

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012018\
 Data File : BE095081.D
 Acq On : 20 Jan 2018 9:59
 Operator : SJ/JU
 Sample : J1216-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 22 04:29:36 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration

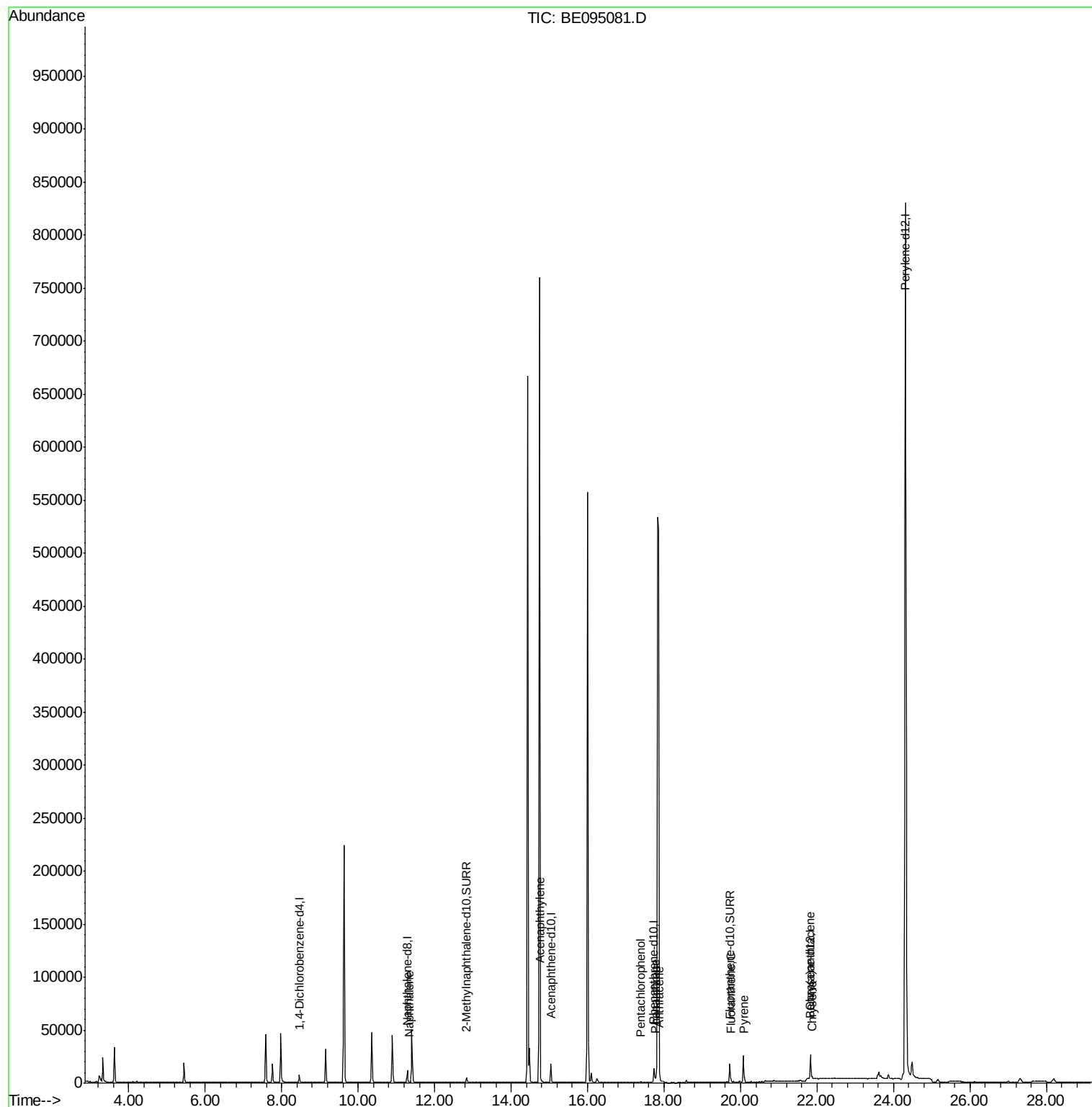
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4840	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	15825	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	9419	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	19978	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	22849	0.40	ng/ul	0.00
20) Perylene-d12	24.32	264	969594	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	6277	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	18686	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	720	0.017	ng/ul#	71
7) Acenaphthylene	14.77	152	709	0.017	ng/ul#	78
11) Pentachlorophenol	17.39	266	289	0.245	ng/ul	94
12) Phenanthrene	17.78	178	4547	0.086	ng/ul#	89
13) Anthracene	17.87	178	514	0.011	ng/ul#	69
15) Fluoranthene	19.75	202	4548	0.067	ng/ul	85
17) Pyrene	20.10	202	6458	0.078	ng/ul#	92
18) Benzo(a)anthracene	21.81	228	2684	0.042	ng/ul#	76
19) Chrysene	21.87	228	2472	0.035	ng/ul#	75

