

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095221.D
 Acq On : 28 Jan 2018 23:40
 Operator : SJ/JU
 Sample : J1222-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 07:00:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 06:58:46 2018
 Response via : Initial Calibration

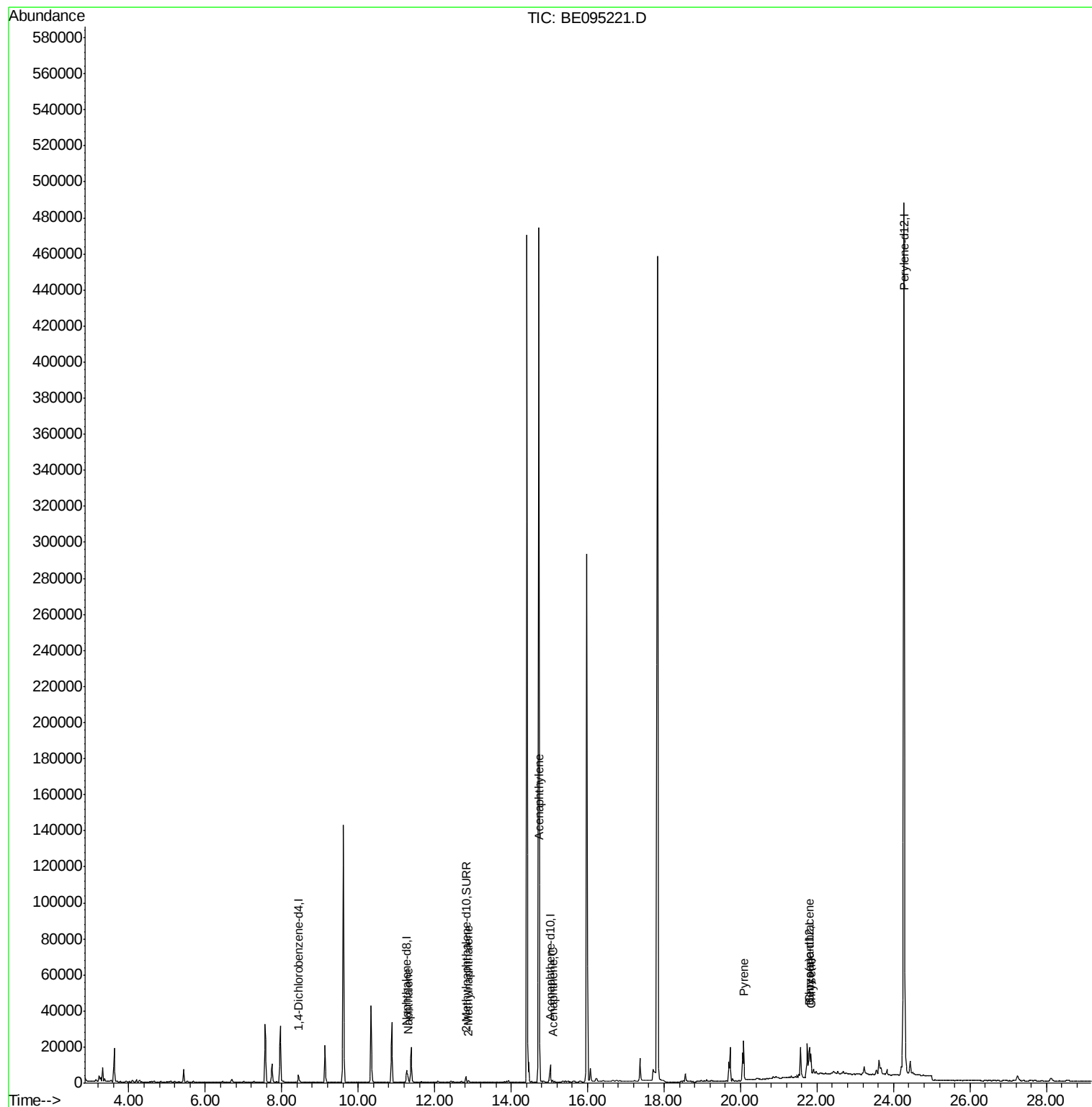
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2741	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	8792	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5622	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	11670	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	559827	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3922	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11389	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.32	128	888	0.036	ng/ul#	75
5) 2-Methylnaphthalene	12.89	142	558	0.034	ng/ul	96
7) Acenaphthylene	14.75	152	624	0.023	ng/ul#	67
8) Acenaphthene	15.08	153	471	0.022	ng/ul#	87
17) Pyrene	20.08	202	24350	0.622	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	10810	0.296	ng/ul#	90
19) Chrysene	21.84	228	13572	0.358	ng/ul	92

