

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095809.D
 Acq On : 15 Mar 2018 18:28
 Operator : SJ/JU
 Sample : J1835-14DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 02:41:08 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 02:40:12 2018
 Response via : Initial Calibration

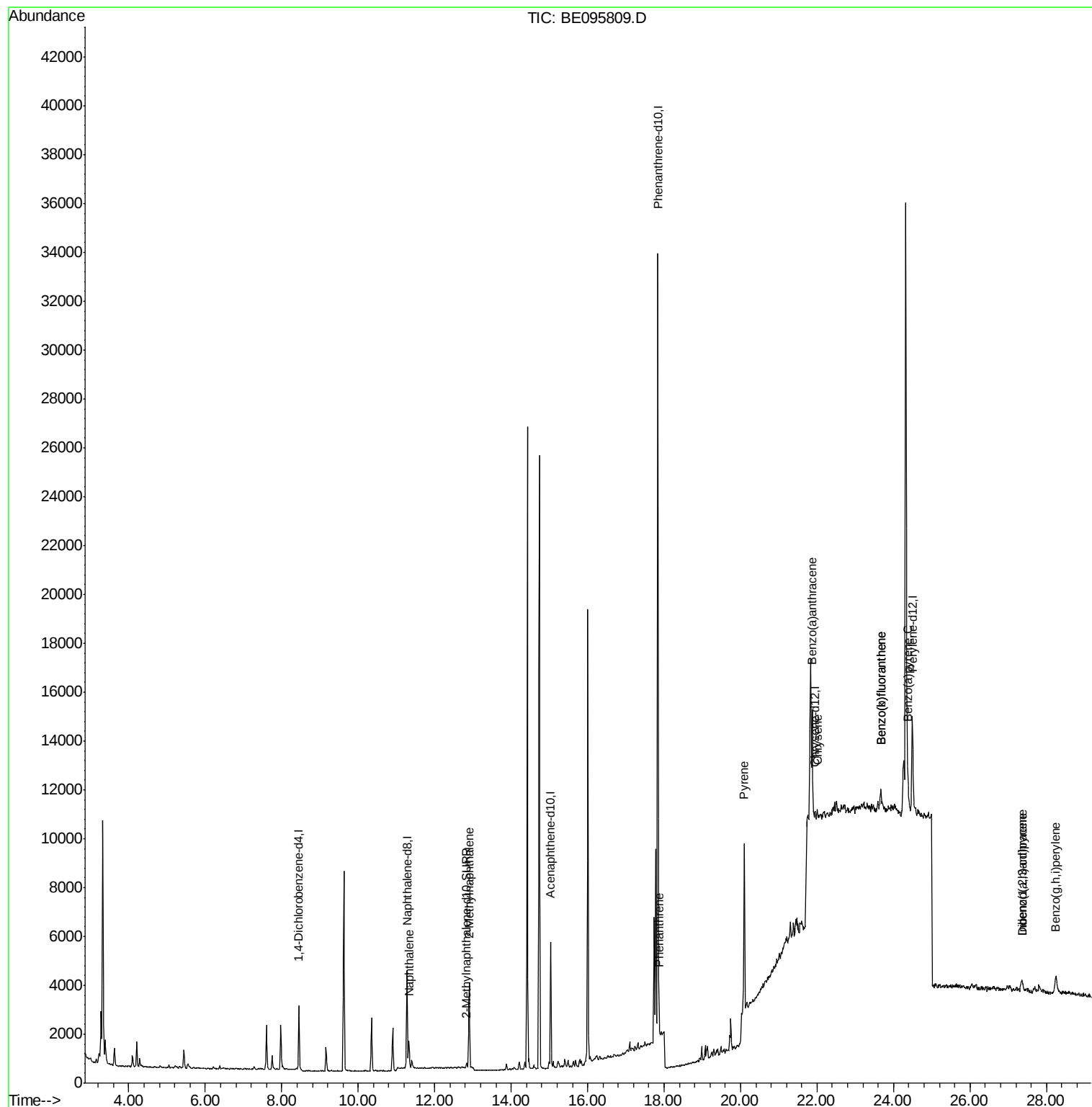
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1885	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	5408	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	2917	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.84	188	37162	0.40	ng/ul	0.09
16) Chrysene-d12	21.96	240	49	0.40	ng/ul	0.12
20) Perylene-d12	24.49	264	6439	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	247	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.84	212	23	0.00	ng/ul	0.12
Target Compounds						
					Ovalue	
3) Naphthalene	11.33	128	1554	0.103	ng/ul#	85
5) 2-Methylnaphthalene	12.90	142	2821	0.269	ng/ul	97
12) Phenanthrene	17.87	178	3114	0.028	ng/ul#	67
17) Pyrene	20.10	202	7916	42.546	ng/ul#	80
18) Benzo(a)anthracene	21.87	228	4745	30.012	ng/ul#	53
19) Chrysene	22.01	228	176	1.093	ng/ul#	1
21) Benzo(b)fluoranthene	23.67	252	2001	0.090	ng/ul#	1
22) Benzo(k)fluoranthene	23.67	252	1772	0.084	ng/ul#	1
23) Benzo(a)pyrene	24.37	252	2083	0.102	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.35	276	747	0.033	ng/ul#	64
25) Dibenzo(a,h)anthracene	27.37	278	461	0.026	ng/ul#	1
26) Benzo(g,h,i)perylene	28.24	276	2504	0.129	ng/ul#	18

