

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095794.D
 Acq On : 15 Mar 2018 9:10
 Operator : SJ/JU
 Sample : J1813-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F09

Quant Time: Mar 15 10:59:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration

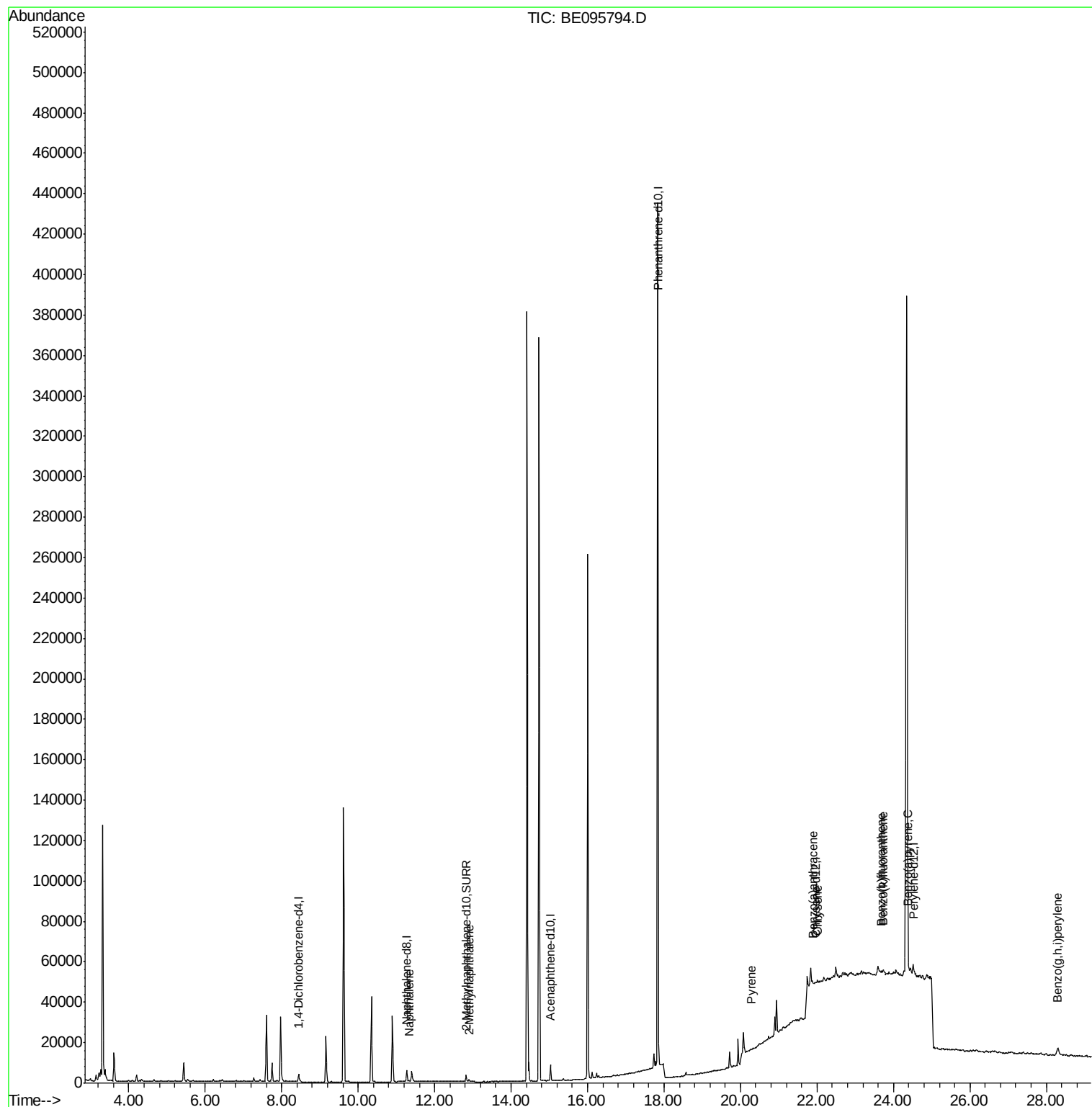
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2590	0.40	ng/ul	0.02
2) Naphthalene-d8	11.27	136	7746	0.40	ng/ul	0.02
6) Acenaphthene-d10	15.03	164	4408	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.84	188	526722	0.40	ng/ul	0.13
16) Chrysene-d12	21.97	240	76	0.40	ng/ul	0.17
20) Perylene-d12	24.52	264	9616	0.40	ng/ul	0.09
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	3877	0.30	ng/ul	0.02
14) Fluoranthene-d10	19.83	212	49	0.00	ng/ul	0.14
Target Compounds						
3) Naphthalene	11.32	128	684	0.032	ng/ul#	63
5) 2-Methylnaphthalene	12.90	142	779	0.052	ng/ul	94
17) Pyrene	20.27	202	959	3.323	ng/ul#	91
18) Benzo(a)anthracene	21.91	228	477	1.945	ng/ul#	1
19) Chrysene	22.01	228	409	1.638	ng/ul#	1
21) Benzo(b)fluoranthene	23.68	252	1937	0.058	ng/ul#	1
22) Benzo(k)fluoranthene	23.72	252	1104	0.035	ng/ul#	1
23) Benzo(a)pyrene	24.39	252	817	0.027	ng/ul#	1
26) Benzo(g,h,i)perylene	28.30	276	11620	0.401	ng/ul#	35

