

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096337.D
 Acq On : 3 May 2018 23:43
 Operator : SJ/JU
 Sample : J2440-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 04 01:56:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 04 01:53:25 2018
 Response via : Initial Calibration

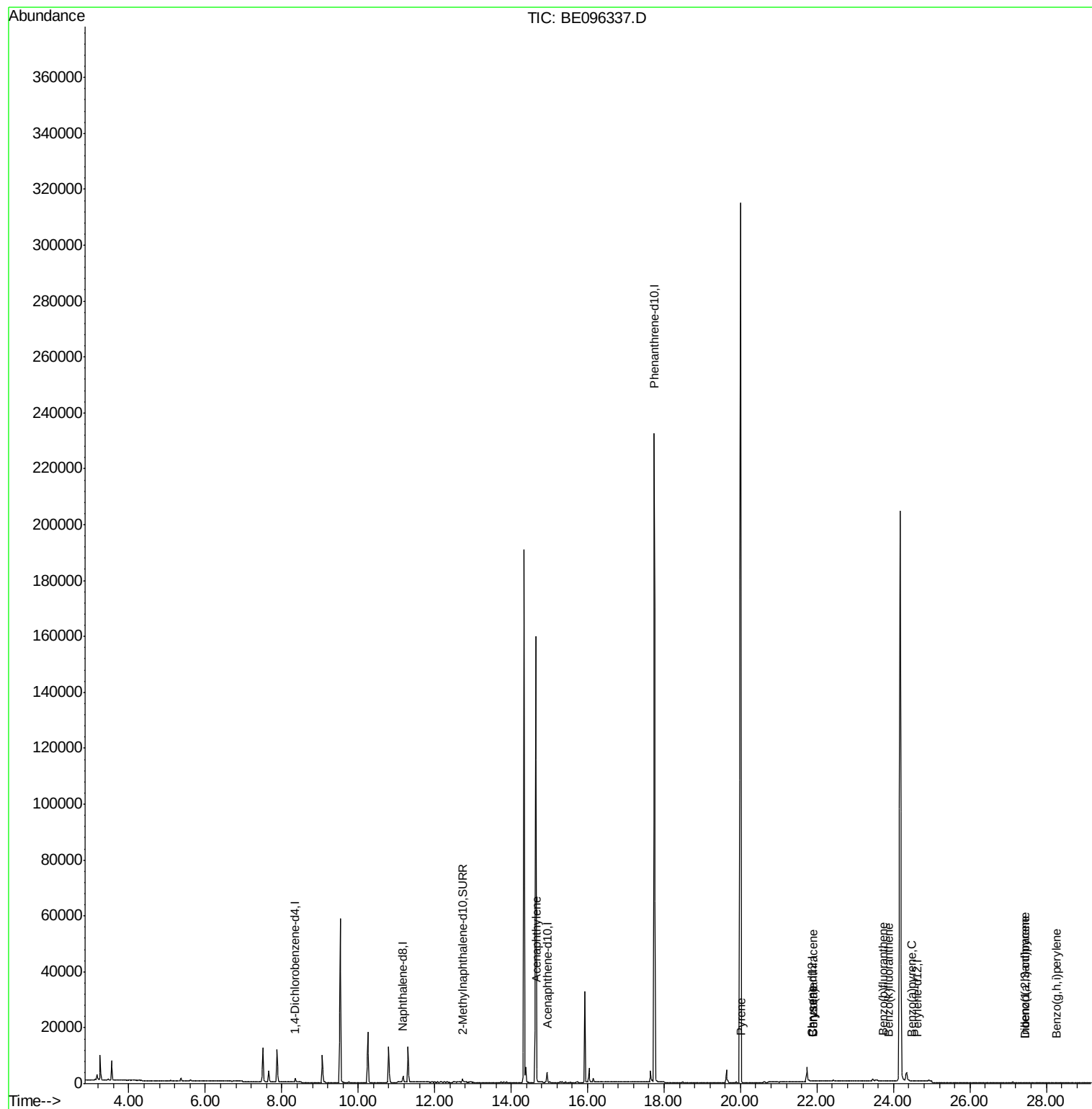
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	691	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3054	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1953	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	275541	0.40	ng/ul	0.10
16) Chrysene-d12	21.87	240	3	0.40	ng/ul	0.13
20) Perylene-d12	24.61	264	16	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1566	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
7) Acenaphthylene	14.67	152	208	0.021	ng/ul#	34
17) Pyrene	20.02	202	1022	302.853	ng/ul#	93
18) Benzo(a)anthracene	21.91	228	54	11.523	ng/ul#	1
19) Chrysene	21.91	228	54	6.028	ng/ul#	1
21) Benzo(b)fluoranthene	23.74	252	211	3.854	ng/ul#	1
22) Benzo(k)fluoranthene	23.88	252	12	0.227	ng/ul#	1
23) Benzo(a)pyrene	24.49	252	5	0.097	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.44	276	16	0.282	ng/ul#	91
25) Dibenzo(a,h)anthracene	27.44	278	69	1.486	ng/ul#	1
26) Benzo(g,h,i)perylene	28.28	276	3	0.063	ng/ul#	1