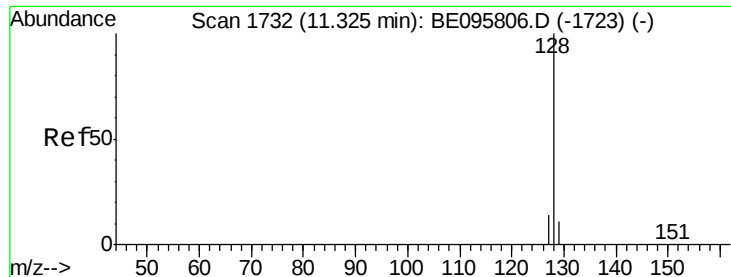
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.103 ng/ul

RT: 11.33 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_E

ClientSampleId :

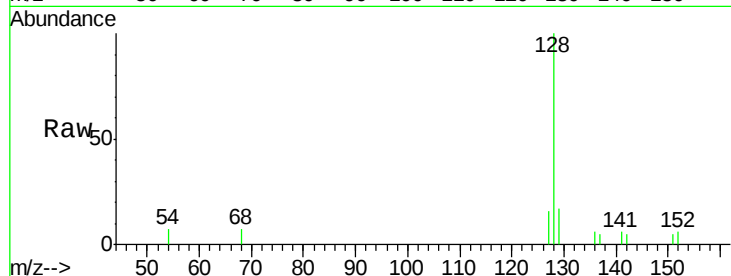
Tot Ion:128 Resp: 1554

Ion Ratio Lower Upper

128 100

129 17.3 11.3 16.9#

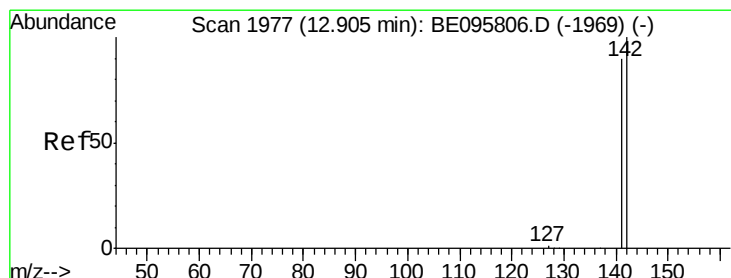
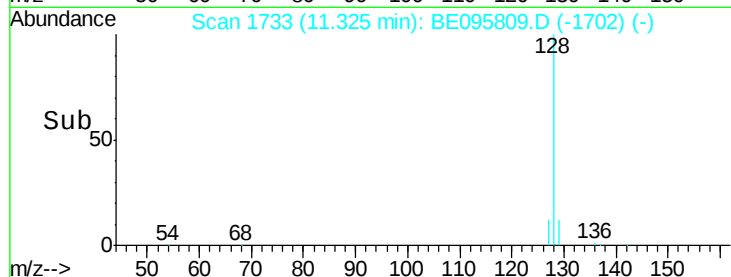
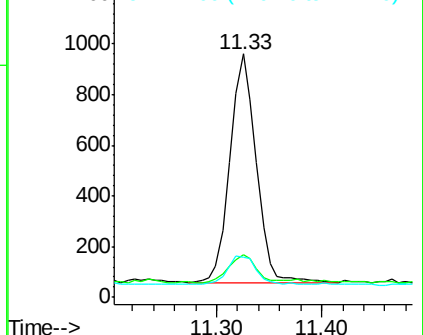
127 16.3 4.0 6.0#