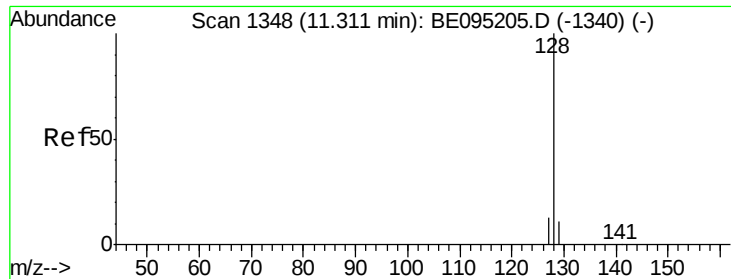
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

ClientSampleId :

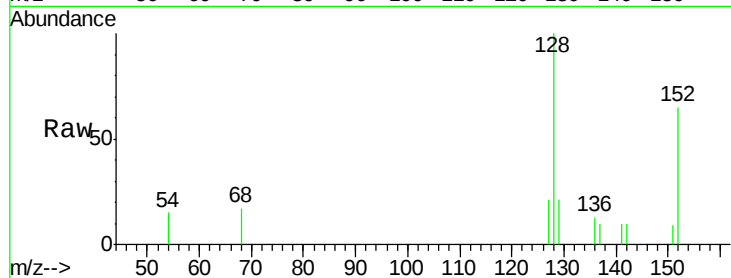
Tot Ion:128 Resp: 888

Ion Ratio Lower Upper

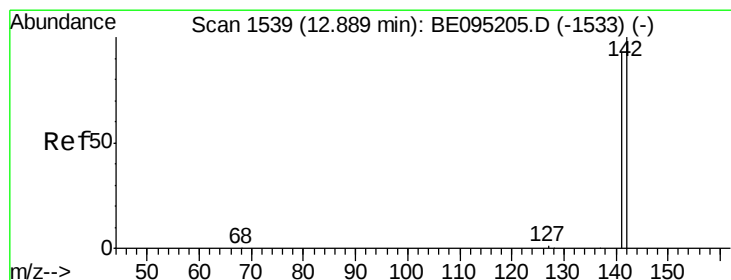
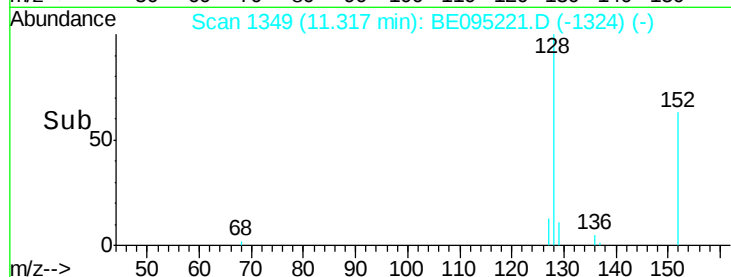
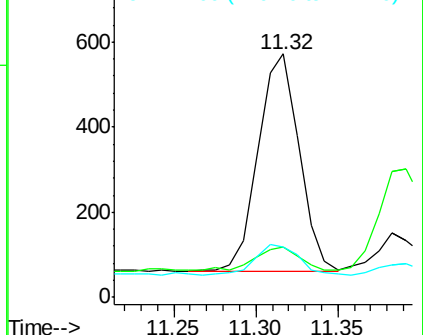
128 100

