

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095781.D
 Acq On : 15 Mar 2018 1:21
 Operator : SJ/JU
 Sample : J1835-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 03:43:57 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 03:09:28 2018
 Response via : Initial Calibration

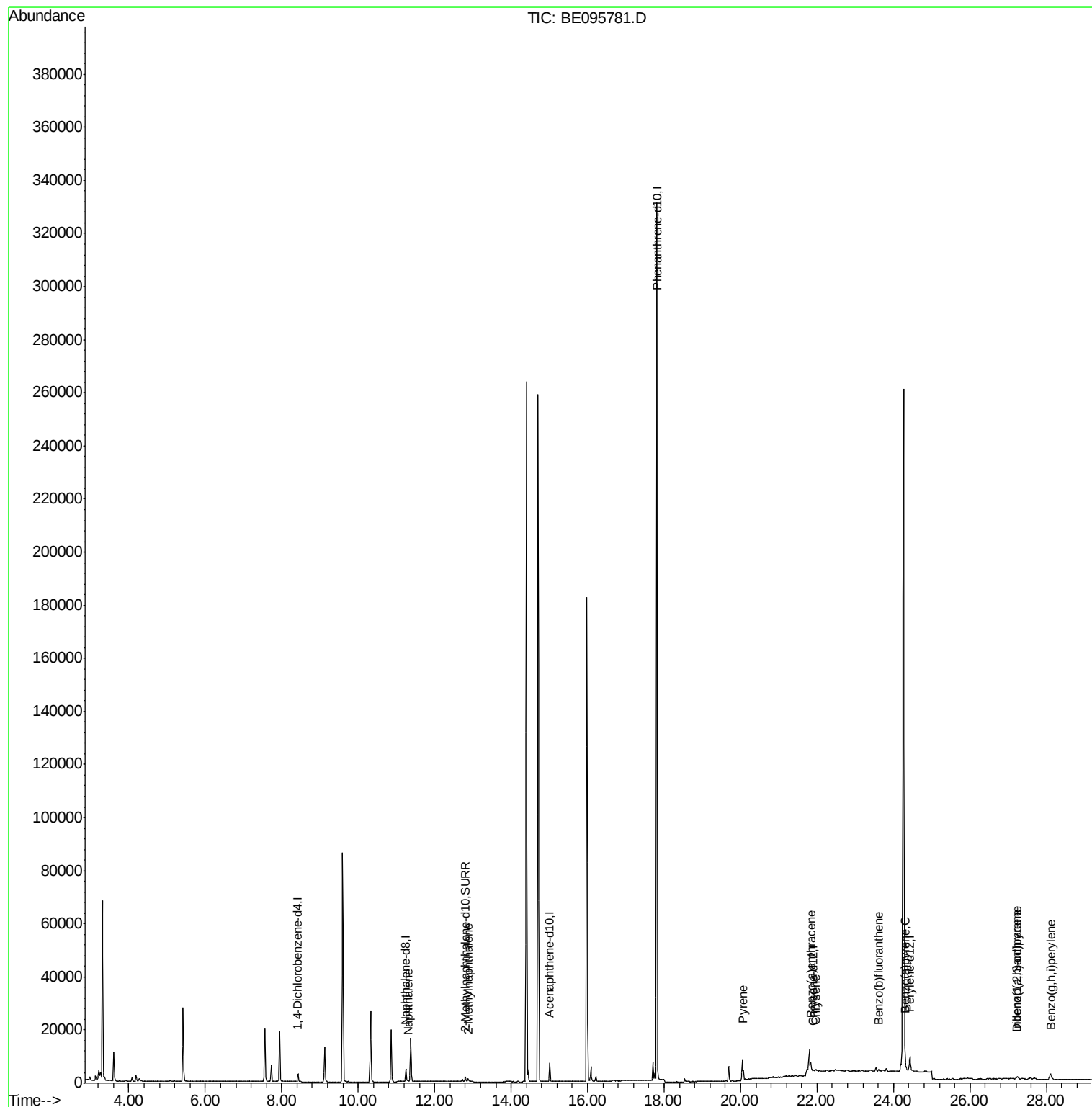
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	2113	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	6288	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3967	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	376021	0.40	ng/ul	0.10
16) Chrysene-d12	21.90	240	41	0.40	ng/ul	0.11
20) Perylene-d12	24.43	264	10045	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	2452	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.30	128	833	0.047	ng/ul#	77
5) 2-Methylnaphthalene	12.87	142	1024	0.084	ng/ul	99
17) Pyrene	20.07	202	5935	38.122	ng/ul#	83
18) Benzo(a)anthracene	21.84	228	3843	29.050	ng/ul#	72
19) Chrysene	21.97	228	287	2.131	ng/ul#	1
21) Benzo(b)fluoranthene	23.62	252	1741	0.050	ng/ul#	1
23) Benzo(a)pyrene	24.31	252	3271	0.103	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	27.23	276	1443	0.041	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.24	278	951	0.034	ng/ul#	1
26) Benzo(g,h,i)perylene	28.11	276	5005	0.165	ng/ul#	85

