

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096069.D
 Acq On : 21 Apr 2018 8:22
 Operator : SJ/JU
 Sample : J2434-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Quant Time: Apr 23 01:09:56 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

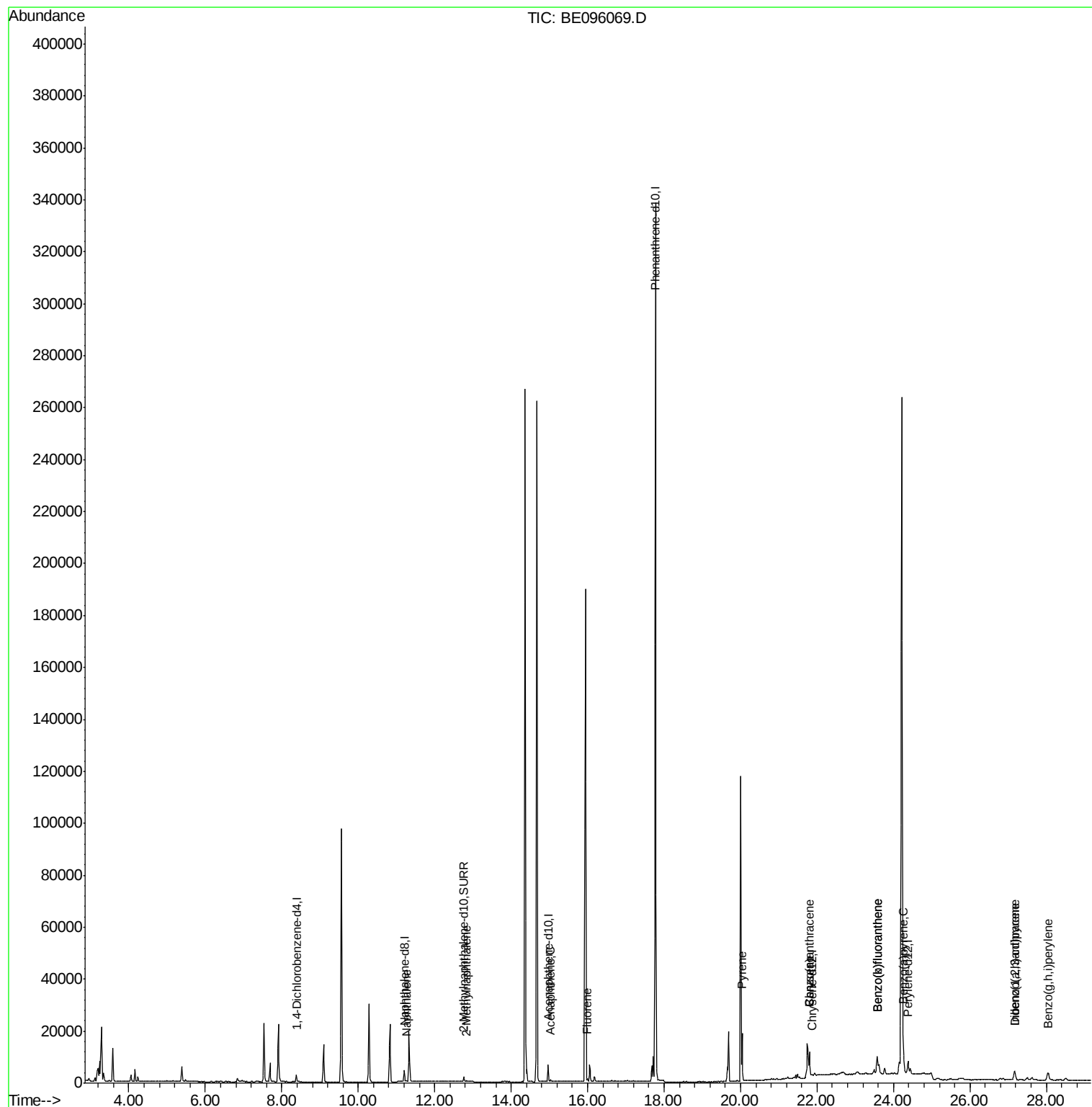
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2151	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5907	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3490	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	401051	0.40	ng/ul	0.10
16) Chrysene-d12	21.87	240	35	0.40	ng/ul	0.10
20) Perylene-d12	24.38	264	8634	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2457	0.22	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	633	0.038	ng/ul#	71
5) 2-Methylnaphthalene	12.83	142	363	0.032	ng/ul	97
8) Acenaphthene	15.03	153	506	0.039	ng/ul#	92
9) Fluorene	16.00	166	584	0.040	ng/ul#	82
17) Pyrene	20.04	202	19276	162.077	ng/ul#	79
18) Benzo(a)anthracene	21.80	228	9536	67.440	ng/ul#	85
19) Chrysene	21.80	228	9508	93.428	ng/ul	94
21) Benzo(b)fluoranthene	23.57	252	17281	0.619	ng/ul	97
22) Benzo(k)fluoranthene	23.57	252	17281	0.621	ng/ul	98
23) Benzo(a)pyrene	24.26	252	9664	0.358	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	27.17	276	6446	0.215	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	1884	0.078	ng/ul#	52
26) Benzo(g,h,i)perylene	28.04	276	7415	0.296	ng/ul#	93