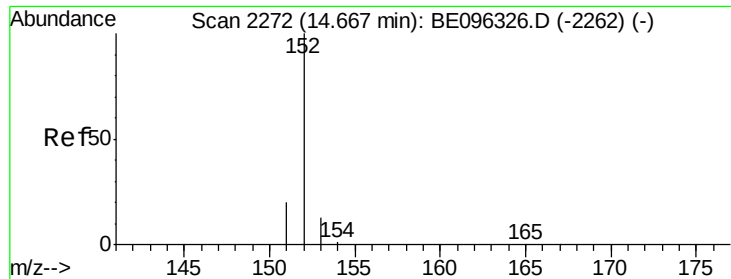
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.67 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE096337.D

Acq: 3 May 2018 23:43

Instrument :

BNA_E

ClientSampleId :

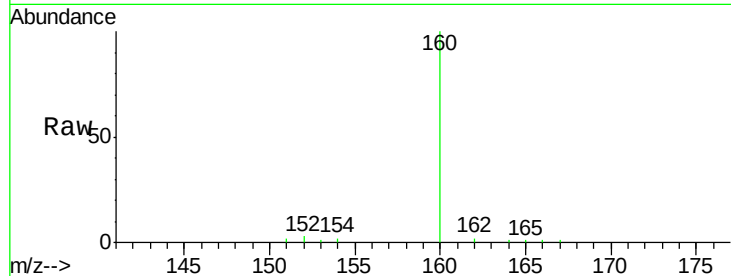
Tot Ion:152 Resp: 208

Ion Ratio Lower Upper

152 100

151 49.3 17.1 25.7#

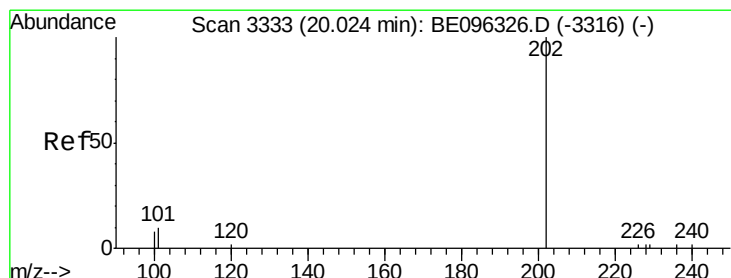
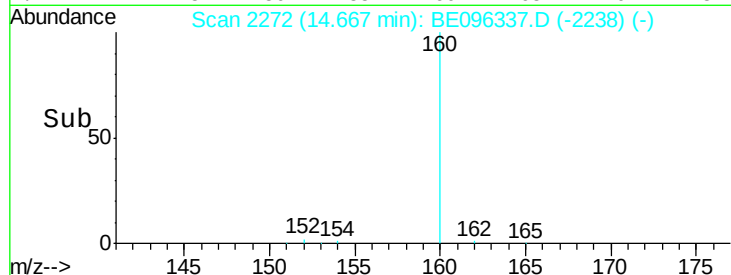
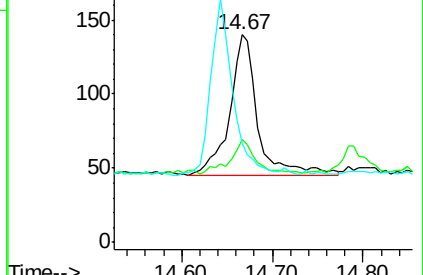
153 47.9 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Pyrene