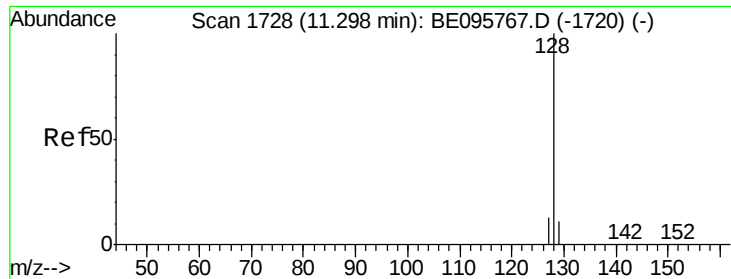
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.047 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BE095781.D

Acq: 15 Mar 2018 1:21

Instrument :

BNA_E

ClientSampleId :

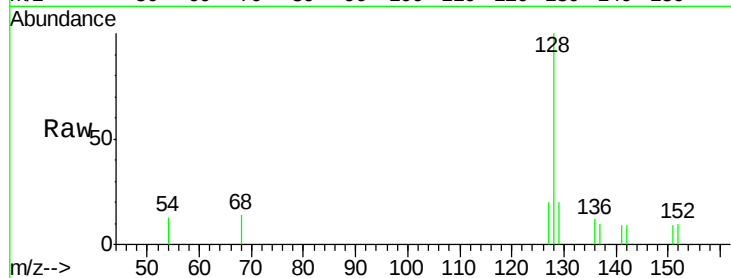
Tot Ion:128 Resp: 833

Ion Ratio Lower Upper

128 100

129 20.1 11.3 16.9#

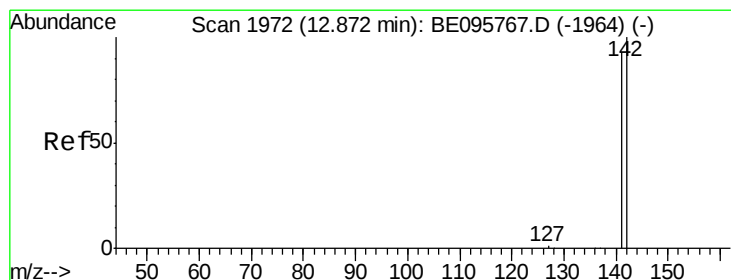
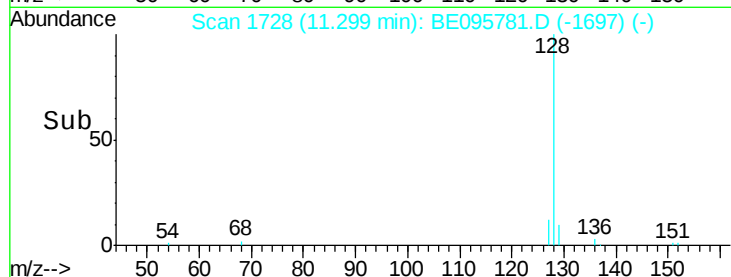
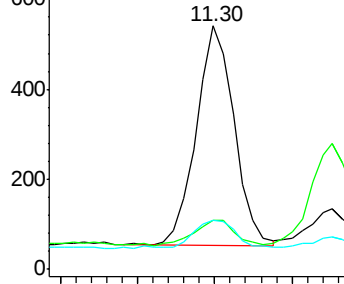
127 20.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.084 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE095781.D