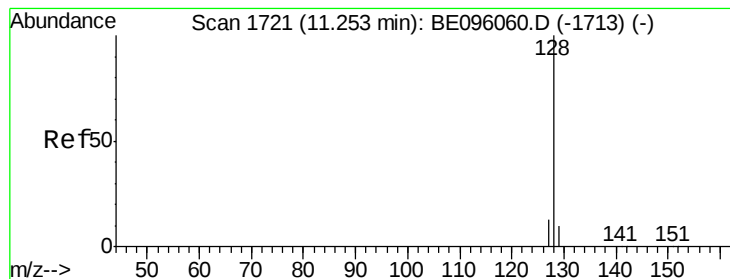
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.038 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

ClientSampleId :

C0AB9

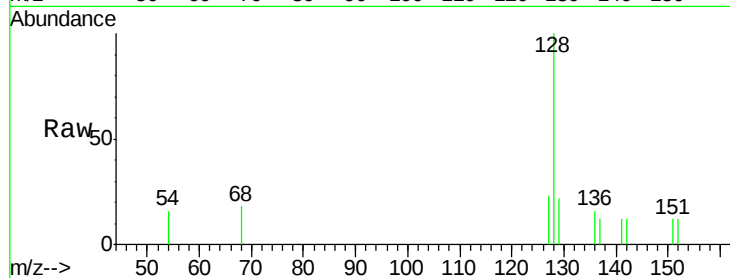
Tot Ion:128 Resp: 633

Ion Ratio Lower Upper

128 100

129 22.2 11.3 16.9#

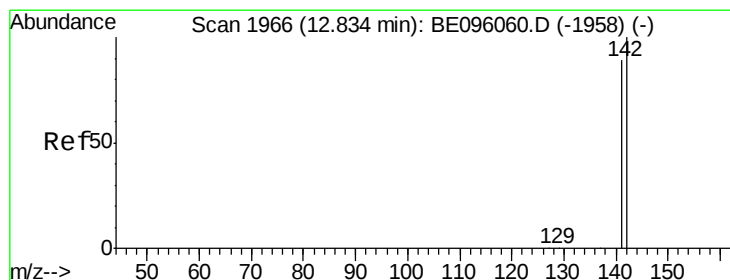
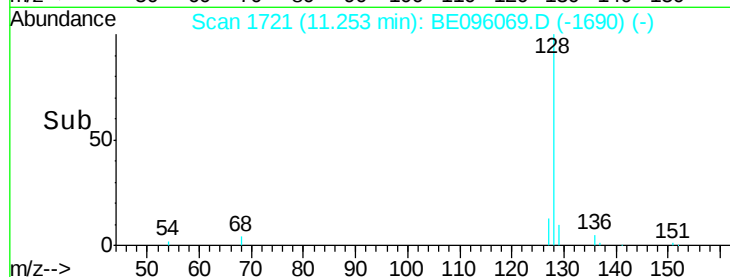
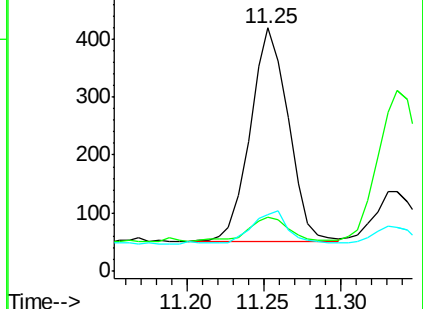
127 23.2 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE096069.D

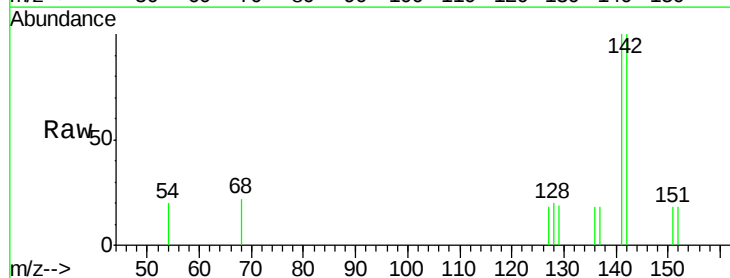
Acq: 21 Apr 2018 8:22

Tgt Ion:142 Resp: 363

Ion Ratio Lower Upper

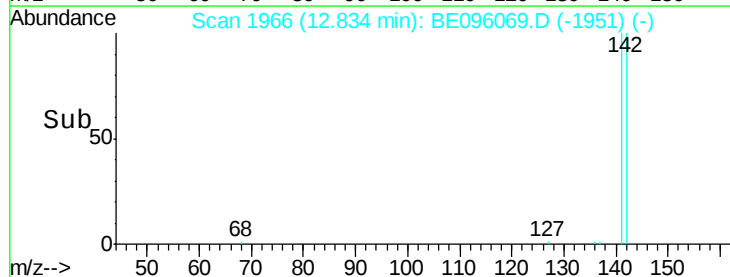
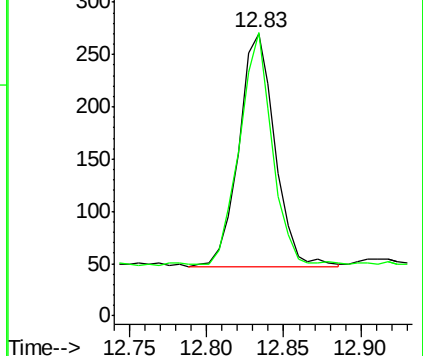
142 100

