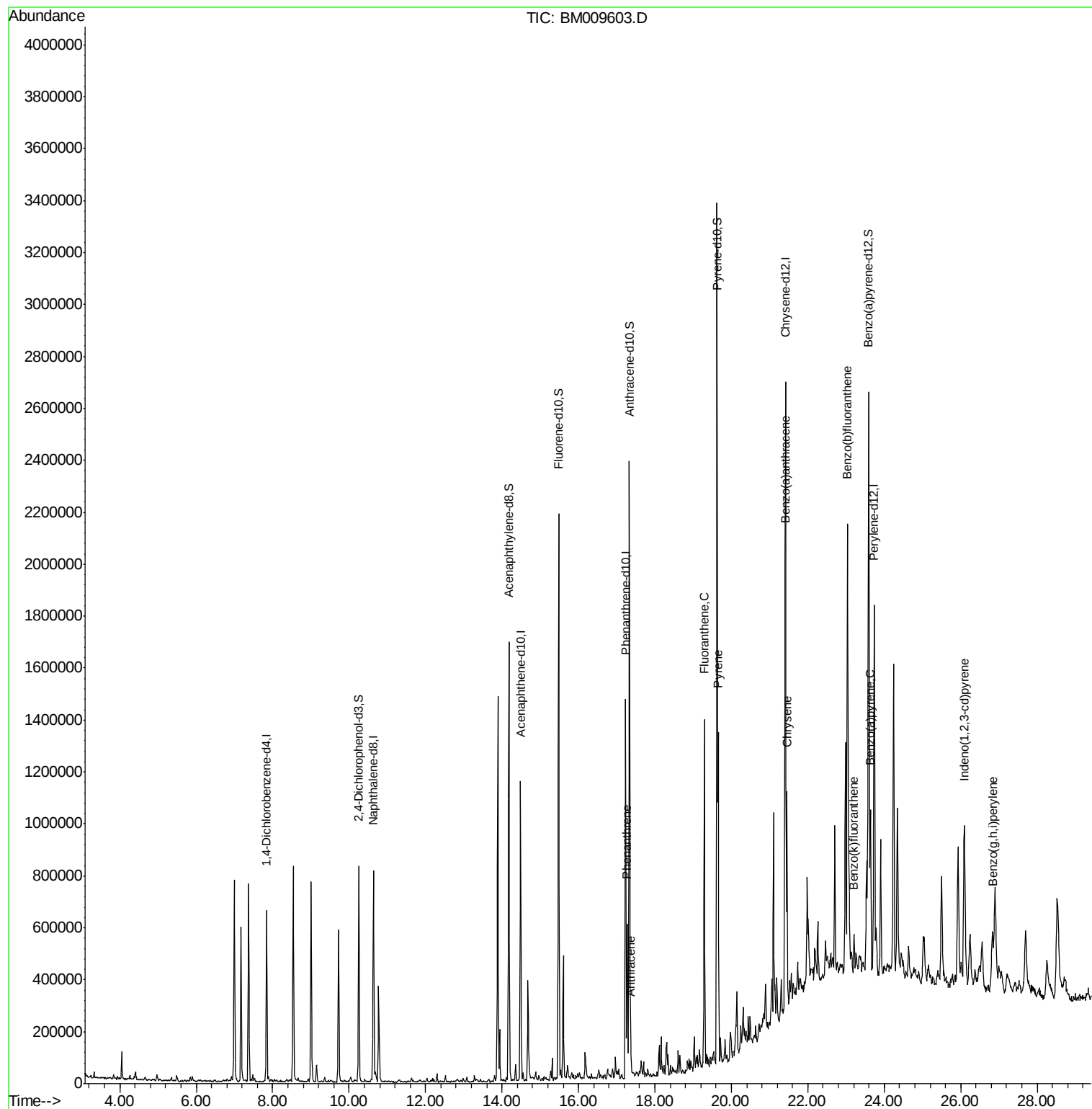
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	146185	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	592191	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	335153	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	792502	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1046525	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1028724	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	260878	28.65	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1085258	33.04	ng/ul	0.00
10) Fluorene-d10	15.48	176	776655	32.87	ng/ul	0.00
15) Anthracene-d10	17.33	188	1228616	32.40	ng/ul	0.00
19) Pyrene-d10	19.63	212	1483228	34.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1532367	33.74	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.27	178	315664	7.08	ng/ul	97
16) Anthracene	17.37	178	63653	1.38	ng/ul	96
17) Fluoranthene	19.29	202	733274	13.21	ng/ul#	95
20) Pyrene	19.66	202	692631	12.16	ng/ul	97
21) Benzo(a)anthracene	21.40	228	430719	7.28	ng/ul	97
22) Chrysene	21.45	228	417625	7.70	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	590599	9.28	ng/ul#	97
25) Benzo(k)fluoranthene	23.22	252	92689	1.53	ng/ul	98
27) Benzo(a)pyrene	23.64	252	419936	6.94	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.10	276	292867	4.32	ng/ul#	92
30) Benzo(g,h,i)perylene	26.83	276	285829	5.11	ng/ul#	91