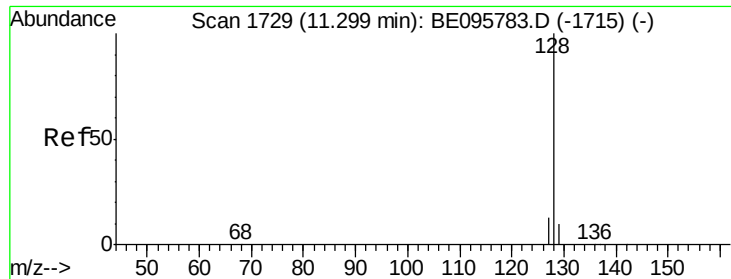
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.032 ng/ul

RT: 11.32 min Scan# 1731

Delta R.T. 0.02 min

Lab File: BE095794.D

Acq: 15 Mar 2018 9:10

Instrument :

BNA_E

ClientSampled :

F6F09

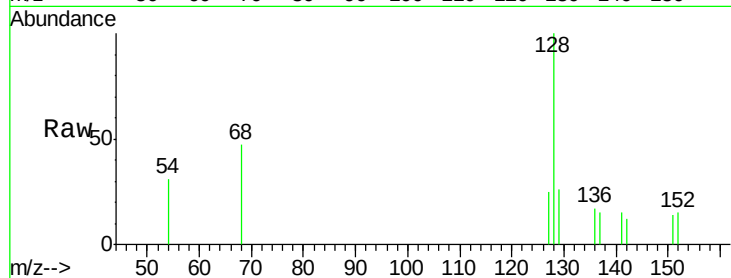
Tot Ion:128 Resp: 684

Ion Ratio Lower Upper

128 100

129 26.0 11.3 16.9#

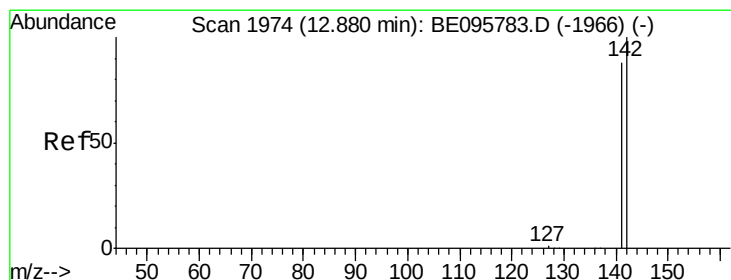
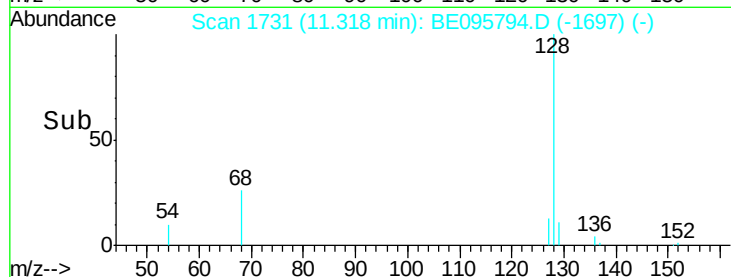
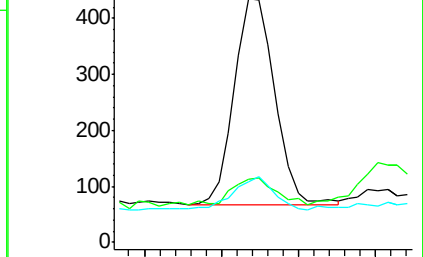
