

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070918\
 Data File : BE096887.D
 Acq On : 9 Jul 2018 18:48
 Operator : SJ/JU
 Sample : J3765-09DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 10 03:15:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 10 02:37:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3371	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	18727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	11116	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	26902	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	26220	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	29858	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.74	152	1189	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3001	0.04	ng/ul	0.00

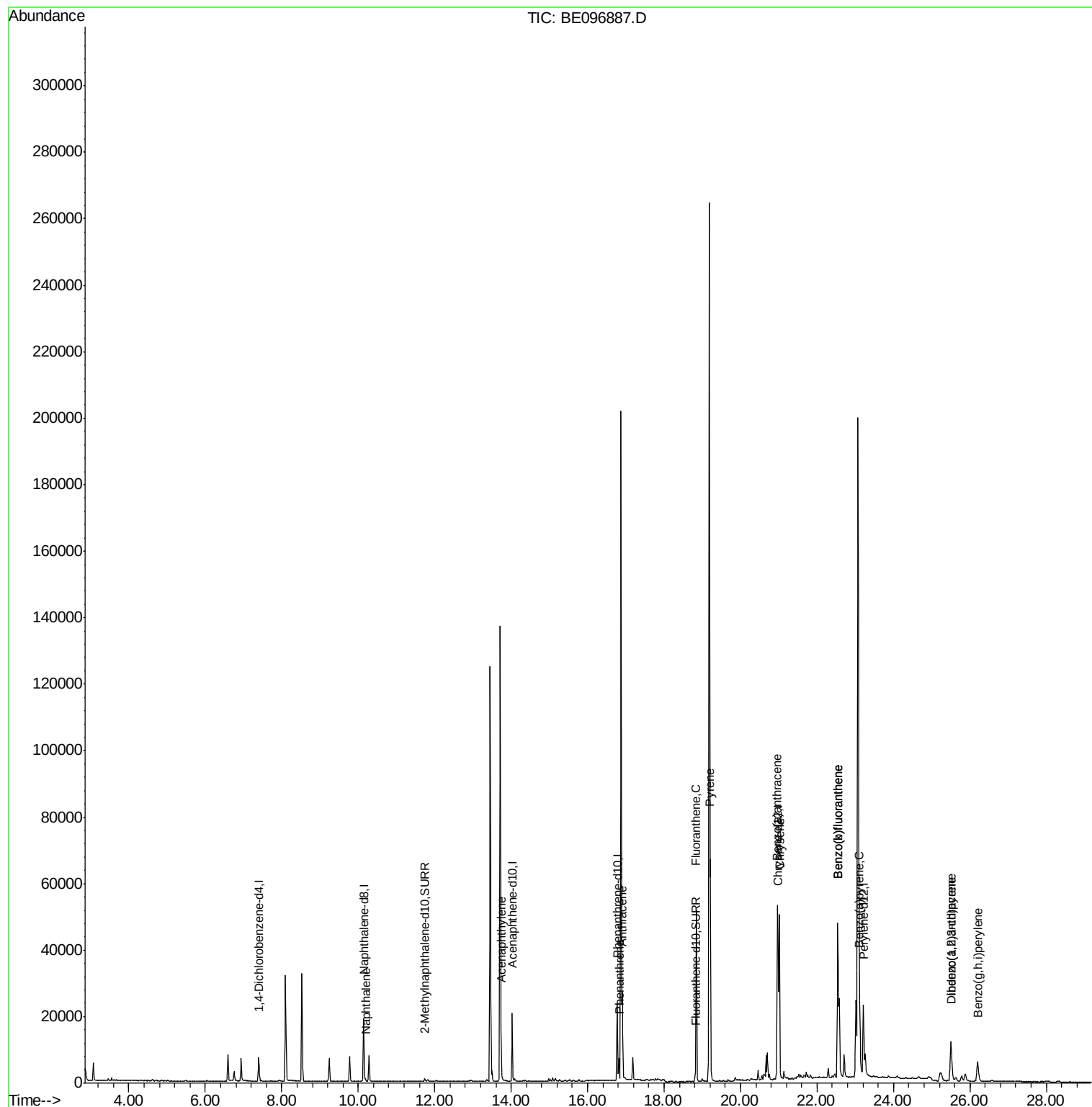
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.19	128	1248	0.028	ng/ul#	90
7) Acenaphthylene	13.74	152	4128	0.091	ng/ul	99
12) Phenanthrene	16.82	178	7231	0.104	ng/ul#	90
13) Anthracene	16.90	178	28594	0.485	ng/ul#	91
15) Fluoranthene	18.85	202	57363	0.776	ng/ul	84
17) Pyrene	19.21	202	70445	0.818	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	40252	0.651	ng/ul#	84
19) Chrysene	21.02	228	49805	0.622	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	103675	1.272	ng/ul	83
22) Benzo(k)fluoranthene	22.54	252	103675	1.165	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	28050	0.407	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	20975	0.293	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.52	278	5387	0.095	ng/ul	91
26) Benzo(g,h,i)perylene	26.20	276	13754	0.198	ng/ul	94

