

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\
 Data File : BE094489.D
 Acq On : 20 Oct 2017 23:58
 Operator : SJ/JU
 Sample : I5840-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 22 02:49:03 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 17:51:02 2017
 Response via : Initial Calibration

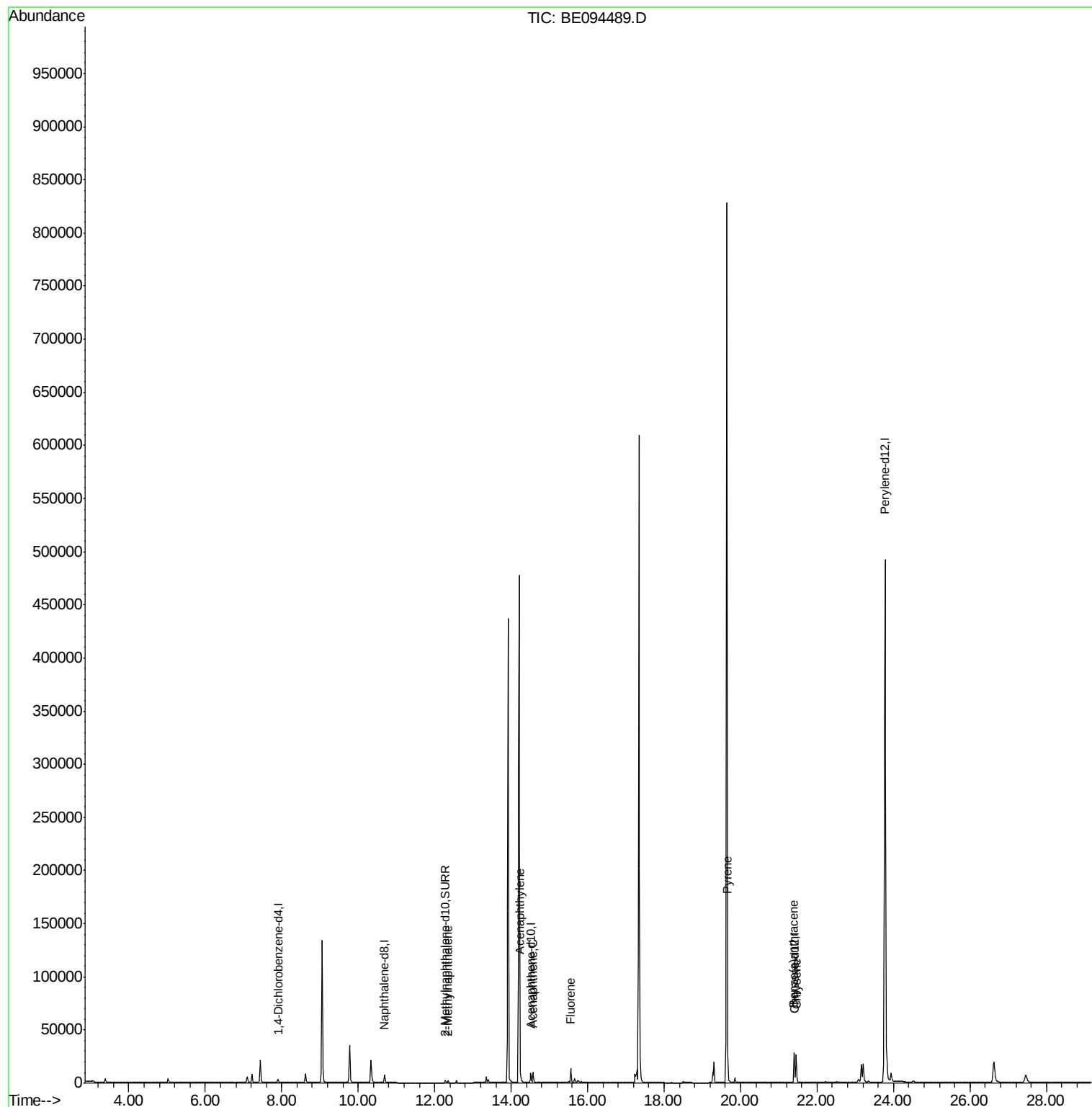
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1483	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8271	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5219	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.42	240	11599	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	729891	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3972	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10722	0.00	ng/ul	-0.01
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.35	142	2018	0.154	ng/ul	99
7) Acenaphthylene	14.24	152	6802	0.334	ng/ul	97
8) Acenaphthene	14.57	153	5686	0.339	ng/ul	98
9) Fluorene	15.56	166	8236	0.420	ng/ul#	92
17) Pyrene	19.66	202	26046	0.807	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	24810	0.806	ng/ul#	86
19) Chrysene	21.46	228	26139	0.736	ng/ul	98

