

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM031518\
 Data File : BM014592.D
 Acq On : 16 Mar 2018 00:40
 Operator : SJ/JU
 Sample : J1904-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEKZ9

Quant Time: Mar 16 15:24:20 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

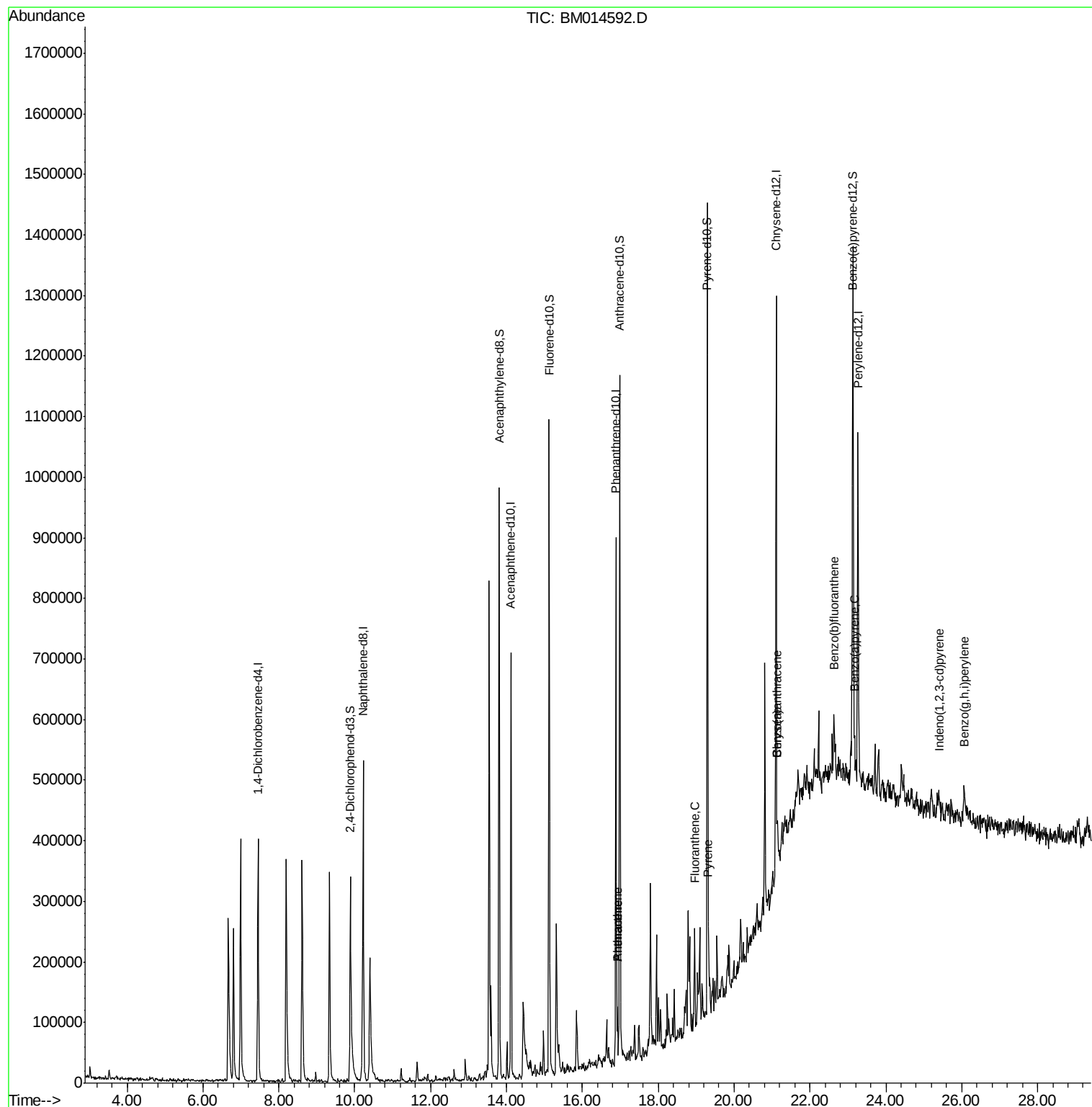
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	95507	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	376956	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	208379	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	426271	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	394667	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	373913	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.88	165	136396	23.41	ng/ul	0.00
7) Acenaphthylene-d8	13.81	160	608760	27.34	ng/ul	0.00
10) Fluorene-d10	15.13	176	392040	26.87	ng/ul	0.00
15) Anthracene-d10	16.99	188	568190	27.84	ng/ul	0.00
19) Pyrene-d10	19.30	212	607835	25.62	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.13	264	491095	27.15	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	16.93	178	44908	1.881	ng/ul	98
16) Anthracene	16.93	178	44908	1.882	ng/ul	96
17) Fluoranthene	18.96	202	75278	2.778	ng/ul#	96
20) Pyrene	19.33	202	75748	2.552	ng/ul	97
21) Benzo(a)anthracene	21.14	228	51482	2.063	ng/ul	96
22) Chrysene	21.14	228	51616	2.249	ng/ul	94
24) Benzo(b)fluoranthene	22.63	252	53802	2.289	ng/ul#	94
27) Benzo(a)pyrene	23.17	252	41070	1.841	ng/ul#	88
28) Indeno(1,2,3-cd)pyrene	25.41	276	30060	1.170	ng/ul#	95
30) Benzo(g,h,i)perylene	26.08	276	28531	1.395	ng/ul#	89