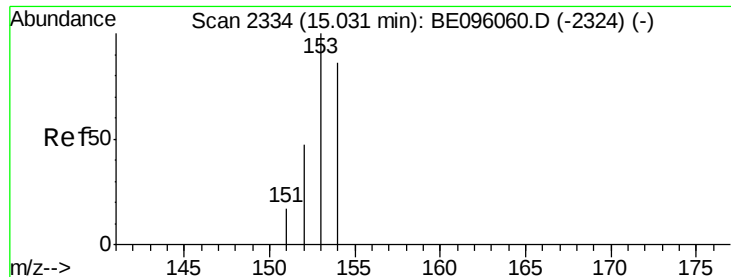
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

ClientSampleId :

C0AB9

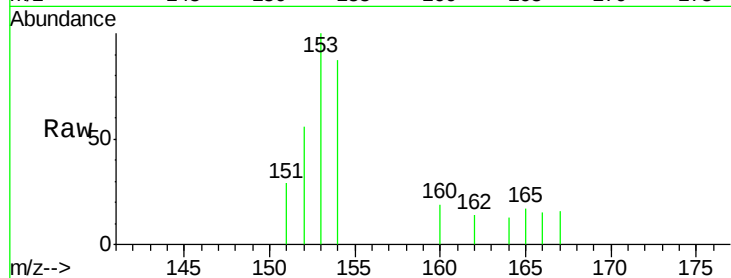
Tot Ion:153 Resp: 506

Ion Ratio Lower Upper

153 100

152 55.7 36.0 54.0#

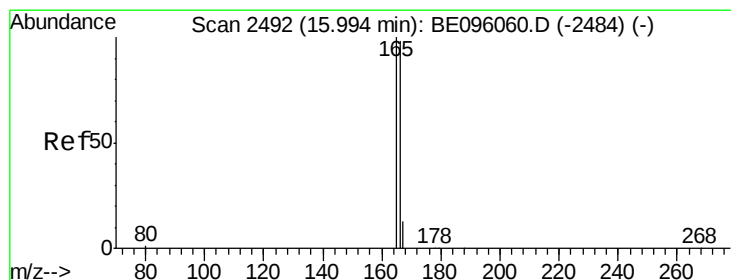
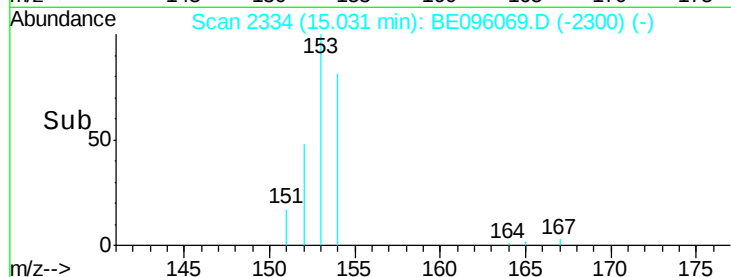
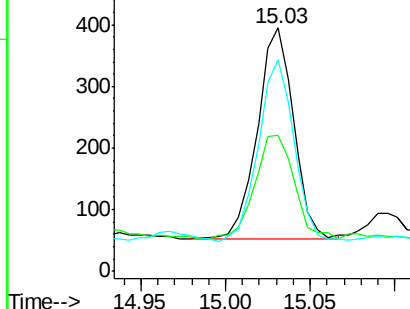
154 86.8 72.0 108.0