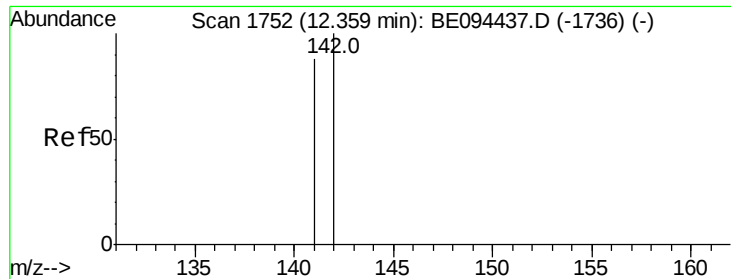
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.154 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094489.D

Acq: 20 Oct 2017 23:58

Instrument :

BNA_E

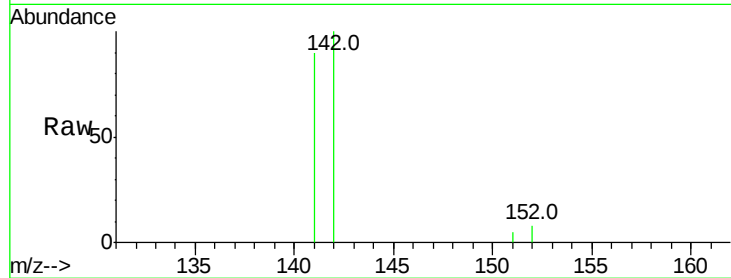
ClientSampleId :

Tot Ion:142 Resp: 2018

Ion Ratio Lower Upper

142 100

141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

1200

1000

800

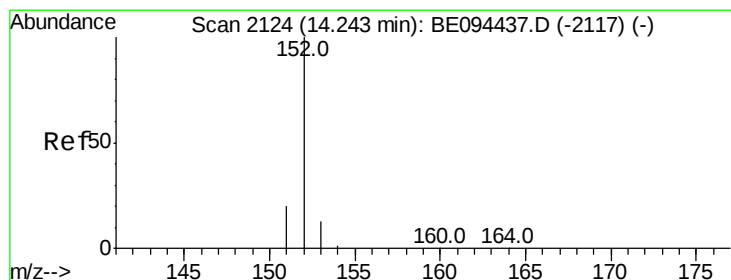
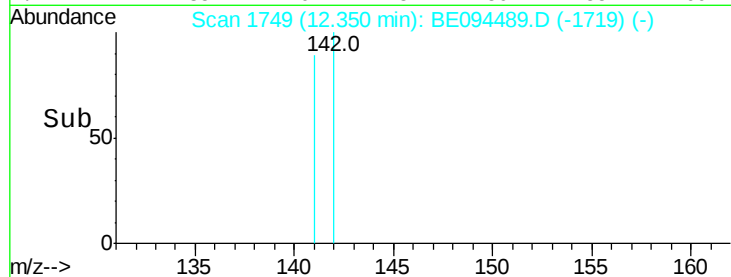
600