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: 0.269 ng/ul

RT: 12.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BE095809.D

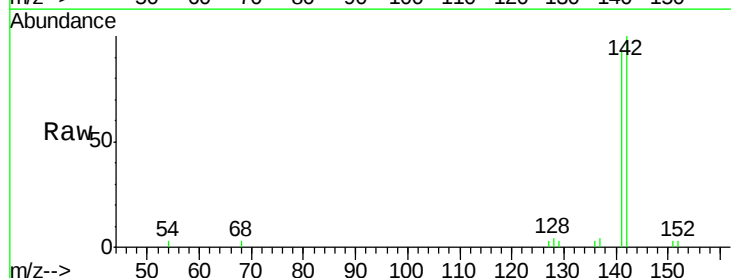
Acq: 15 Mar 2018 18:28

Tgt Ion:142 Resp: 2821

Ion Ratio Lower Upper

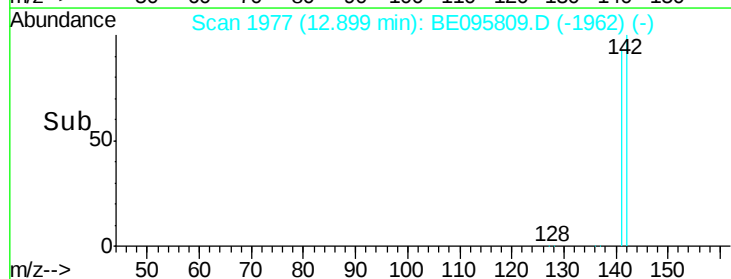
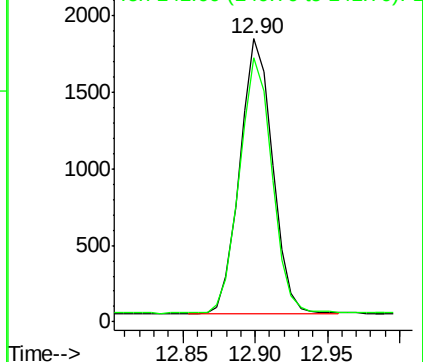
142 100

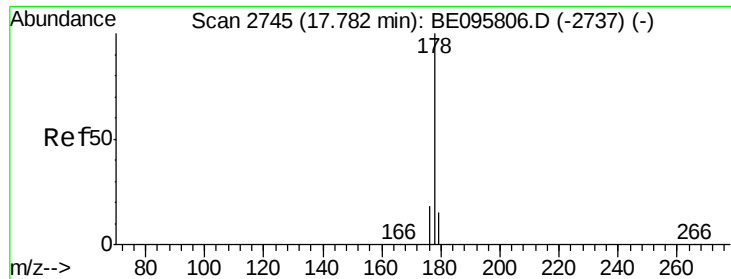
141 93.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.028 ng/ul

RT: 17.87 min Scan# 2759

Delta R.T. 0.09 min

Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_E

ClientSampleId :

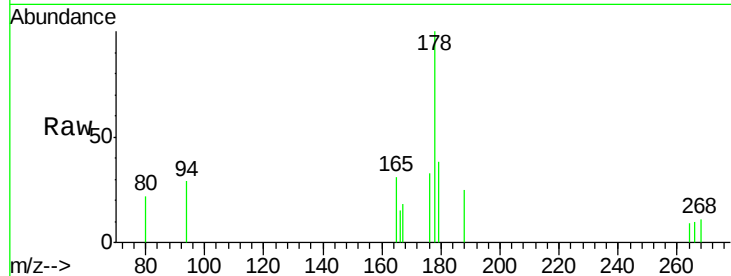
Tot Ion:178 Resp: 3114

Ion Ratio Lower Upper

178 100

179 38.0 18.4 27.6#

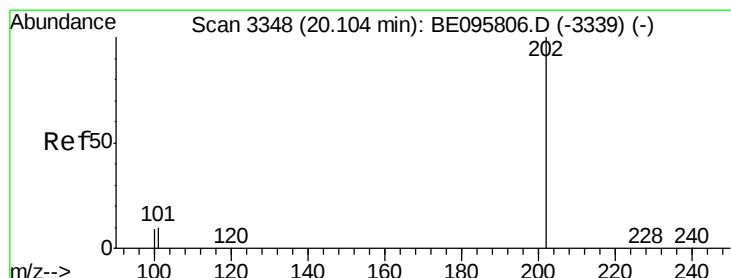
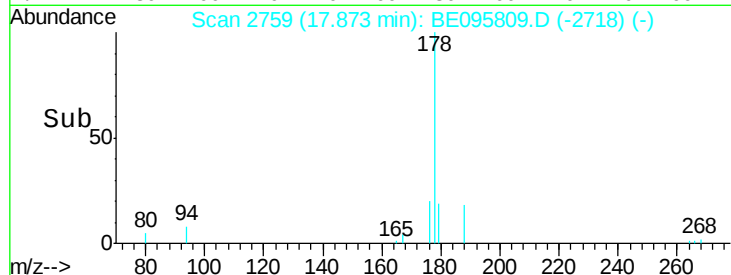
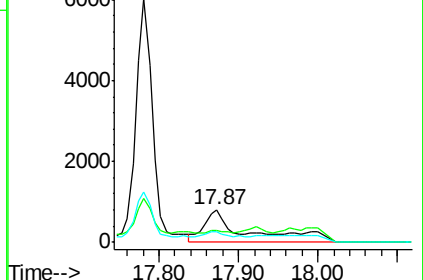
176 32.6 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#17

