

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM031518\
 Data File : BM014600.D
 Acq On : 16 Mar 2018 05:28
 Operator : SJ/JU
 Sample : J1904-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEL44

Quant Time: Mar 16 15:26:49 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration

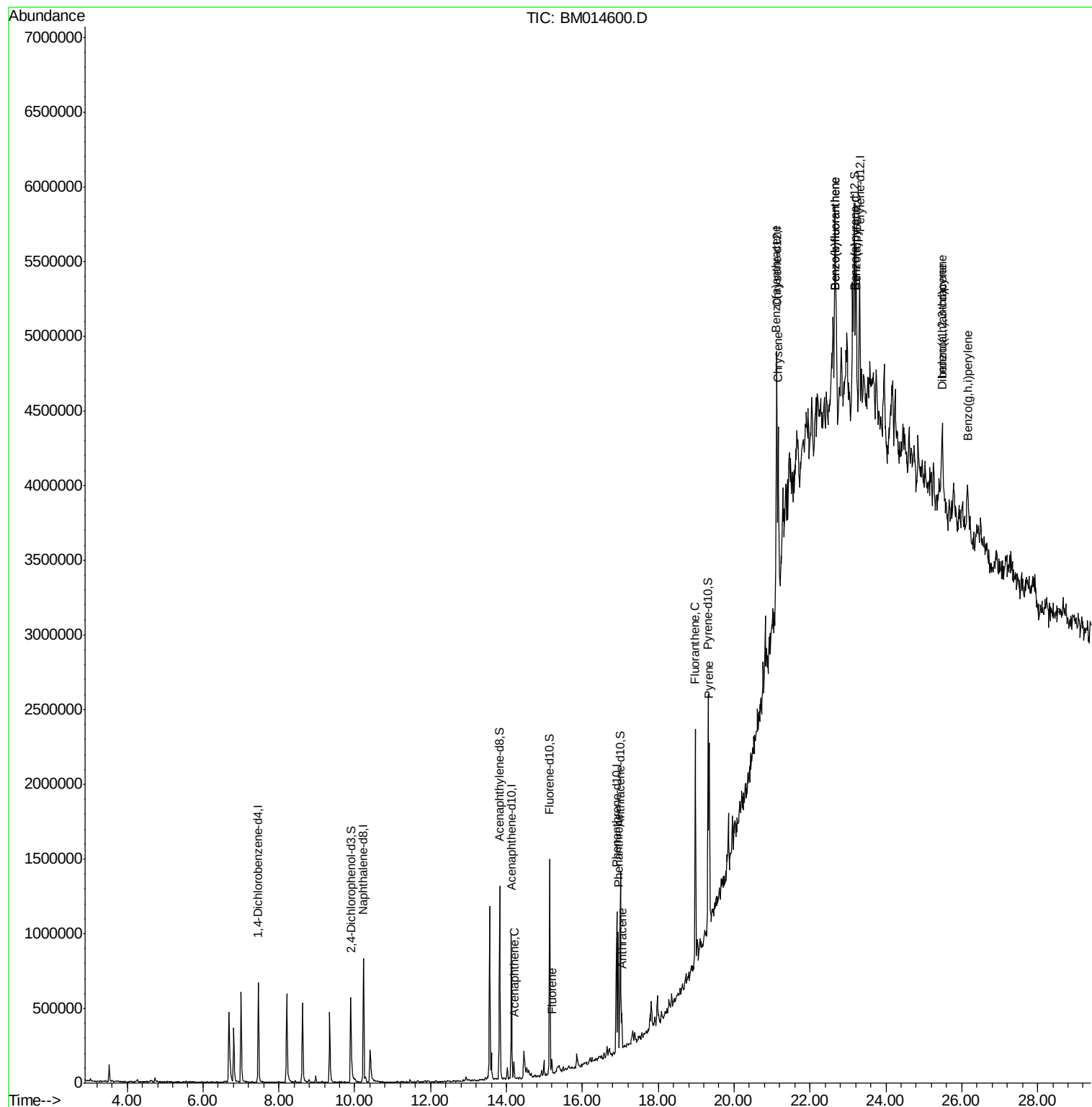
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	145367	20.00	ng/ul	0.00
2) Naphthalene-d8	10.23	136	593526	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	281379	20.00	ng/ul	0.01
12) Phenanthrene-d10	16.90	188	467773	20.00	ng/ul	0.01
18) Chrysene-d12	21.13	240	464571	20.00	ng/ul	0.01
23) Perylene-d12	23.31	264	480210	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.89	165	220743	24.06	ng/ul	0.00
7) Acenaphthylene-d8	13.82	160	750058	24.94	ng/ul	0.01
10) Fluorene-d10	15.14	176	476672	24.20	ng/ul	0.01
15) Anthracene-d10	17.00	188	598690	26.73	ng/ul	0.01
19) Pyrene-d10	19.32	212	572154	20.49	ng/ul	0.01
26) Benzo(a)pyrene-d12	23.17	264	602379	25.93	ng/ul	0.04
Target Compounds				Qvalue		
9) Acenaphthene	14.19	153	43188	2.261	ng/ul#	88
11) Fluorene	15.20	166	35028	1.547	ng/ul	93
14) Phenanthrene	16.94	178	410706	15.678	ng/ul	99
16) Anthracene	17.04	178	124598	4.758	ng/ul	94
17) Fluoranthene	18.98	202	823804	27.704	ng/ul#	97
20) Pyrene	19.34	202	686280	19.642	ng/ul#	97
21) Benzo(a)anthracene	21.11	228	500765	17.045	ng/ul#	94
22) Chrysene	21.17	228	484045	17.919	ng/ul#	91
24) Benzo(b)fluoranthene	22.66	252	767535	25.423	ng/ul#	90
25) Benzo(k)fluoranthene	22.66	252	759947	26.495	ng/ul#	88
27) Benzo(a)pyrene	23.21	252	540286	18.853	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.49	276	351099	10.645	ng/ul#	91
29) Dibenzo(a,h)anthracene	25.47	278	109167	3.954	ng/ul#	54
30) Benzo(g,h,i)perylene	26.16	276	324306	12.344	ng/ul#	85