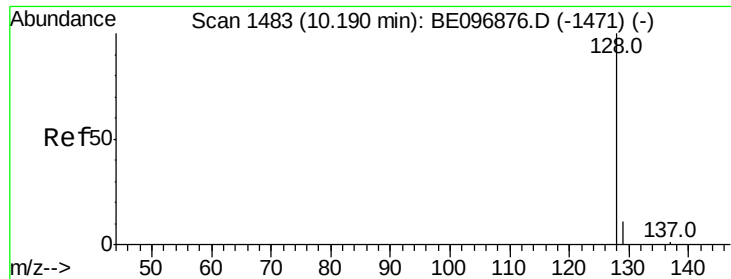
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

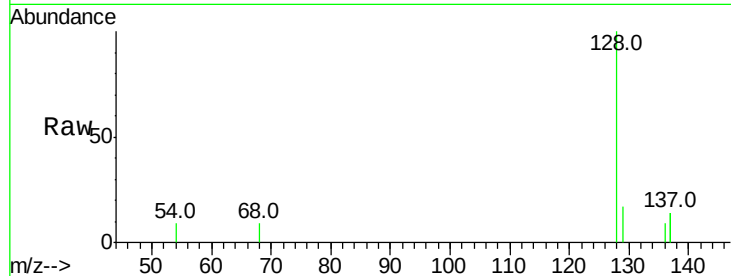
Tot Ion:128 Resp: 1248

Ion Ratio Lower Upper

128 100

129 17.4 11.3 16.9#

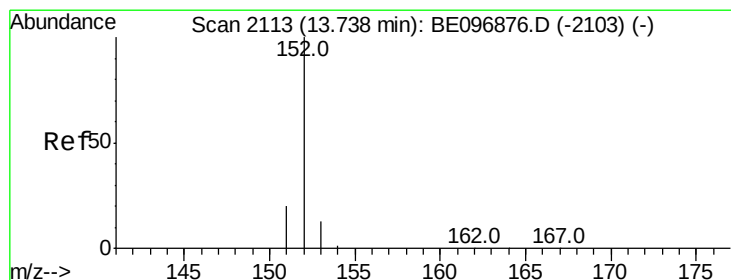
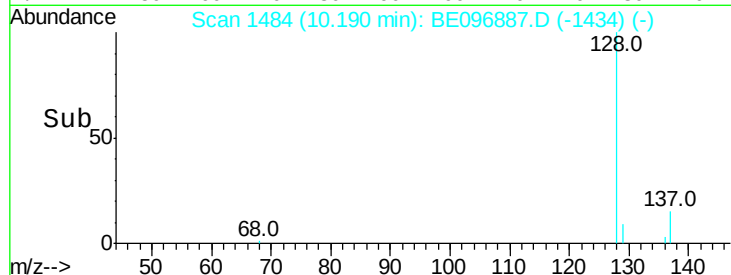
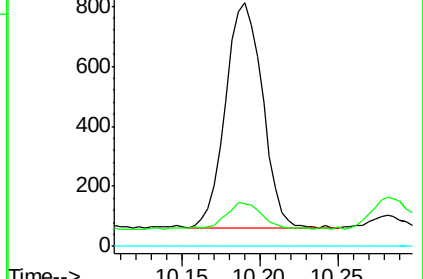
127 0.0 4.0 6.0#



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: 0.091 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

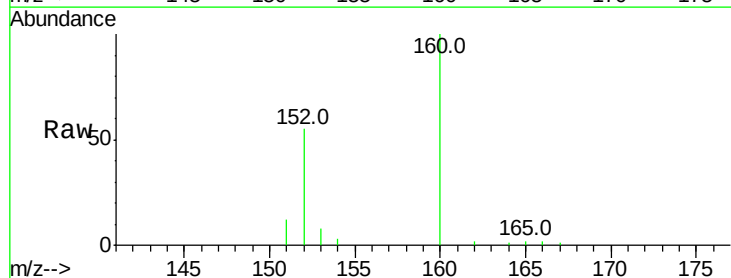
Tgt Ion:152 Resp: 4128

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

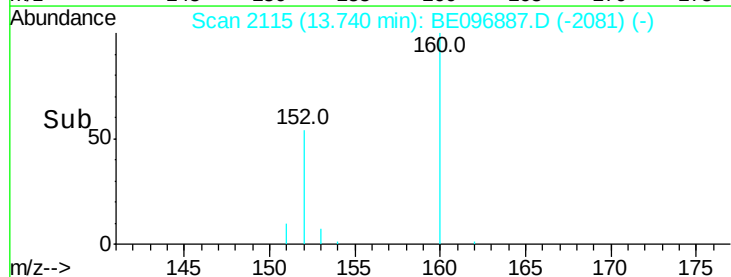
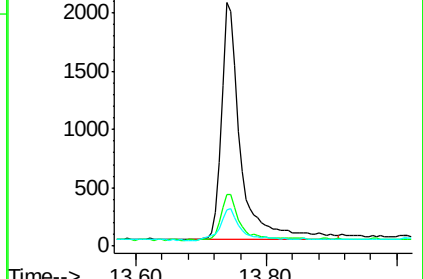
153 15.0 12.8 19.2