Pyrene

Concen: 42.546 ng/ul

RT: 20.10 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

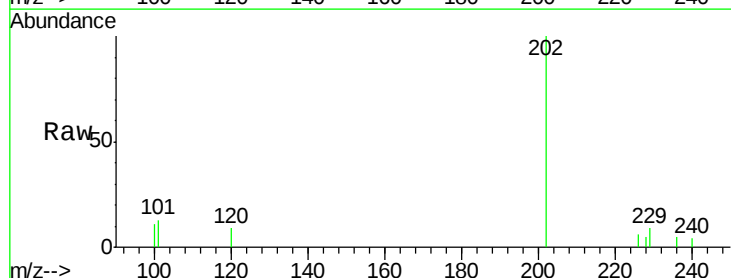
Tgt Ion:202 Resp: 7916

Ion Ratio Lower Upper

202 100

101 13.2 18.2 27.4#

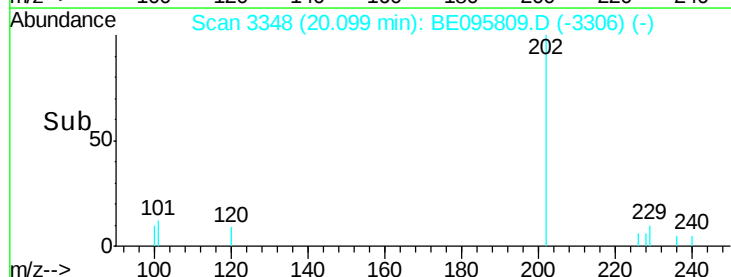
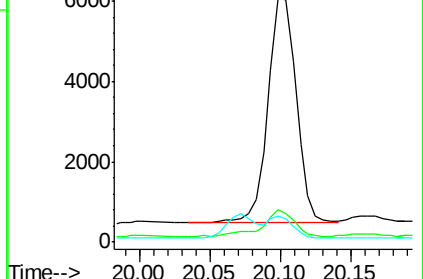
100 10.7 15.6 23.4#

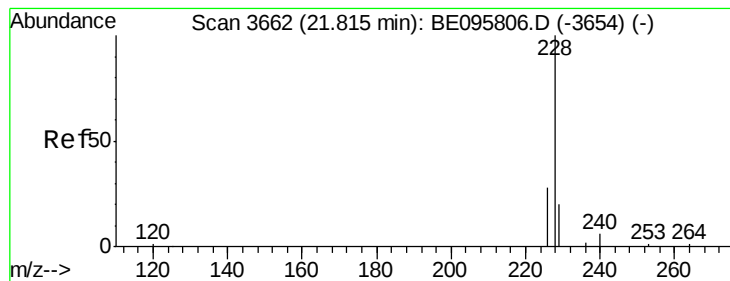


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

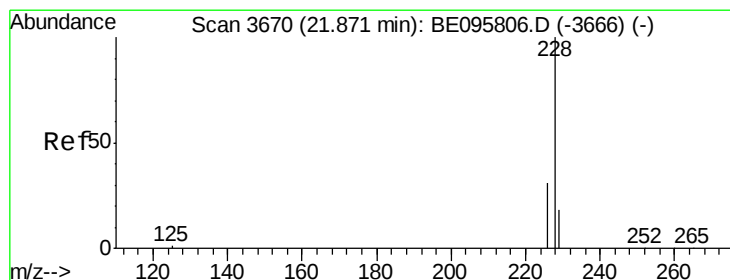
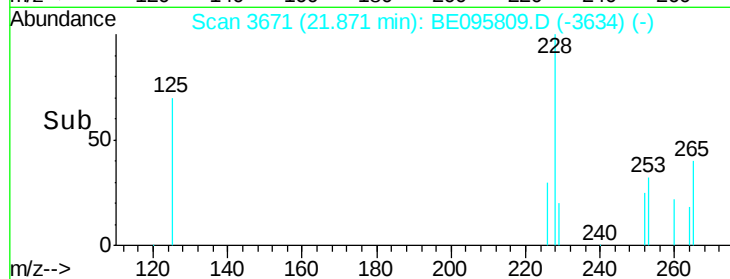
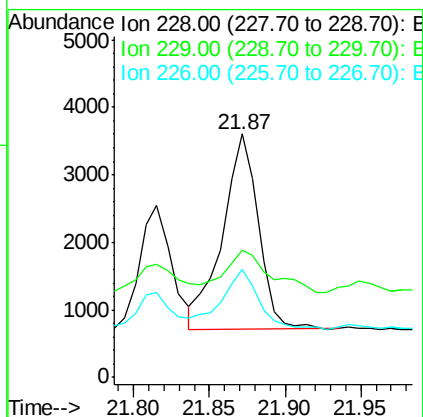
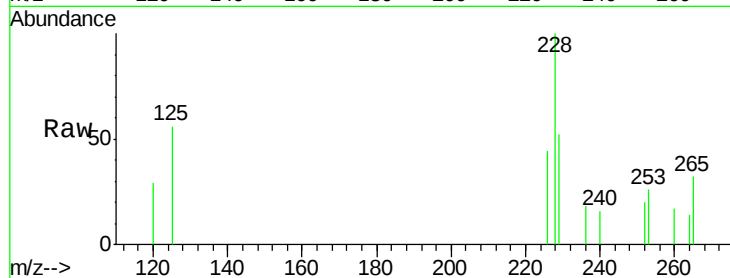