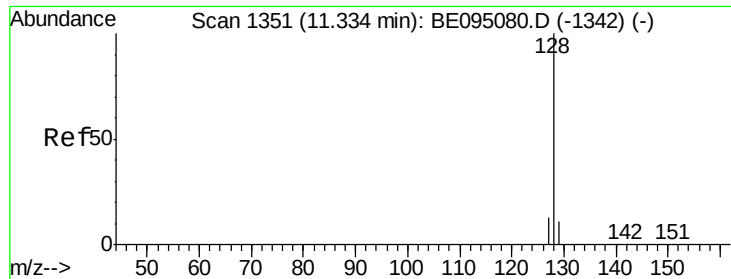
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.017 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE095081.D

Acq: 20 Jan 2018 9:59

Instrument :

BNA_E

ClientSampleId :

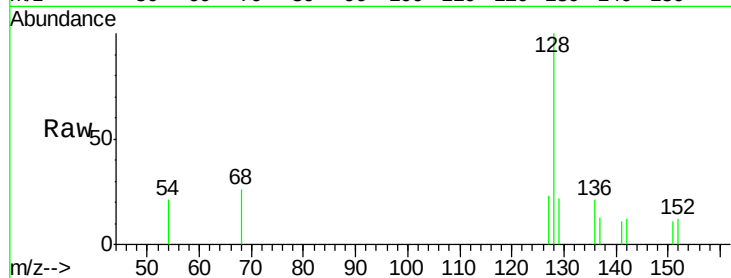
Tot Ion:128 Resp: 720

Ion Ratio Lower Upper

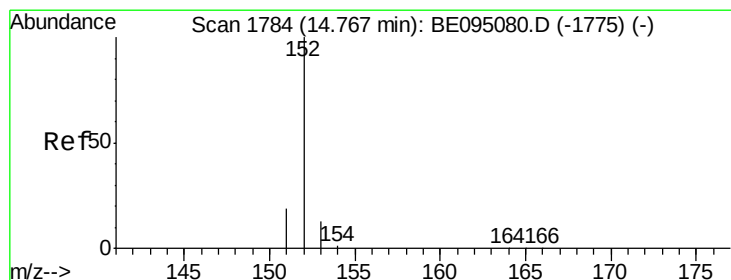
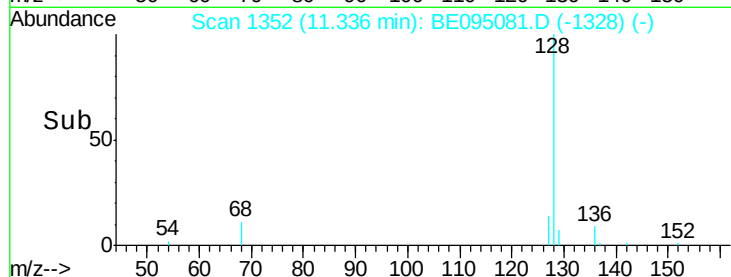
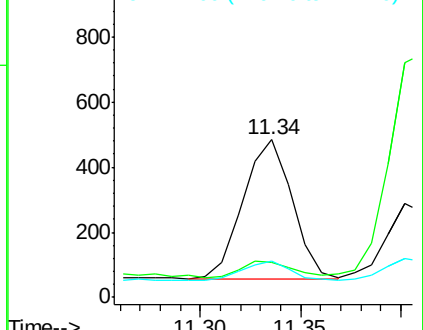
128 100