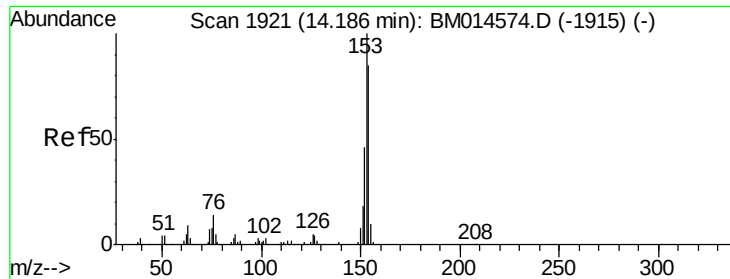
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
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#9

Acenaphthene

Concen: 2.261 ng/ul

RT: 14.19 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

ClientSampleId :

BEL44

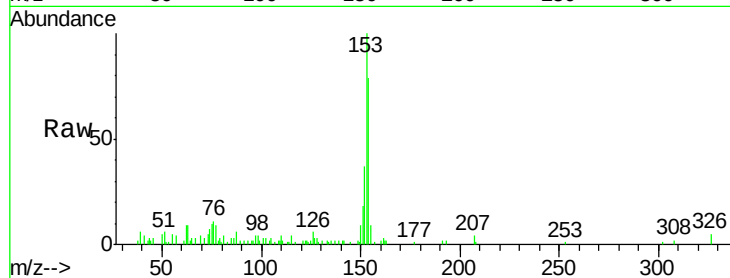
Tgt Ion:153 Resp: 43188

Ion Ratio Lower Upper

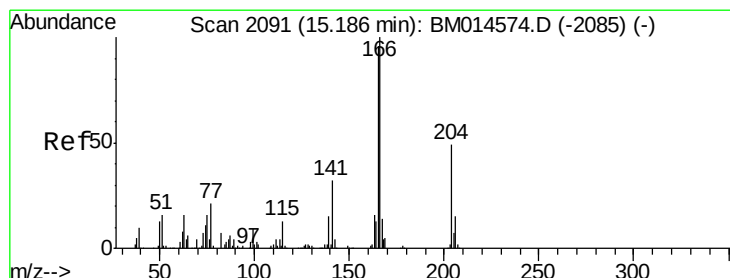
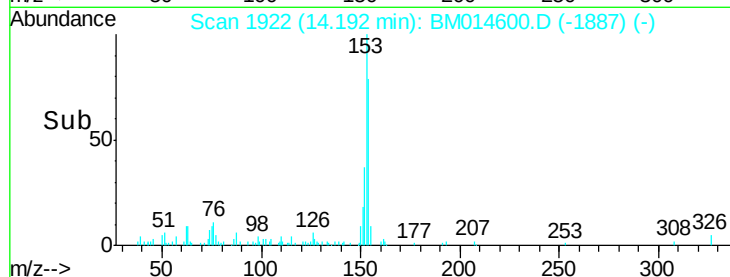
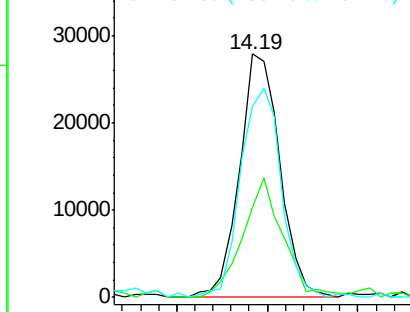
153 100

152 37.2 37.6 56.4#

154 78.7 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 1.547 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

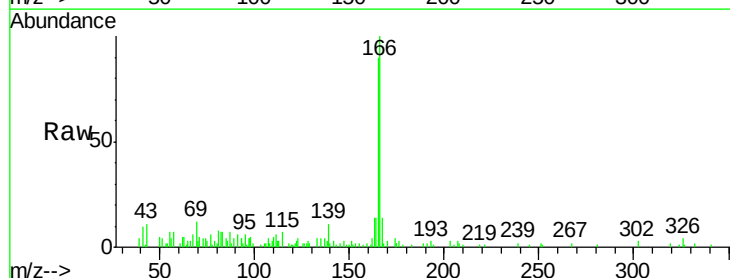
Tgt Ion:166 Resp: 35028

Ion Ratio Lower Upper

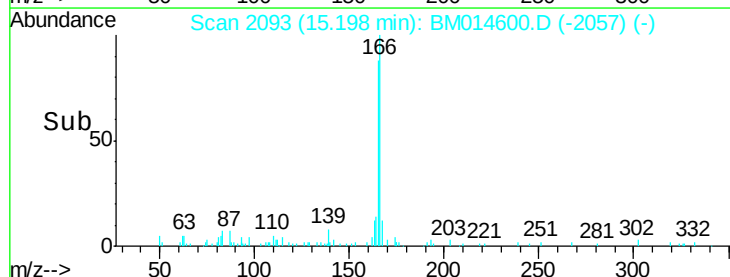
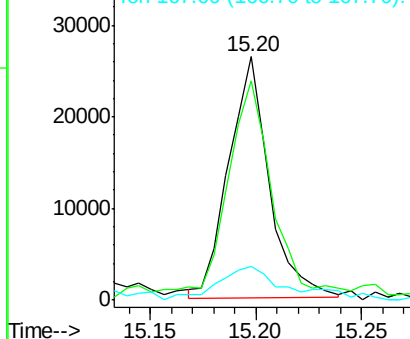
166 100