Concen: 302.853 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BE096337.D

Acq: 3 May 2018 23:43

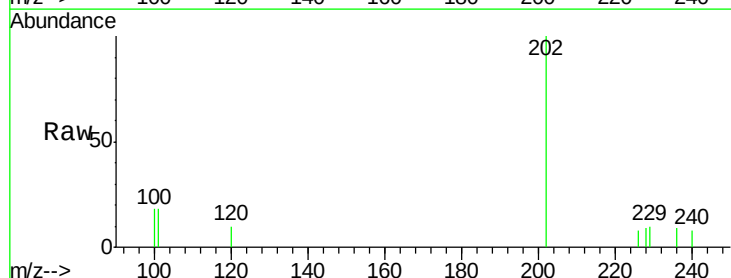
Tgt Ion:202 Resp: 1022

Ion Ratio Lower Upper

202 100

101 17.8 18.2 27.4#

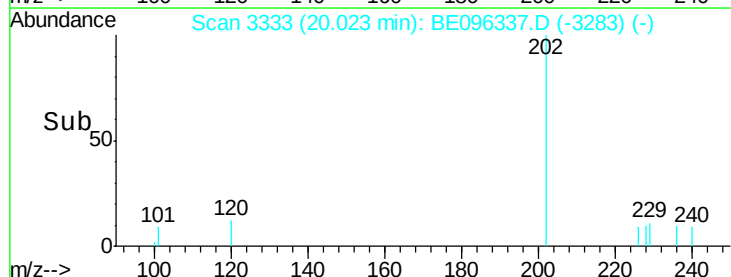
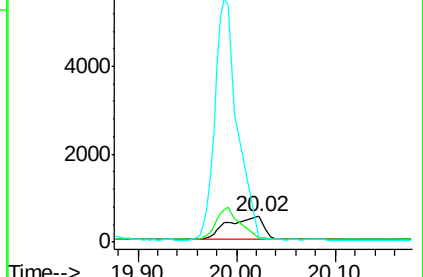
100 17.6 15.6 23.4

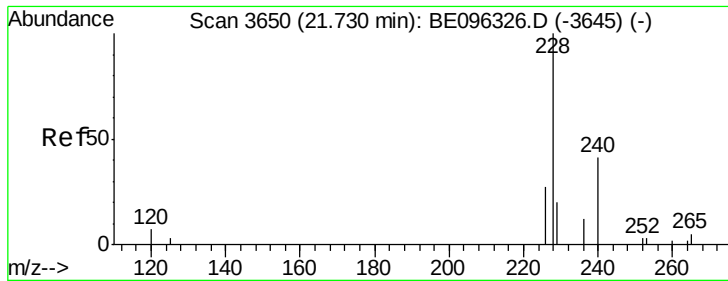


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 11.523 ng/ul

RT: 21.91 min Scan# 3675

Delta R.T. 0.18 min

Lab File: BE096337.D

Acq: 3 May 2018 23:43

Instrument :

BNA_E

ClientSampled :