400

200

0

Time-->



#7

Acenaphthylene

Concen: 0.334 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094489.D

Acq: 20 Oct 2017 23:58

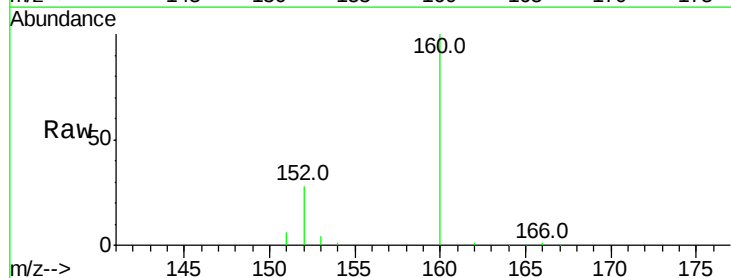
Tgt Ion:152 Resp: 6802

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

153 14.1 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

6000

5000

4000

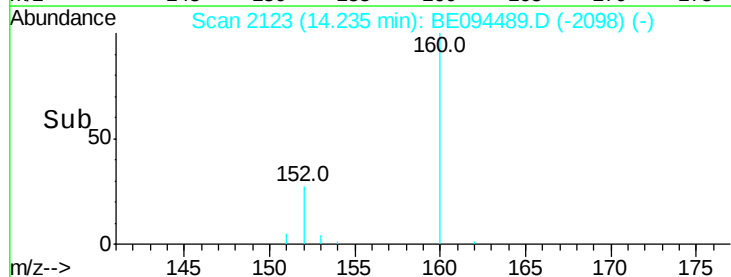
3000

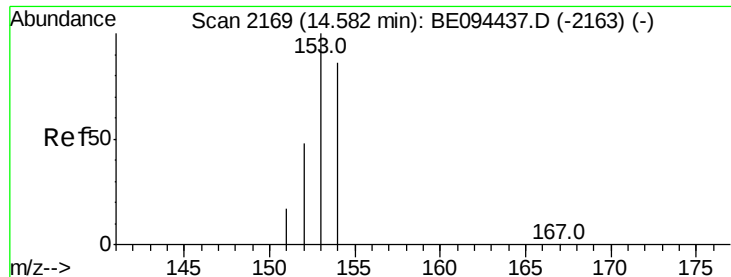
2000

1000

0

Time-->





#8

Acenaphthene

Concen: 0.339 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094489.D

Acq: 20 Oct 2017 23:58

Instrument :

BNA_E

ClientSampled :

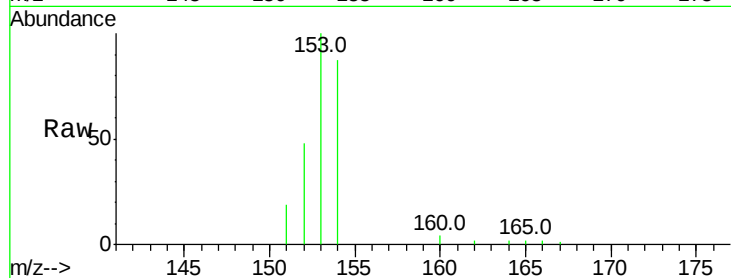
Tot Ion:153 Resp: 5686

Ion Ratio Lower Upper

153 100

152 48.2 40.3 60.5

154 87.4 71.4 107.2



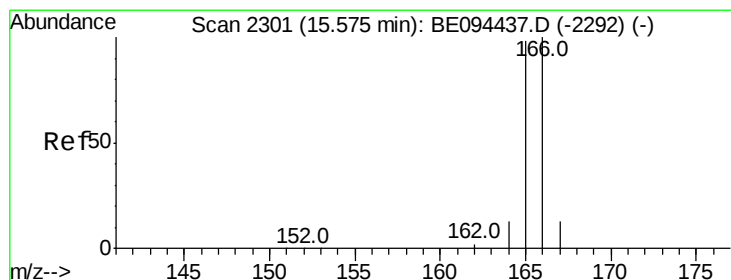
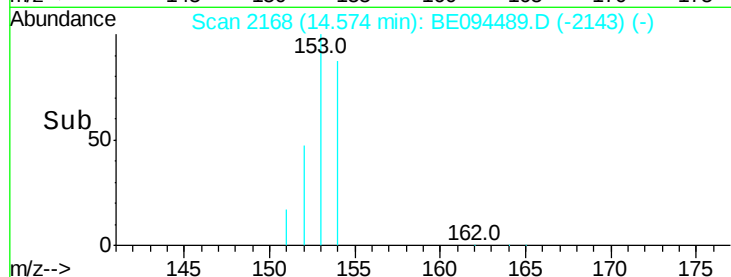
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.57

