

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095804.D
 Acq On : 15 Mar 2018 15:25
 Operator : SJ/JU
 Sample : J1835-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 01:13:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration

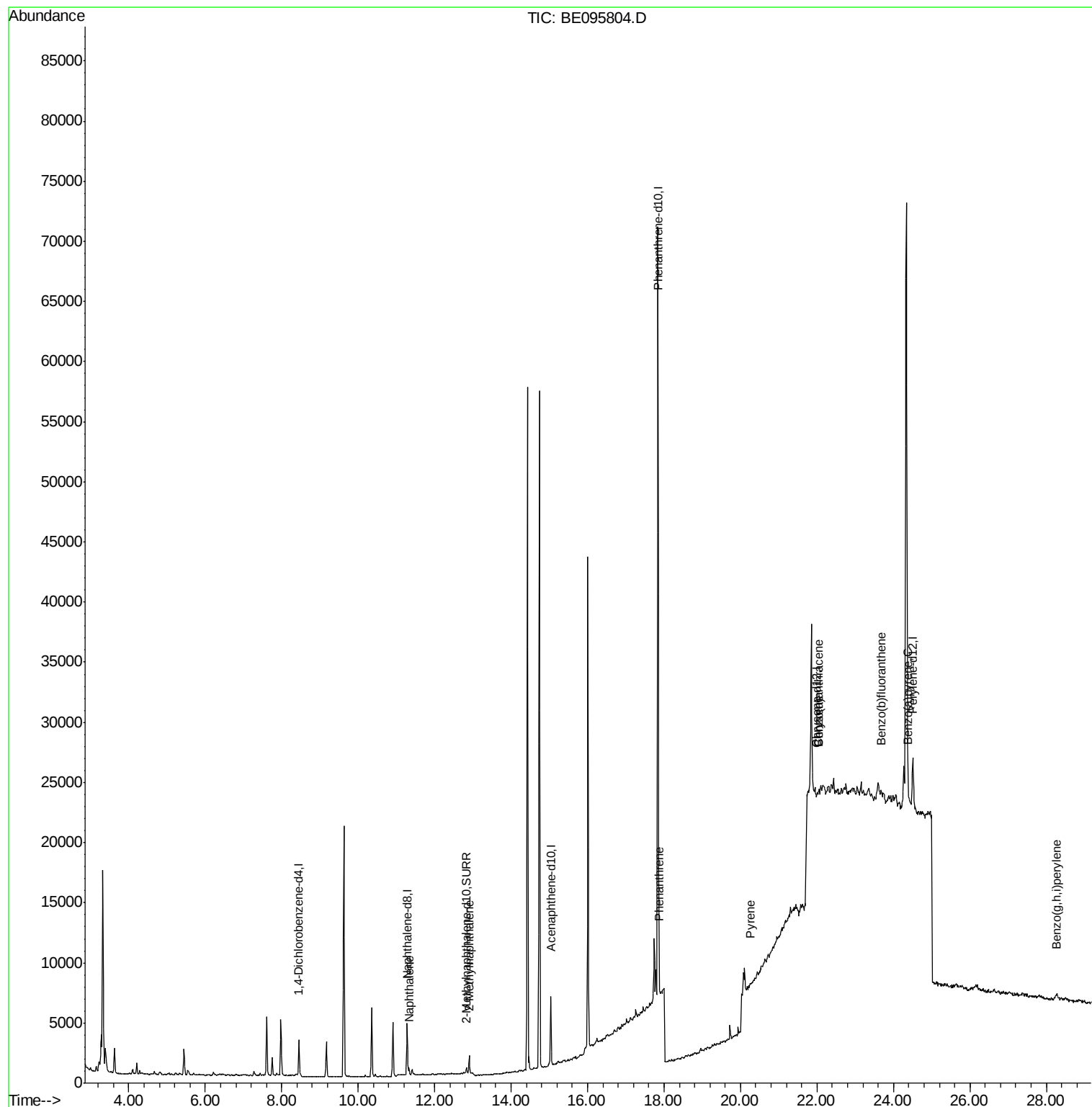
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2047	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5839	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	3390	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.84	188	78461	0.40	ng/ul	0.11
16) Chrysene-d12	21.99	240	134	0.40	ng/ul	0.16
20) Perylene-d12	24.51	264	6283	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	615	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.83	212	32	0.00	ng/ul	0.11
Target Compounds						
3) Naphthalene	11.32	128	905	0.056	ng/ul#	75
5) 2-Methylnaphthalene	12.91	142	1211	0.107	ng/ul	100
12) Phenanthrene	17.87	178	6970	0.030	ng/ul#	1
17) Pyrene	20.25	202	151	0.297	ng/ul	96
18) Benzo(a)anthracene	22.03	228	464	1.073	ng/ul#	1
19) Chrysene	22.03	228	464	1.054	ng/ul#	1
21) Benzo(b)fluoranthene	23.68	252	536	0.025	ng/ul#	1
23) Benzo(a)pyrene	24.39	252	654	0.033	ng/ul#	1
26) Benzo(g,h,i)perylene	28.27	276	1124	0.059	ng/ul#	1