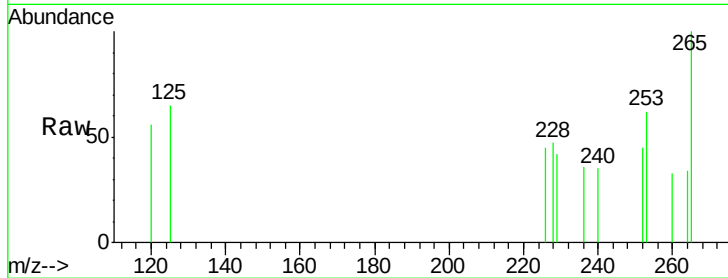
Tot Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

229 89.0 22.8 34.2#

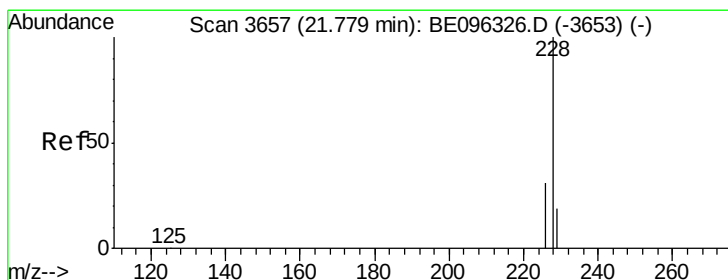
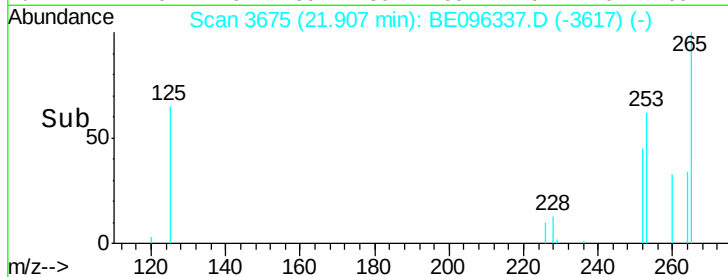
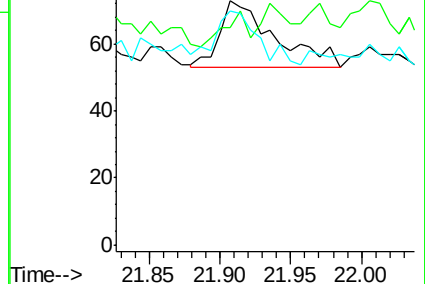
226 95.9 17.0 25.6#



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: 6.028 ng/ul

RT: 21.91 min Scan# 3675

Delta R.T. 0.13 min

Lab File: BE096337.D

Acq: 3 May 2018 23:43

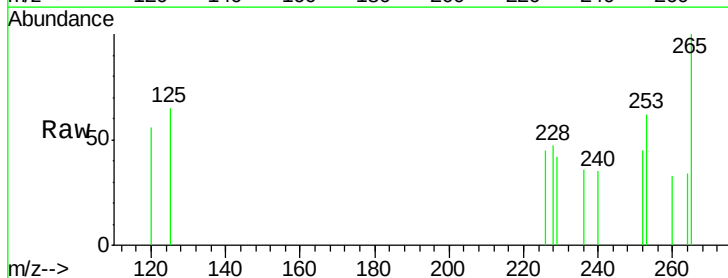
Tgt Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 95.9 23.4 35.0#

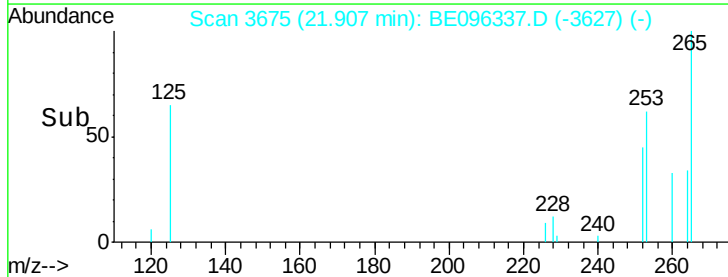
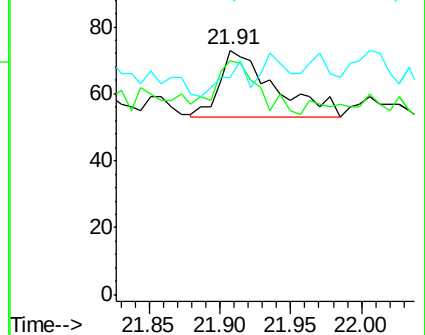
229 89.0 17.7 26.5#