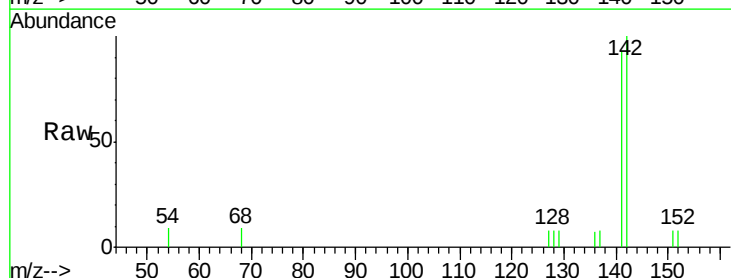
Acq: 15 Mar 2018 1:21

Tgt Ion:142 Resp: 1024

Ion Ratio Lower Upper

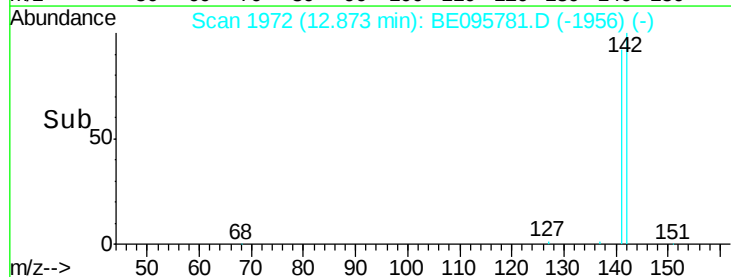
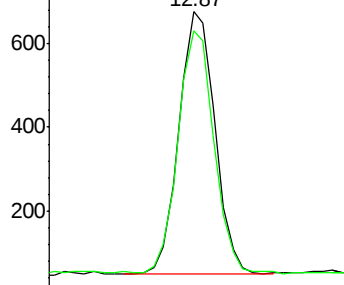
142 100

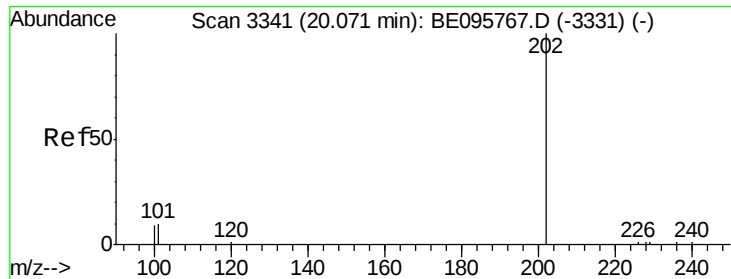
141 91.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pvrene

Concen: 38.122 ng/ul

RT: 20.07 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BE095781.D

Acq: 15 Mar 2018 1:21

Instrument :

BNA_E

ClientSampleId :

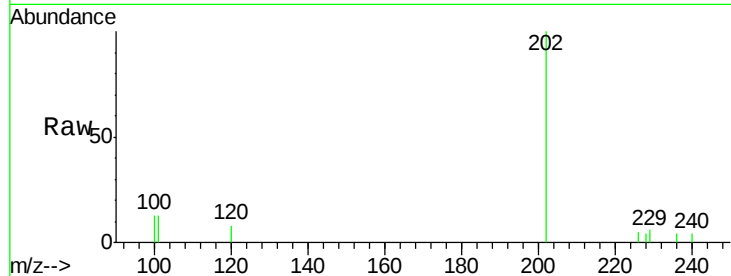
Tot Ion:202 Resp: 5935

Ion Ratio Lower Upper

202 100

101 13.2 18.2 27.4#

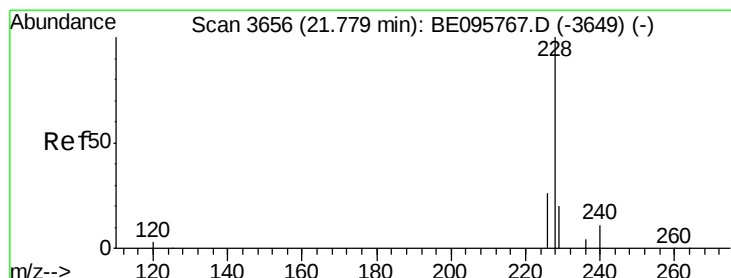
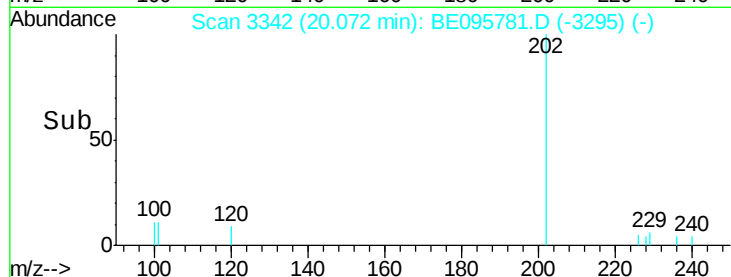
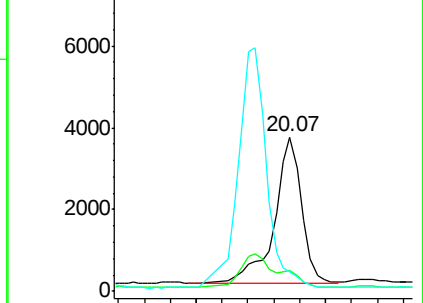
100 13.1 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 29.050 ng/ul