129 20.8 11.3 16.9#

127 20.8 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: 0.034 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095221.D

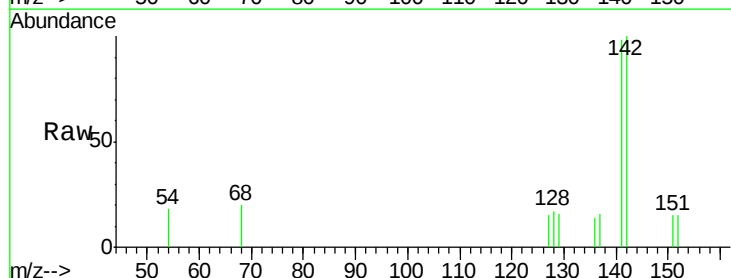
Acq: 28 Jan 2018 23:40

Tgt Ion:142 Resp: 558

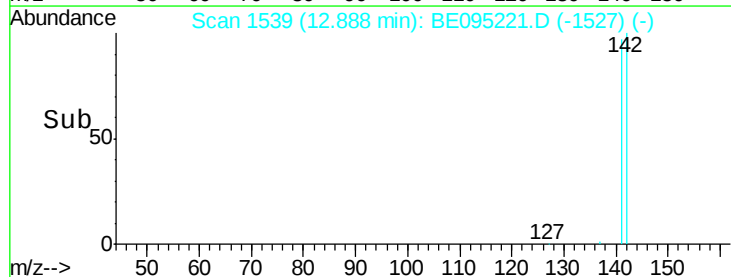
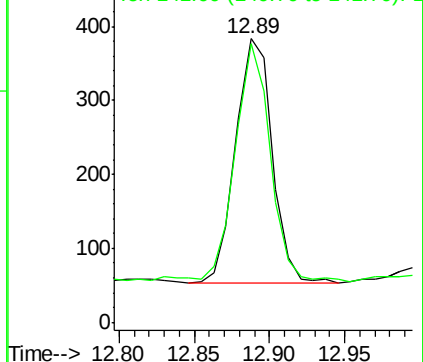
Ion Ratio Lower Upper

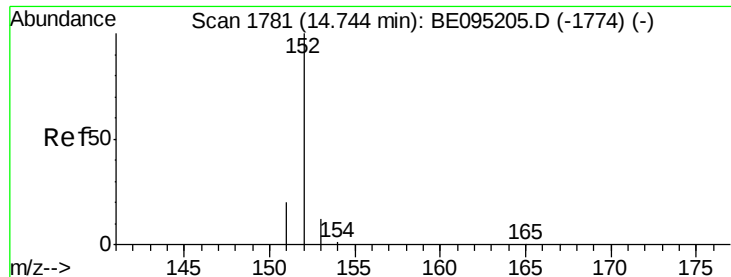
142 100

141 94.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

ClientSampled :