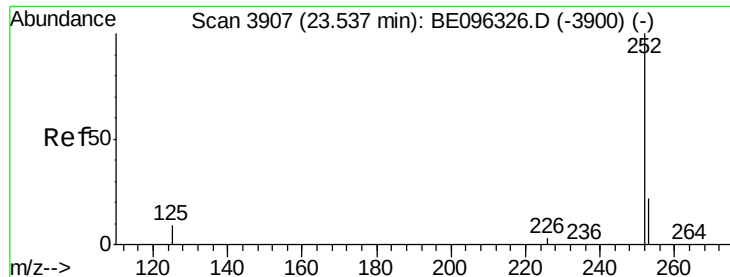


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 3.854 ng/ul

RT: 23.74 min Scan# 3936

Delta R.T. 0.21 min

Lab File: BE096337.D

Acq: 3 May 2018 23:43

Instrument :

BNA_E

ClientSampleId :

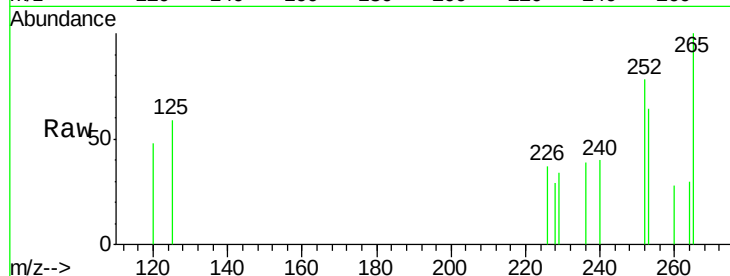
Tot Ion:252 Resp: 211

Ion Ratio Lower Upper

252 100

253 82.1 0.0 64.2#

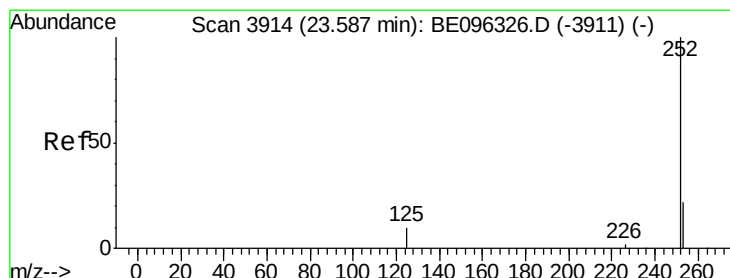
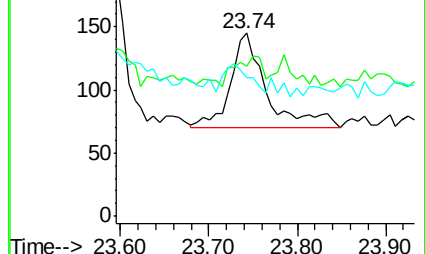
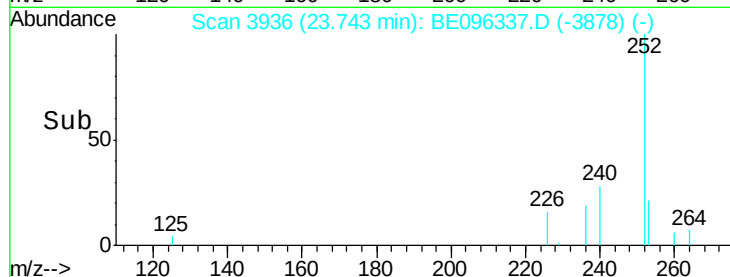
125 75.9 0.0 35.0#