#18
Benzo(a)anthracene
Concen: 30.012 ng/ul
RT: 21.87 min Scan# 3671
Delta R.T. 0.06 min
Lab File: BE095809.D
Acq: 15 Mar 2018 18:28

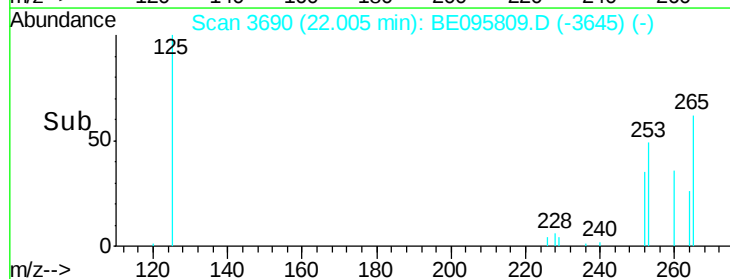
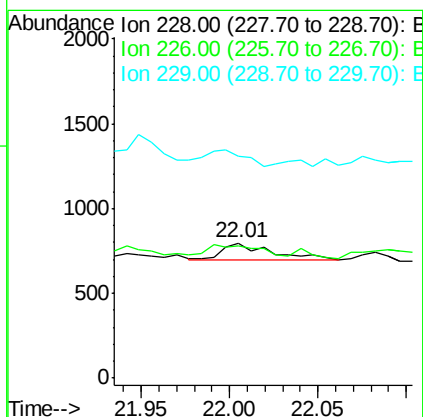
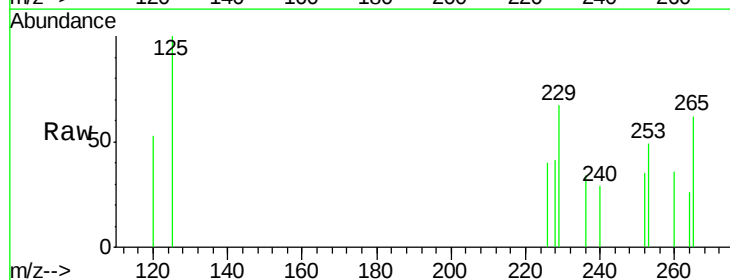
Instrument :
BNA_E
ClientSampleId :

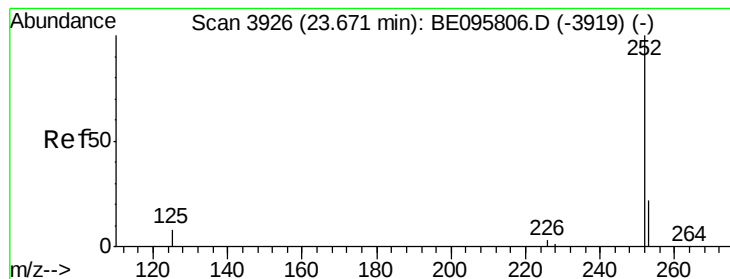
Tot Ion:228 Resp: 4745
Ion Ratio Lower Upper
228 100
229 52.1 22.8 34.2#
226 44.4 17.0 25.6#



#19
Chrysene
Concen: 1.093 ng/ul
RT: 22.01 min Scan# 3690
Delta R.T. 0.13 min
Lab File: BE095809.D
Acq: 15 Mar 2018 18:28

Tgt Ion:228 Resp: 176
Ion Ratio Lower Upper
228 100
226 97.9 23.4 35.0#
229 164.3 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.090 ng/ul

RT: 23.67 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_E

ClientSampleId :