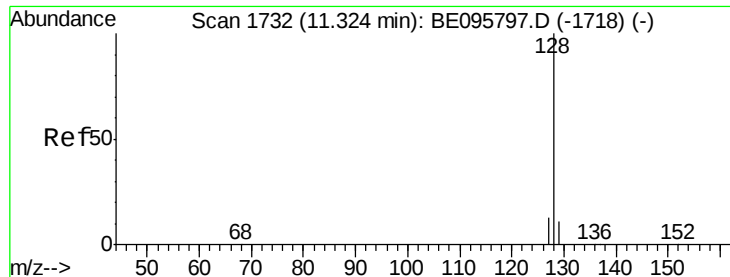
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.056 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BE095804.D

Acq: 15 Mar 2018 15:25

Instrument :

BNA_E

ClientSampleId :

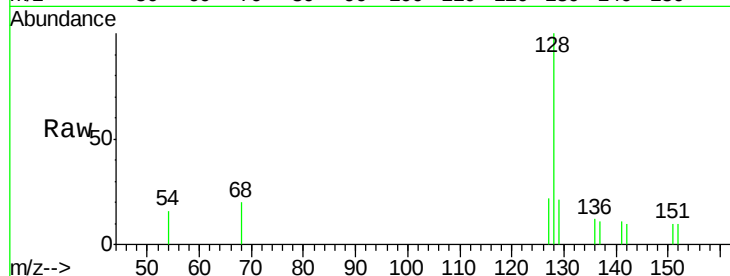
Tot Ion:128 Resp: 905

Ion Ratio Lower Upper

128 100

129 20.8 11.3 16.9#

127 22.0 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

11.32

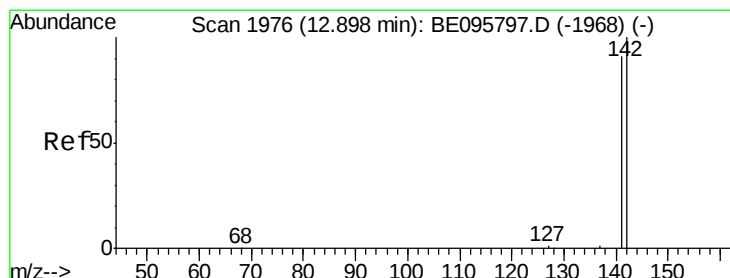
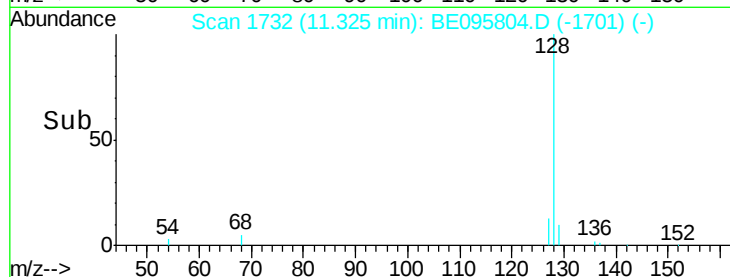
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.107 ng/ul