127 24.8 4.0 6.0#



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: 0.052 ng/ul

RT: 12.90 min Scan# 1976

Delta R.T. 0.02 min

Lab File: BE095794.D

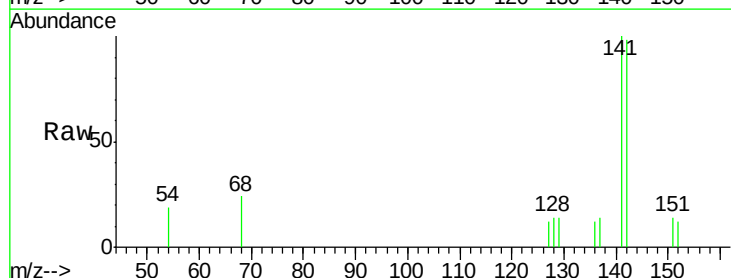
Acq: 15 Mar 2018 9:10

Tgt Ion:142 Resp: 779

Ion Ratio Lower Upper

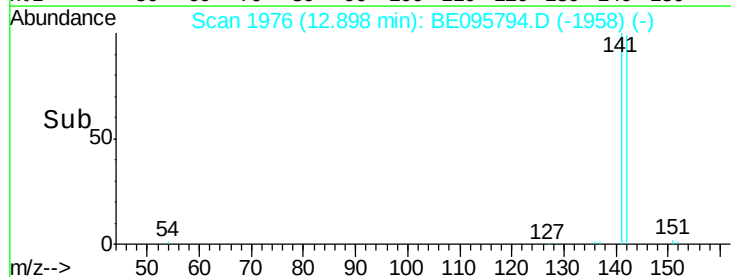
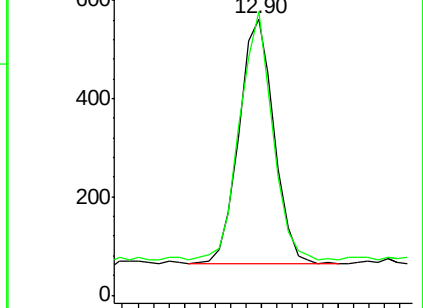
142 100

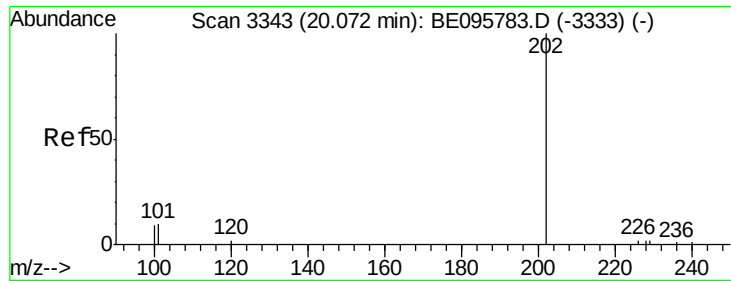
141 96.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pvrene