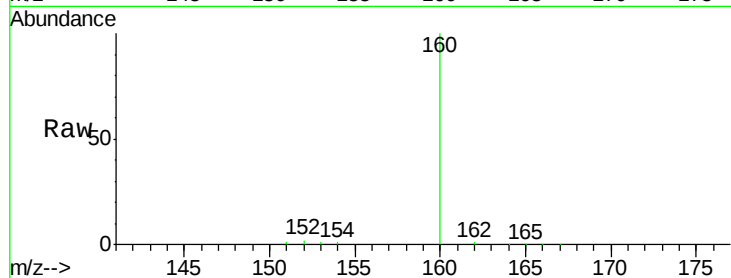
Tot Ion:152 Resp: 624

Ion Ratio Lower Upper

152 100

151 35.2 17.1 25.7#

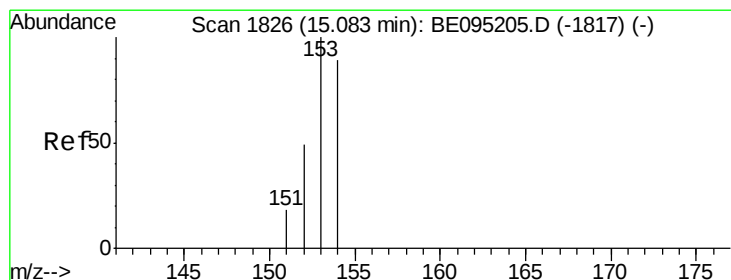
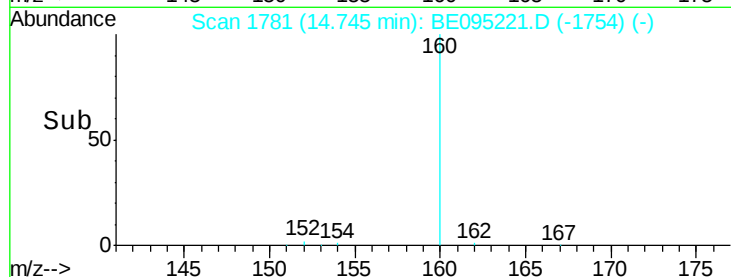
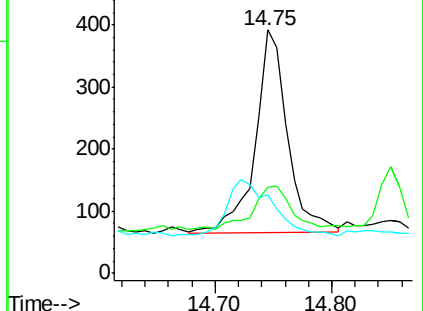
153 32.4 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.022 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

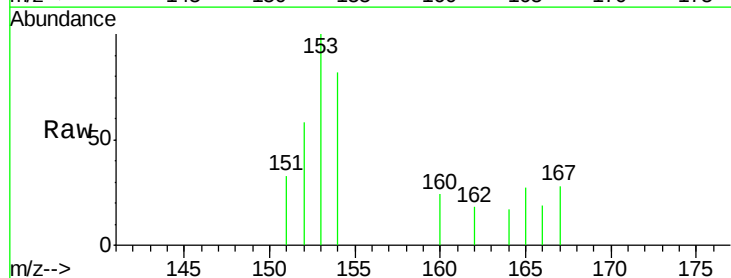
Tgt Ion:153 Resp: 471

Ion Ratio Lower Upper

153 100

152 58.5 36.0 54.0#

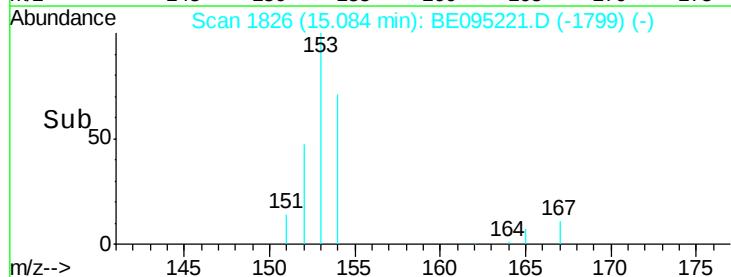
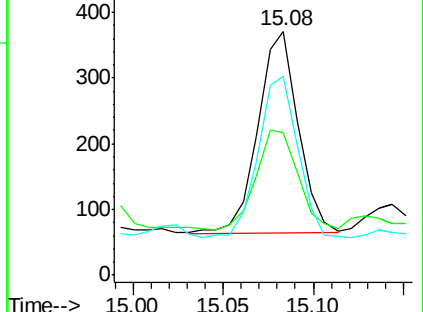
154 81.7 72.0 108.0