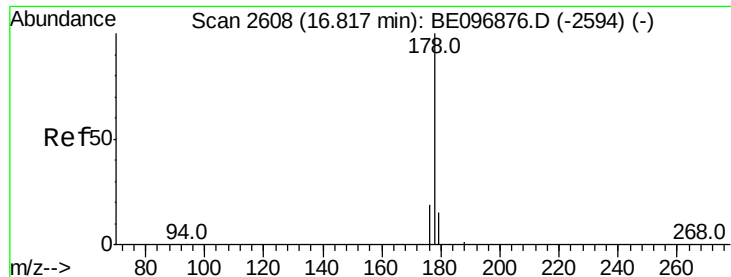


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.104 ng/ul

RT: 16.82 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

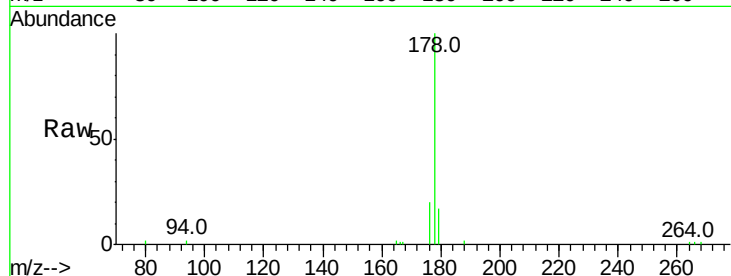
Tot Ion:178 Resp: 7231

Ion Ratio Lower Upper

178 100

179 16.9 18.4 27.6#

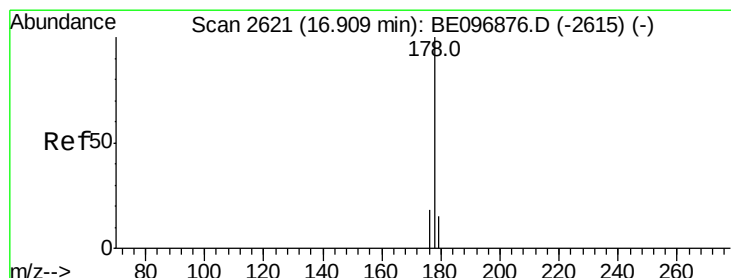
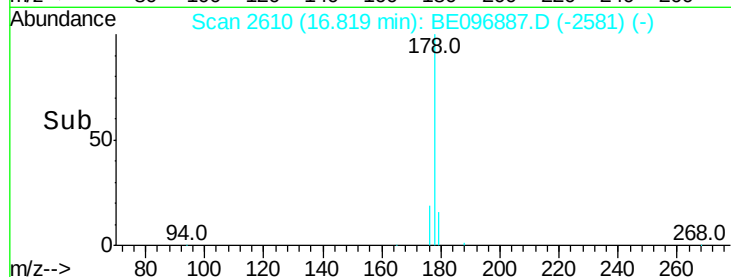
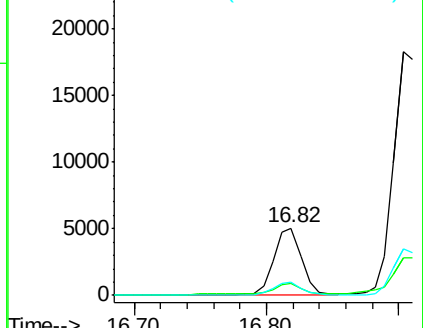
176 19.6 13.6 20.4