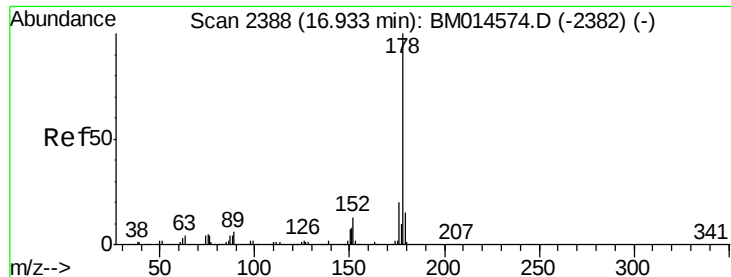
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.881 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

Instrument :

BNA_M

ClientSampleId :

BEKZ9

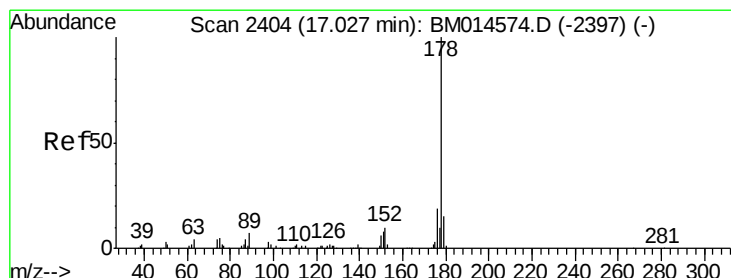
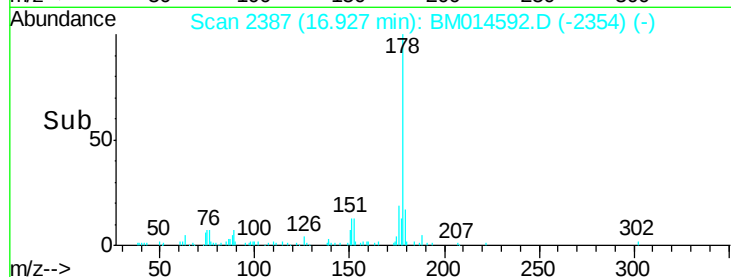
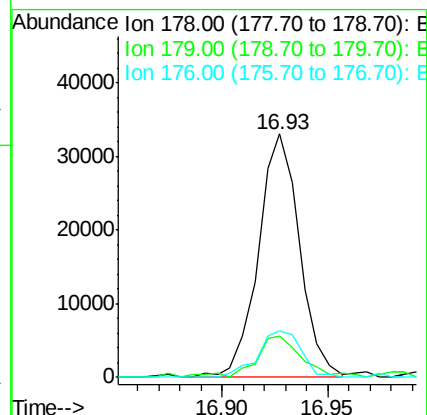
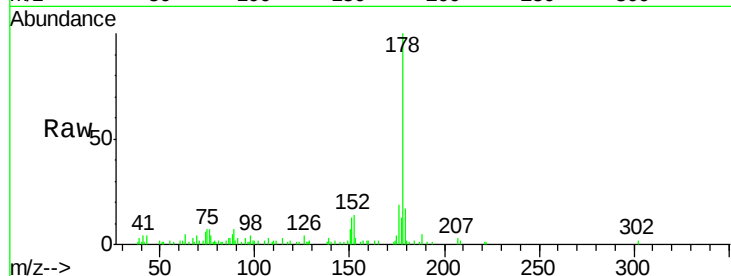
Tgt Ion:178 Resp: 44908