RT: 21.84 min Scan# 3665

Delta R.T. 0.06 min

Lab File: BE095781.D

Acq: 15 Mar 2018 1:21

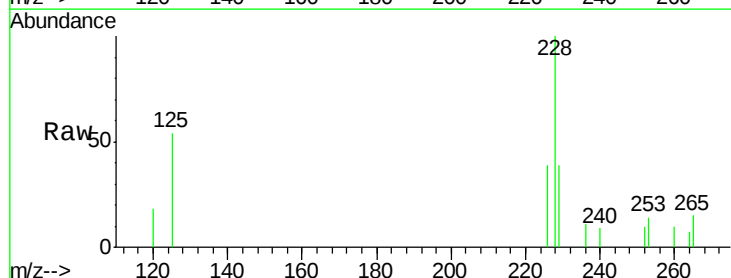
Tgt Ion:228 Resp: 3843

Ion Ratio Lower Upper

228 100

229 39.2 22.8 34.2#

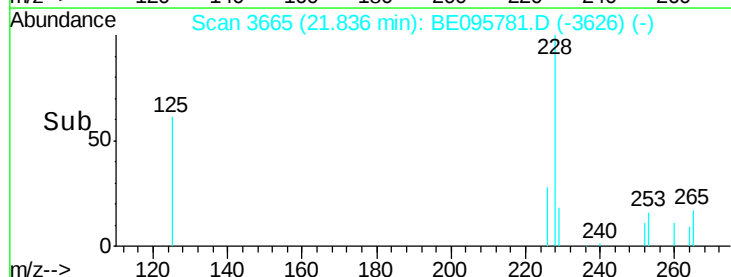
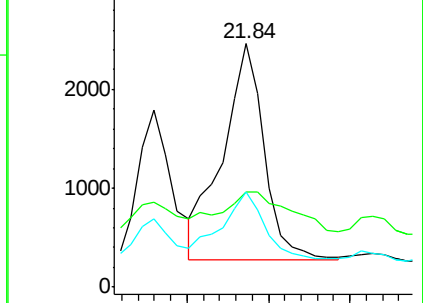
226 38.9 17.0 25.6#

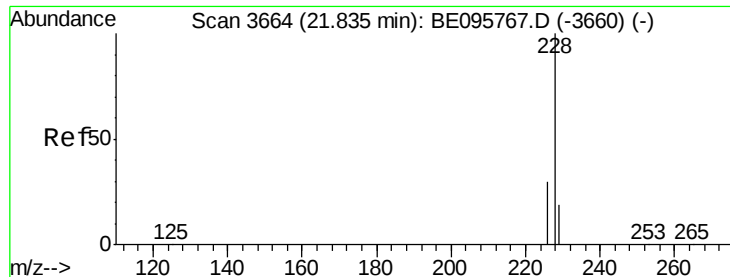


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.131 ng/ul

RT: 21.97 min Scan# 3684

Delta R.T. 0.13 min

Lab File: BE095781.D

Acq: 15 Mar 2018 1:21

Instrument :

BNA_E

ClientSampleId :