RT: 12.91 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BE095804.D

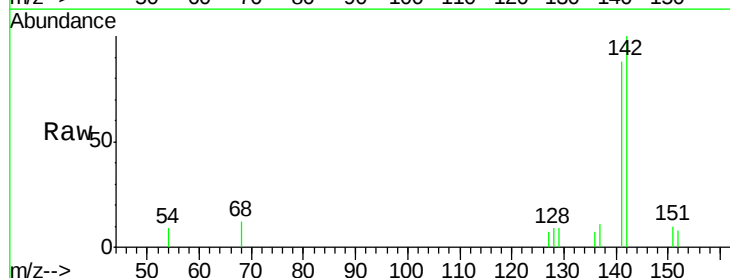
Acq: 15 Mar 2018 15:25

Tgt Ion:142 Resp: 1211

Ion Ratio Lower Upper

142 100

141 90.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.91

1000

800

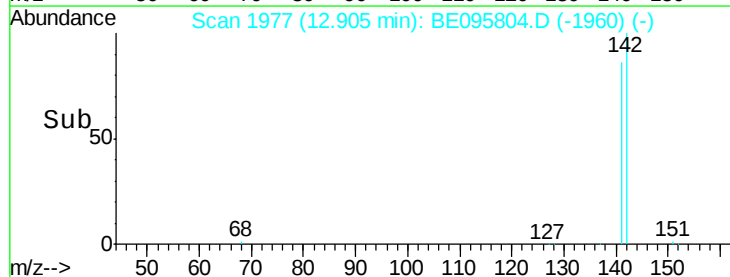
600

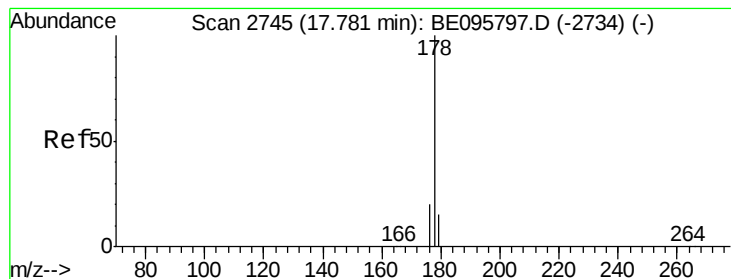
400

200

0

Time-->





#12

Phenanthrene

Concen: 0.030 ng/ul

RT: 17.87 min Scan# 2758

Delta R.T. 0.09 min

Lab File: BE095804.D

Acq: 15 Mar 2018 15:25

Instrument :

BNA_E

ClientSampleId :

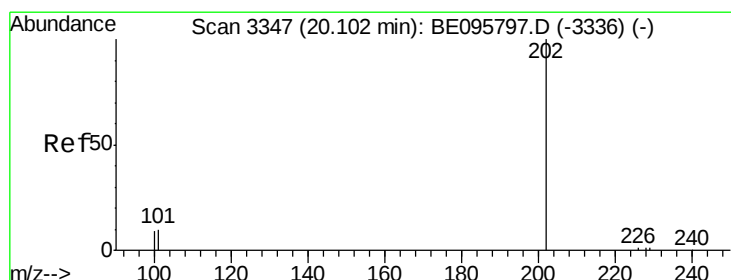
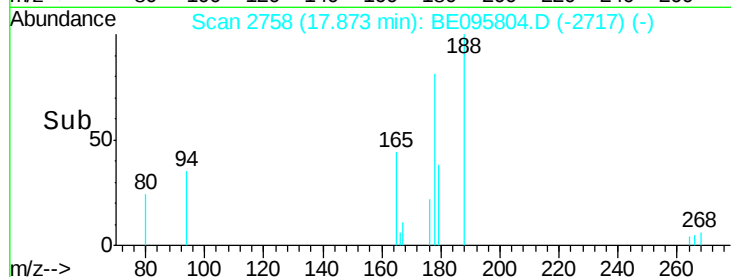
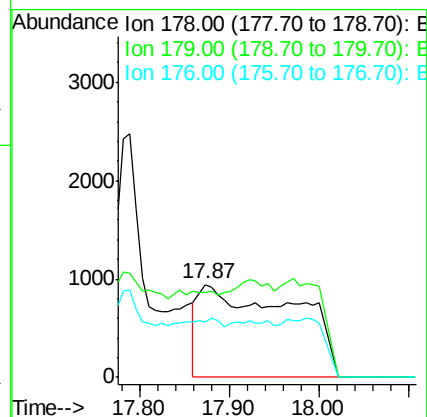
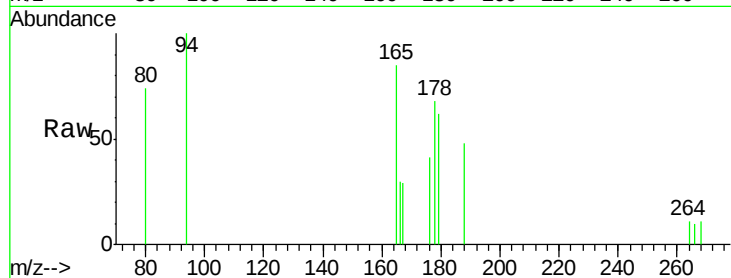
Tot Ion:178 Resp: 6970

