

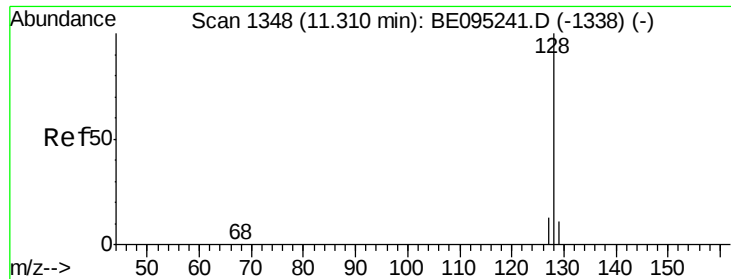
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095251.D
 Acq On : 29 Jan 2018 17:44
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B23

Quant Time: Jan 30 04:45:10 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2234	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6905	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4511	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.81	240	9775	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	651019	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4325	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12621	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.31	128	102220	5.287	ng/ul#	87
5) 2-Methylnaphthalene	12.89	142	30384	2.353	ng/ul	100
8) Acenaphthene	15.08	153	3632	0.216	ng/ul	95
17) Pyrene	20.08	202	6188	0.189	ng/ul#	87
18) Benzo(a)anthracene	21.79	228	1357	0.044	ng/ul#	84
19) Chrysene	21.84	228	884	0.028	ng/ul#	80

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



#3

Naphthalene

Concen: 5.287 ng/ul

RT: 11.31 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095251.D

Acq: 29 Jan 2018 17:44

Instrument :

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ClientSampleId :

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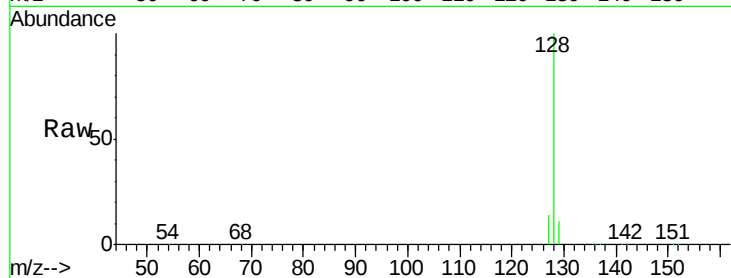
Tot Ion:128 Resp: 102220

Ion Ratio Lower Upper

128 100

129 10.8 11.3 16.9#

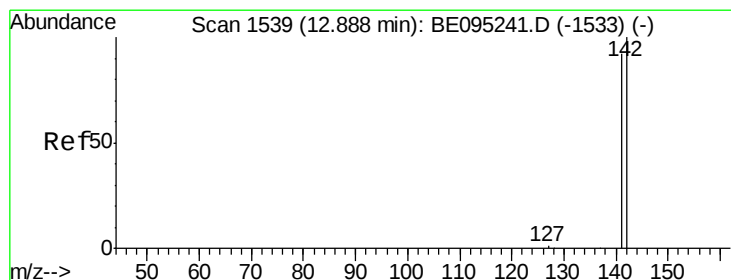
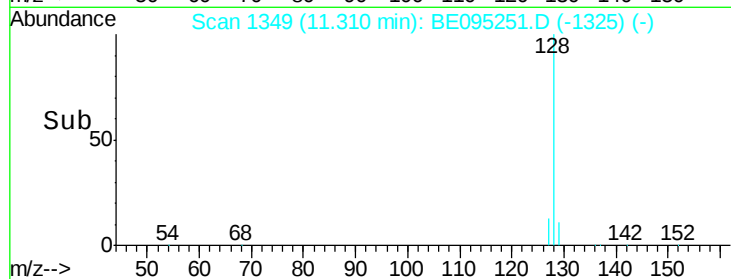
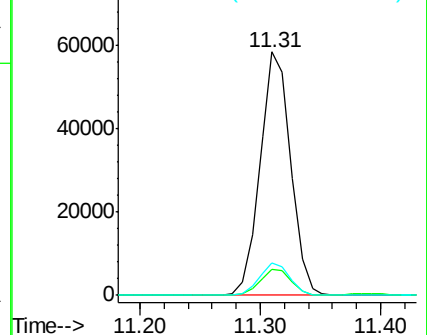
127 13.5 4.0 6.0#