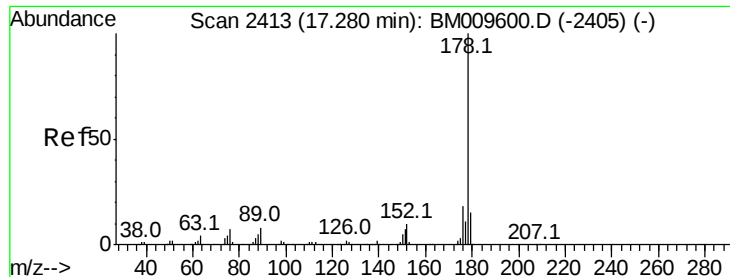
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 7.08 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Instrument :

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CB374

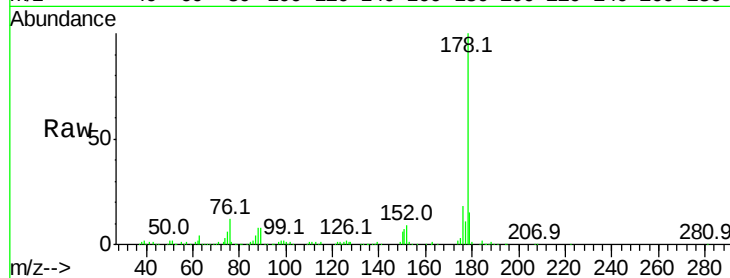
Tot Ion:178 Resp: 315664

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

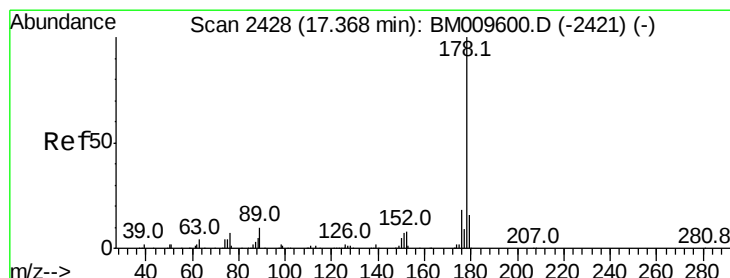
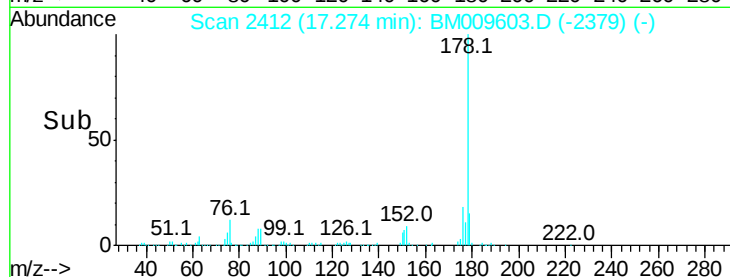
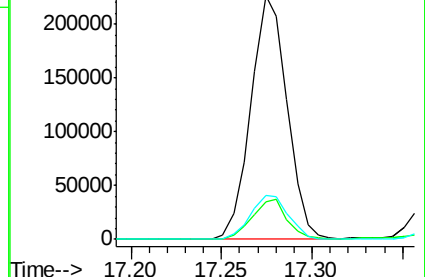
176 18.1 16.4 24.6



