

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096980.D
 Acq On : 18 Jul 2018 5:14
 Operator : SJ/JU
 Sample : J3967-04DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 18 07:16:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration

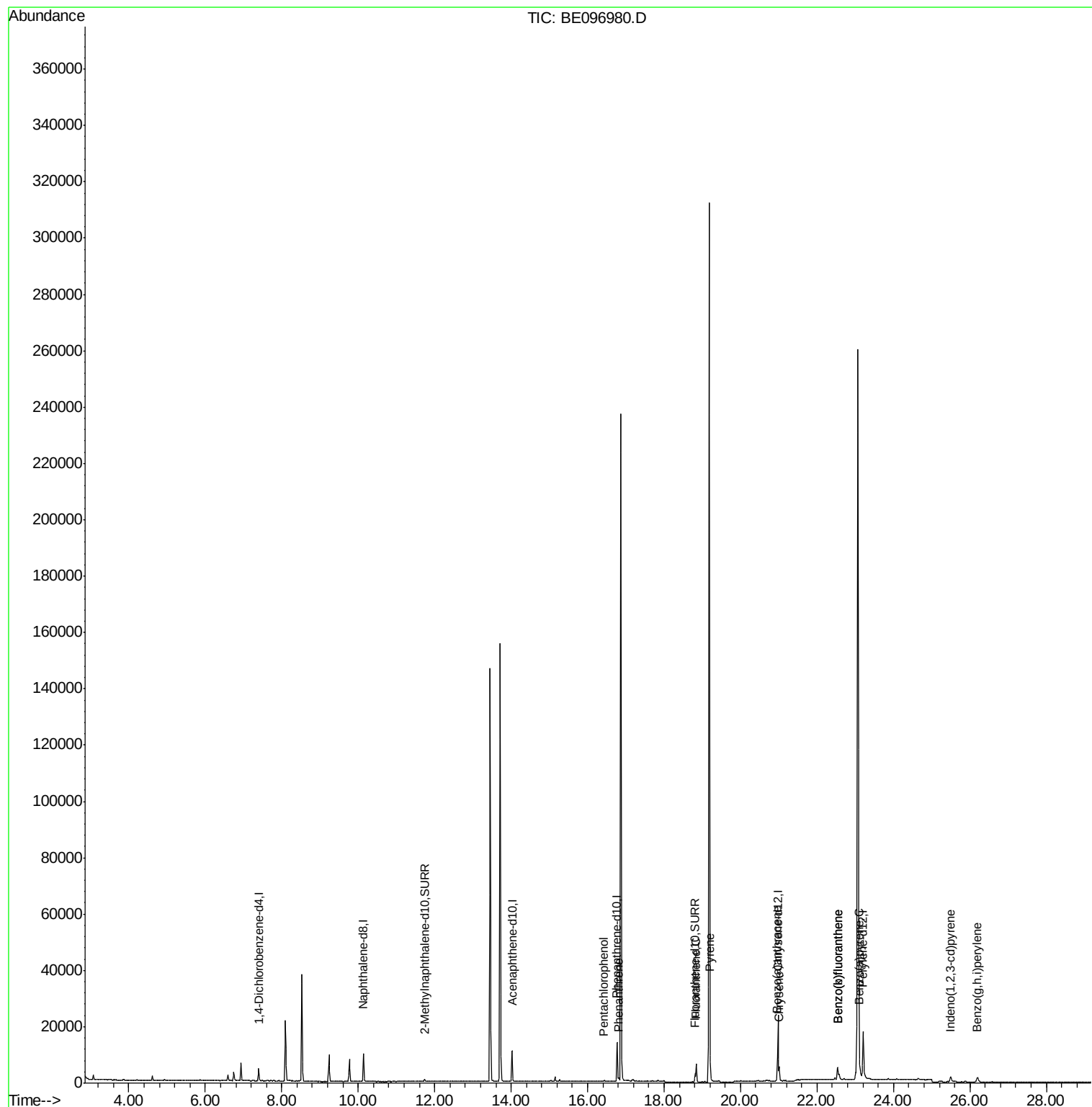
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1923	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	9925	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	6123	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	16739	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	21226	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	23435	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1124	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3550	0.07	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.43	266	76	0.040	ng/ul#	70
12) Phenanthrene	16.81	178	1427	0.032	ng/ul#	91
15) Fluoranthene	18.84	202	7030	0.121	ng/ul	84
17) Pyrene	19.21	202	6175	0.101	ng/ul#	85
18) Benzo(a)anthracene	20.96	228	1401	0.025	ng/ul#	88
19) Chrysene	21.01	228	4943	0.078	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	9495	0.143	ng/ul	89
22) Benzo(k)fluoranthene	22.54	252	9495	0.138	ng/ul#	90
23) Benzo(a)pyrene	23.11	252	2790	0.048	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.50	276	3412	0.052	ng/ul#	73
26) Benzo(g,h,i)perylene	26.20	276	3856	0.066	ng/ul	97