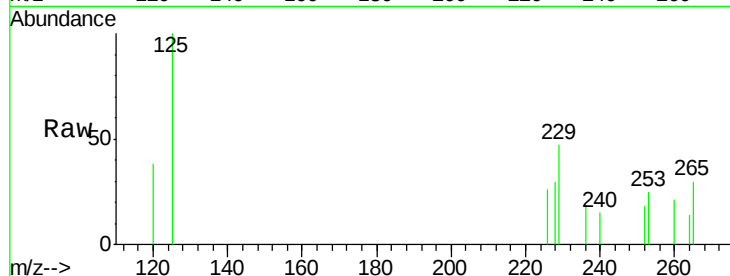
Tot Ion:228 Resp: 287

Ion Ratio Lower Upper

228 100

226 86.6 23.4 35.0#

229 153.8 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

Time--> 21.90 21.95 22.00

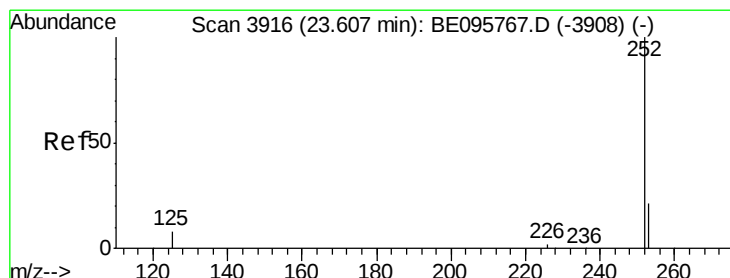
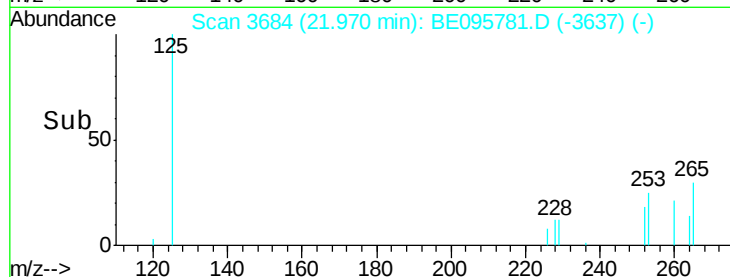
21.97

200

400

600

800



#21

Benzo(b)fluoranthene

Concen: 0.050 ng/ul

RT: 23.62 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BE095781.D

Acq: 15 Mar 2018 1:21

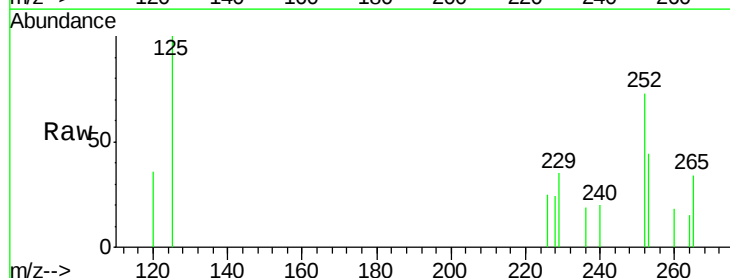
Tgt Ion:252 Resp: 1741

Ion Ratio Lower Upper

252 100

253 60.3 0.0 64.2

125 137.6 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

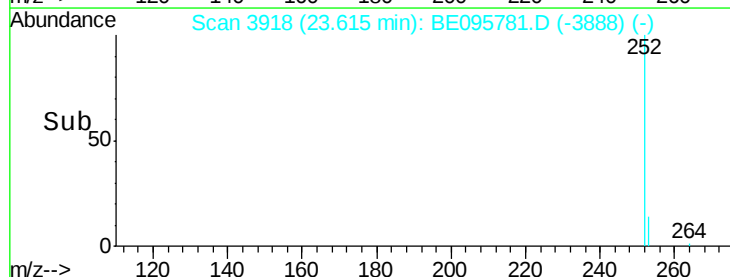
Time--> 23.60 23.70

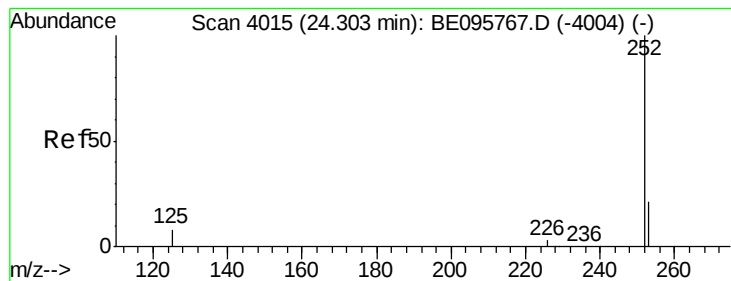
23.62

500

1000

1500





#23

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 24.31 min Scan# 4017

Delta R.T. 0.01 min

Lab File: BE095781.D

Acq: 15 Mar 2018 1:21

Instrument :