Concen: 3.323 ng/ul

RT: 20.27 min Scan# 3379

Delta R.T. 0.20 min

Lab File: BE095794.D

Acq: 15 Mar 2018 9:10

Instrument :

BNA_E

ClientSampleId :

F6F09

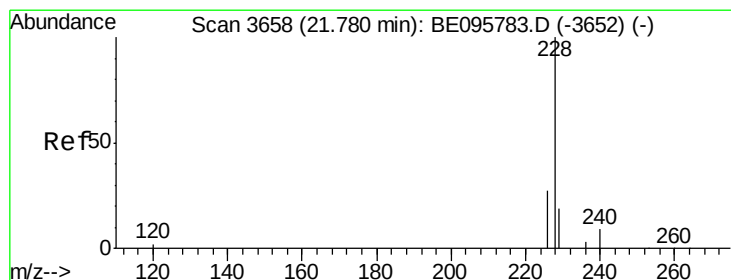
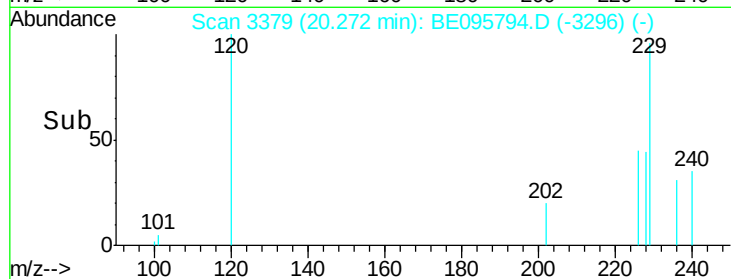
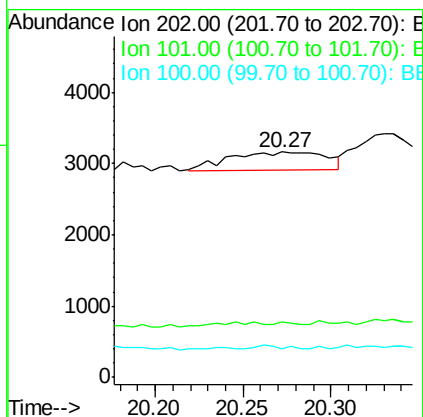
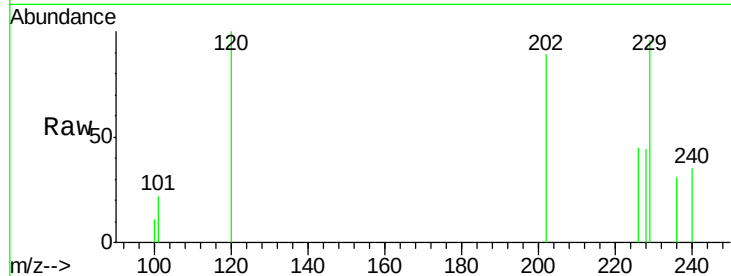
Tot Ion:202 Resp: 959