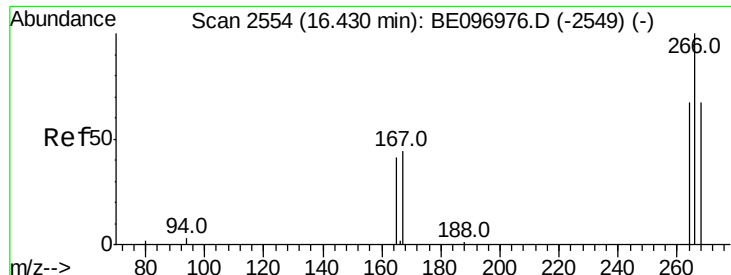
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Pentachlorophenol

Concen: 0.040 ng/ul

RT: 16.43 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

Instrument :

BNA_E

ClientSampleId :

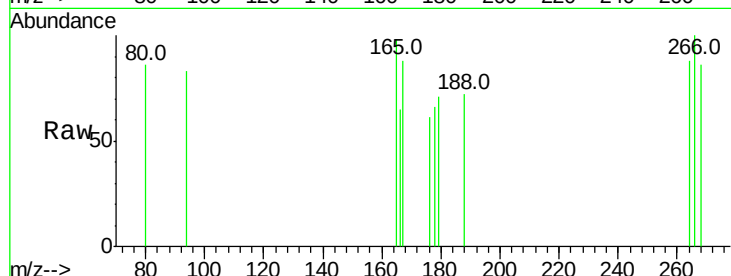
Tot Ion:266 Resp: 76

Ion Ratio Lower Upper

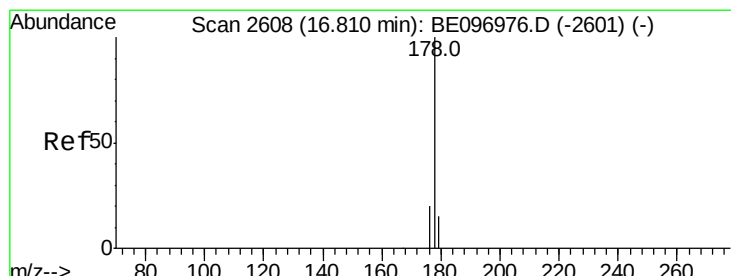
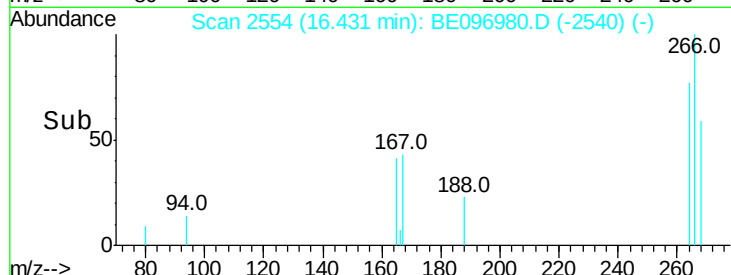
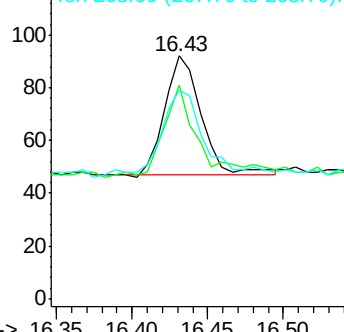
266 100