129 22.3 11.3 16.9#

127 22.7 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



#7

Acenaphthylene

Concen: 0.017 ng/ul

RT: 14.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE095081.D

Acq: 20 Jan 2018 9:59

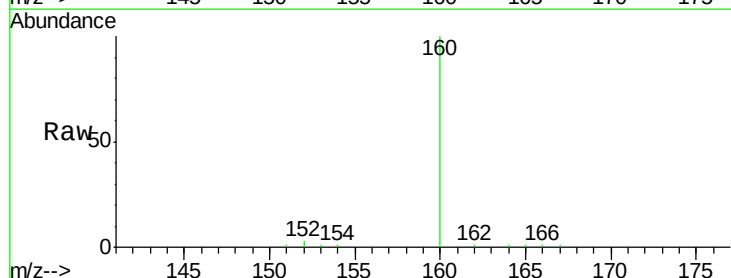
Tgt Ion:152 Resp: 709

Ion Ratio Lower Upper

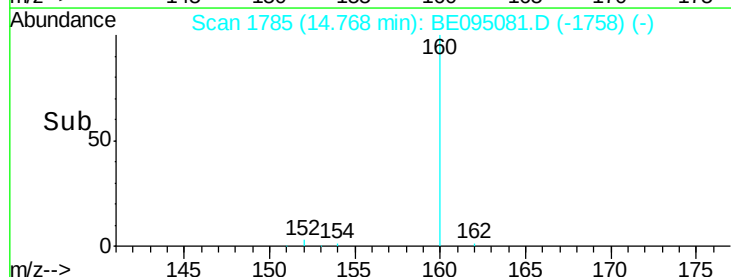
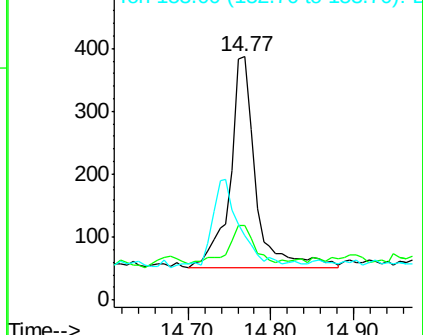
152 100

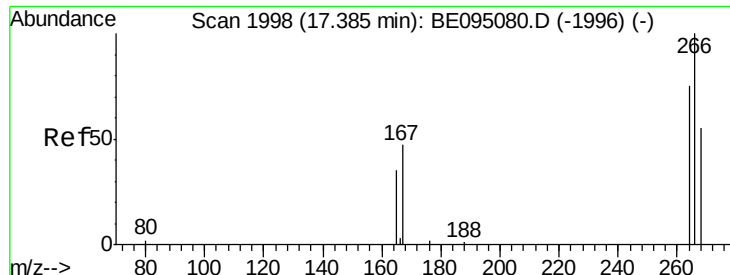
151 30.5 17.1 25.7#

153 26.6 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

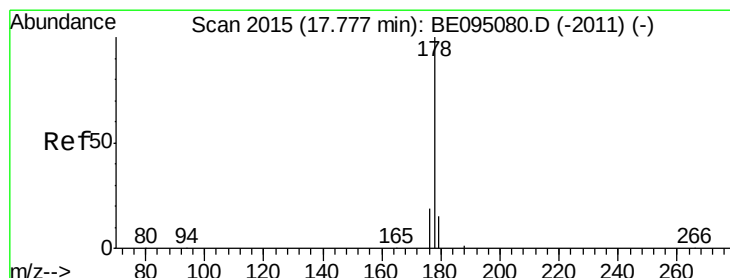
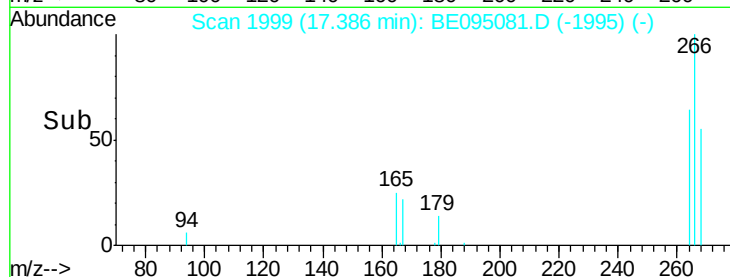
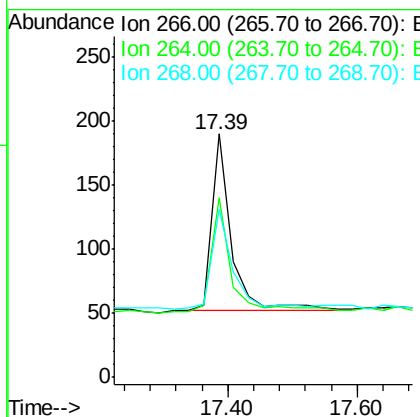
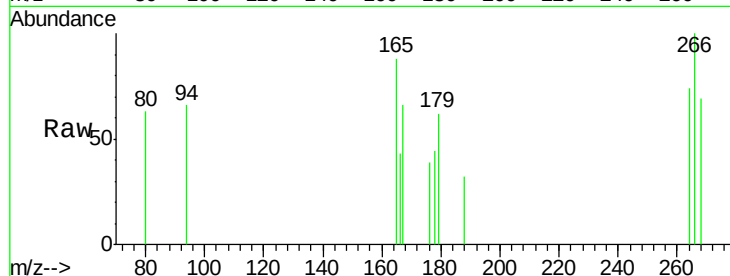