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



#9

Fluorene

Concen: 0.040 ng/ul

RT: 16.00 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

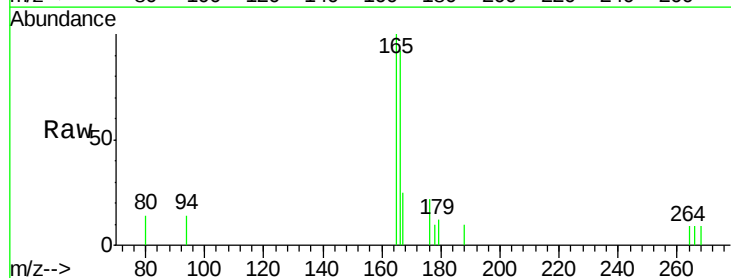
Tgt Ion:166 Resp: 584

Ion Ratio Lower Upper

166 100

165 108.2 73.4 110.2

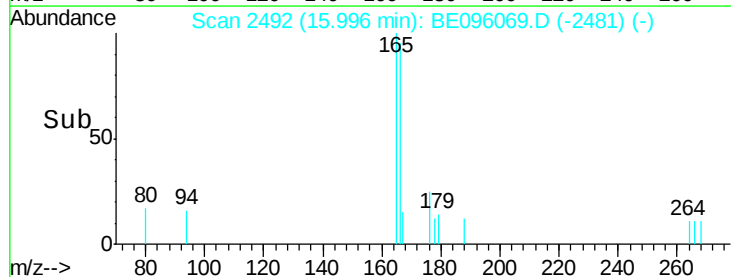
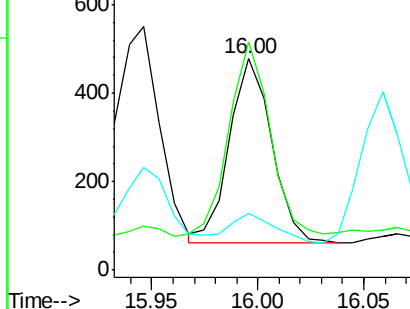
167 27.0 14.6 22.0#

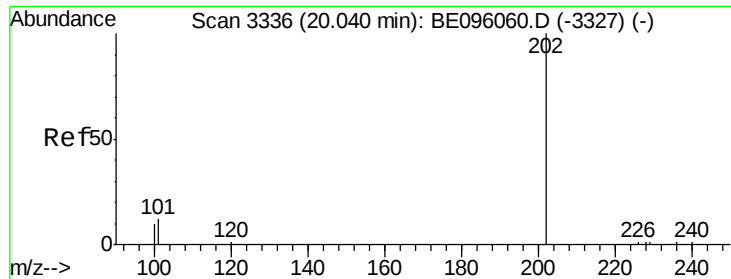


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 162.077 ng/ul

RT: 20.04 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

ClientSampleId :

C0AB9

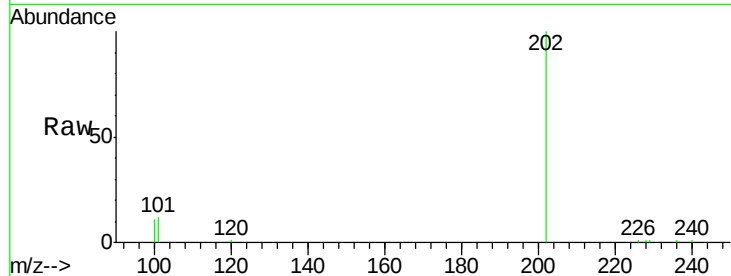
Tot Ion:202 Resp: 19276

Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

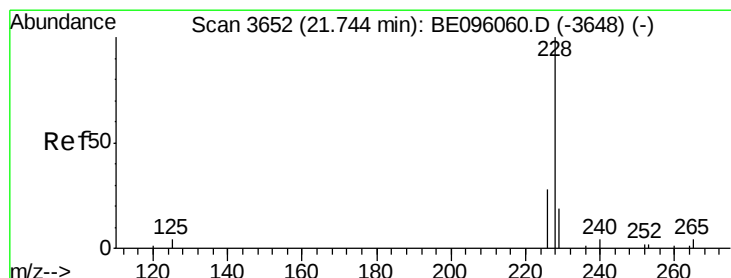
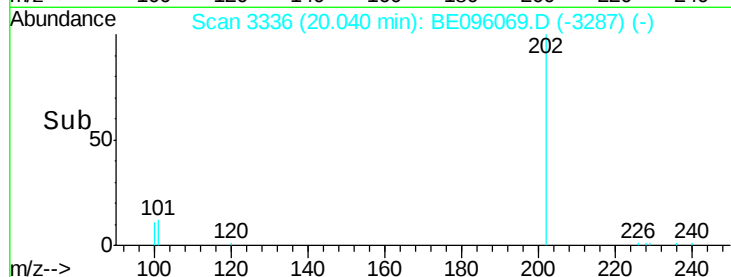
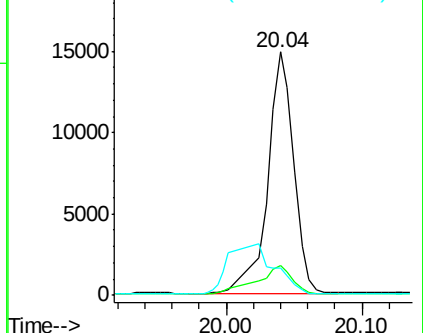
100 11.0 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 67.440 ng/ul