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: 0.227 ng/ul

RT: 23.88 min Scan# 3955

Delta R.T. 0.29 min

Lab File: BE096337.D

Acq: 3 May 2018 23:43

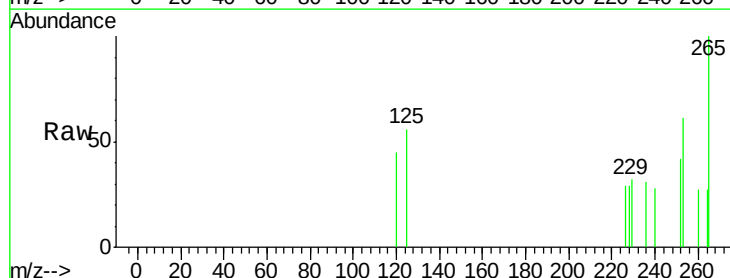
Tgt Ion:252 Resp: 12

Ion Ratio Lower Upper

252 100

253 146.8 24.5 36.7#

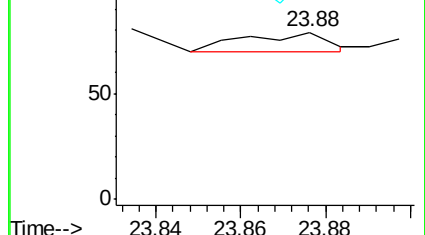
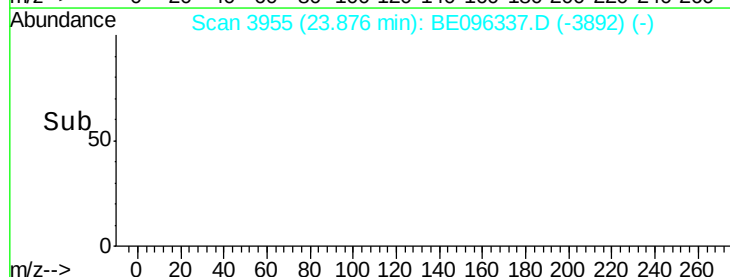
125 135.4 13.7 20.5#

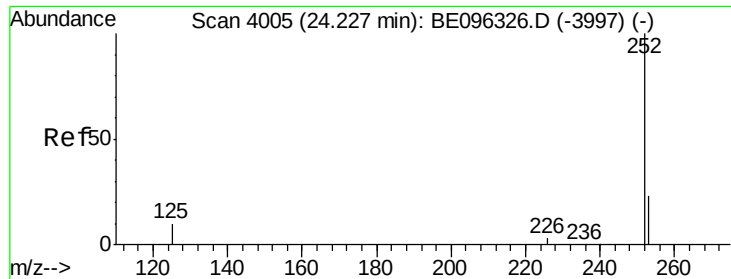


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.097 ng/ul

RT: 24.49 min Scan# 4042

Delta R.T. 0.26 min

Lab File: BE096337.D

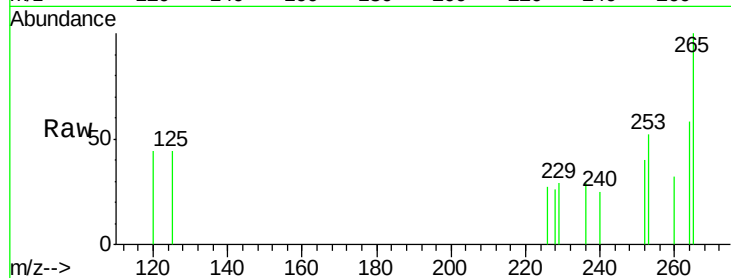
Acq: 3 May 2018 23:43

Instrument :

BNA_E

ClientSampleId :