Ion Ratio Lower Upper

178 100

179 91.4 18.4 27.6#

176 60.1 13.6 20.4#



#17

Pyrene

Concen: 0.297 ng/ul

RT: 20.25 min Scan# 3375

Delta R.T. 0.15 min

Lab File: BE095804.D

Acq: 15 Mar 2018 15:25

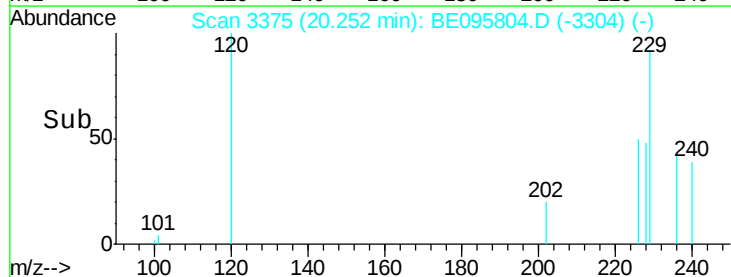
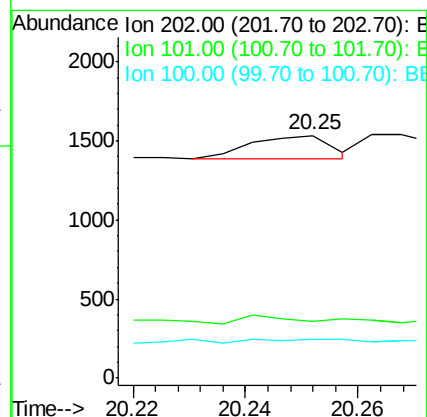
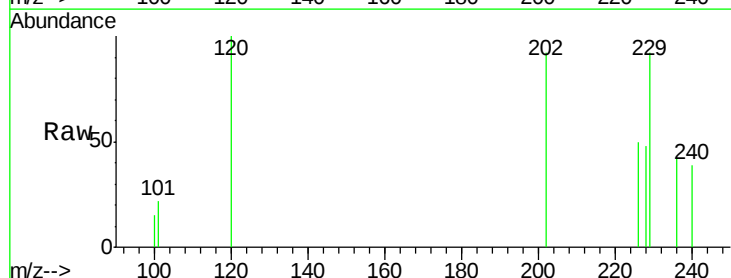
Tgt Ion:202 Resp: 151

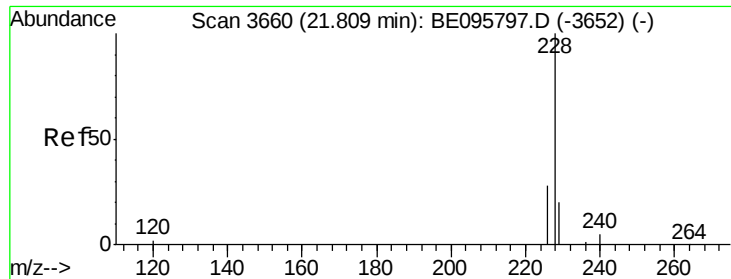
Ion Ratio Lower Upper

202 100

101 23.4 18.2 27.4

100 15.8 15.6 23.4





#18

Benzo(a)anthracene

Concen: 1.073 ng/ul

RT: 22.03 min Scan# 3692

Delta R.T. 0.22 min

Lab File: BE095804.D

Acq: 15 Mar 2018 15:25

Instrument :

BNA_E

ClientSampled :