Time-->



#9

Fluorene

Concen: 0.420 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094489.D

Acq: 20 Oct 2017 23:58

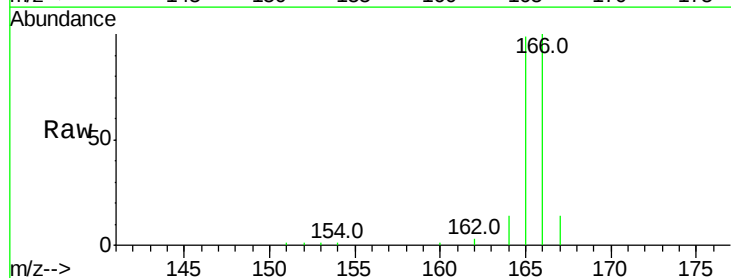
Tgt Ion:166 Resp: 8236

Ion Ratio Lower Upper

166 100

165 98.9 73.4 110.2

167 13.9 14.6 22.0#



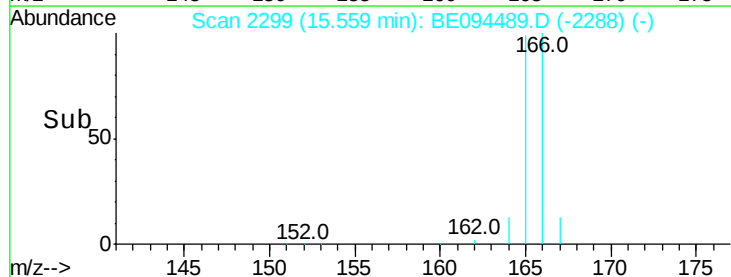
Abundance Ion 166.00 (165.70 to 166.70): E

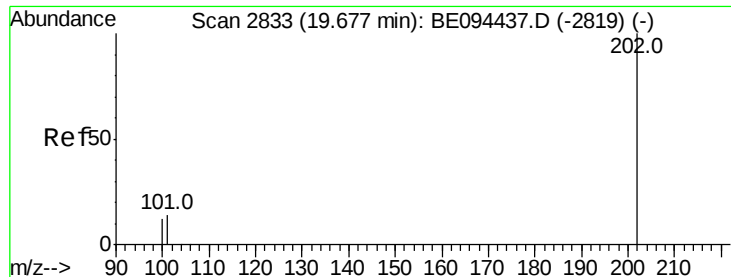
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.56

Time-->





#17

Pvrene

Concen: 0.807 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094489.D

Acq: 20 Oct 2017 23:58

Instrument :

BNA_E

ClientSampleId :

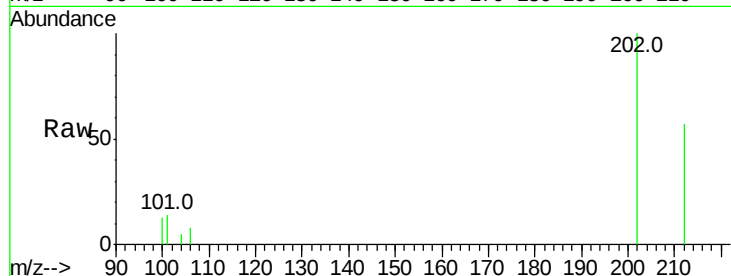
Tot Ion:202 Resp: 26046

Ion Ratio Lower Upper

202 100

101 14.0 18.2 27.4#

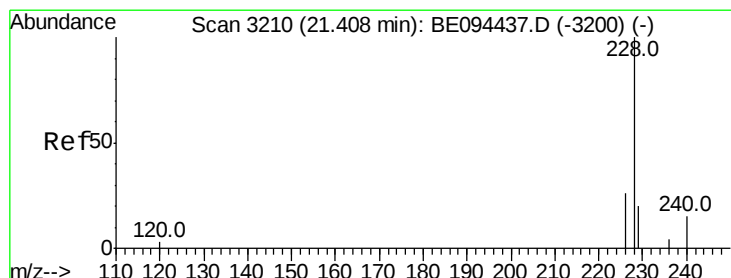
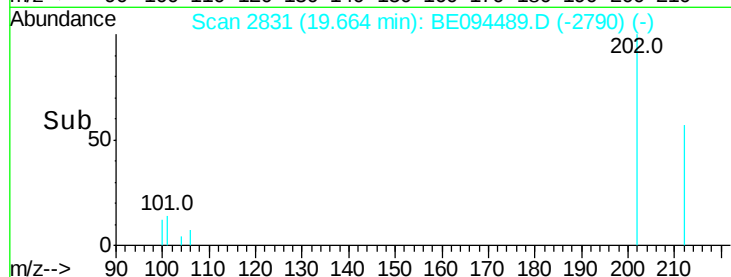
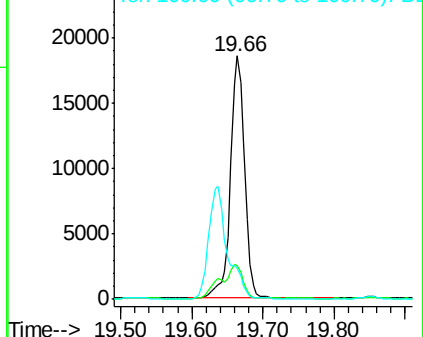
100 12.6 15.6 23.4#