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: 2.353 ng/ul

RT: 12.89 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BE095251.D

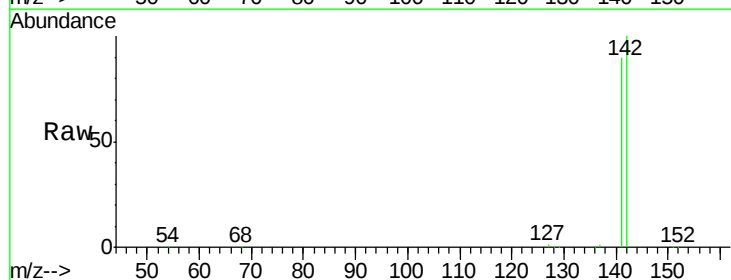
Acq: 29 Jan 2018 17:44

Tgt Ion:142 Resp: 30384

Ion Ratio Lower Upper

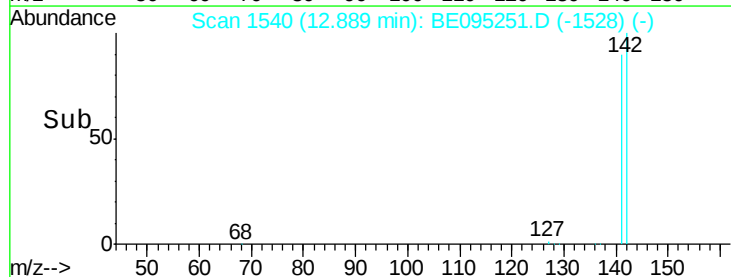
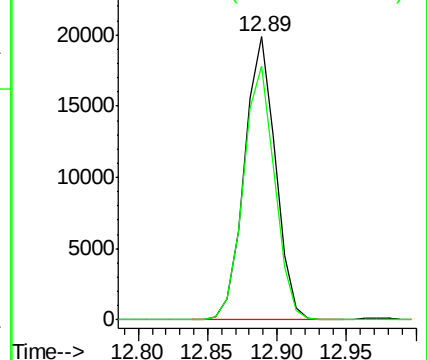
142 100

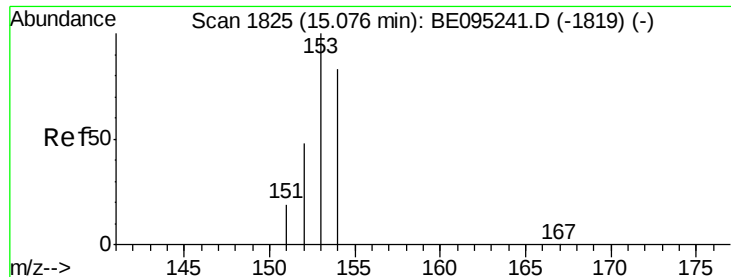
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.216 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095251.D

Acq: 29 Jan 2018 17:44

Instrument :

BNA_E

ClientSampleId :