#11
 Pentachlorophenol
 Concen: 0.245 ng/ul
 RT: 17.39 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BE095081.D
 Acq: 20 Jan 2018 9:59

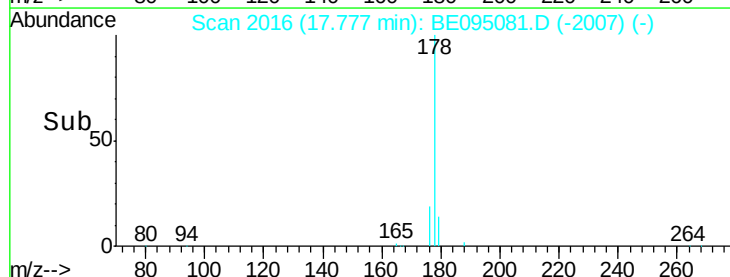
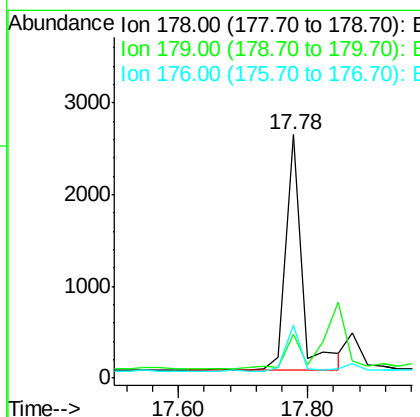
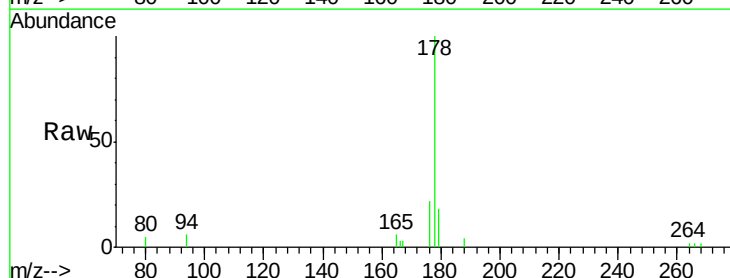
Instrument :
 BNA_E
 ClientSampleId :

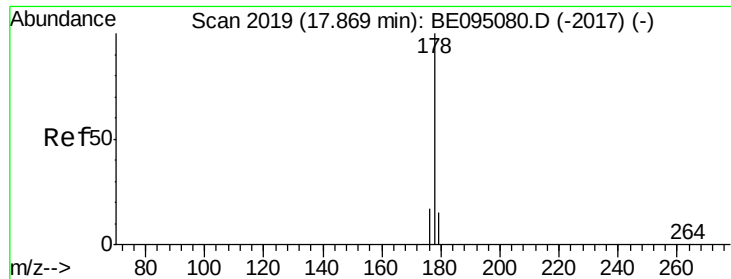
Tot Ion:266 Resp: 289
 Ion Ratio Lower Upper
 266 100
 264 65.4 47.9 71.9
 268 58.5 49.8 74.8



#12
 Phenanthrene
 Concen: 0.086 ng/ul
 RT: 17.78 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BE095081.D
 Acq: 20 Jan 2018 9:59

Tgt Ion:178 Resp: 4547
 Ion Ratio Lower Upper
 178 100
 179 18.0 18.4 27.6#
 176 21.7 13.6 20.4#