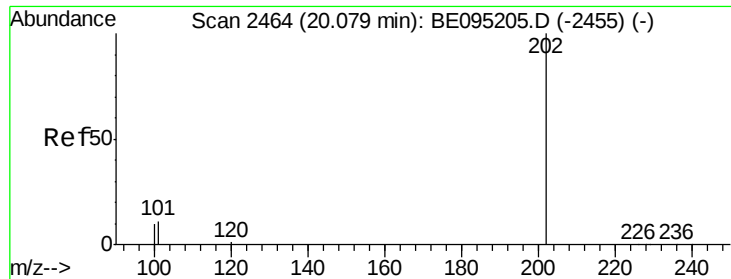


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#17

Pvrene

Concen: 0.622 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

ClientSampleId :

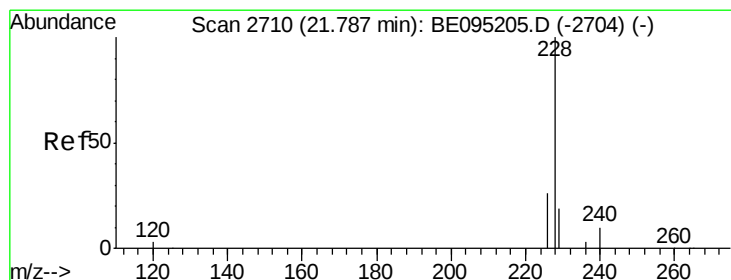
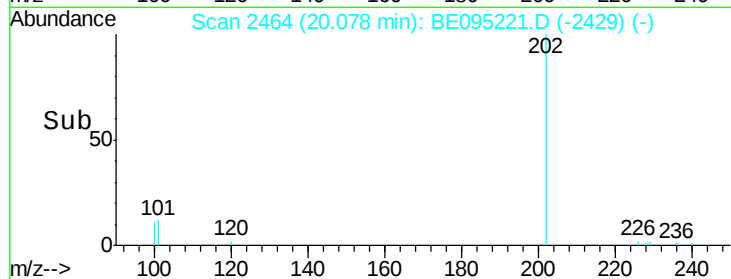
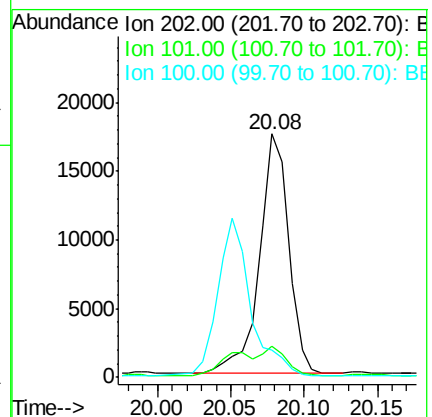
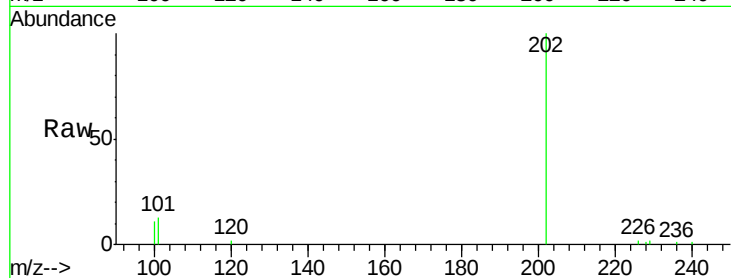
Tot Ion:202 Resp: 24350

Ion Ratio Lower Upper

202 100

101 12.8 18.2 27.4#

100 11.4 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 0.296 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