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



#16

Anthracene

Concen: 1.38 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

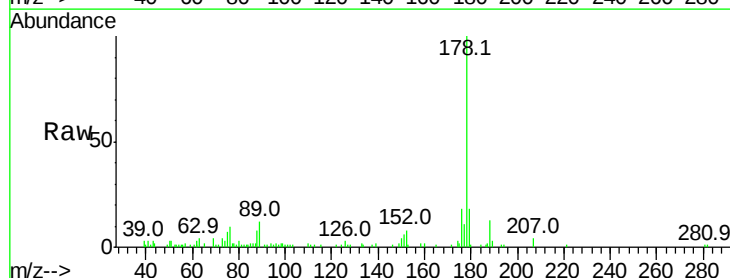
Tgt Ion:178 Resp: 63653

Ion Ratio Lower Upper

178 100

179 17.5 12.7 19.1

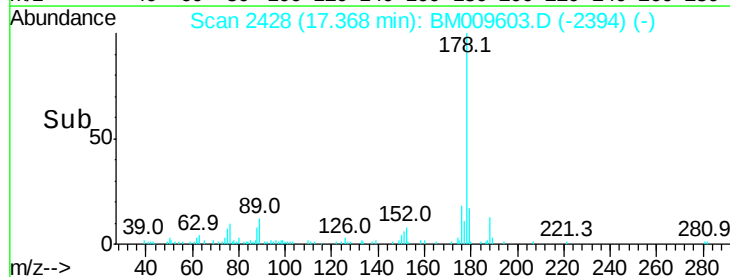
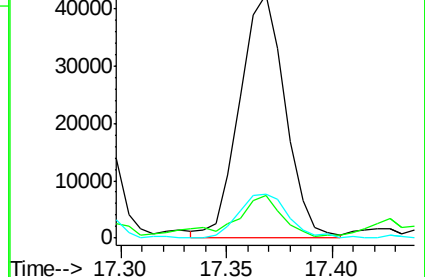
176 18.1 15.8 23.8

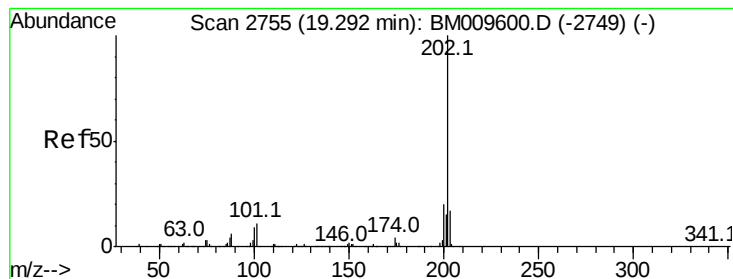


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Fluoranthene

Concen: 13.21 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Instrument :

BNA_M

ClientSampleId :