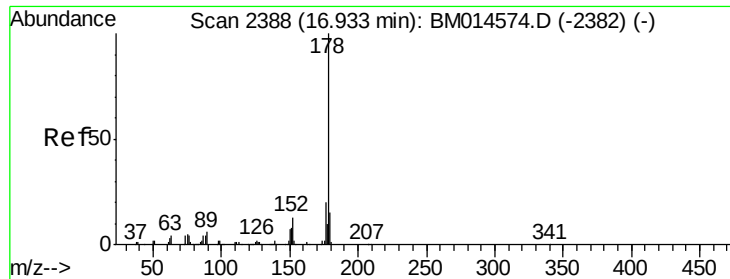
165 90.0 77.9 116.9

167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#14

Phenanthrene

Concen: 15.678 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

ClientSampleId :

BEL44

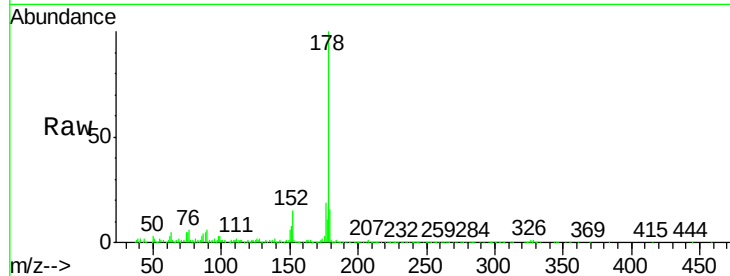
Tgt Ion:178 Resp: 410706

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

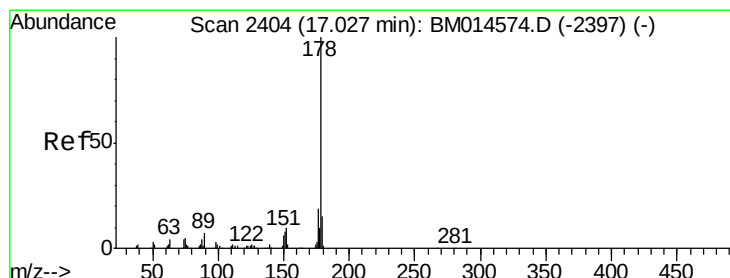
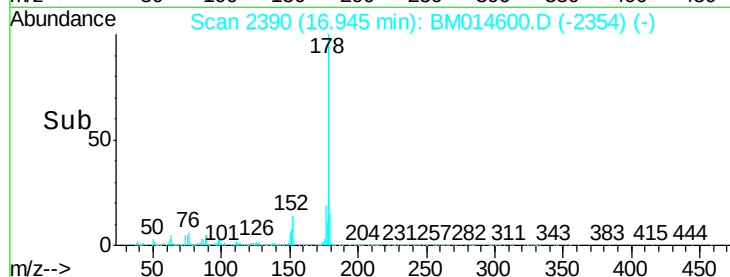
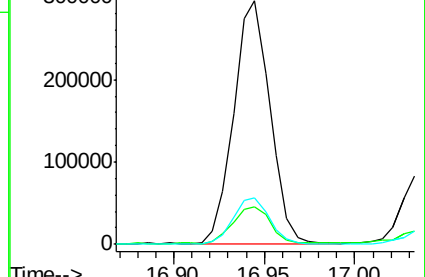
176 19.3 14.9 22.3



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: 4.758 ng/ul

RT: 17.04 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

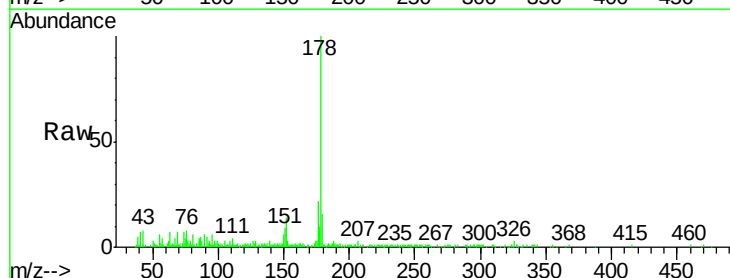
Tgt Ion:178 Resp: 124598

Ion Ratio Lower Upper

178 100

179 16.3 11.7 17.5

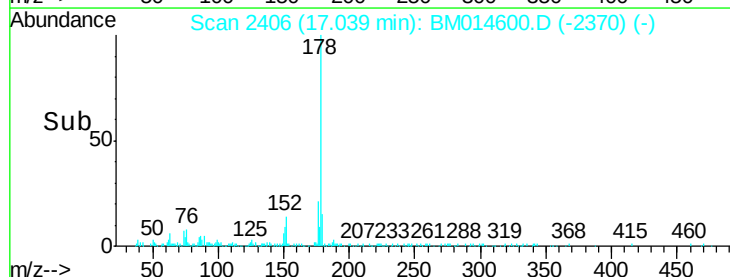
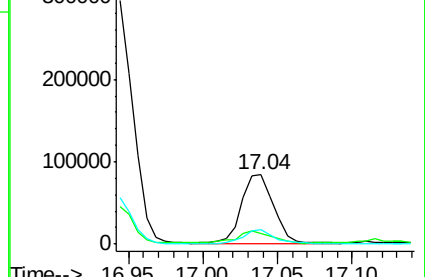
176 21.5 14.6 21.8