Ion Ratio Lower Upper

202 100

101 24.7 18.2 27.4

100 12.8 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 1.945 ng/ul

RT: 21.91 min Scan# 3675

Delta R.T. 0.13 min

Lab File: BE095794.D

Acq: 15 Mar 2018 9:10

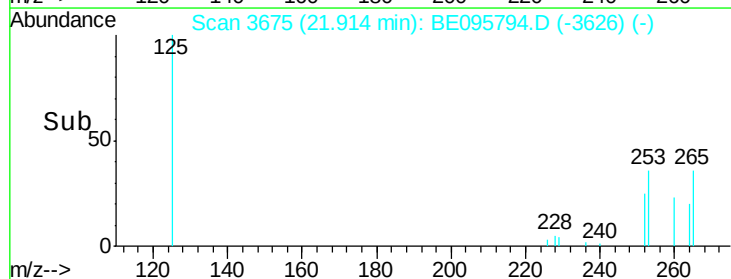
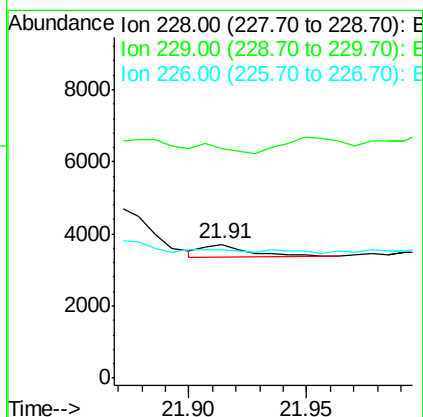
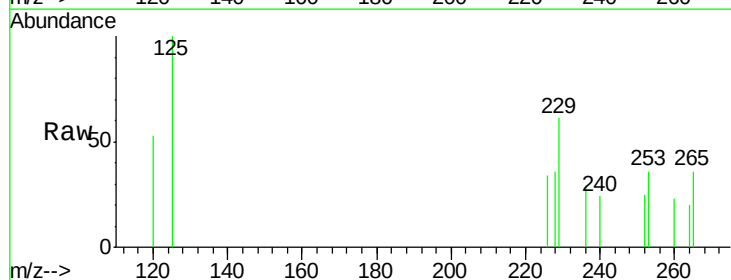
Tgt Ion:228 Resp: 477

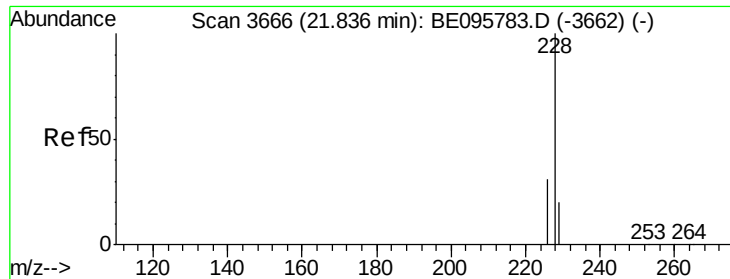
Ion Ratio Lower Upper

228 100

229 171.3 22.8 34.2#

226 96.4 17.0 25.6#





#19

Chrysene

Concen: 1.638 ng/ul

RT: 22.01 min Scan# 3688

Delta R.T. 0.17 min

Lab File: BE095794.D

Acq: 15 Mar 2018 9:10

Instrument :

BNA_E

ClientSampleId :