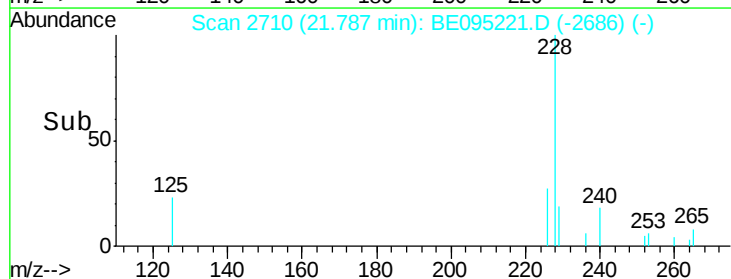
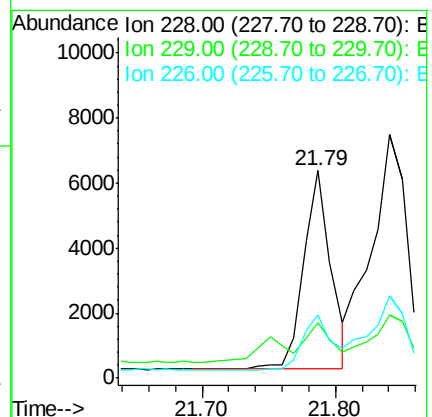
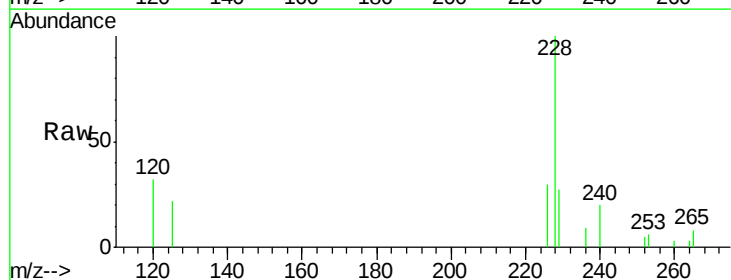
Tgt Ion:228 Resp: 10810

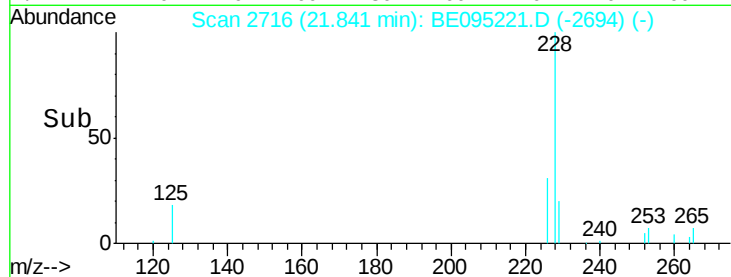
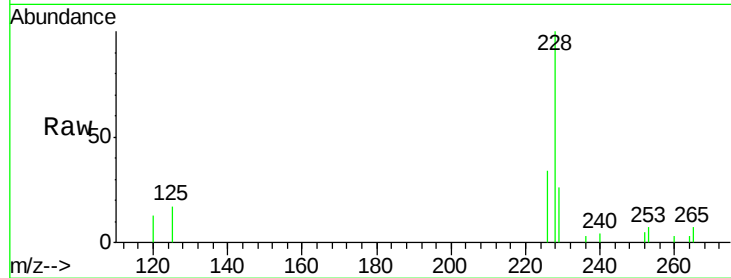
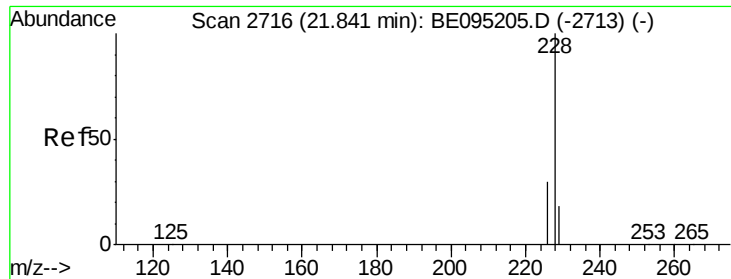
Ion Ratio Lower Upper

228 100

229 26.5 22.8 34.2

226 30.5 17.0 25.6#





#19

Chrysene

Concen: 0.358 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095221.D

Acq: 28 Jan 2018 23:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 13572

Ion Ratio Lower Upper

228 100

226 33.8 23.4 35.0

229 26.0 17.7 26.5