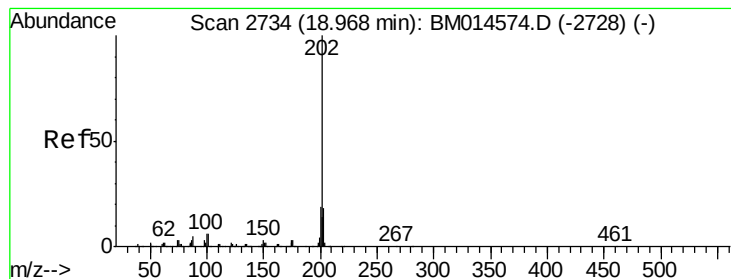


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Fluoranthene

Concen: 27.704 ng/ul

RT: 18.98 min Scan# 2736

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

ClientSampleId :

BEL44

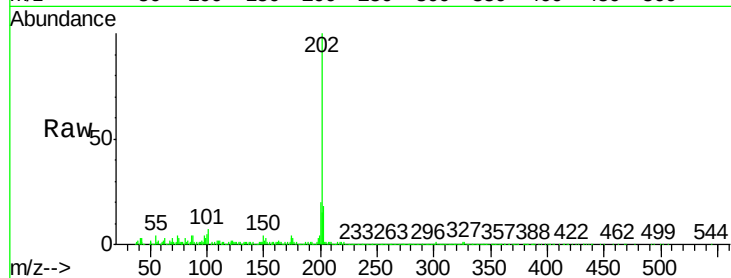
Tgt Ion:202 Resp: 823804

Ion Ratio Lower Upper

202 100

101 7.0 4.6 7.0#

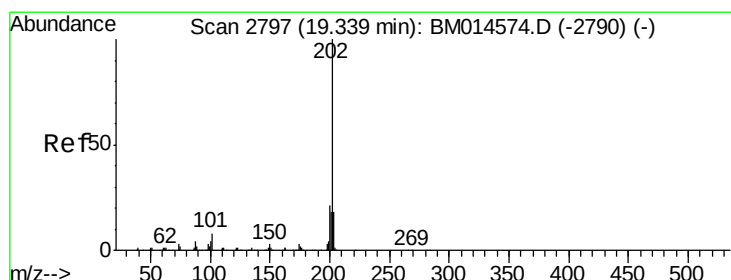
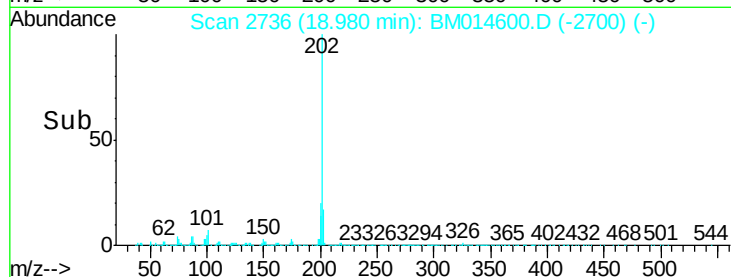
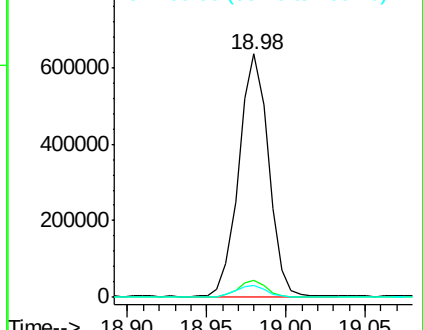
100 4.7 3.4 5.2



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



#20

Pyrene

Concen: 19.642 ng/ul

RT: 19.34 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

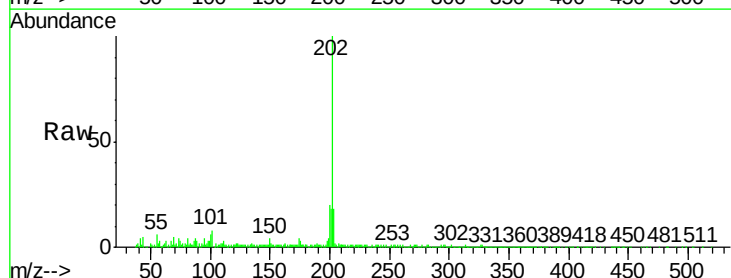
Tgt Ion:202 Resp: 686280

Ion Ratio Lower Upper

202 100

101 8.1 5.1 7.7#

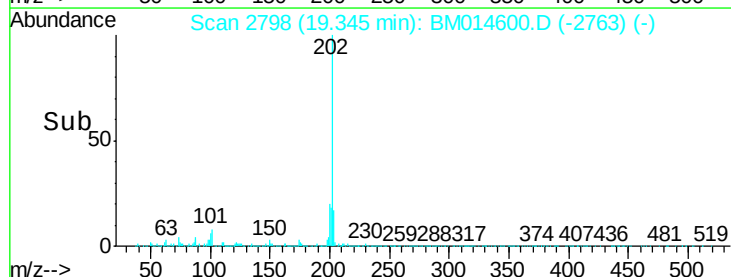
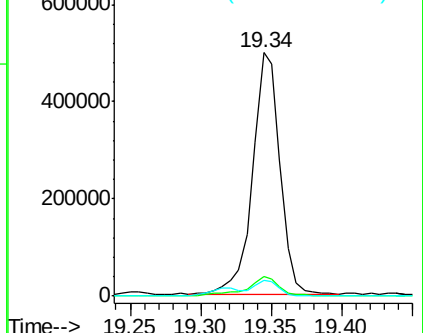
100 6.4 4.9 7.3