264 78.9 47.9 71.9#

268 89.5 49.8 74.8#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#12

Phenanthrene

Concen: 0.032 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

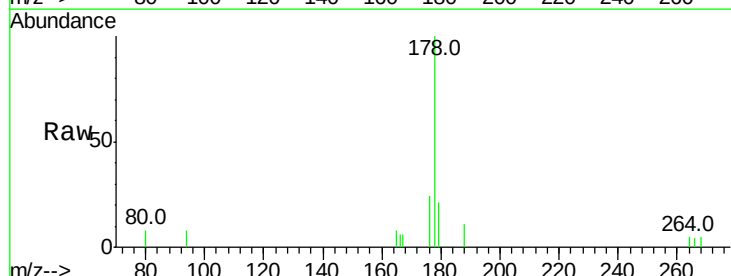
Tgt Ion:178 Resp: 1427

Ion Ratio Lower Upper

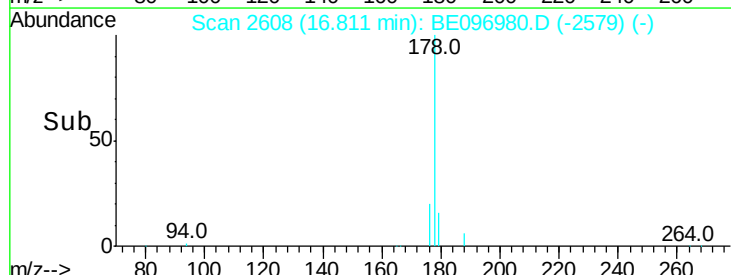
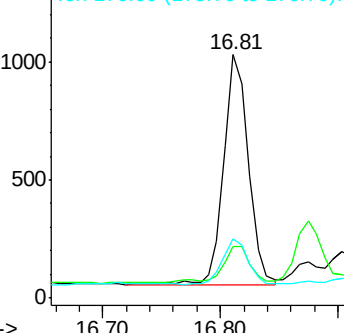
178 100

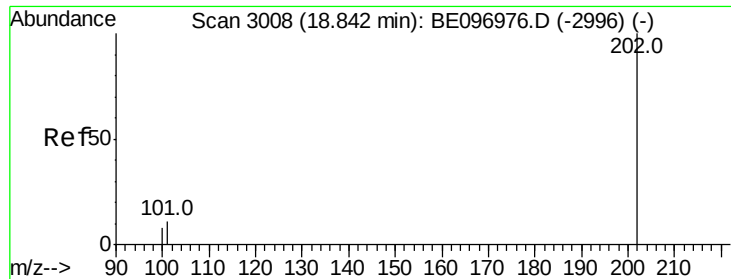
179 21.4 18.4 27.6

176 24.5 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





#15

Fluoranthene

Concen: 0.121 ng/ul

RT: 18.84 min Scan# 3008

Delta R.T. -0.00 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

Instrument :

BNA_E

ClientSampleId :

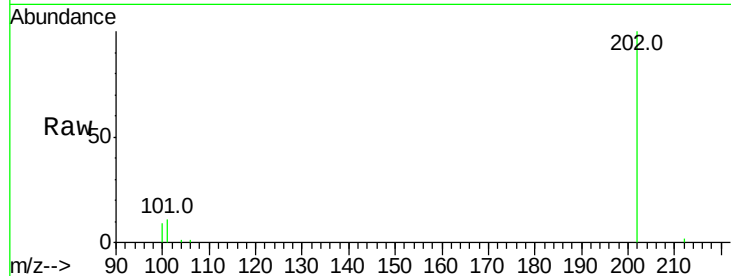
Tot Ion:202 Resp: 7030

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

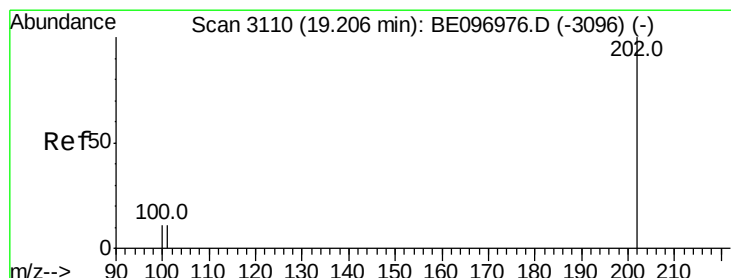
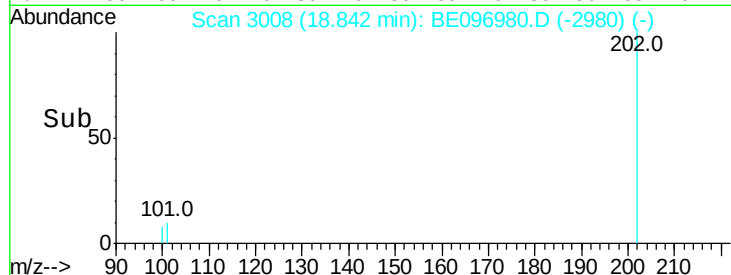
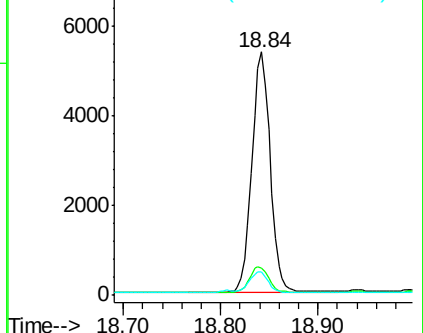
100 9.4 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.101 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