CB374

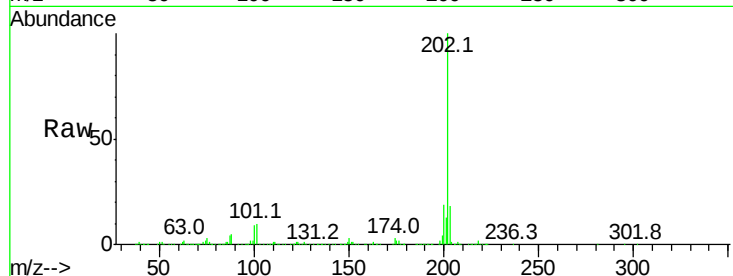
Tot Ion:202 Resp: 733274

Ion Ratio Lower Upper

202 100

101 9.6 9.8 14.8#

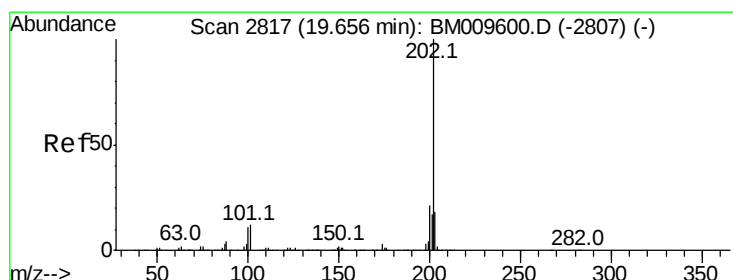
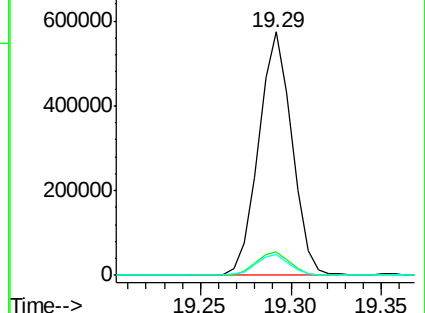
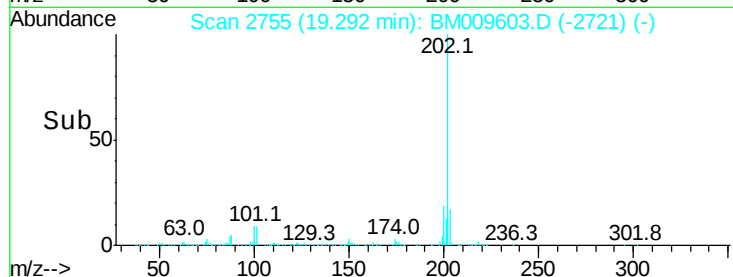
100 8.6 7.5 11.3



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

Pyrene

Concen: 12.16 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

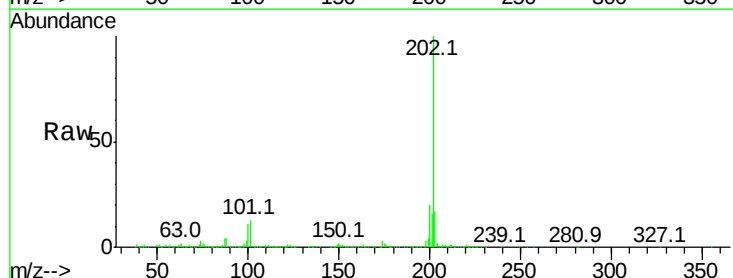
Tgt Ion:202 Resp: 692631

Ion Ratio Lower Upper

202 100

101 13.0 11.2 16.8

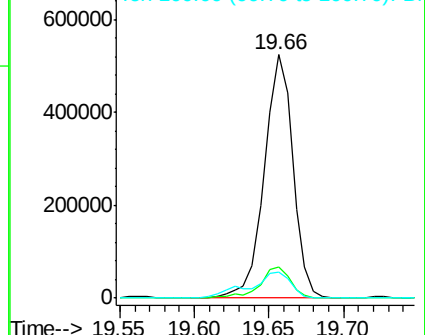
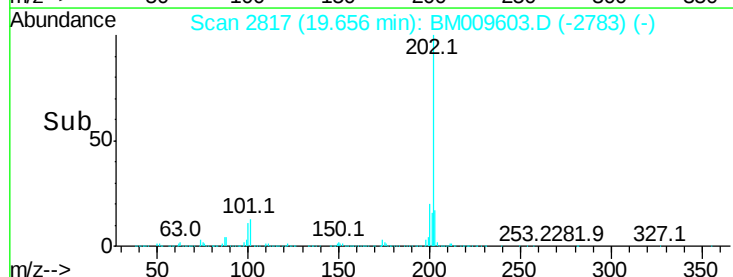
100 10.9 9.8 14.6

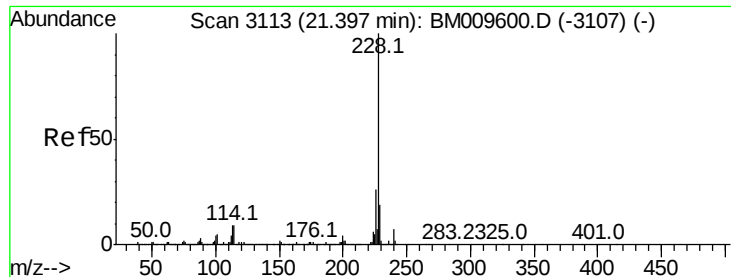


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 7.28 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Instrument :

BNA_M

ClientSampleId :