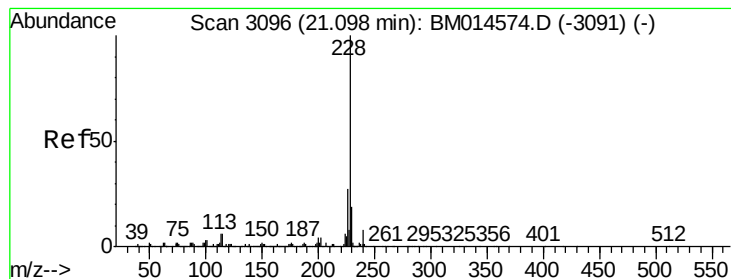


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 17.045 ng/ul

RT: 21.11 min Scan# 3099

Delta R.T. 0.02 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

ClientSampleId :

BEL44

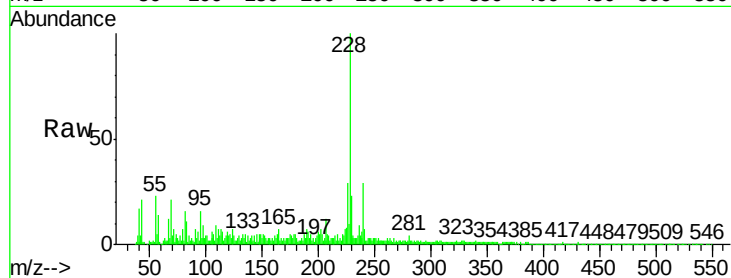
Tgt Ion:228 Resp: 500765

Ion Ratio Lower Upper

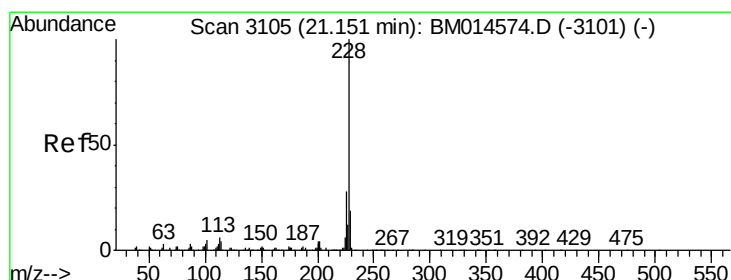
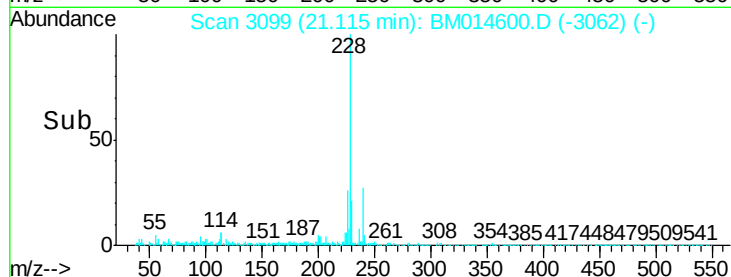
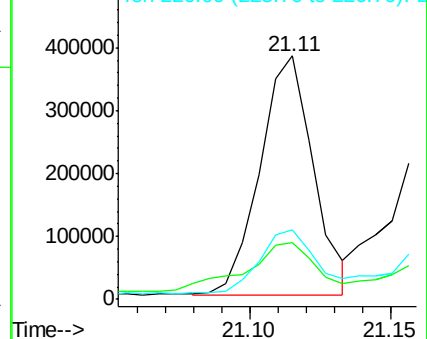
228 100

229 23.5 15.4 23.0#

226 28.5 21.4 32.0



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: 17.919 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.02 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