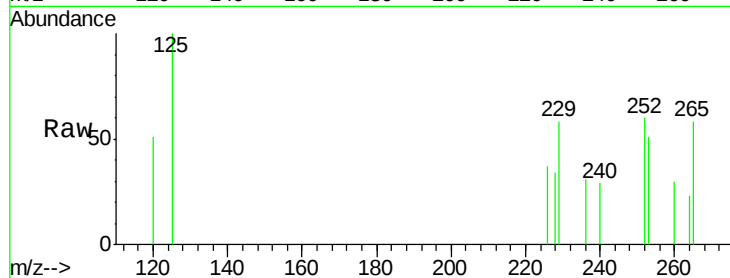
Tot Ion:252 Resp: 2001

Ion Ratio Lower Upper

252 100

253 86.0 0.0 64.2#

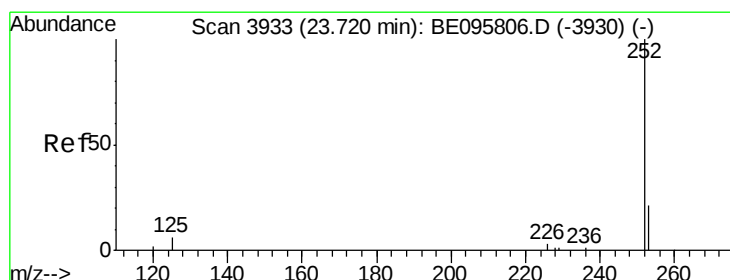
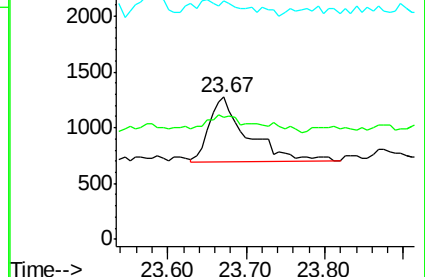
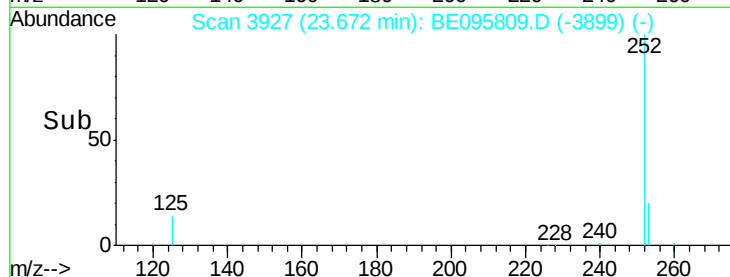
125 167.7 0.0 35.0#



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: 0.084 ng/ul

RT: 23.67 min Scan# 3927

Delta R.T. -0.05 min

Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

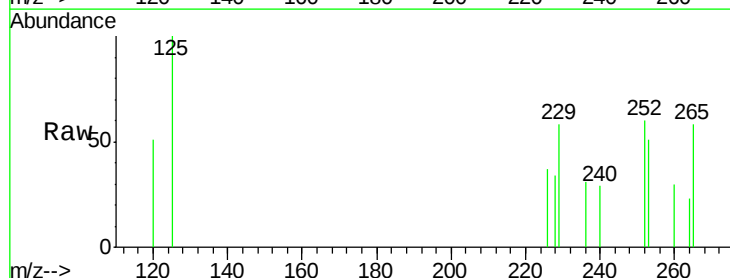
Tgt Ion:252 Resp: 1772

Ion Ratio Lower Upper

252 100

253 86.0 24.5 36.7#

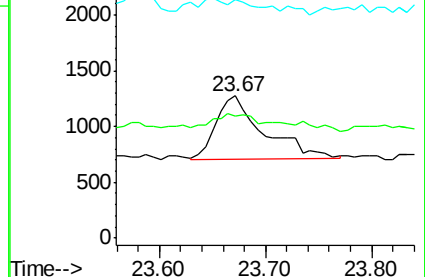
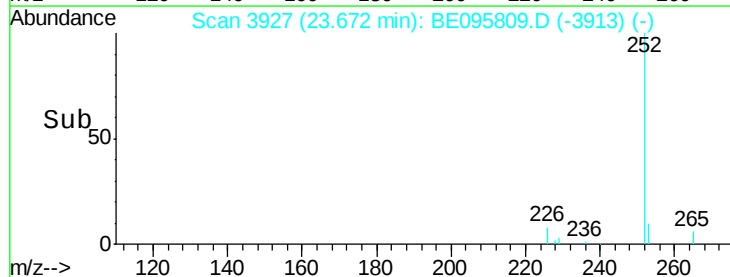
125 167.7 13.7 20.5#