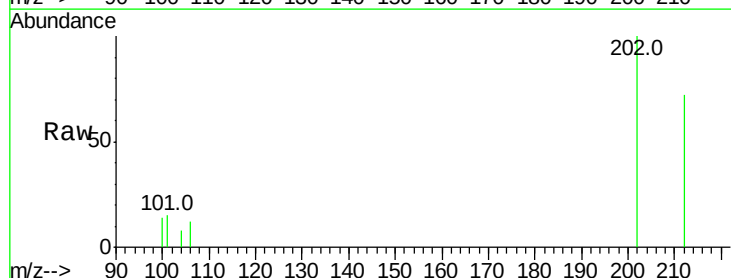
Tgt Ion:202 Resp: 6175

Ion Ratio Lower Upper

202 100

101 14.8 18.2 27.4#

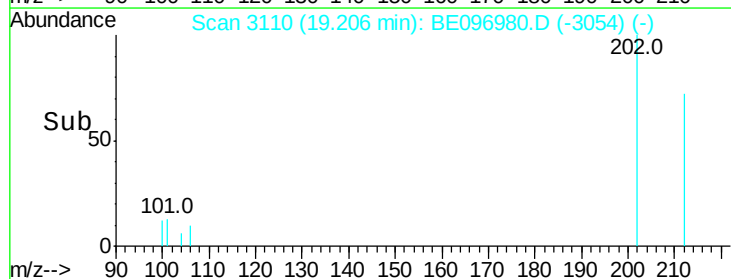
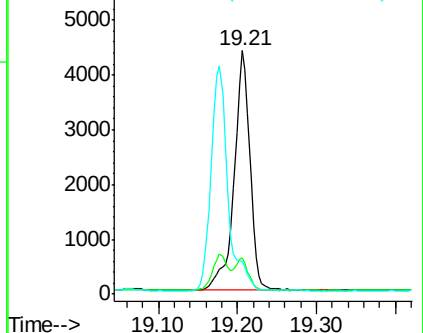
100 13.5 15.6 23.4#

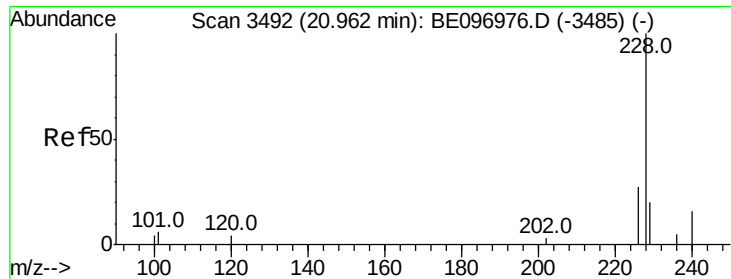


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.025 ng/ul

RT: 20.96 min Scan# 3492

Delta R.T. -0.00 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

Instrument :

BNA_E

ClientSampleId :