Ion Ratio Lower Upper

178 100

179 16.9 12.6 19.0

176 19.3 14.9 22.3



#16

Anthracene

Concen: 1.882 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.10 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

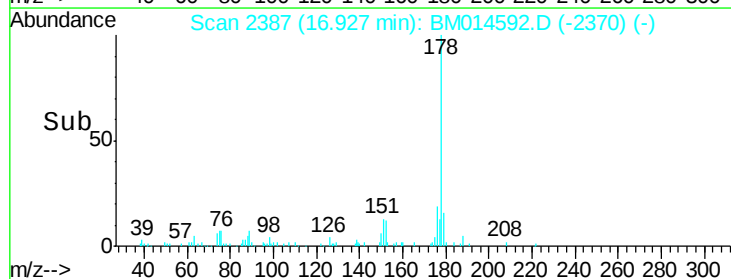
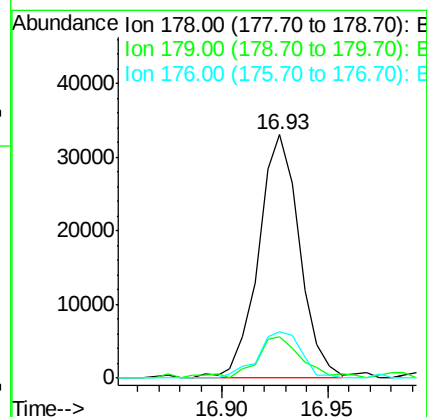
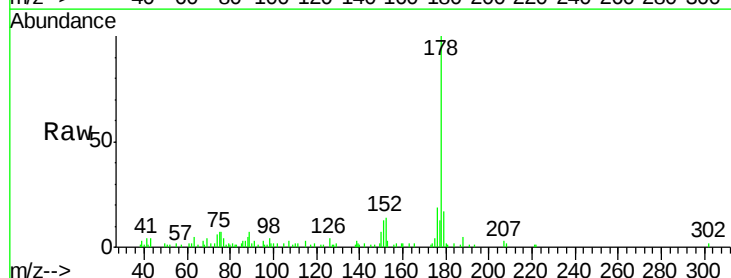
Tgt Ion:178 Resp: 44908