#13

Anthracene

Concen: 0.011 ng/ul

RT: 17.87 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BE095081.D

Acq: 20 Jan 2018 9:59

Instrument :

BNA_E

ClientSampleId :

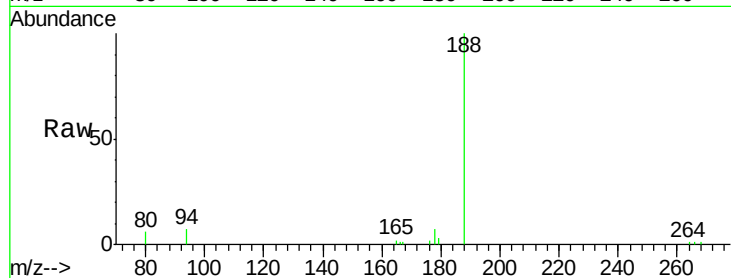
Tot Ion:178 Resp: 514

Ion Ratio Lower Upper

178 100

179 38.4 18.1 27.1#

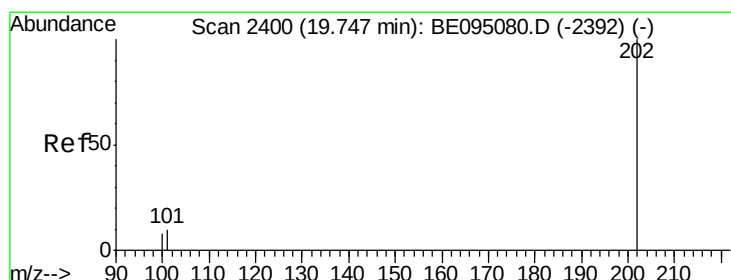
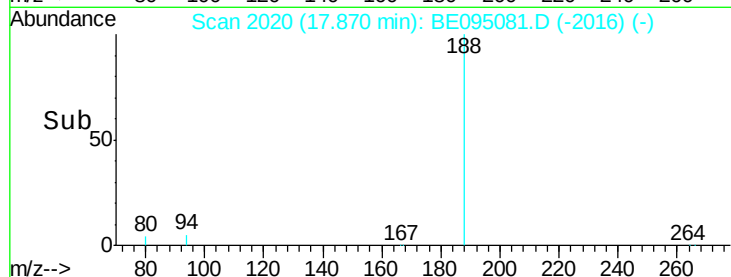
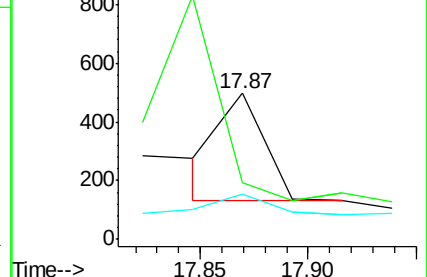
176 31.4 14.7 22.1#



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



#15

Fluoranthene

Concen: 0.067 ng/ul

RT: 19.75 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BE095081.D

Acq: 20 Jan 2018 9:59

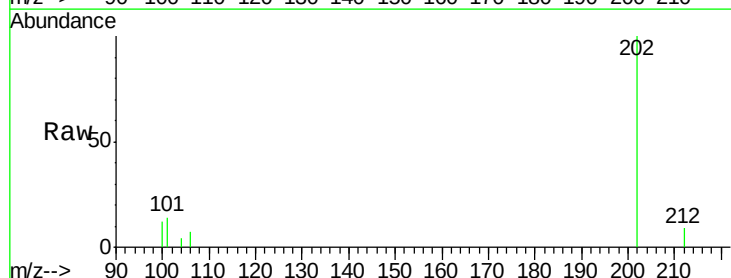
Tgt Ion:202 Resp: 4548

Ion Ratio Lower Upper

202 100

101 13.9 0.0 30.3

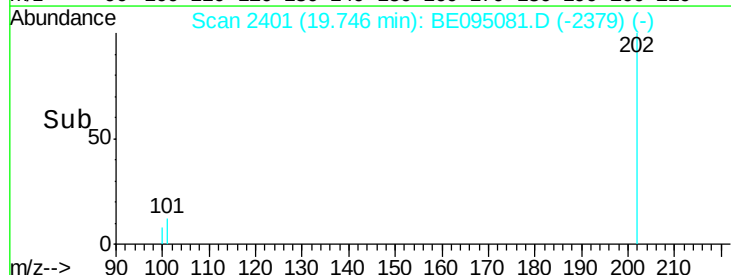
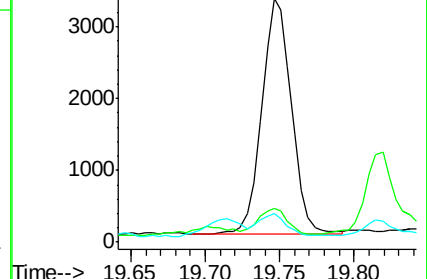
100 11.5 0.0 39.5