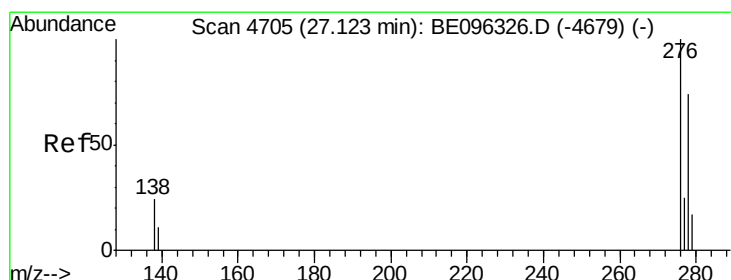
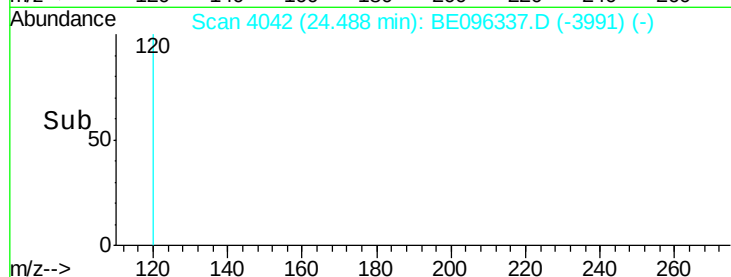
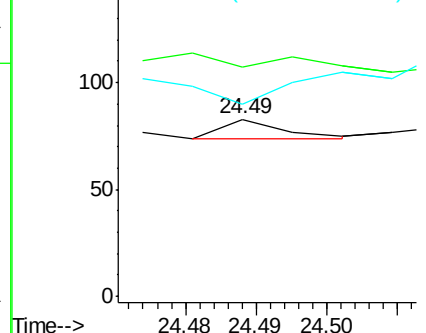
Tot Ion:252	Resp:	5	
Ion Ratio	Lower	Upper	
252	100		
253	128.9	28.5	42.7#
125	108.4	18.1	27.1#



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: 0.282 ng/ul

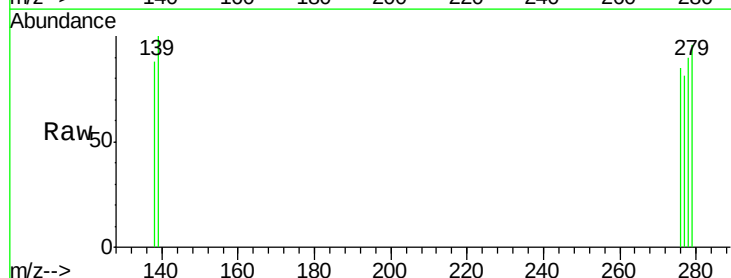
RT: 27.44 min Scan# 4794

Delta R.T. 0.32 min

Lab File: BE096337.D

Acq: 3 May 2018 23:43

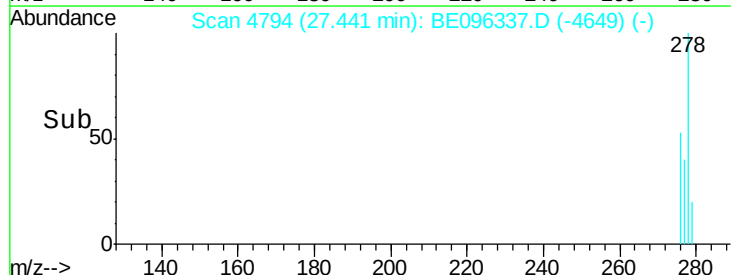
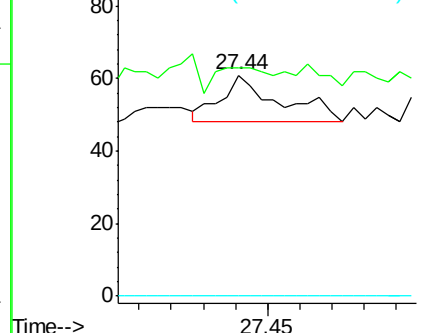
Tgt	Ion:276	Resp:	16
Ion	Ratio	Lower	Upper
276	100		
138	37.5	28.0	42.0
227	0.0	8.0	12.0#