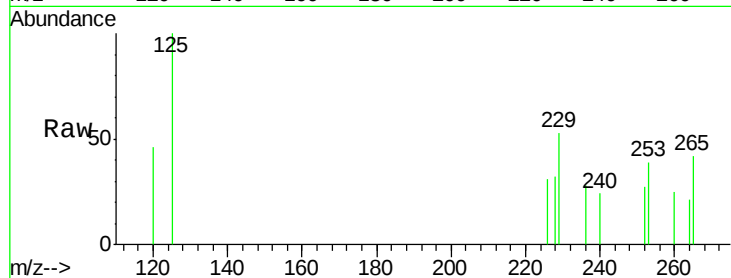
Tot Ion:228 Resp: 464

Ion Ratio Lower Upper

228 100

229 168.8 22.8 34.2#

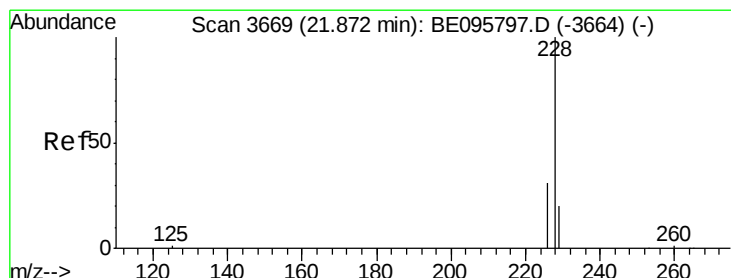
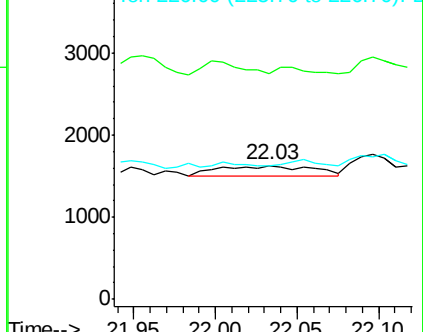
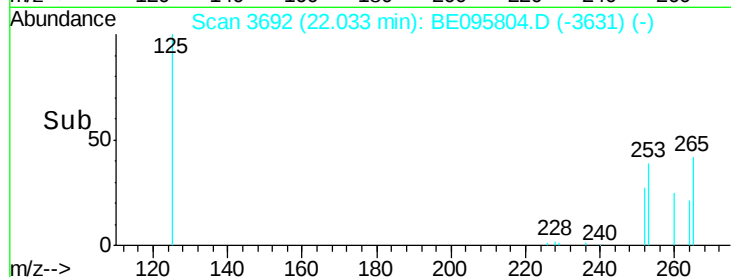
226 99.3 17.0 25.6#



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: 1.054 ng/ul

RT: 22.03 min Scan# 3692

Delta R.T. 0.16 min

Lab File: BE095804.D

Acq: 15 Mar 2018 15:25

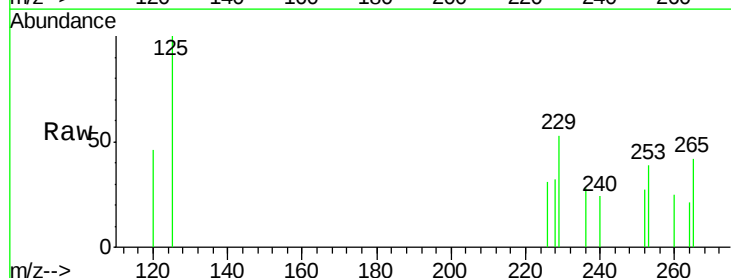
Tgt Ion:228 Resp: 464

Ion Ratio Lower Upper

228 100

226 99.3 23.4 35.0#

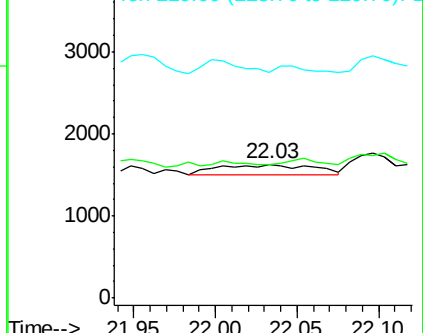
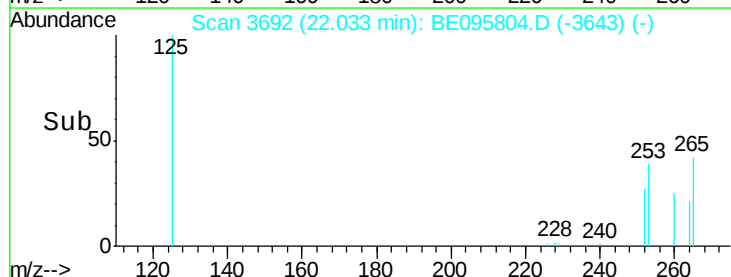
229 168.8 17.7 26.5#