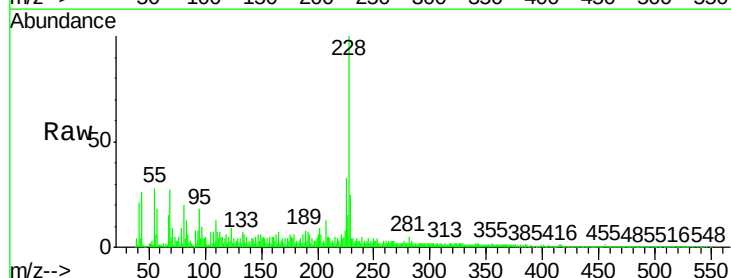
Tgt Ion:228 Resp: 484045

Ion Ratio Lower Upper

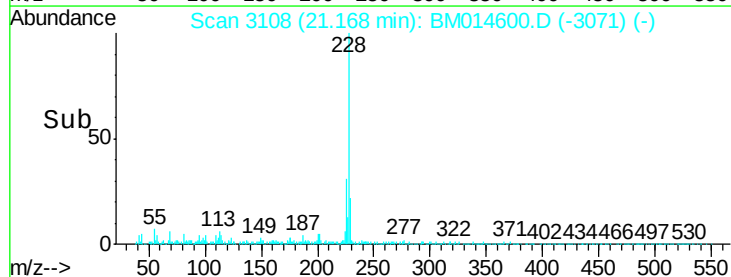
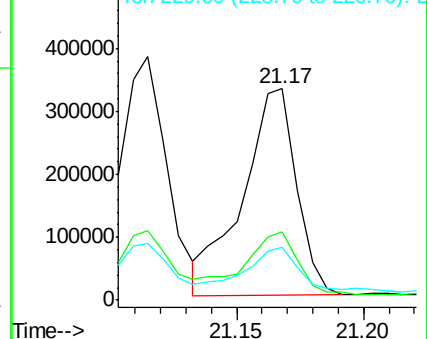
228 100

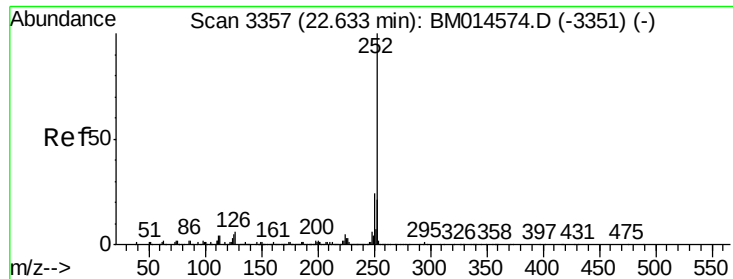
226 32.6 23.4 35.2

229 25.0 15.5 23.3#



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: 25.423 ng/ul

RT: 22.66 min Scan# 3362

Delta R.T. 0.03 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

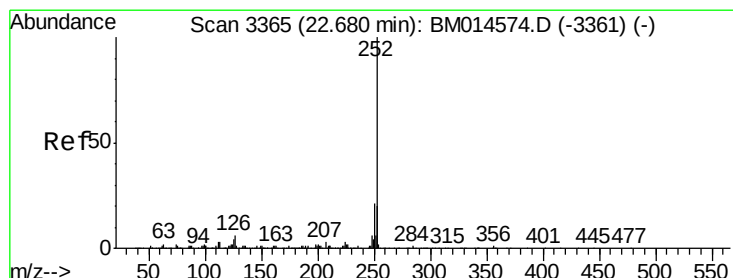
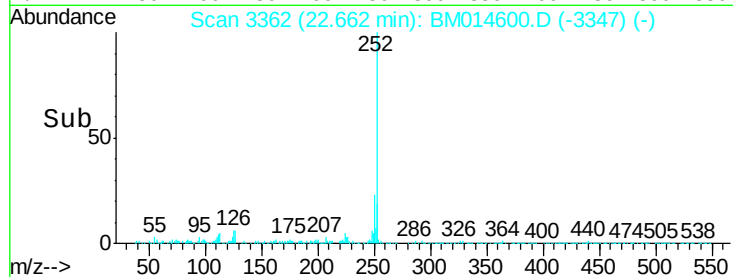
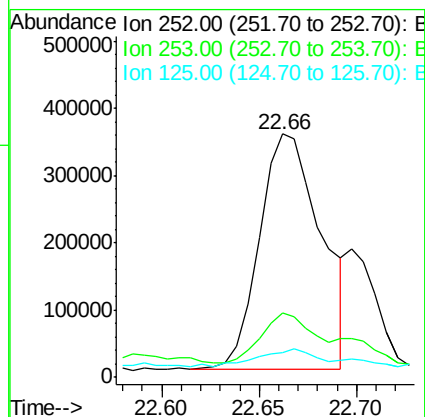
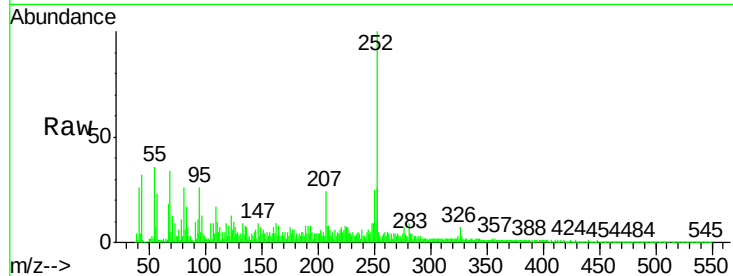
Instrument :

BNA_M

ClientSampleId :

BEL44

Tgt Ion:	252	Resp:	767535
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.9	26.9
125	10.3	3.6	5.4#