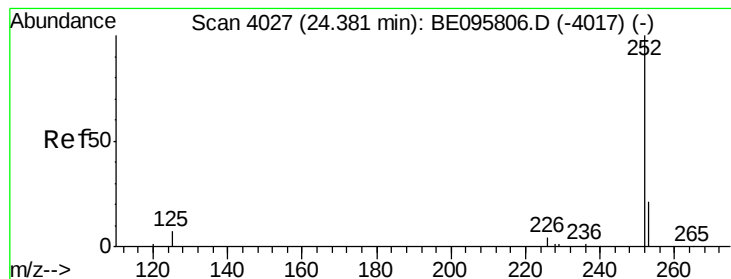


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.102 ng/u1

RT: 24.37 min Scan# 4027

Delta R.T. -0.01 min

Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_E

ClientSampleId :

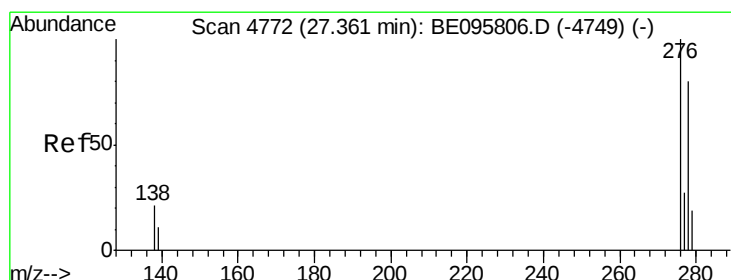
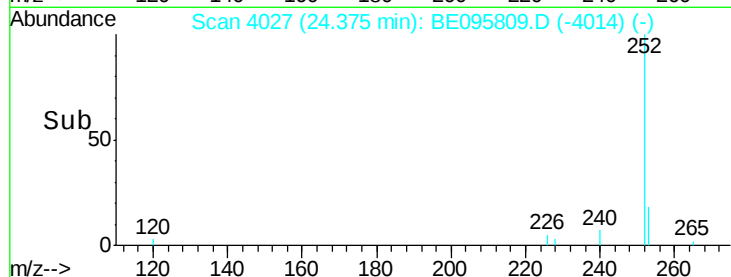
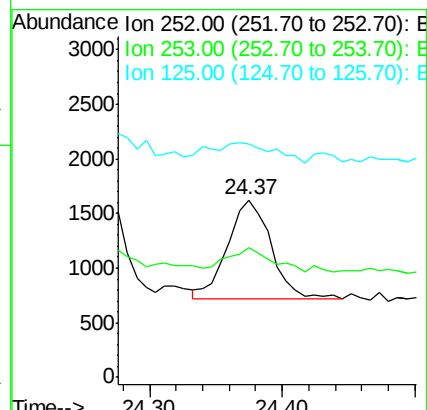
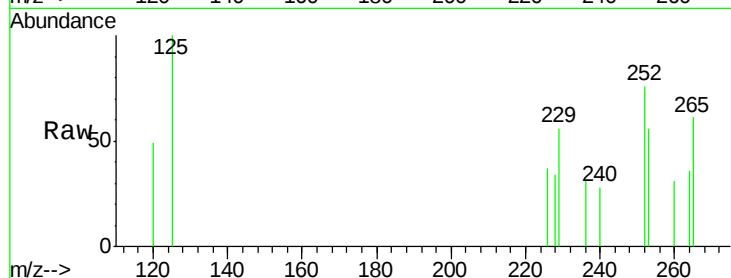
Tot Ion:252 Resp: 2083

Ion Ratio Lower Upper

252 100

253 73.3 28.5 42.7#

125 131.5 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.033 ng/u1

RT: 27.35 min Scan# 4770

Delta R.T. -0.01 min

Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

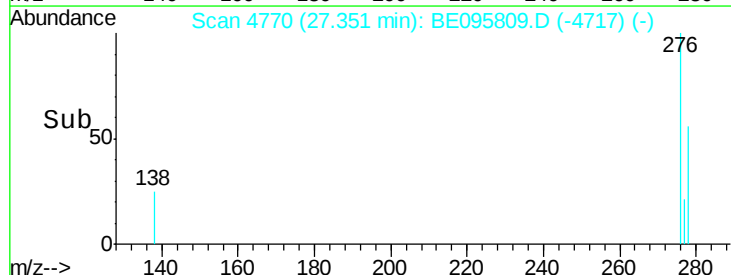
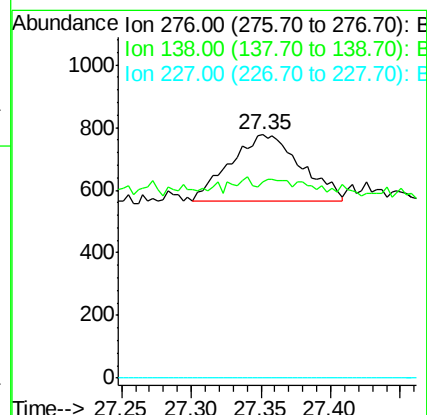
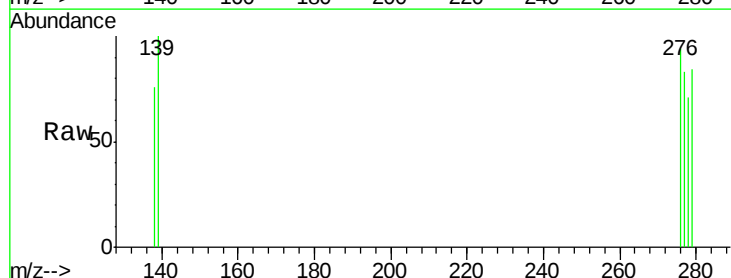
Tgt Ion:276 Resp: 747