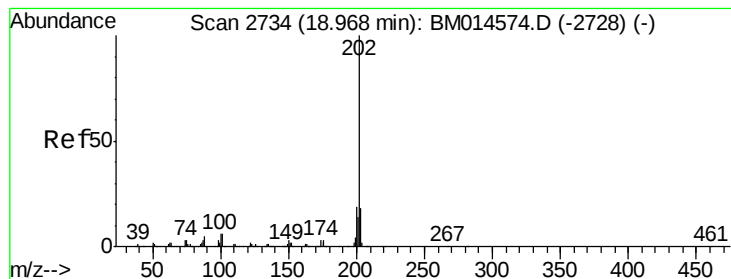
Ion Ratio Lower Upper

178 100

179 16.9 11.7 17.5

176 19.3 14.6 21.8





#17

Fluoranthene

Concen: 2.778 ng/ul

RT: 18.96 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

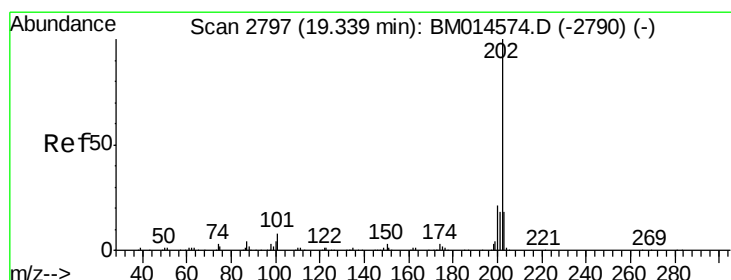
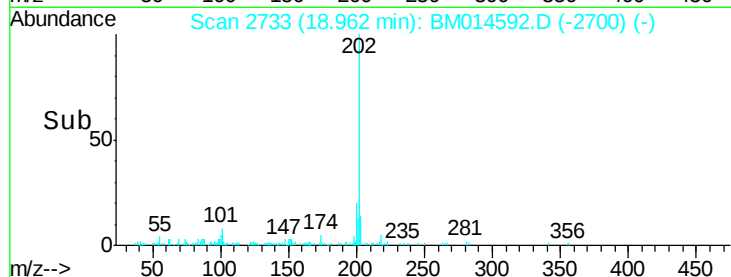
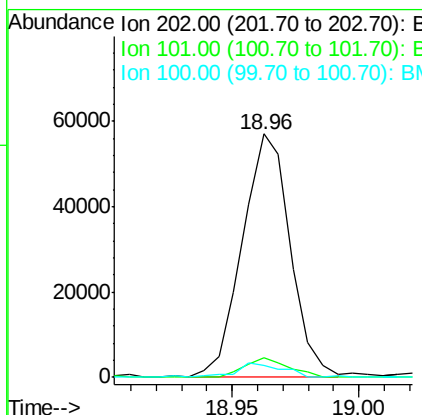
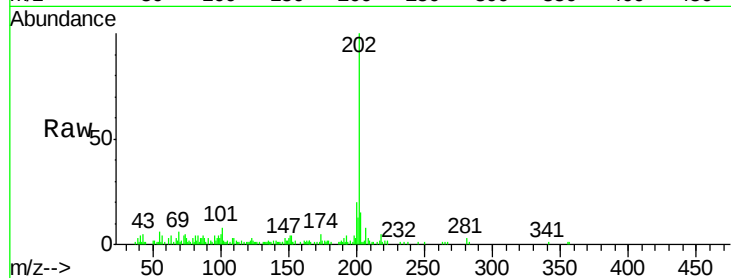
Instrument :

BNA_M

ClientSampleId :

BEKZ9

Tgt Ion:	202	Resp:	75278
Ion Ratio	Lower	Upper	
202	100		
101	8.0	4.6	7.0#
100	4.8	3.4	5.2



#20

Pyrene

Concen: 2.552 ng/ul

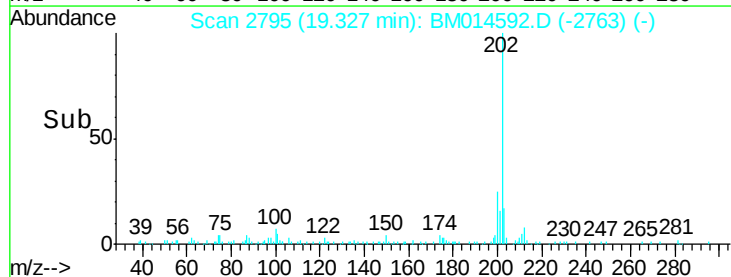
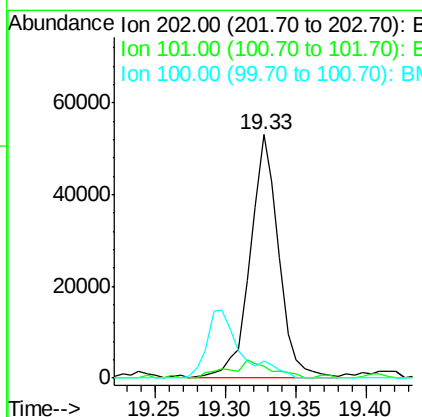
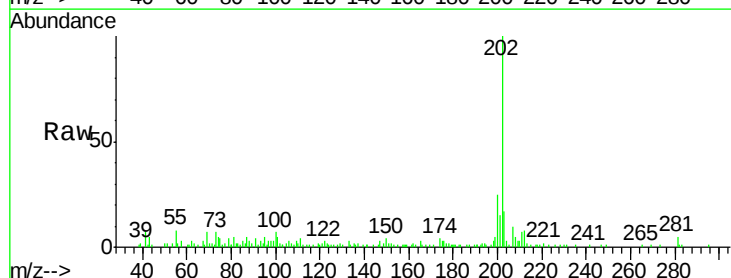
RT: 19.33 min Scan# 2795