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: 0.806 ng/ul

RT: 21.40 min Scan# 3209

Delta R.T. -0.01 min

Lab File: BE094489.D

Acq: 20 Oct 2017 23:58

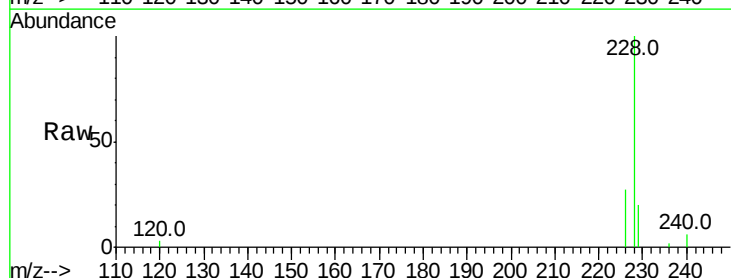
Tgt Ion:228 Resp: 24810

Ion Ratio Lower Upper

228 100

229 20.0 22.8 34.2#

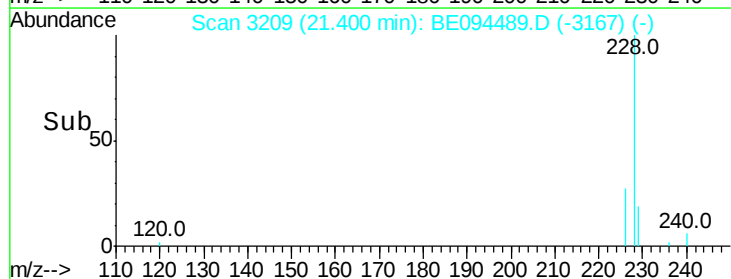
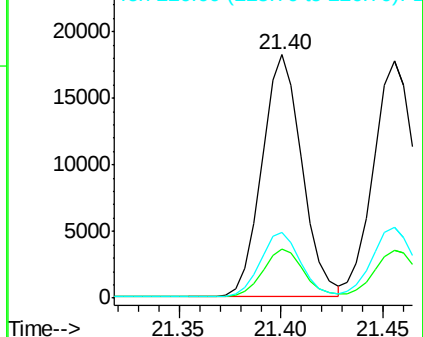
226 27.1 17.0 25.6#

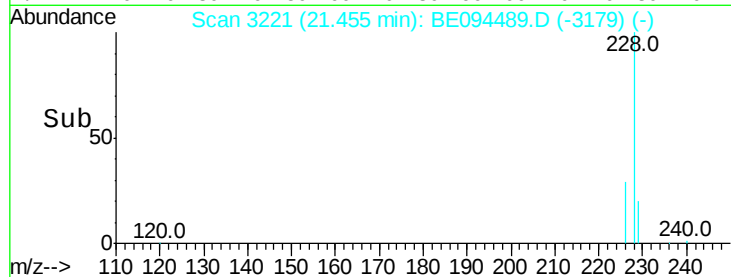
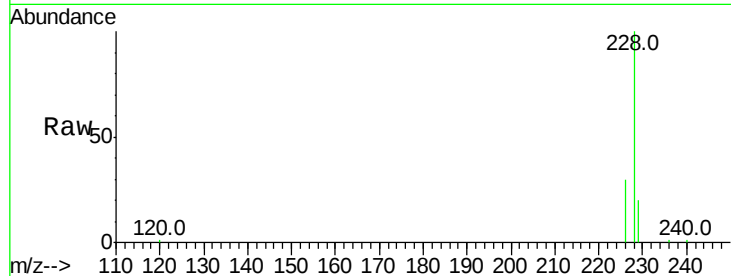
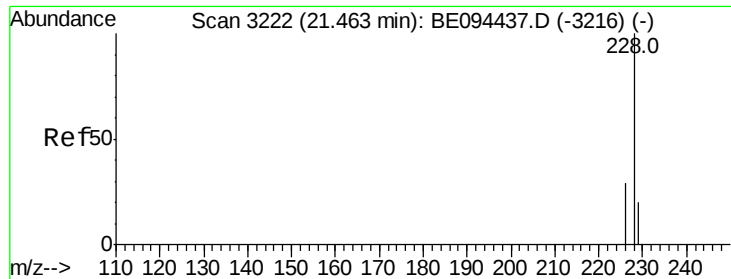


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.736 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094489.D

Acq: 20 Oct 2017 23:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 26139

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

229 20.2 17.7 26.5