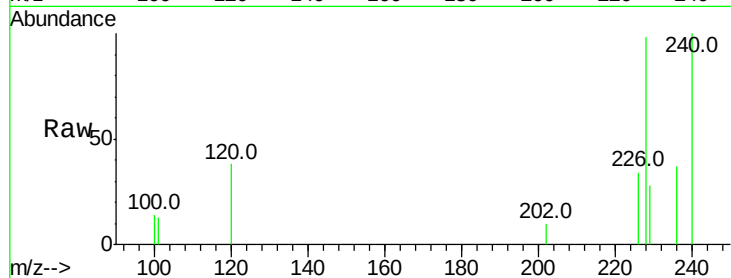
Tot Ion:228 Resp: 1401

Ion Ratio Lower Upper

228 100

229 28.3 22.8 34.2

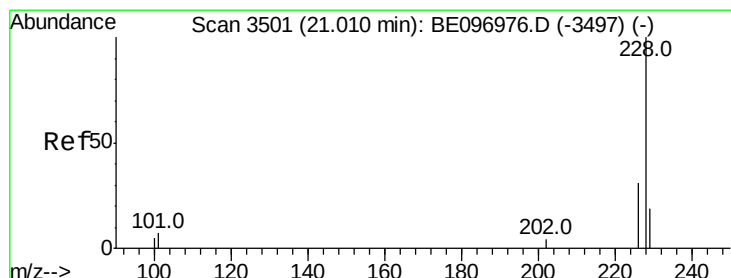
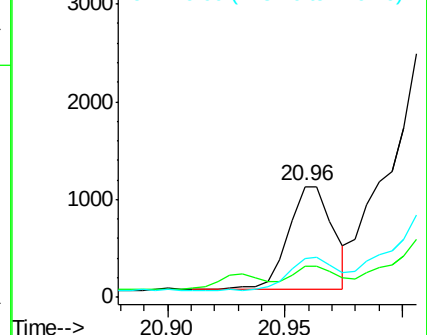
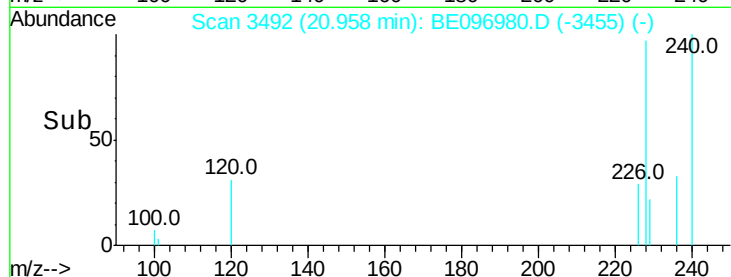
226 34.7 17.0 25.6#



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: 0.078 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

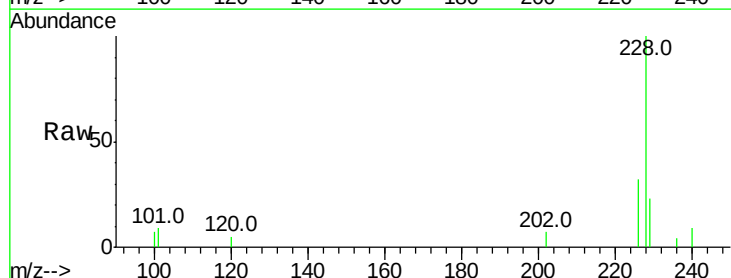
Tgt Ion:228 Resp: 4943

Ion Ratio Lower Upper

228 100

226 32.0 23.4 35.0

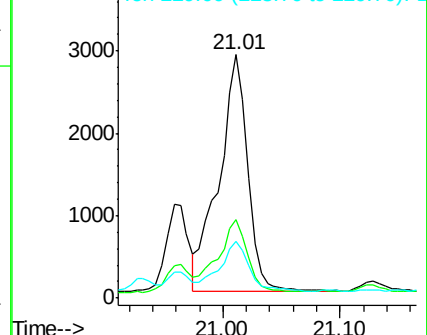
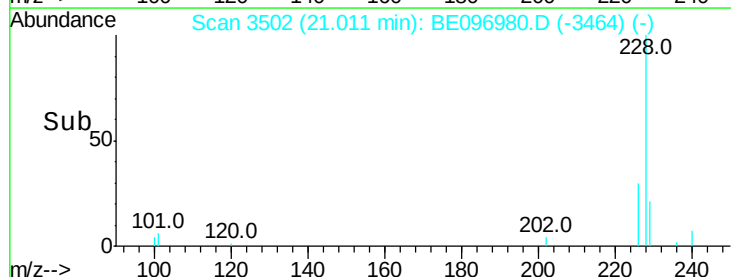
229 23.4 17.7 26.5