F6B23

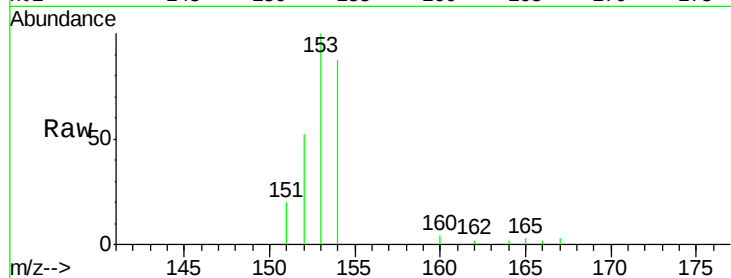
Tot Ion:153 Resp: 3632

Ion Ratio Lower Upper

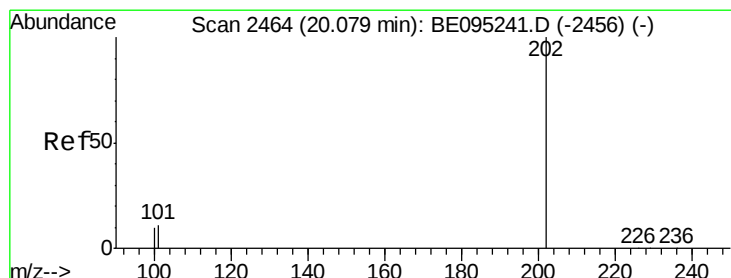
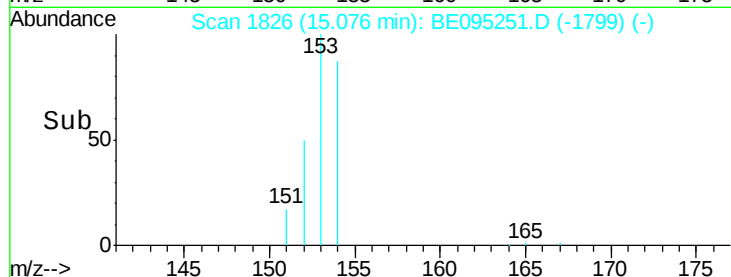
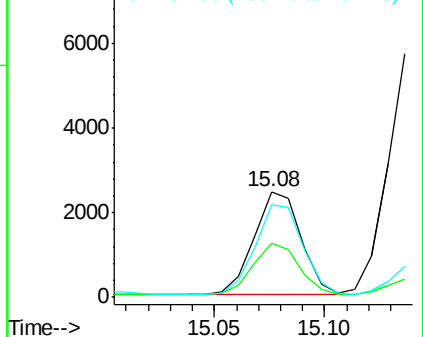
153 100

152 51.5 36.0 54.0

154 87.4 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#17

Pyrene

Concen: 0.189 ng/ul

RT: 20.08 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BE095251.D

Acq: 29 Jan 2018 17:44

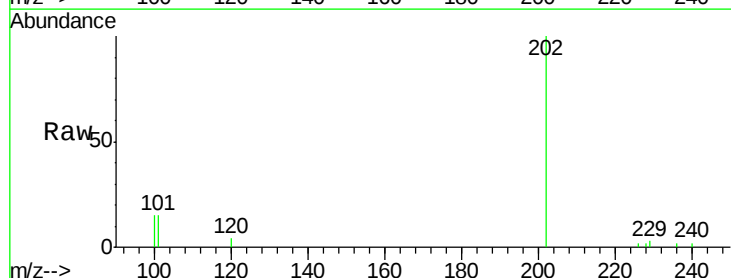
Tgt Ion:202 Resp: 6188

Ion Ratio Lower Upper

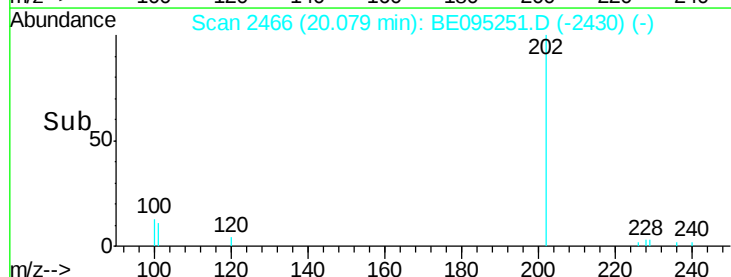
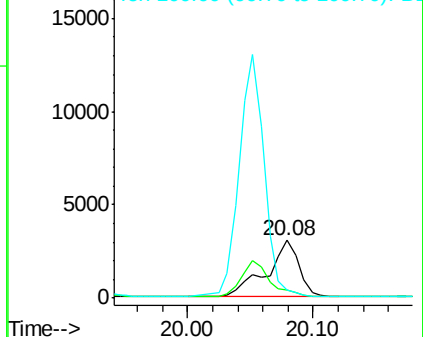
202 100