RT: 21.80 min Scan# 3660

Delta R.T. 0.06 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

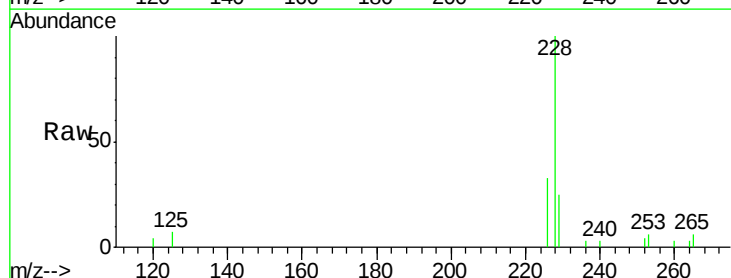
Tgt Ion:228 Resp: 9536

Ion Ratio Lower Upper

228 100

229 24.7 22.8 34.2

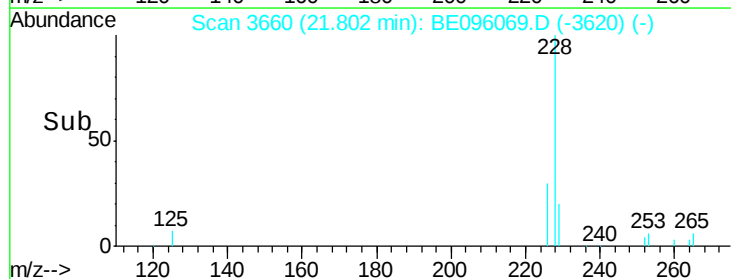
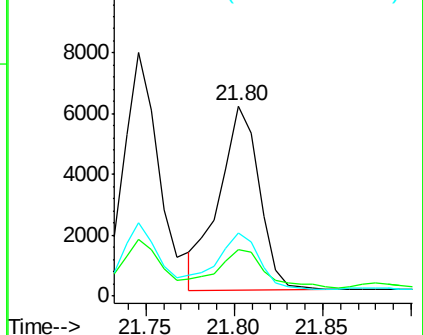
226 33.0 17.0 25.6#

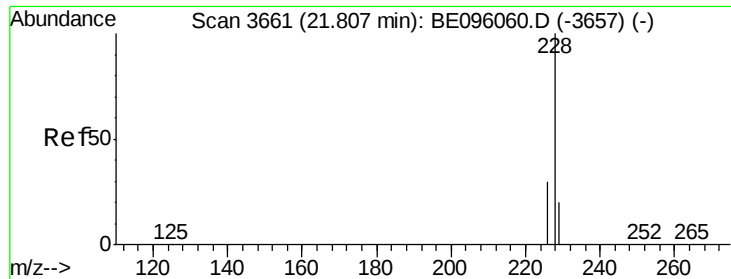


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 93.428 ng/ul

RT: 21.80 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

ClientSampleId :

C0AB9

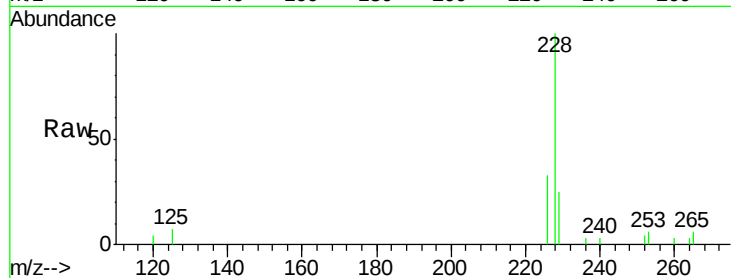
Tot Ion:228 Resp: 9508

Ion Ratio Lower Upper

228 100

226 33.0 23.4 35.0

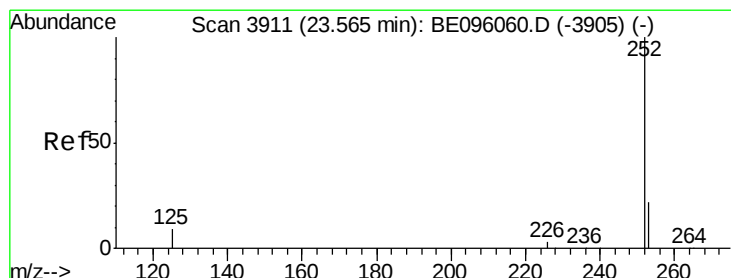
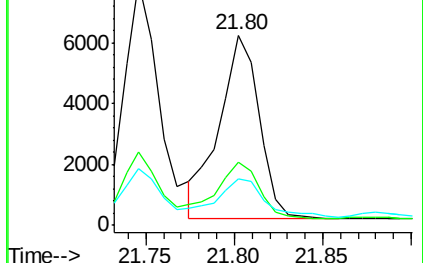
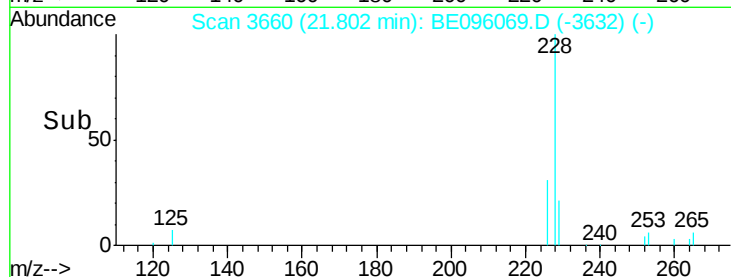
229 24.7 17.7 26.5