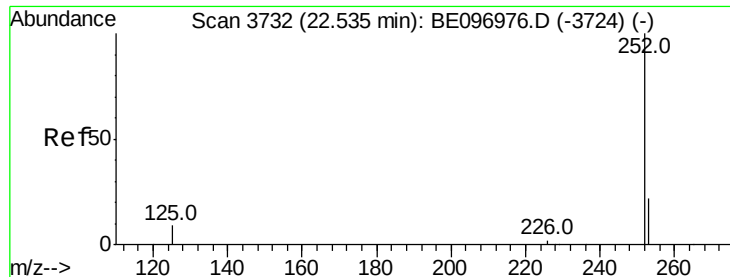


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.143 ng/ul

RT: 22.54 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

Instrument :

BNA_E

ClientSampleId :

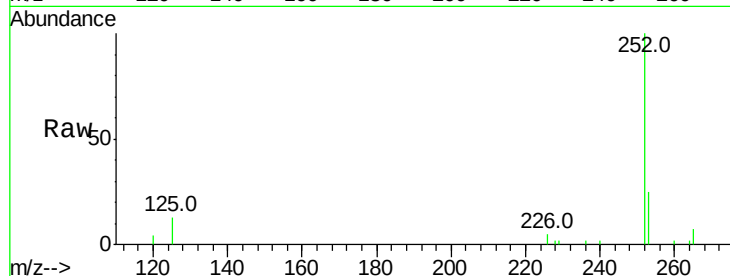
Tot Ion:252 Resp: 9495

Ion Ratio Lower Upper

252 100

253 25.2 0.0 64.2

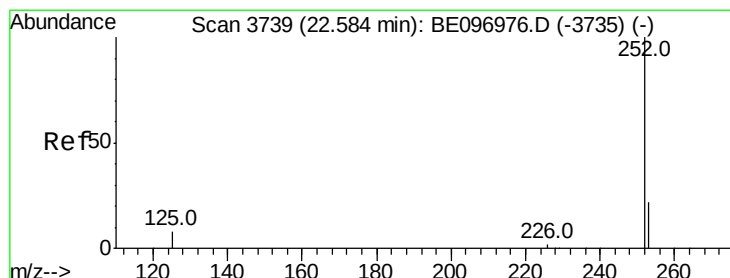
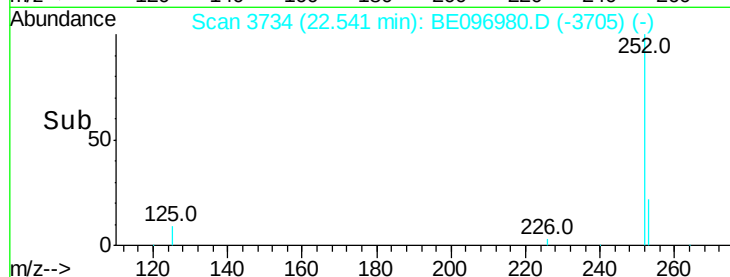
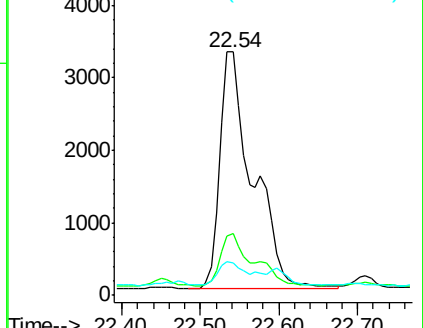
125 13.3 0.0 35.0