CB374

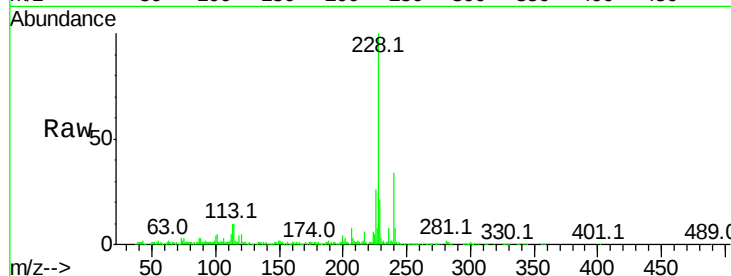
Tot Ion:228 Resp: 430719

Ion Ratio Lower Upper

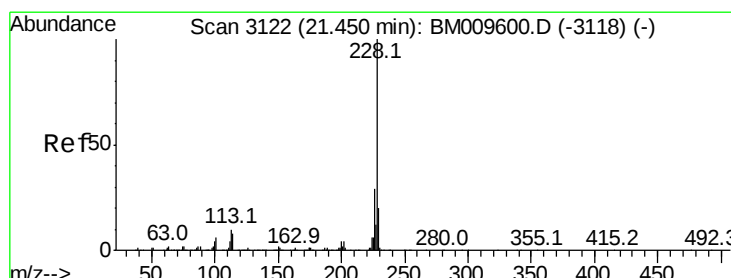
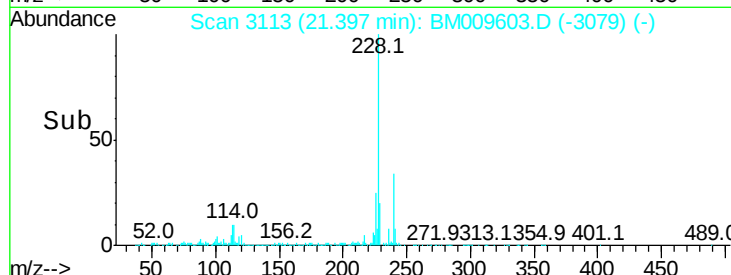
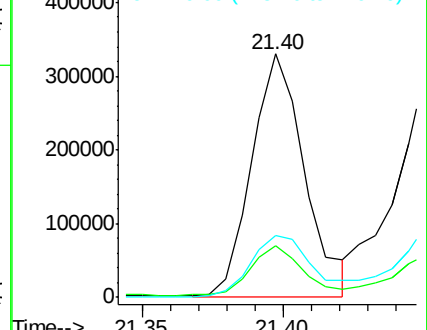
228 100

229 21.0 15.9 23.9

226 25.5 22.1 33.1



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



#22

Chrysene

Concen: 7.70 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

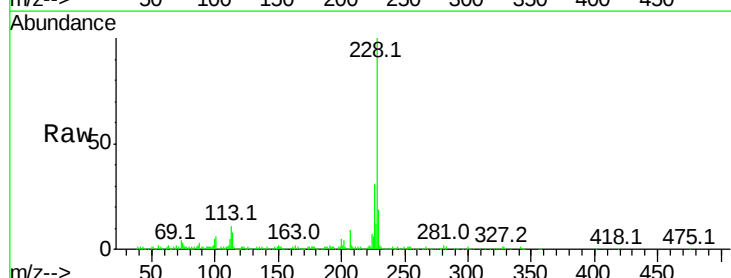
Tgt Ion:228 Resp: 417625

Ion Ratio Lower Upper

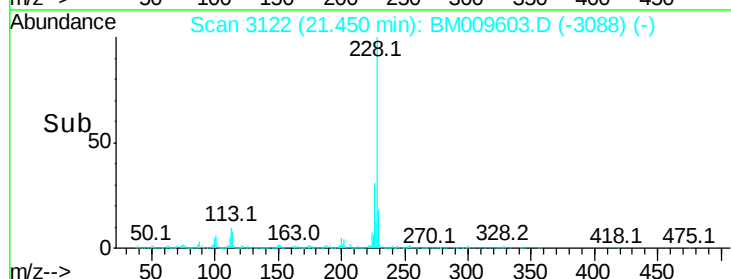
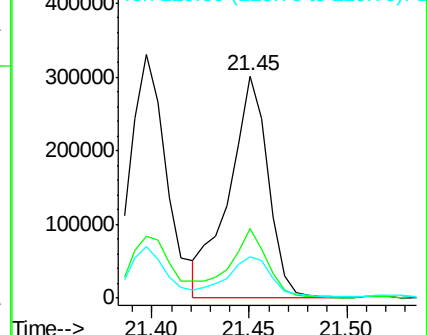
228 100