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



#21

Benzo(b)fluoranthene

Concen: 0.619 ng/ul

RT: 23.57 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

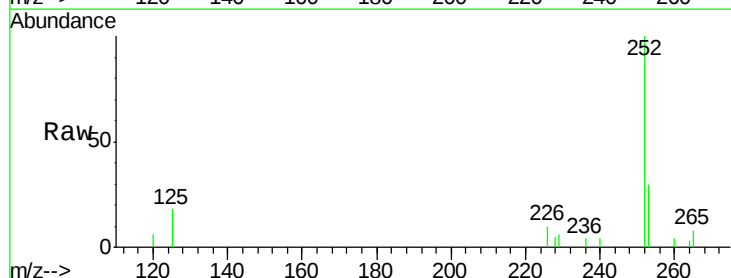
Tgt Ion:252 Resp: 17281

Ion Ratio Lower Upper

252 100

253 29.8 0.0 64.2

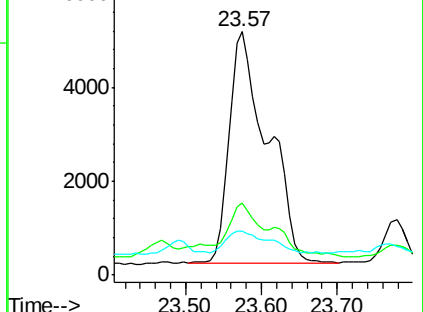
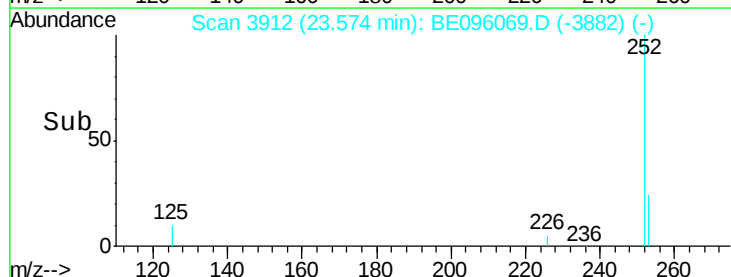
125 18.2 0.0 35.0

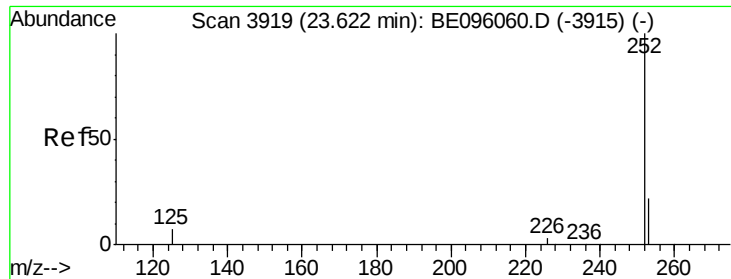


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.621 ng/ul

RT: 23.57 min Scan# 3912

Delta R.T. -0.05 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

ClientSampleId :

C0AB9

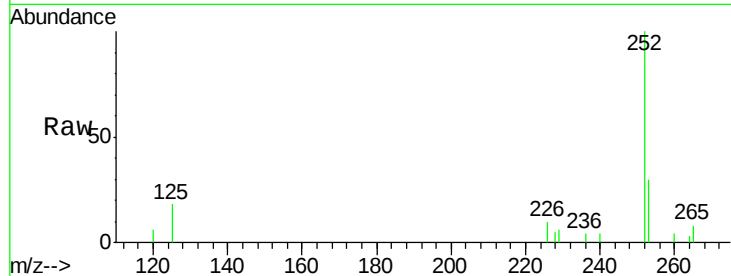
Tot Ion:252 Resp: 17281

Ion Ratio Lower Upper

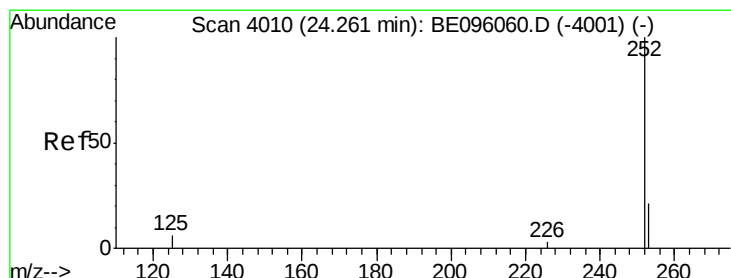
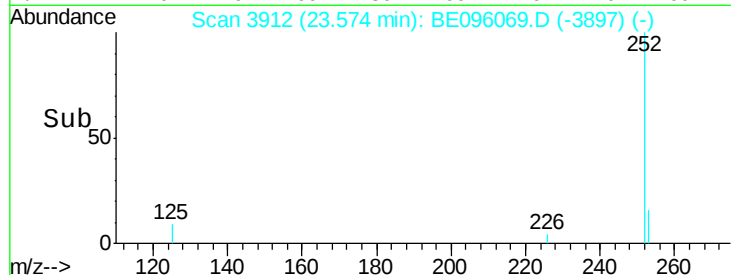
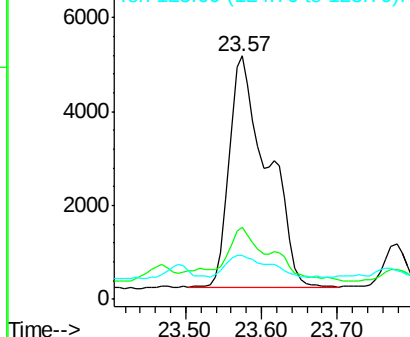
252 100