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: 0.138 ng/ul

RT: 22.54 min Scan# 3734

Delta R.T. -0.04 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

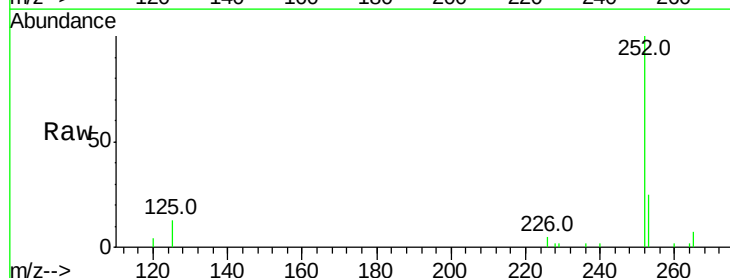
Tgt Ion:252 Resp: 9495

Ion Ratio Lower Upper

252 100

253 25.2 24.5 36.7

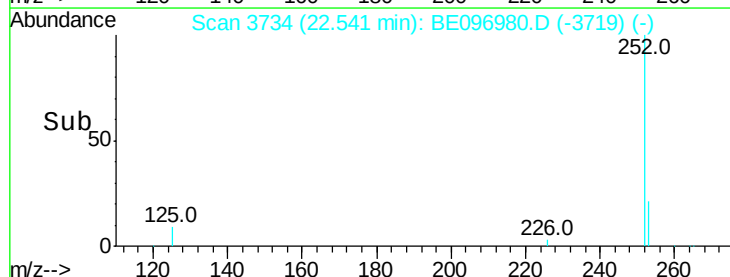
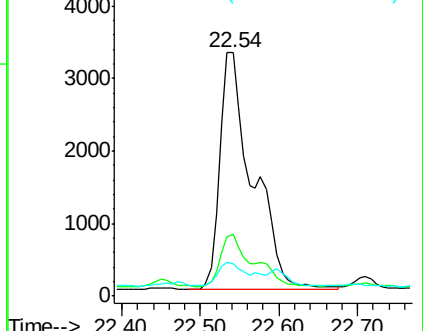
125 13.3 13.7 20.5#

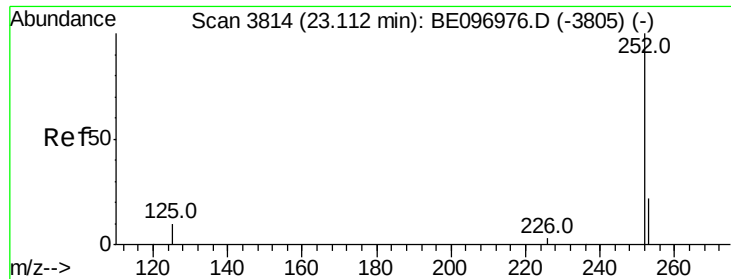


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.048 ng/ul

RT: 23.11 min Scan# 3815

Delta R.T. -0.00 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

Instrument :

BNA_E

ClientSampleId :

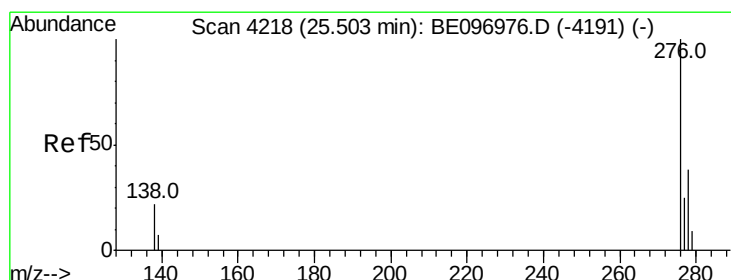
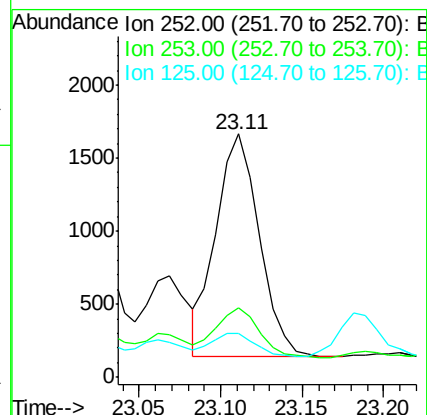
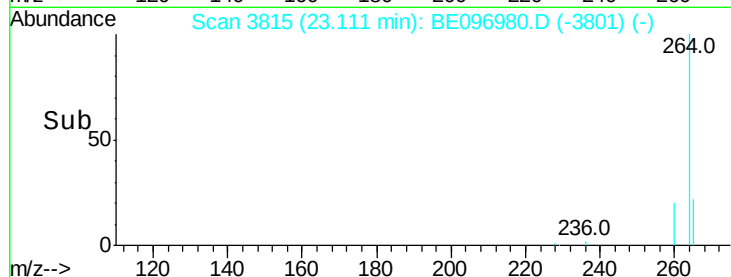
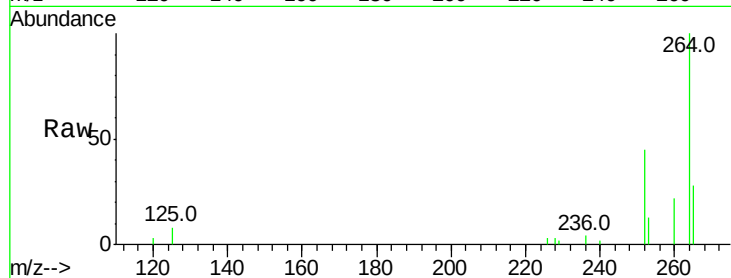
Tot Ion:252 Resp: 2790