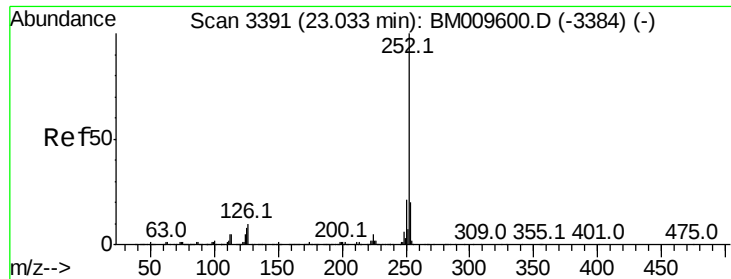
226 31.4 25.0 37.6

229 18.6 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: 9.28 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.01 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

Instrument :

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ClientSampleId :

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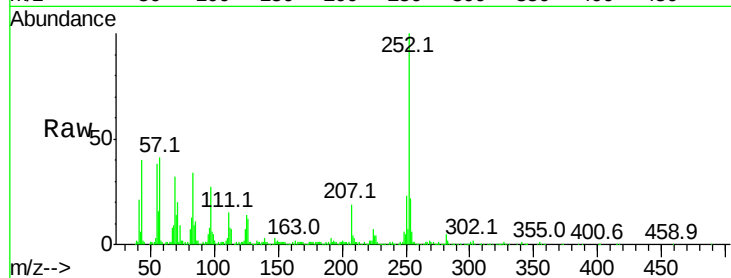
Tot Ion:252 Resp: 590599

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

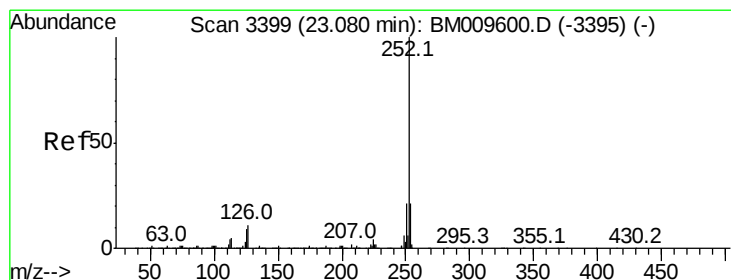
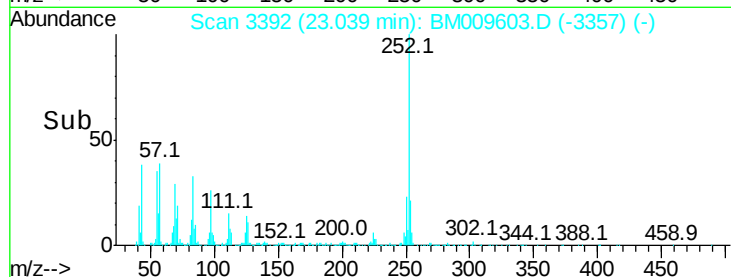
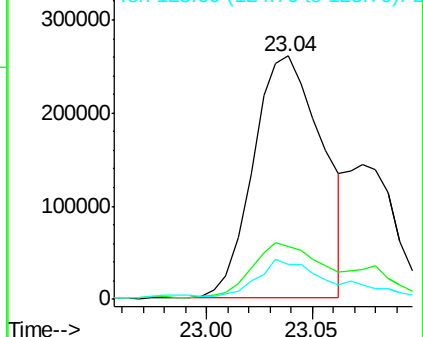
125 14.4 9.4 14.0#