253 29.8 24.5 36.7

125 18.2 13.7 20.5



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



#23

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 24.26 min Scan# 4010

Delta R.T. 0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

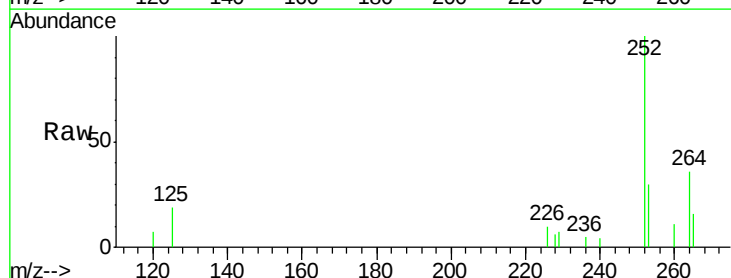
Tgt Ion:252 Resp: 9664

Ion Ratio Lower Upper

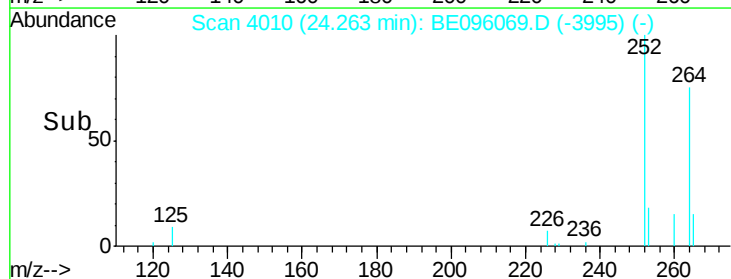
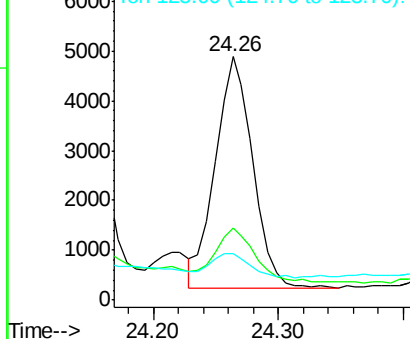
252 100

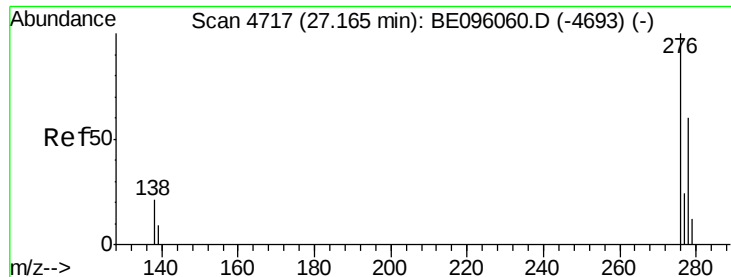
253 29.6 28.5 42.7

125 19.3 18.1 27.1



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



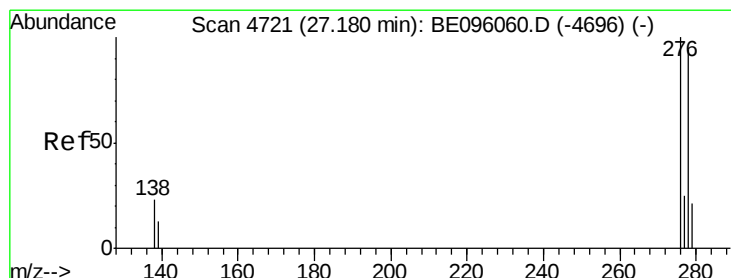
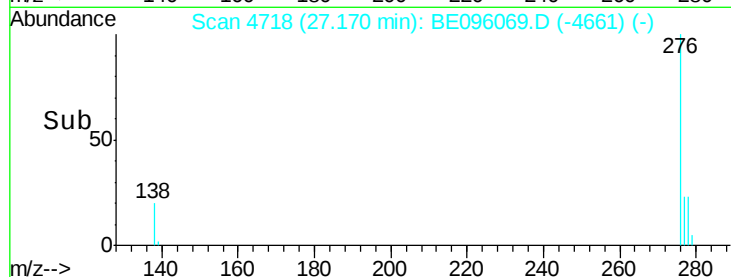
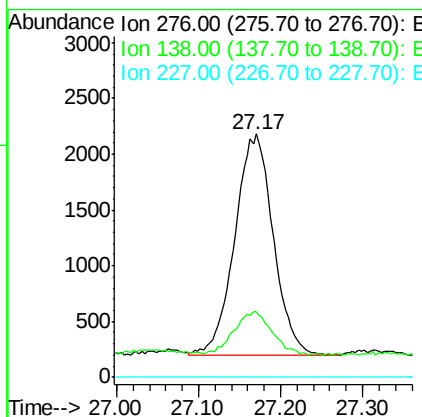
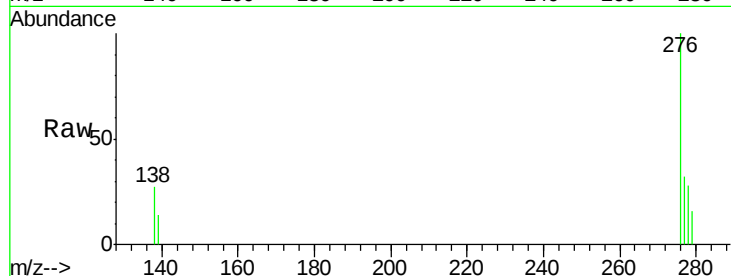