Ion Ratio Lower Upper

252 100

253 28.5 28.5 42.7#

125 18.1 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.052 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. -0.01 min

Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

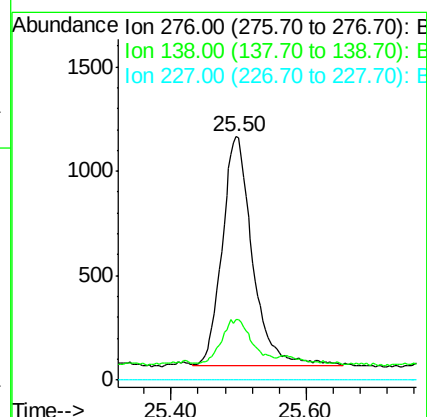
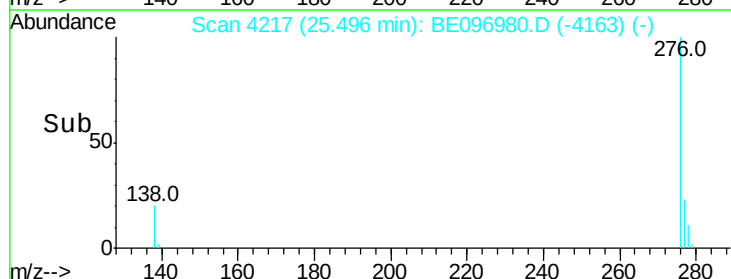
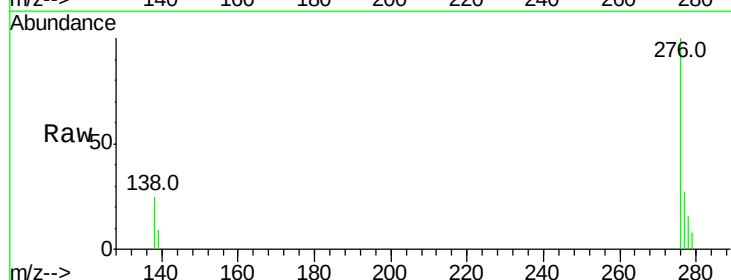
Tgt Ion:276 Resp: 3412

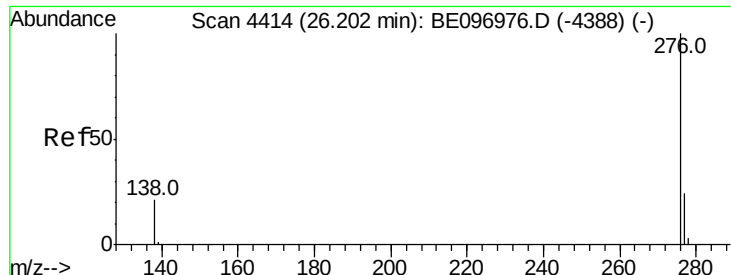
Ion Ratio Lower Upper

276 100

138 19.2 28.0 42.0#

227 0.0 8.0 12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.066 ng/ul

RT: 26.20 min Scan# 4413

Delta R.T. -0.01 min

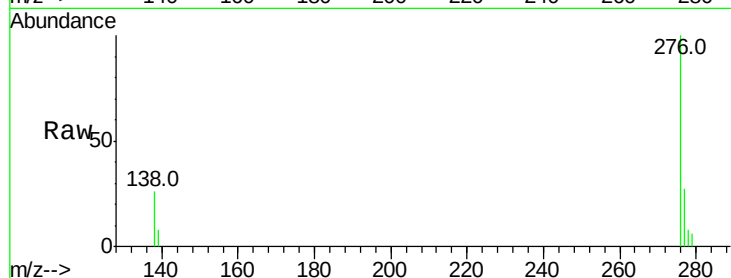
Lab File: BE096980.D

Acq: 18 Jul 2018 5:14

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 3856

Ion Ratio Lower Upper

276 100

138 25.8 21.8 32.8

277 27.3 20.5 30.7

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