F6F09

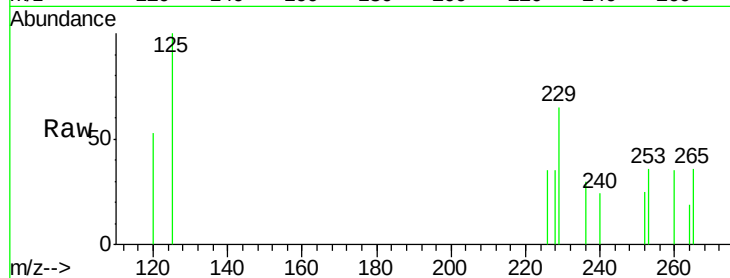
Tot Ion:228 Resp: 409

Ion Ratio Lower Upper

228 100

226 100.1 23.4 35.0#

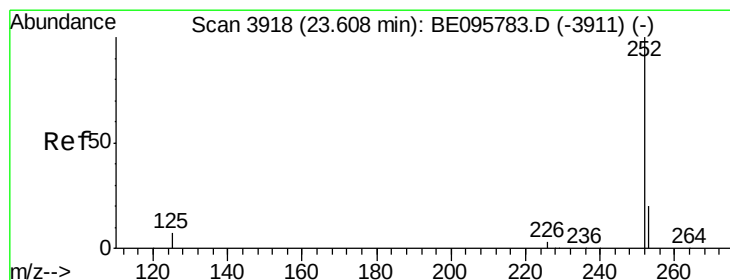
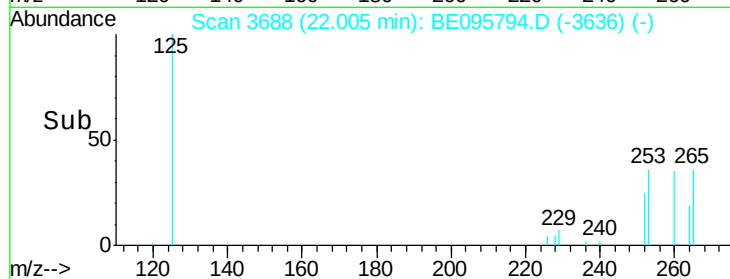
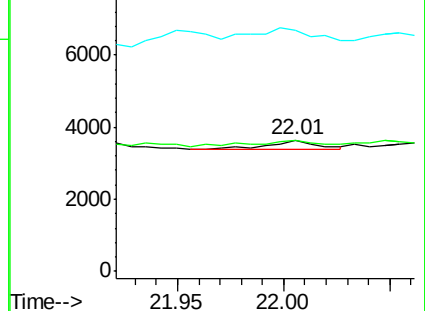
229 183.2 17.7 26.5#



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: 0.058 ng/ul

RT: 23.68 min Scan# 3926

Delta R.T. 0.07 min

Lab File: BE095794.D

Acq: 15 Mar 2018 9:10

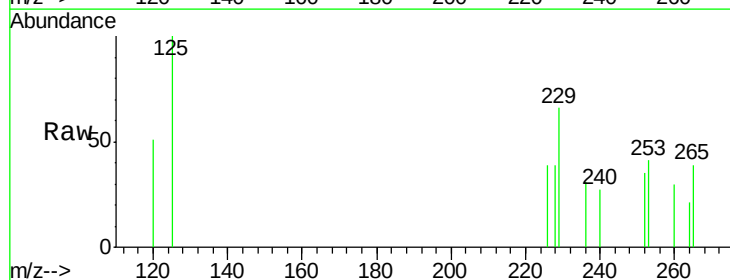
Tgt Ion:252 Resp: 1937

Ion Ratio Lower Upper

252 100

253 117.2 0.0 64.2#

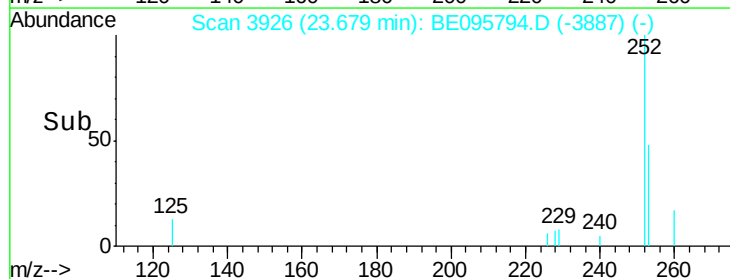
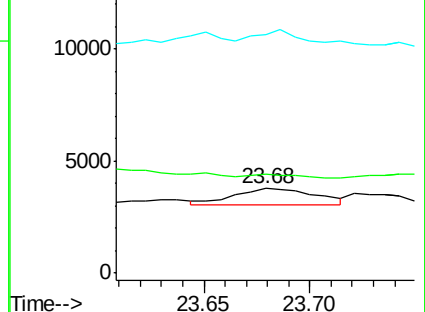
125 282.7 0.0 35.0#