BNA_E

ClientSampled :

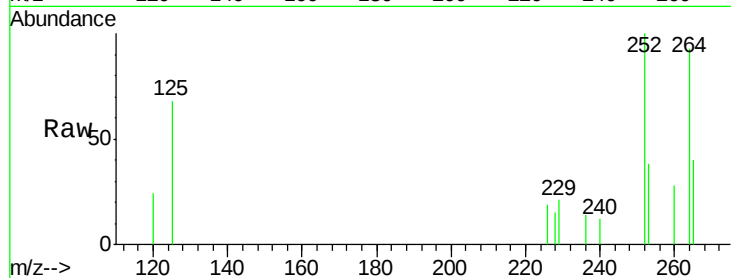
Tot Ion:252 Resp: 3271

Ion Ratio Lower Upper

252 100

253 37.5 28.5 42.7

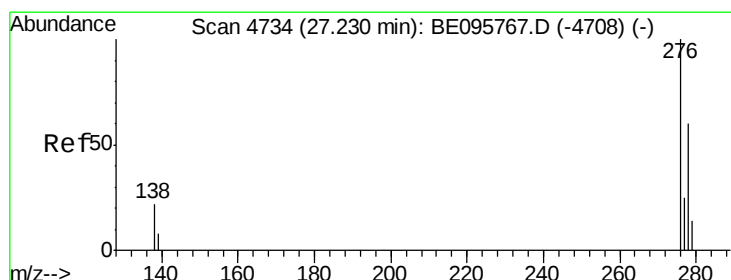
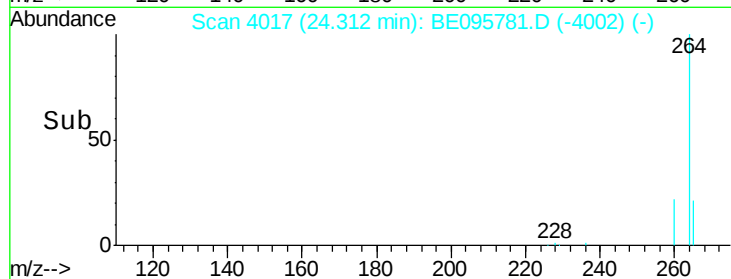
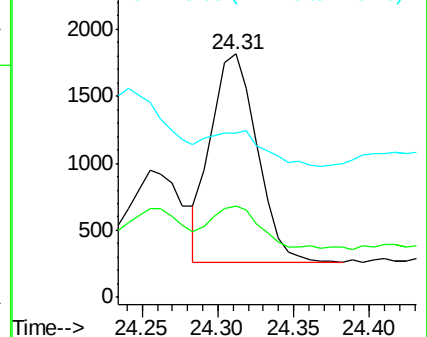
125 67.5 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng/ul

RT: 27.23 min Scan# 4736

Delta R.T. 0.00 min

Lab File: BE095781.D

Acq: 15 Mar 2018 1:21

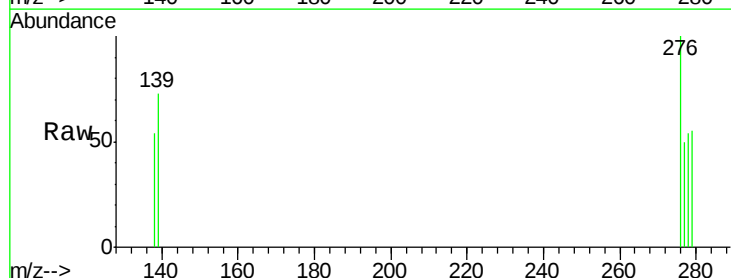
Tgt Ion:276 Resp: 1443

Ion Ratio Lower Upper

276 100

138 18.3 28.0 42.0#

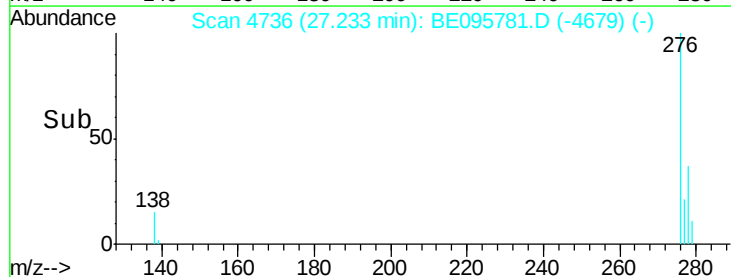
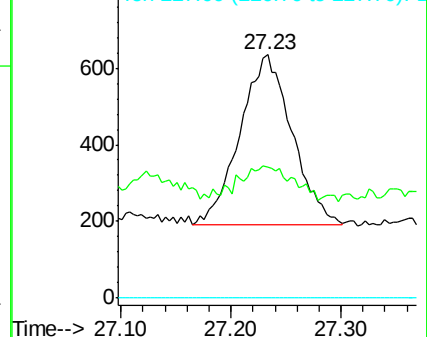
227 0.0 8.0 12.0#