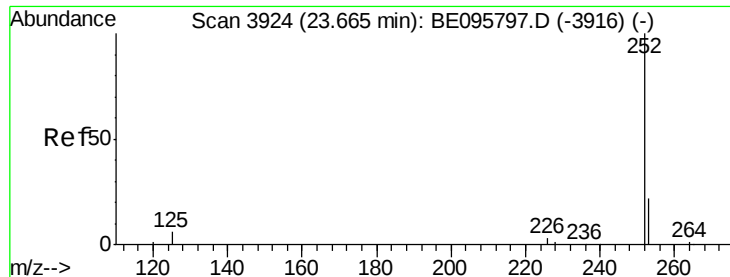


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.025 ng/ul

RT: 23.68 min Scan# 3926

Delta R.T. 0.01 min

Lab File: BE095804.D

Acq: 15 Mar 2018 15:25

Instrument :

BNA_E

ClientSampleId :

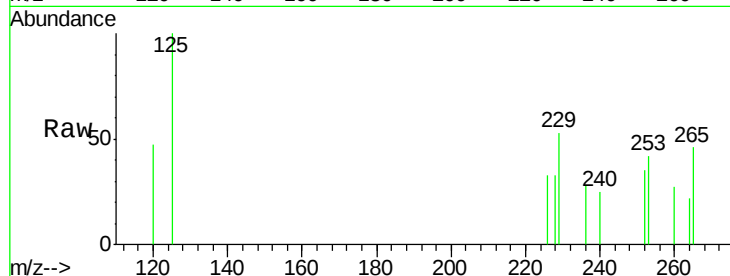
Tot Ion:252 Resp: 536

Ion Ratio Lower Upper

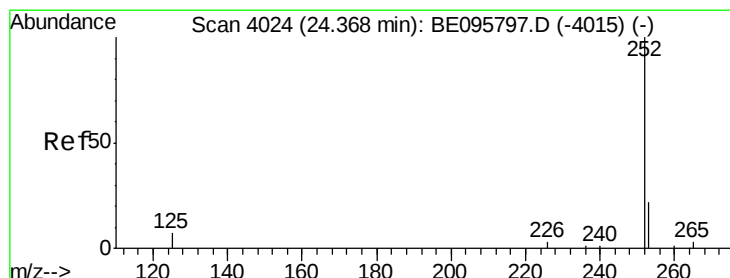
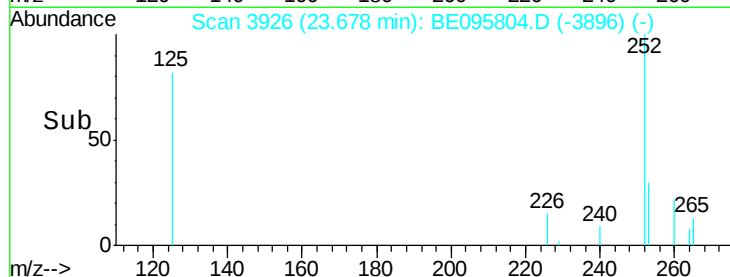
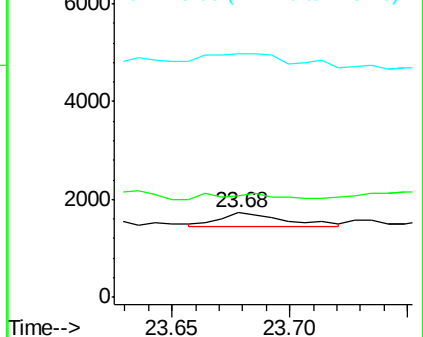
252 100