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

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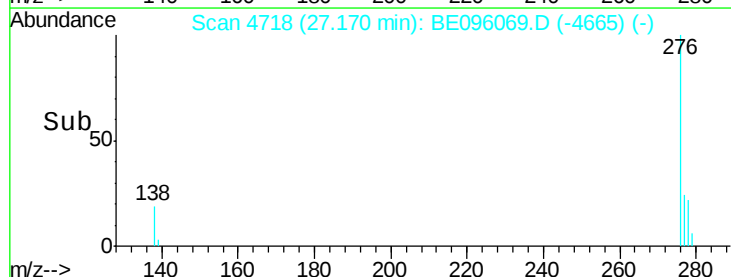
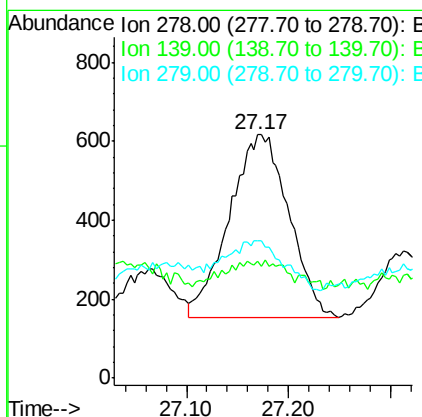
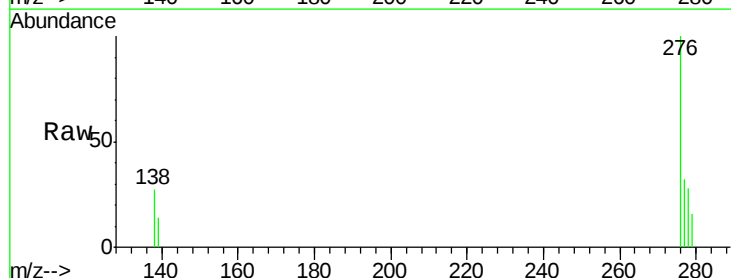
Tot Ion:276 Resp: 6446
Ion Ratio Lower Upper
276 100
138 19.9 28.0 42.0#
227 0.0 8.0 12.0#

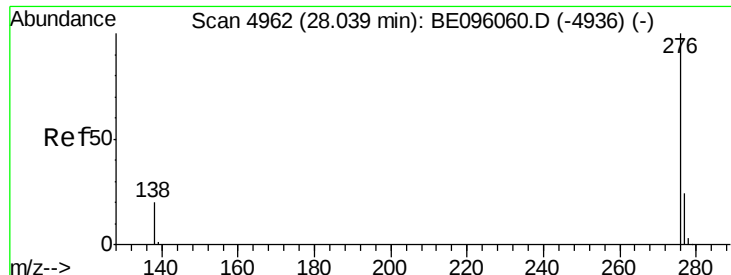


#25

Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. -0.01 min
Lab File: BE096069.D
Acq: 21 Apr 2018 8:22

Tgt Ion:278 Resp: 1884
Ion Ratio Lower Upper
278 100
139 47.8 17.4 26.0#
279 56.2 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.296 ng/ul

RT: 28.04 min Scan# 4963

Delta R.T. 0.00 min

Lab File: BE096069.D

Acq: 21 Apr 2018 8:22

Instrument :

BNA_E

ClientSampleId :

C0AB9

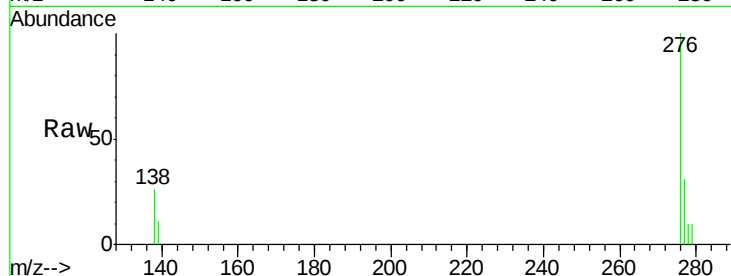
Tot Ion: 276 Resp: 7415

Ion Ratio Lower Upper

276 100

138 25.7 21.8 32.8

277 31.1 20.5 30.7#



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