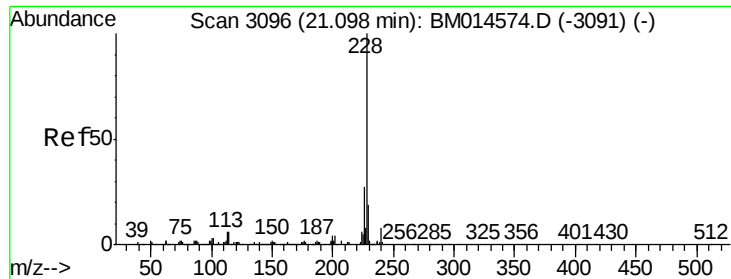
Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

Tgt Ion:	202	Resp:	75748
Ion Ratio	Lower	Upper	
202	100		
101	5.2	5.1	7.7
100	7.0	4.9	7.3

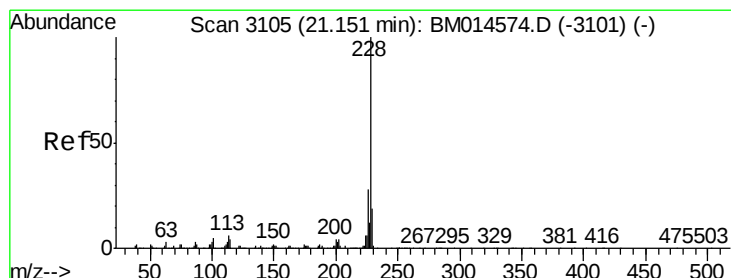
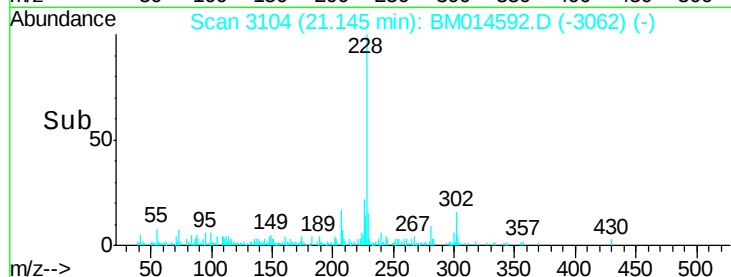
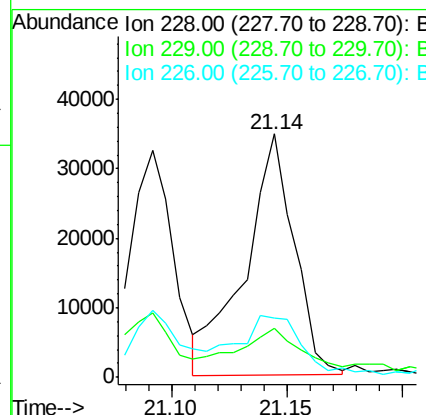
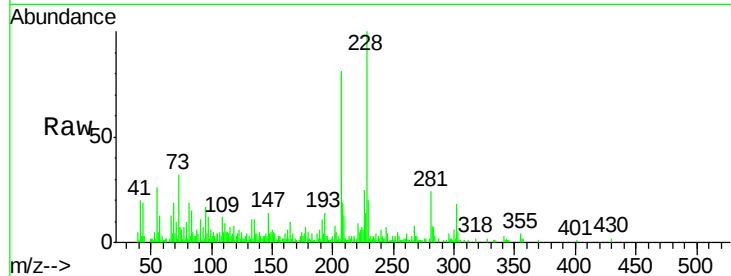




#21
Benzo(a)anthracene
Concen: 2.063 ng/ul
RT: 21.14 min Scan# 3104
Delta R.T. 0.05 min
Lab File: BM014592.D
Acq: 16 Mar 2018 00:40