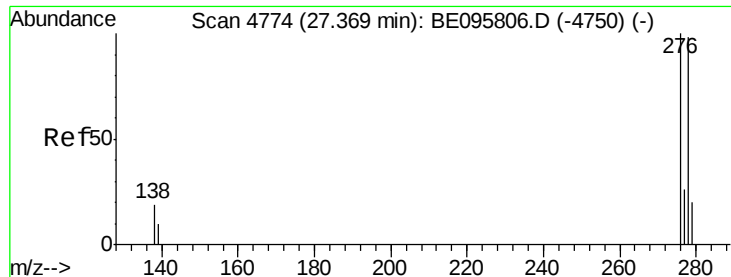
Ion Ratio Lower Upper

276 100

138 12.6 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.026 ng/u1

RT: 27.37 min Scan# 4775

Delta R.T. 0.00 min

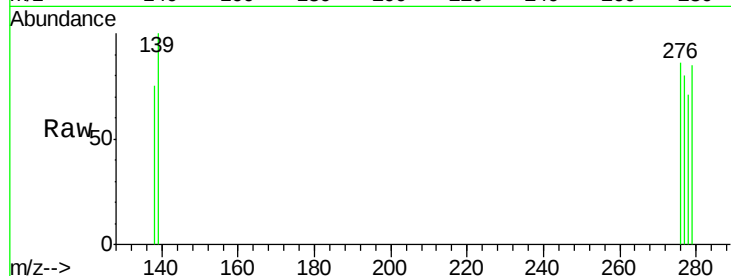
Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_E

ClientSampled :



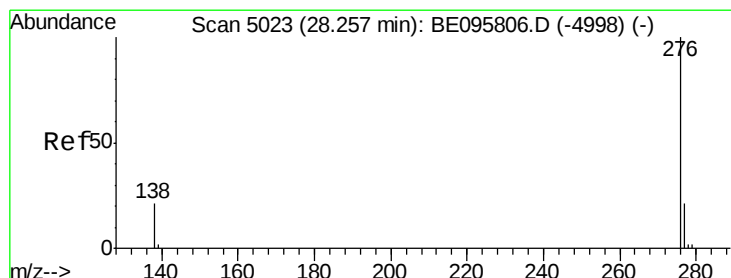
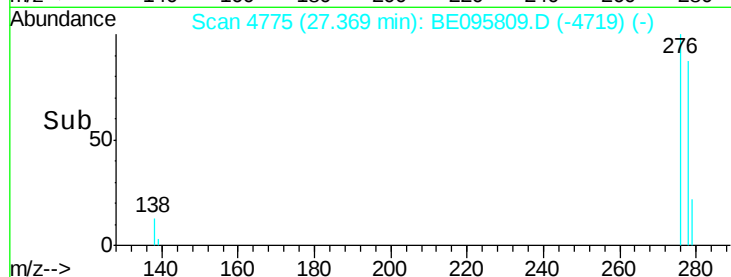
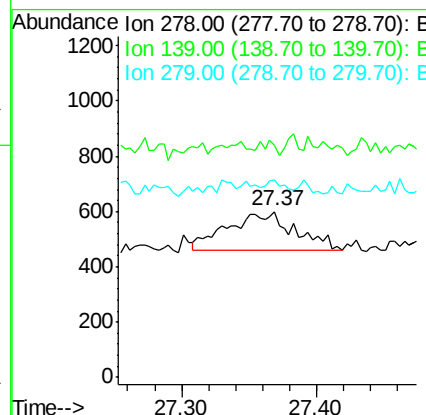
Tot Ion:278 Resp: 461

Ion Ratio Lower Upper

278 100

139 140.6 17.4 26.0#

279 119.2 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.129 ng/u1

RT: 28.24 min Scan# 5020

Delta R.T. -0.01 min

Lab File: BE095809.D

Acq: 15 Mar 2018 18:28

Tgt Ion:276 Resp: 2504

Ion Ratio Lower Upper

276 100

138 64.7 21.8 32.8#

277 72.3 20.5 30.7#