253 120.3 0.0 64.2#

125 288.6 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



#23

Benzo(a)pyrene

Concen: 0.033 ng/ul

RT: 24.39 min Scan# 4027

Delta R.T. 0.02 min

Lab File: BE095804.D

Acq: 15 Mar 2018 15:25

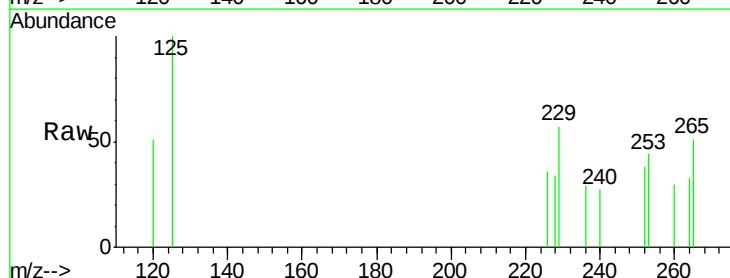
Tgt Ion:252 Resp: 654

Ion Ratio Lower Upper

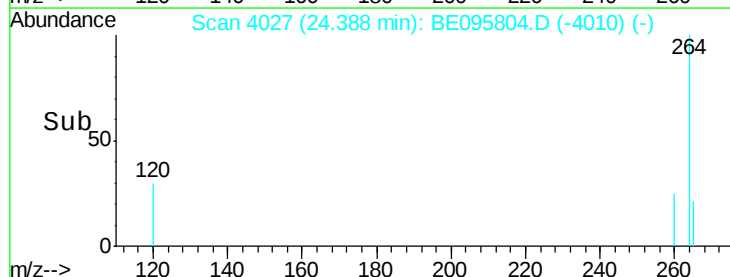
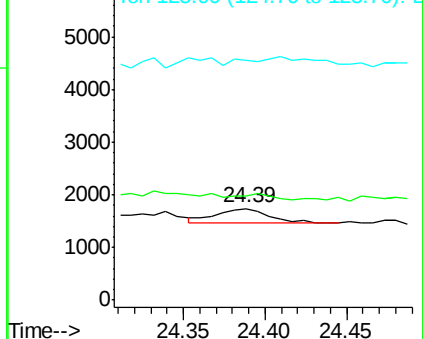
252 100

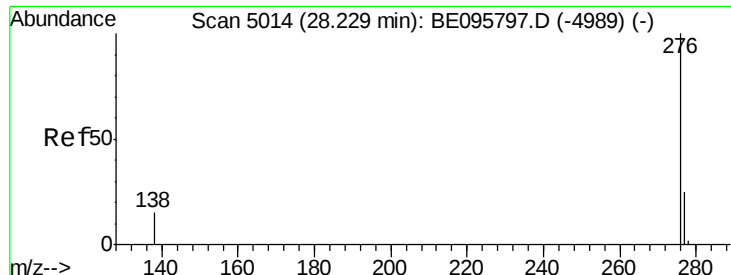
253 114.2 28.5 42.7#

125 261.5 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





#26

Benzo(a,h,i)perylene

Concen: 0.059 ng/ul

RT: 28.27 min Scan# 5026

Delta R.T. 0.04 min

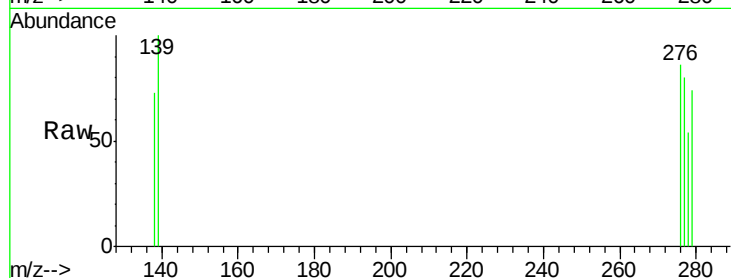
Lab File: BE095804.D

Acq: 15 Mar 2018 15:25

Instrument :

BNA_E

ClientSampleId :



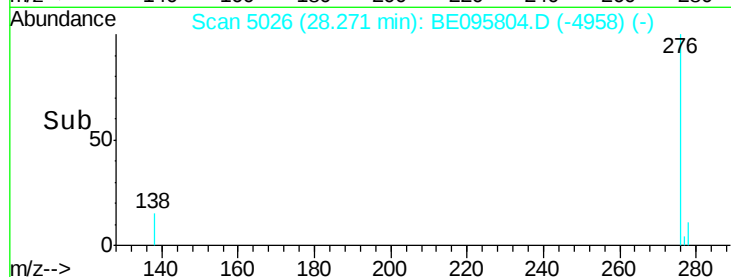
Tot Ion:276 Resp: 1124

Ion Ratio Lower Upper

276 100

138 84.4 21.8 32.8#

277 92.2 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