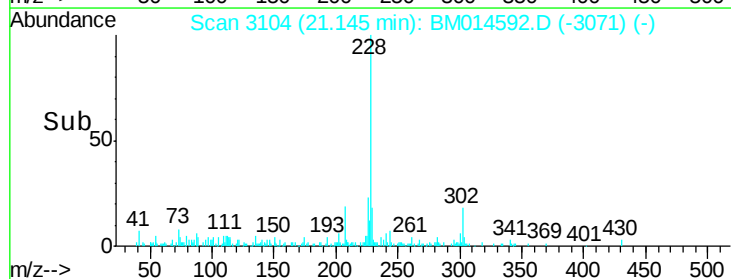
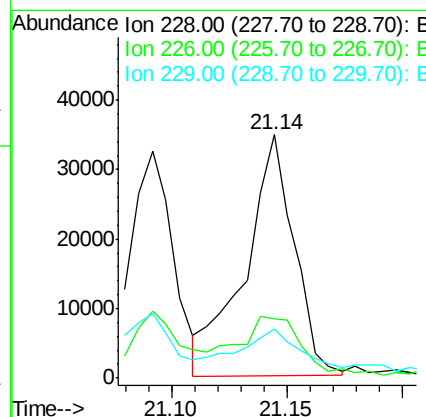
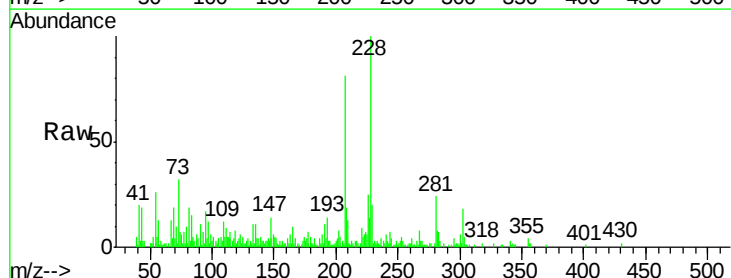
Instrument :
BNA_M
ClientSampleId :
BEKZ9

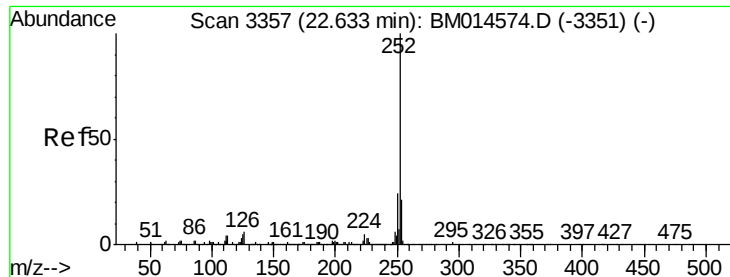
Tgt Ion:228 Resp: 51482
Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.0
226 24.5 21.4 32.0



#22
Chrysene
Concen: 2.249 ng/ul
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM014592.D
Acq: 16 Mar 2018 00:40

Tgt Ion:228 Resp: 51616
Ion Ratio Lower Upper
228 100
226 24.5 23.4 35.2
229 20.4 15.5 23.3