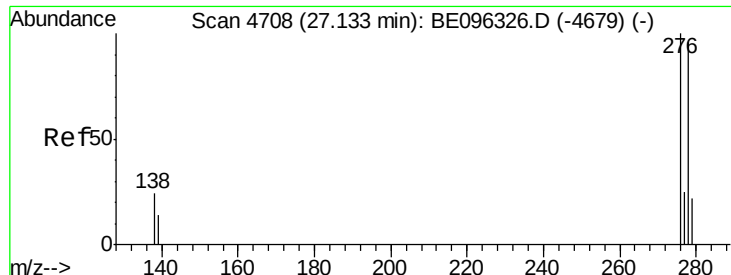


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

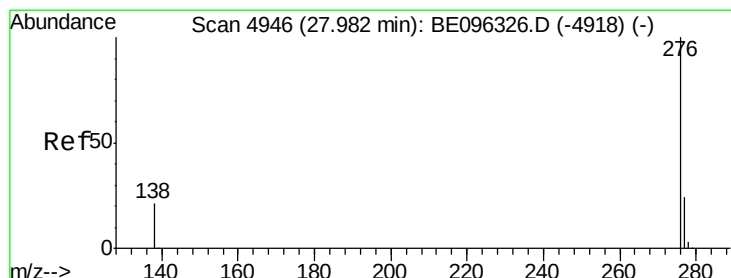
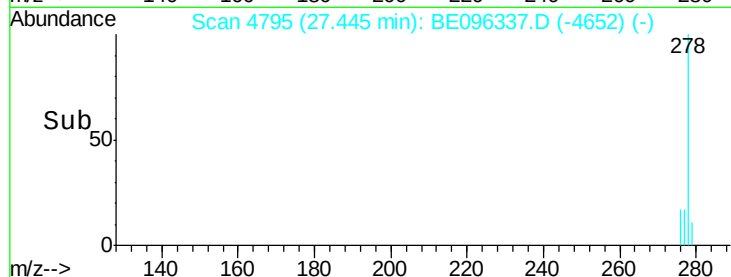
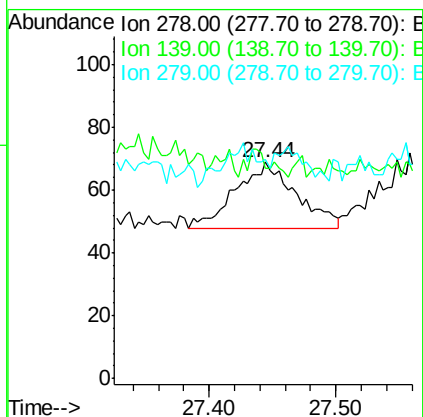
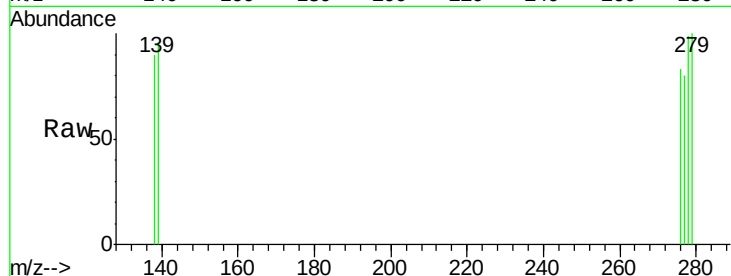




#25
Dibenzo(a,h)anthracene
Concen: 1.486 ng/ul
RT: 27.44 min Scan# 4795
Delta R.T. 0.31 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 69
Ion Ratio Lower Upper
278 100
139 97.1 17.4 26.0#
279 101.4 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 28.28 min Scan# 5029
Delta R.T. 0.30 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 139.3 21.8 32.8#
277 101.8 20.5 30.7#