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: 1.53 ng/ul

RT: 23.22 min Scan# 3422

Delta R.T. 0.14 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

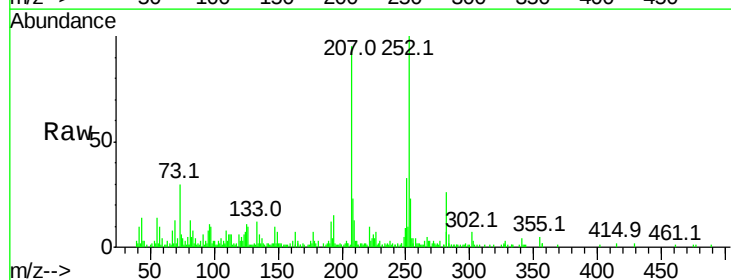
Tgt Ion:252 Resp: 92689

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

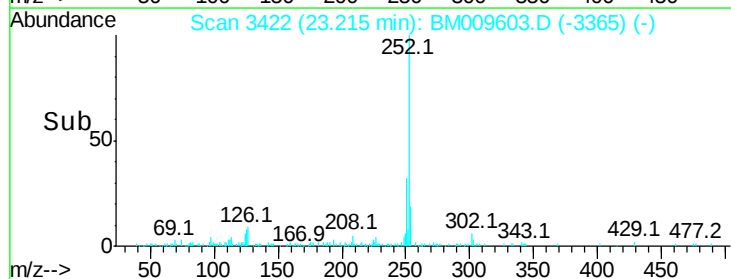
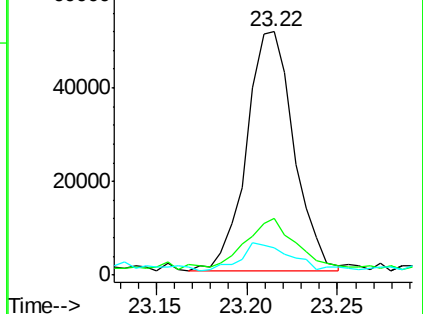
125 11.1 8.8 13.2

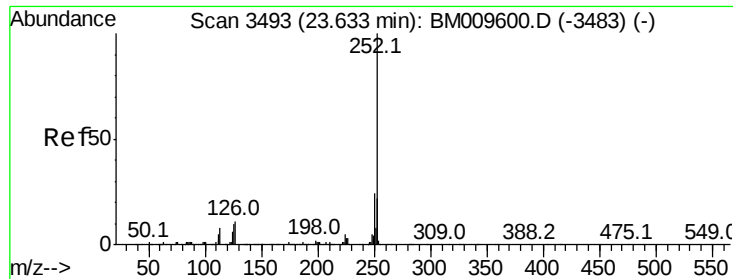


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 6.94 ng/ul

RT: 23.64 min Scan# 3494

Delta R.T. 0.01 min

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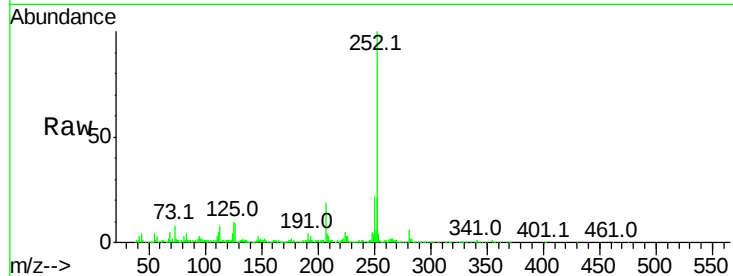
Tot Ion:252 Resp: 419936

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

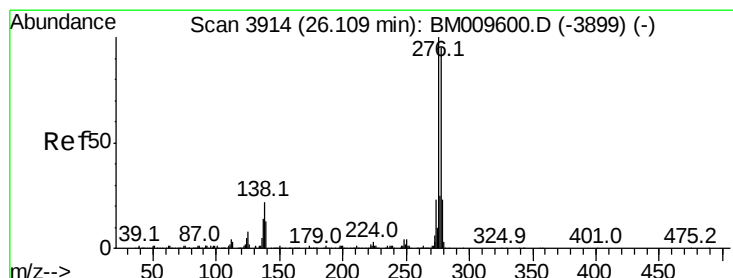
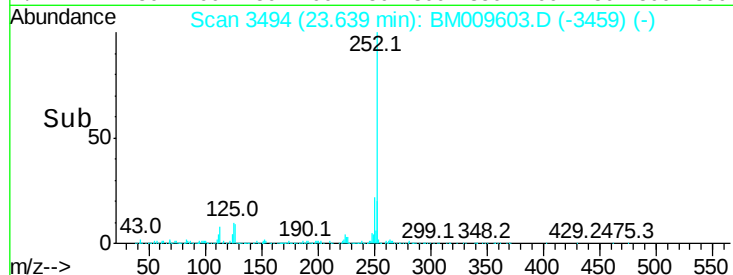
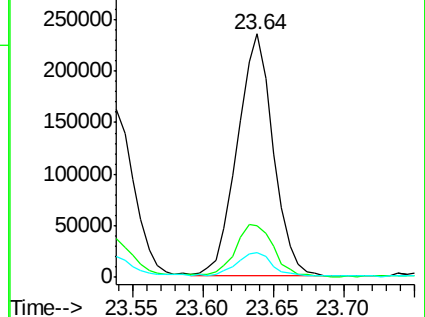
125 10.4 9.4 14.2