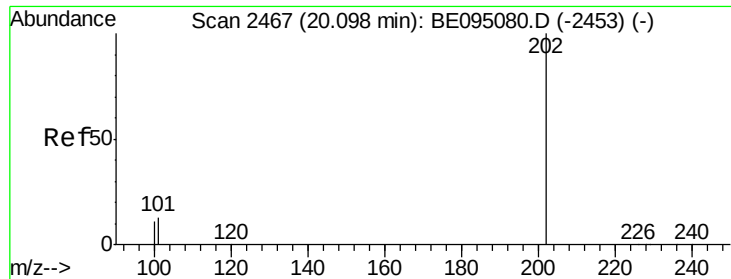


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.078 ng/ul

RT: 20.10 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BE095081.D

Acq: 20 Jan 2018 9:59

Instrument :

BNA_E

ClientSampled :

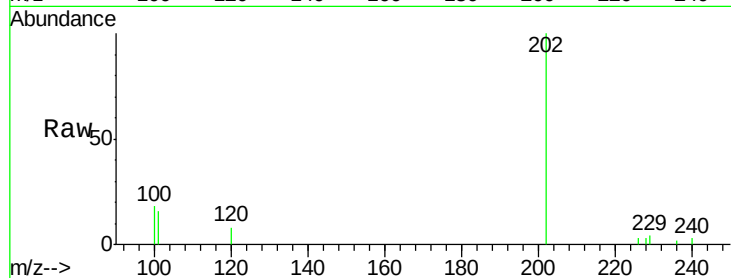
Tot Ion:202 Resp: 6458

Ion Ratio Lower Upper

202 100

101 16.4 18.2 27.4#

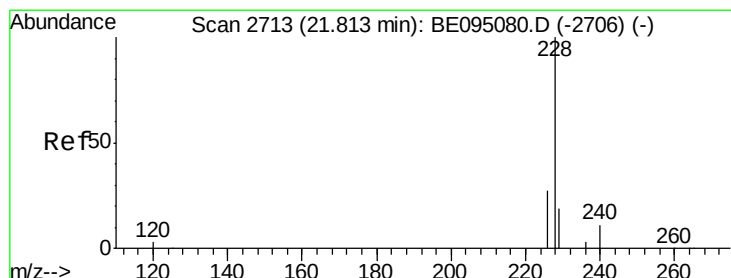
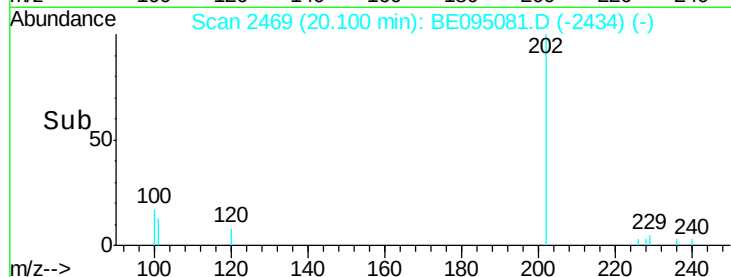
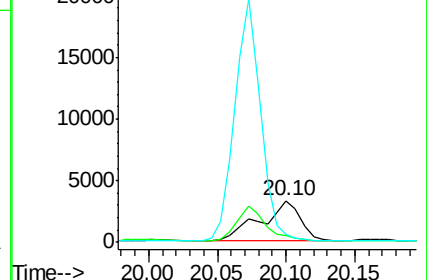
100 18.4 15.6 23.4