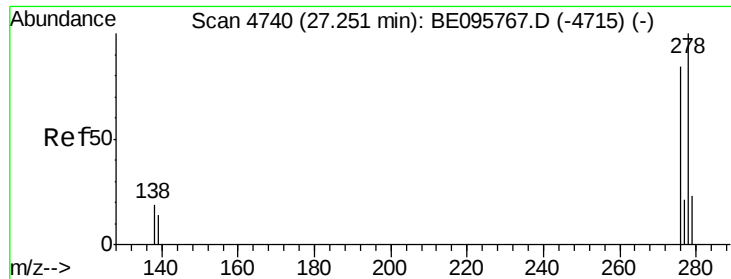


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

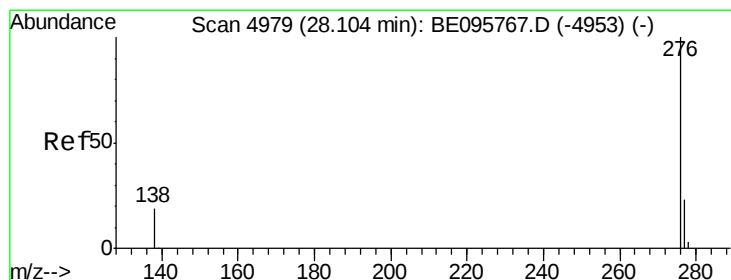
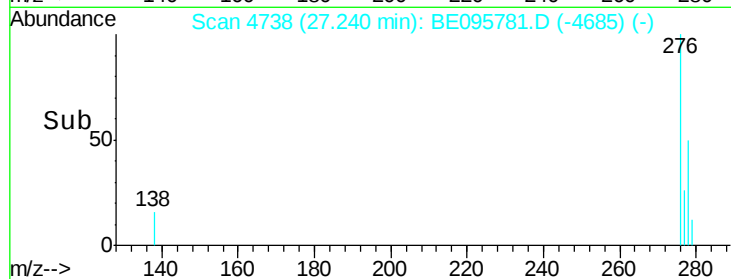
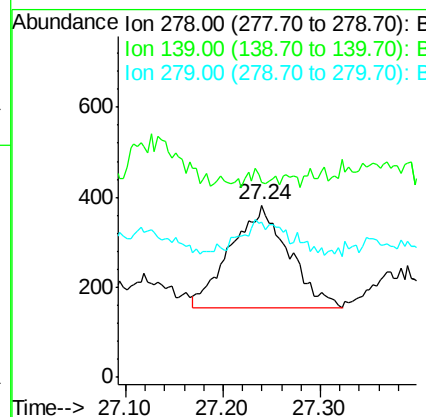
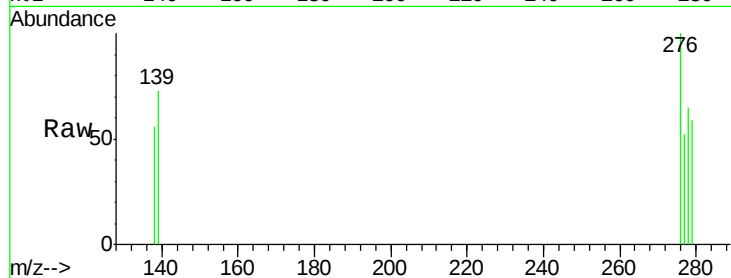




#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 27.24 min Scan# 4738
Delta R.T. -0.01 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 951
Ion Ratio Lower Upper
278 100
139 113.4 17.4 26.0#
279 90.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.165 ng/ul
RT: 28.11 min Scan# 4981
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:276 Resp: 5005
Ion Ratio Lower Upper
276 100
138 33.1 21.8 32.8#
277 34.9 20.5 30.7#