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 4.32 ng/ul

RT: 26.10 min Scan# 3912

Delta R.T. -0.01 min

Lab File: BM009603.D

Acq: 06 Apr 2017 20:47

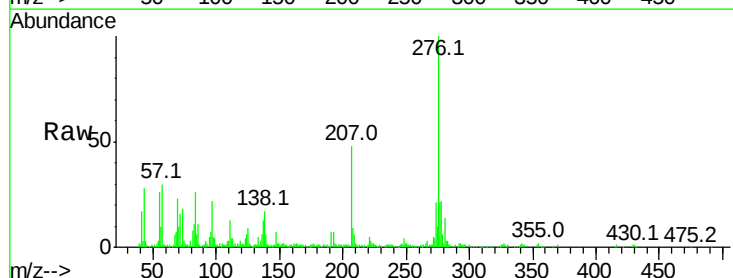
Tgt Ion:276 Resp: 292867

Ion Ratio Lower Upper

276 100

138 17.5 17.8 26.6#

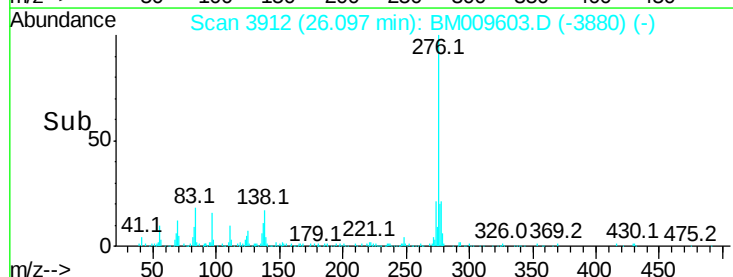
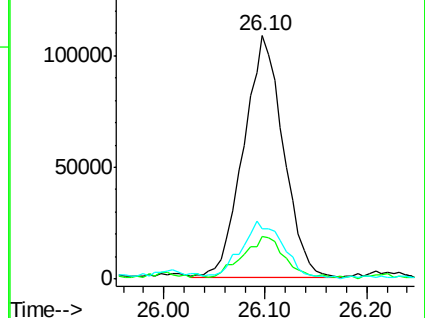
277 20.7 19.4 29.0

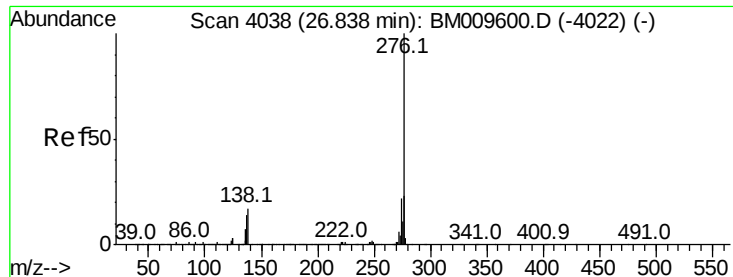


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Benzo(a,h,i)perylene

Concen: 5.11 ng/ul

RT: 26.83 min Scan# 4037

Delta R.T. -0.01 min

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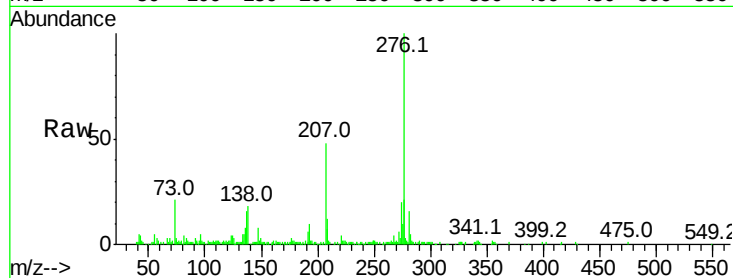
Tot Ion:276 Resp: 285829

Ion Ratio Lower Upper

276 100

138 18.4 19.0 28.4#

277 21.2 19.7 29.5



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