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: 0.042 ng/ul

RT: 21.81 min Scan# 2714

Delta R.T. -0.00 min

Lab File: BE095081.D

Acq: 20 Jan 2018 9:59

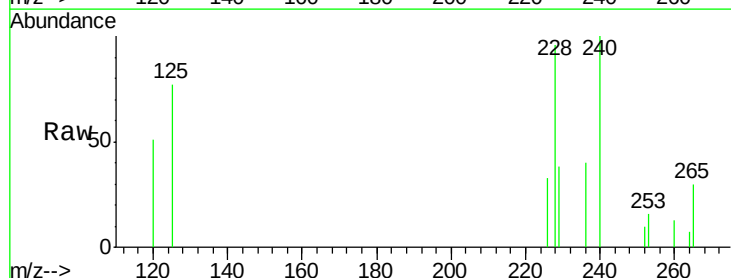
Tgt Ion:228 Resp: 2684

Ion Ratio Lower Upper

228 100

229 40.1 22.8 34.2#

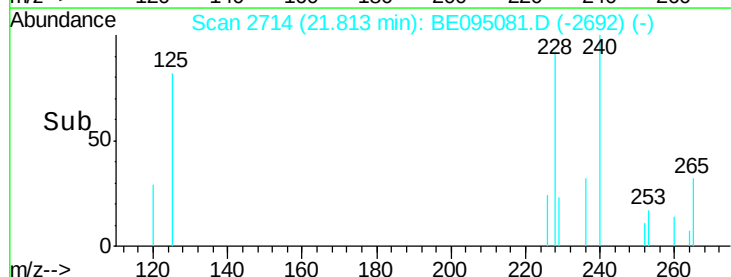
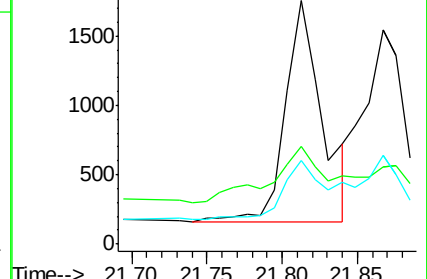
226 34.5 17.0 25.6#

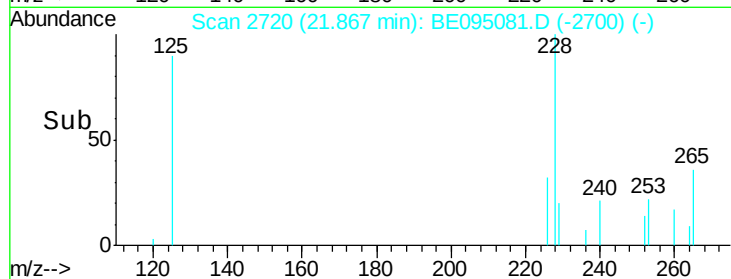
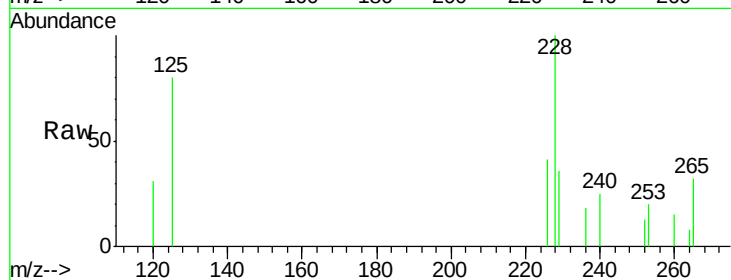
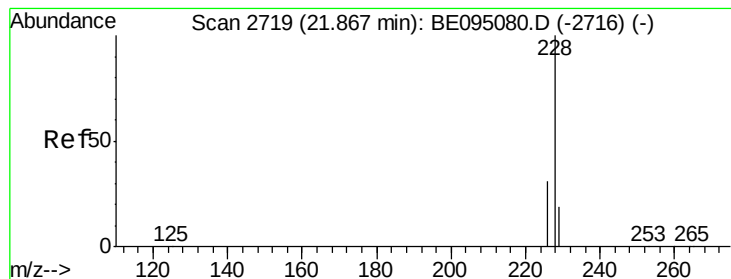


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.035 ng/ul

RT: 21.87 min Scan# 2720

Delta R.T. -0.00 min

Lab File: BE095081.D

Acq: 20 Jan 2018 9:59

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 228 Resp: 2472

Ion Ratio Lower Upper

228 100

226 41.0 23.4 35.0#

229 36.2 17.7 26.5#