#24

Benzo(b)fluoranthene

Concen: 2.289 ng/ul

RT: 22.63 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

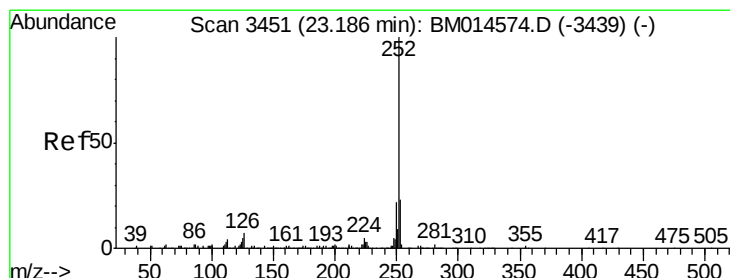
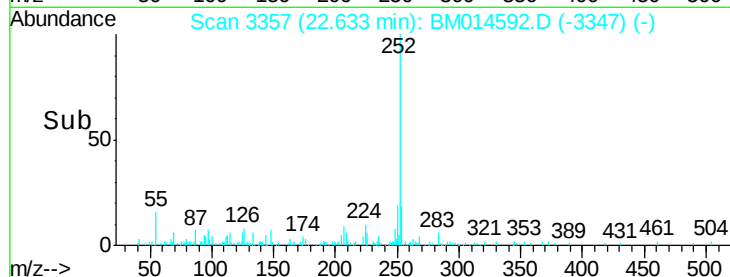
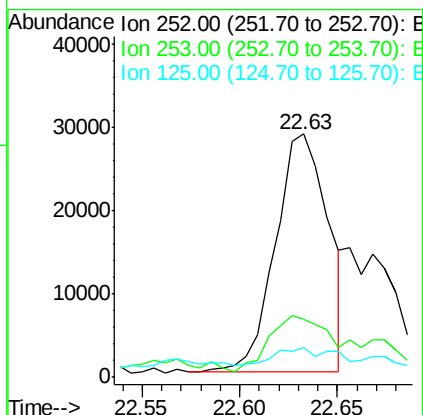
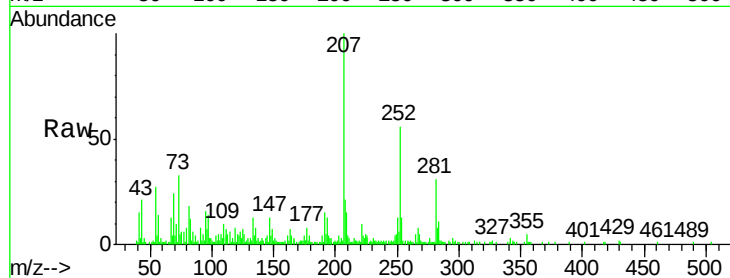
Instrument :

BNA_M

ClientSampleId :

BEKZ9

Tgt Ion:	252	Resp:	53802
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	12.4	3.6	5.4#



#27

Benzo(a)pyrene

Concen: 1.841 ng/ul

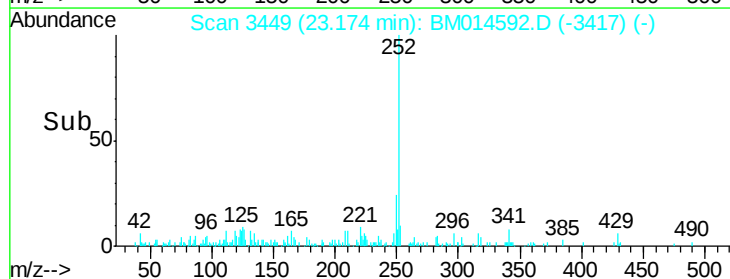
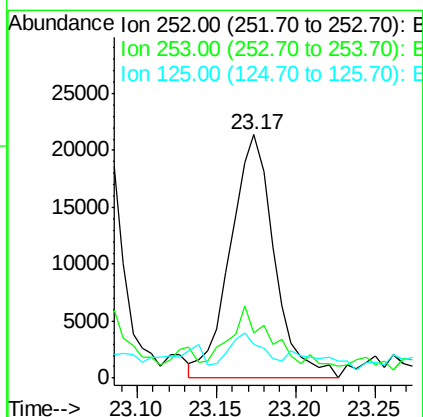
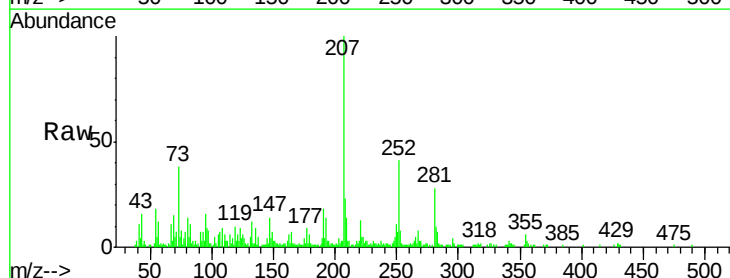
RT: 23.17 min Scan# 3449

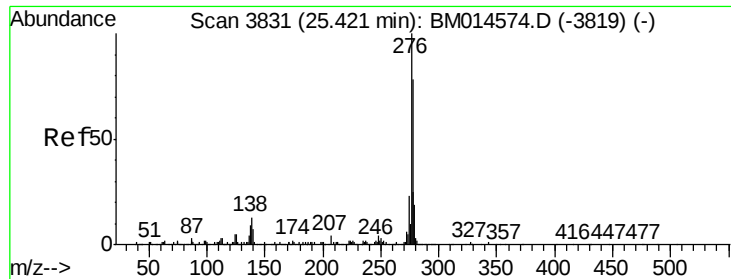
Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