#25

Benzo(k)fluoranthene

Concen: 26.495 ng/ul

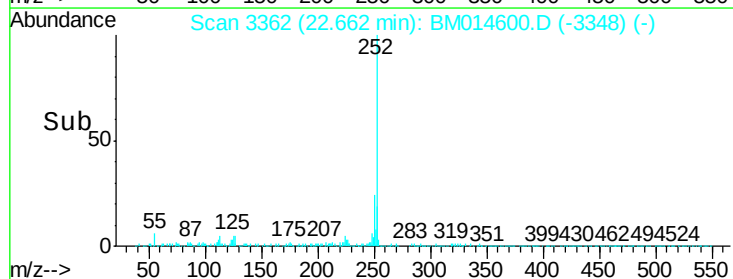
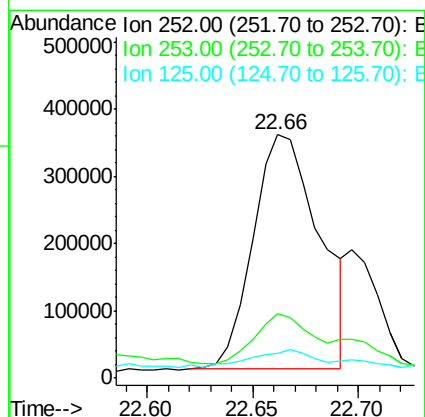
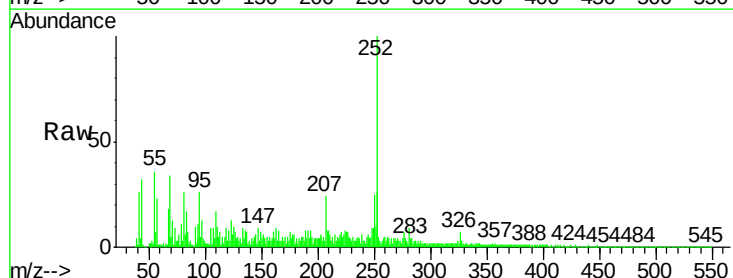
RT: 22.66 min Scan# 3362

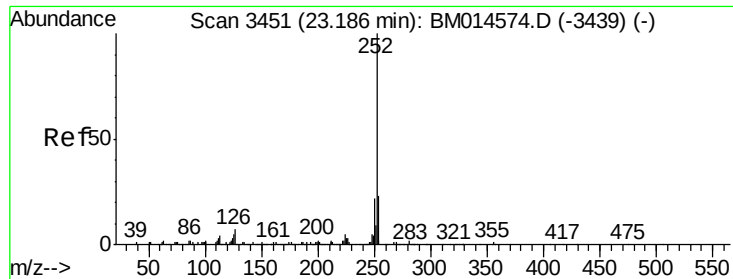
Delta R.T. -0.02 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Tgt Ion:	252	Resp:	759947
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.1	25.7#
125	10.3	3.4	5.2#





#27

Benzo(a)pyrene

Concen: 18.853 ng/ul

RT: 23.21 min Scan# 3456

Delta R.T. 0.03 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

ClientSampleId :

BEL44

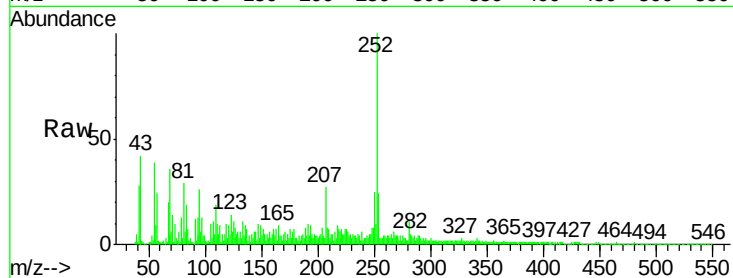
Tgt Ion:252 Resp: 540286

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

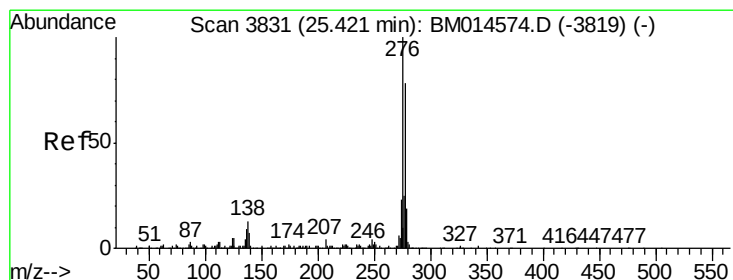
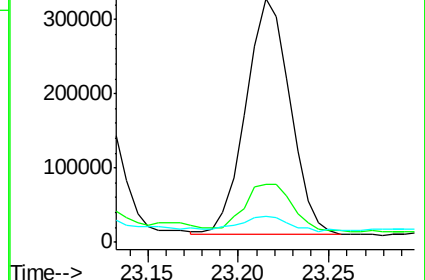
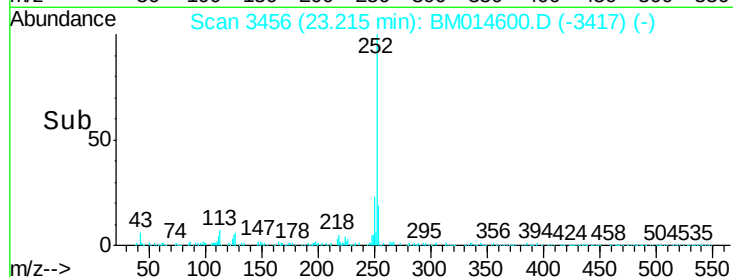
125 10.7 4.0 6.0#