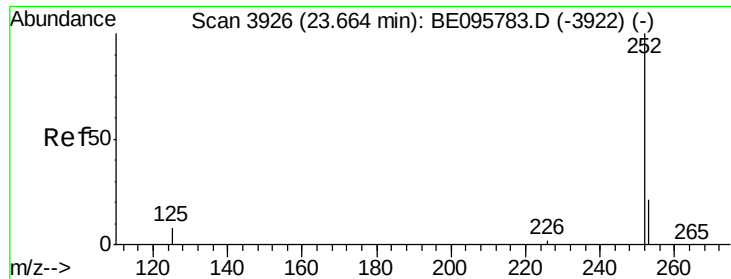


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.035 ng/ul

RT: 23.72 min Scan# 3932

Delta R.T. 0.06 min

Lab File: BE095794.D

Acq: 15 Mar 2018 9:10

Instrument :

BNA_E

ClientSampleId :

F6F09

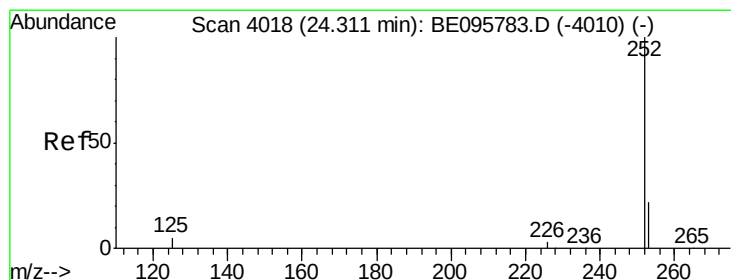
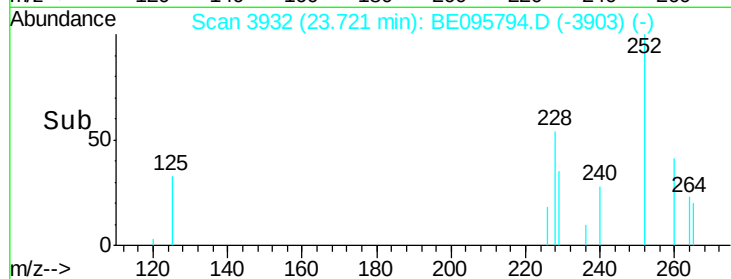
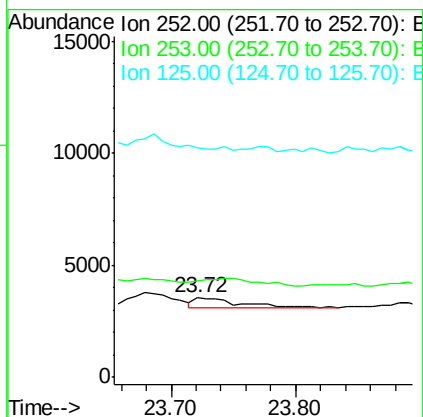
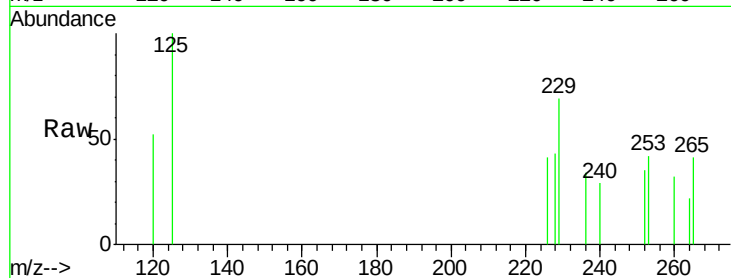
Tot Ion:252 Resp: 1104