Tgt Ion:	252	Resp:	41070
Ion Ratio	Lower	Upper	
252	100		
253	18.7	18.2	27.2
125	13.9	4.0	6.0#





#28

Indeno(1,2,3-cd)pyrene

Concen: 1.170 ng/ul

RT: 25.41 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

Instrument :

BNA_M

ClientSampleId :

BEKZ9

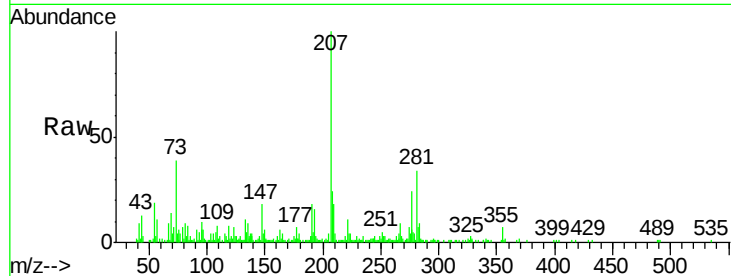
Tgt Ion:276 Resp: 30060

Ion Ratio Lower Upper

276 100

138 16.3 9.3 13.9#

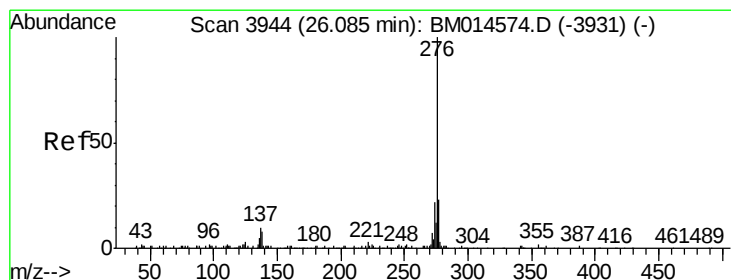
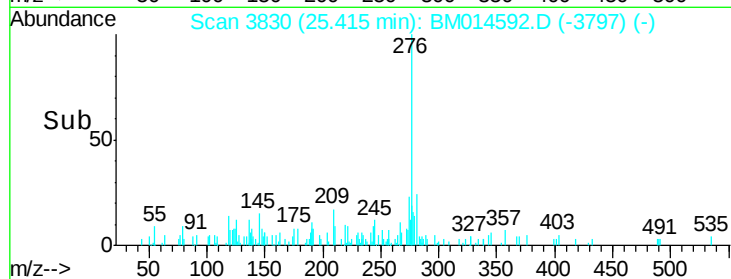
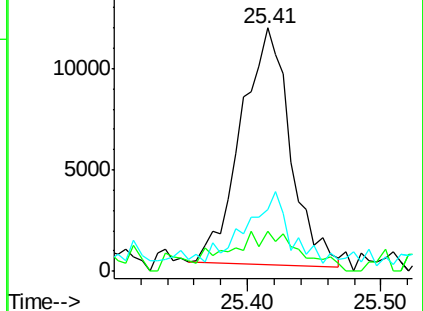
277 25.5 19.9 29.9



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



#30

Benzo(g,h,i)perylene

Concen: 1.395 ng/ul

RT: 26.08 min Scan# 3943

Delta R.T. -0.01 min

Lab File: BM014592.D

Acq: 16 Mar 2018 00:40

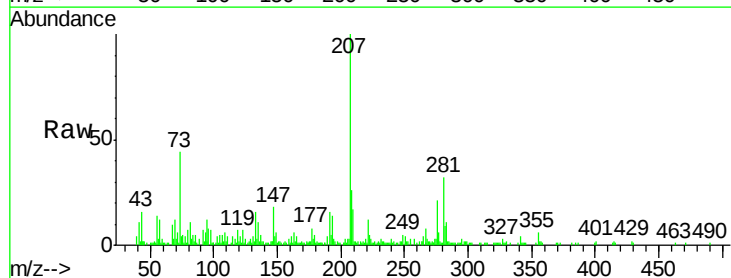
Tgt Ion:276 Resp: 28531

Ion Ratio Lower Upper

276 100

138 11.5 8.5 12.7

277 30.6 18.6 28.0#



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