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 10.645 ng/ul

RT: 25.49 min Scan# 3843

Delta R.T. 0.07 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

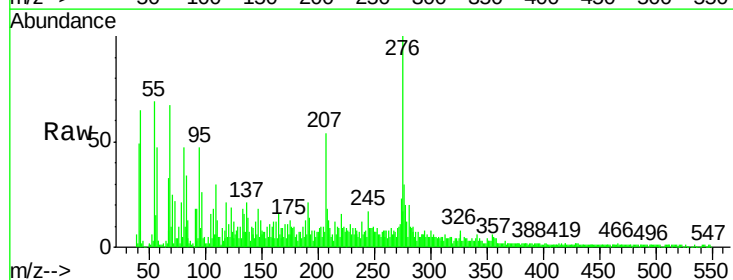
Tgt Ion:276 Resp: 351099

Ion Ratio Lower Upper

276 100

138 14.0 9.3 13.9#

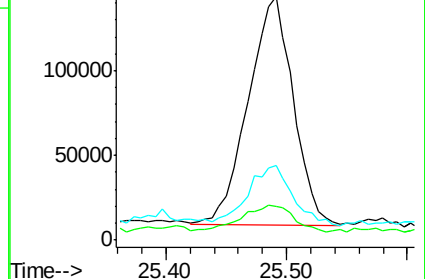
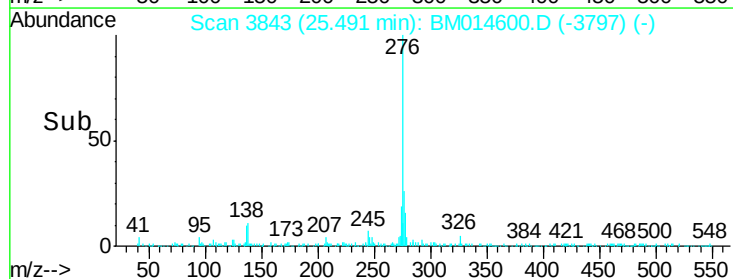
277 30.4 19.9 29.9#

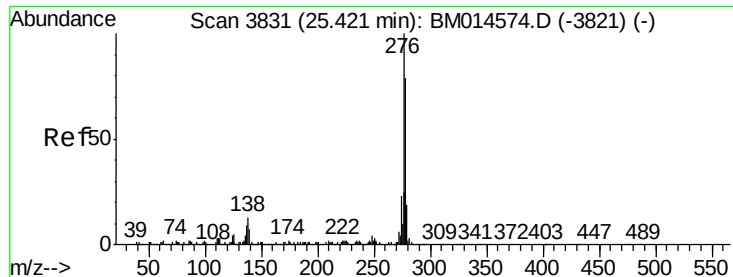


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Dibenzo(a,h)anthracene

Concen: 3.954 ng/ul

RT: 25.47 min Scan# 3840

Delta R.T. 0.05 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Instrument :

BNA_M

ClientSampleId :

BEL44

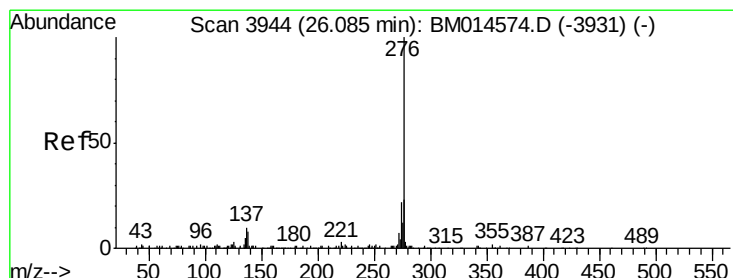
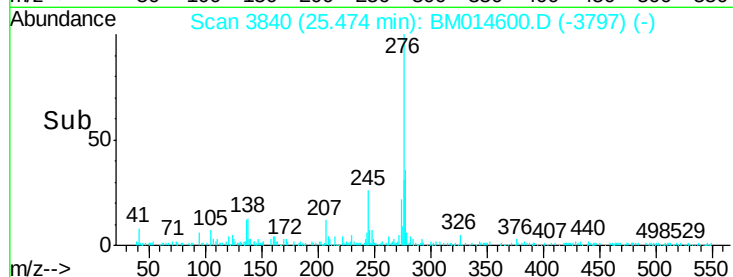
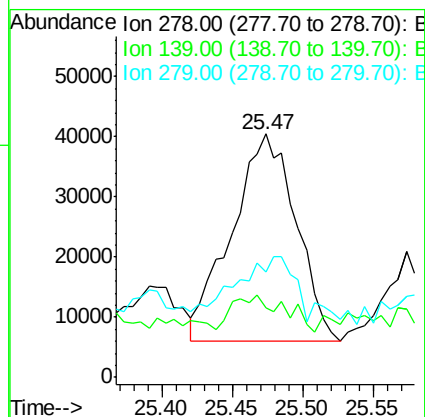
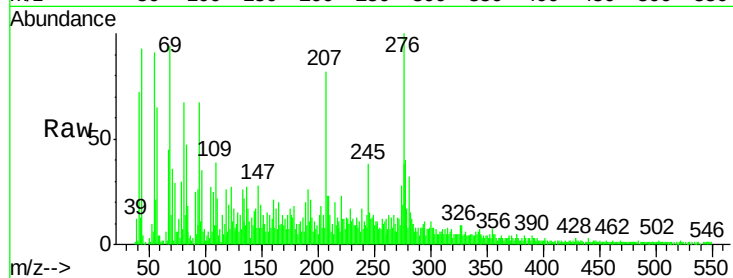
Tgt Ion:278 Resp: 109167

Ion Ratio Lower Upper

278 100

139 28.4 5.8 8.8#

279 43.0 18.6 27.8#



#30

Benzo(g,h,i)perylene

Concen: 12.344 ng/ul

RT: 26.16 min Scan# 3956

Delta R.T. 0.07 min

Lab File: BM014600.D

Acq: 16 Mar 2018 05:28

Tgt Ion:276 Resp: 324306

Ion Ratio Lower Upper

276 100

138 16.4 8.5 12.7#

277 30.6 18.6 28.0#