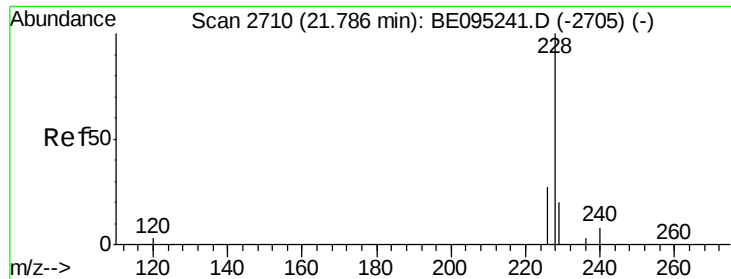
101 15.1 18.2 27.4#

100 14.8 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: 0.044 ng/ul

RT: 21.79 min Scan# 2712

Delta R.T. 0.00 min

Lab File: BE095251.D

Acq: 29 Jan 2018 17:44

Instrument :

BNA_E

ClientSampleId :

F6B23

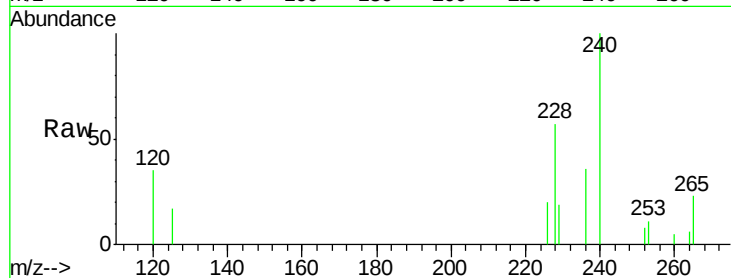
Tot Ion:228 Resp: 1357

Ion Ratio Lower Upper

228 100

229 32.7 22.8 34.2

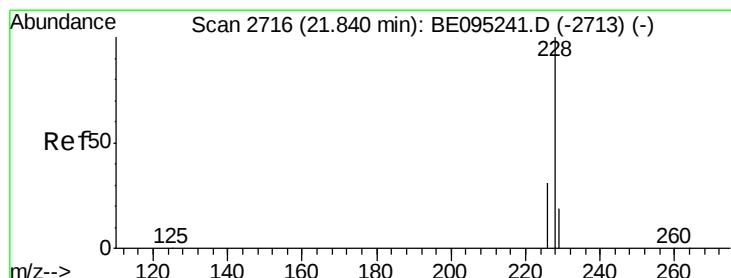
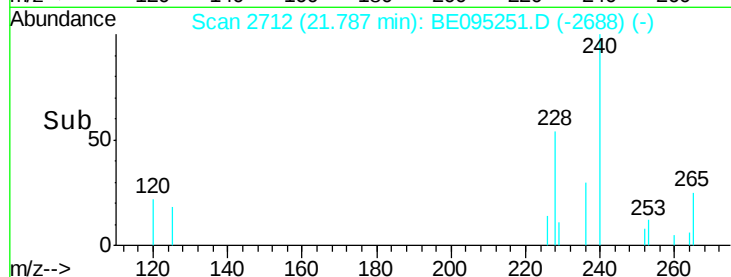
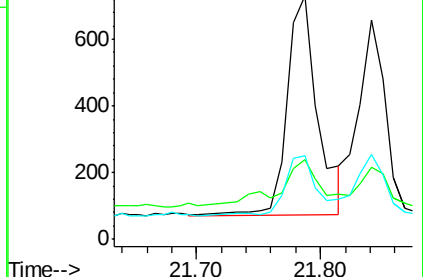
226 34.4 17.0 25.6#



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: 0.028 ng/ul

RT: 21.84 min Scan# 2718

Delta R.T. 0.00 min

Lab File: BE095251.D

Acq: 29 Jan 2018 17:44

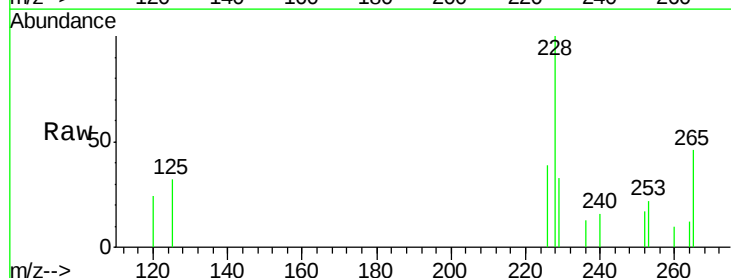
Tgt Ion:228 Resp: 884

Ion Ratio Lower Upper

228 100

226 38.6 23.4 35.0#

229 32.8 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