Ion Ratio Lower Upper

252 100

253 121.3 24.5 36.7#

125 289.8 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.027 ng/ul

RT: 24.39 min Scan# 4027

Delta R.T. 0.08 min

Lab File: BE095794.D

Acq: 15 Mar 2018 9:10

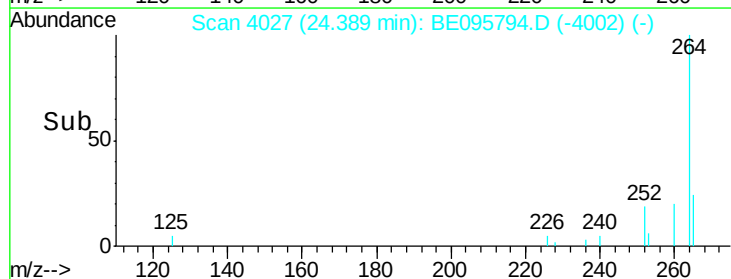
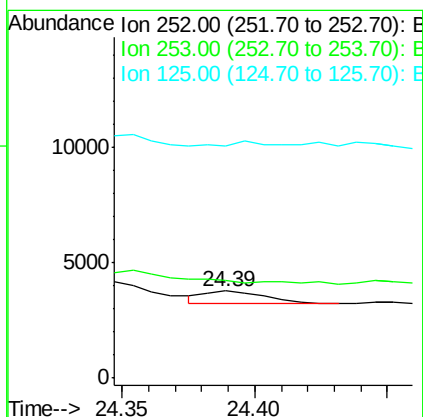
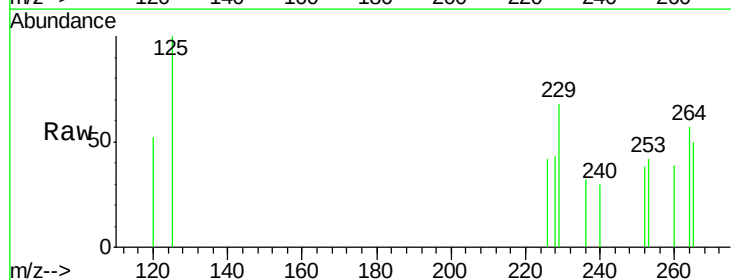
Tgt Ion:252 Resp: 817

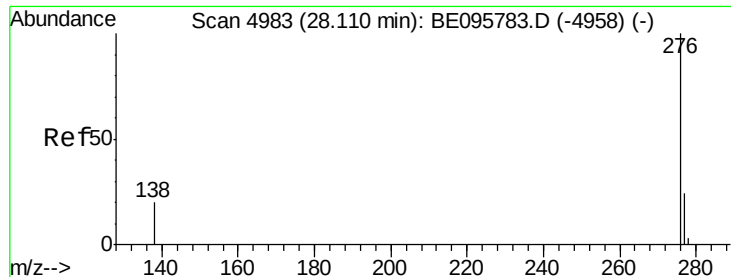
Ion Ratio Lower Upper

252 100

253 112.3 28.5 42.7#

125 266.2 18.1 27.1#





#26

Benzo(a,h,i)perylene

Concen: 0.401 ng/ul

RT: 28.30 min Scan# 5034

Delta R.T. 0.19 min

Lab File: BE095794.D

Acq: 15 Mar 2018 9:10

Instrument :

BNA_E

ClientSampleId :

F6F09

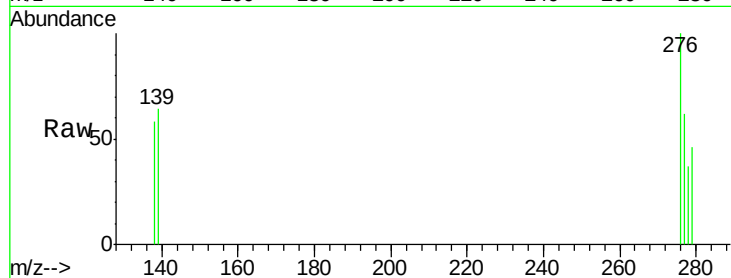
Tot Ion: 276 Resp: 11620

Ion Ratio Lower Upper

276 100

138 57.8 21.8 32.8#

277 62.0 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