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



#13

Anthracene

Concen: 0.485 ng/ul

RT: 16.90 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

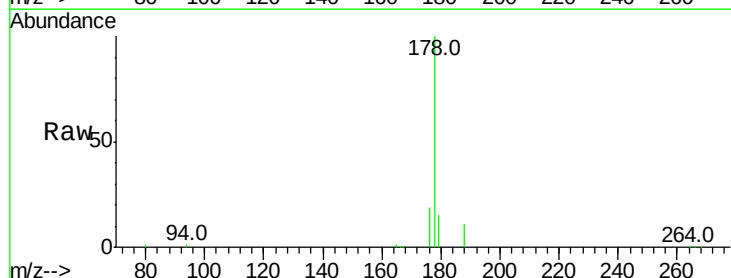
Tgt Ion:178 Resp: 28594

Ion Ratio Lower Upper

178 100

179 15.3 18.1 27.1#

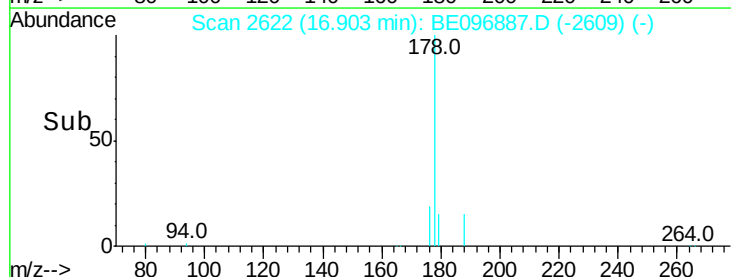
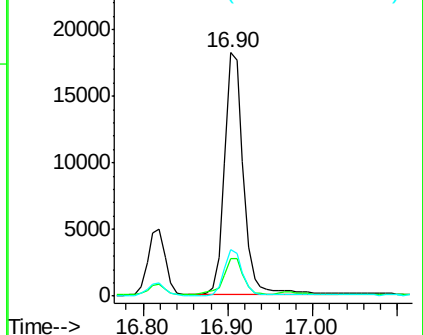
176 19.2 14.7 22.1

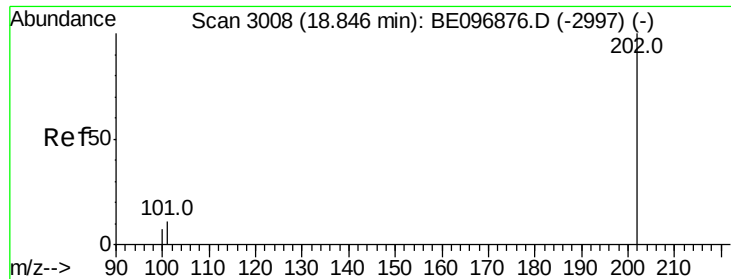


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.776 ng/ul

RT: 18.85 min Scan# 3009

Delta R.T. -0.00 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

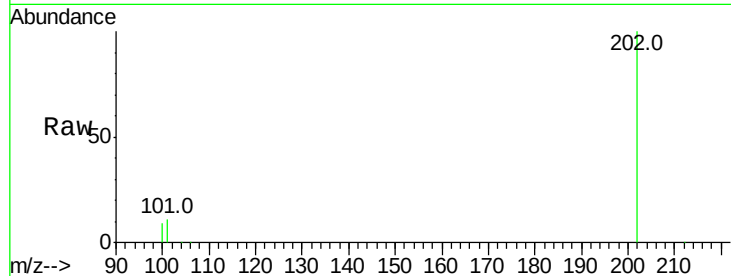
Tot Ion:202 Resp: 57363

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

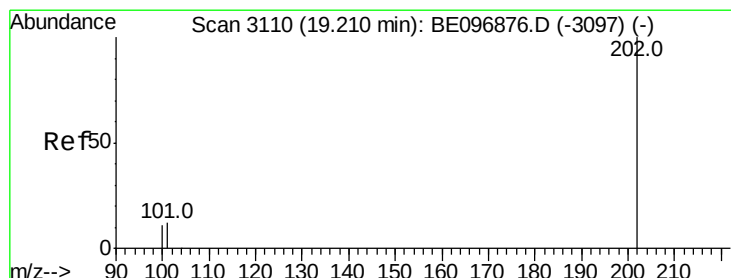
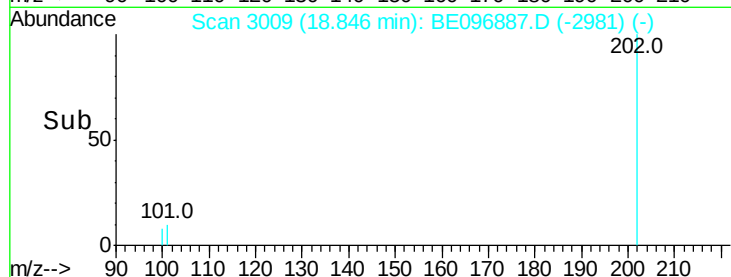
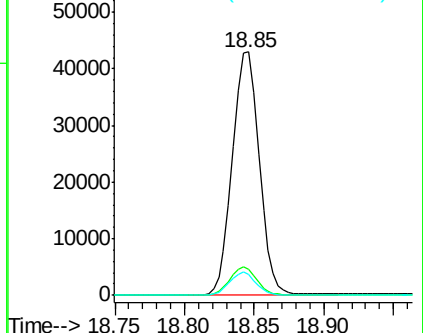
100 8.6 0.0 39.5



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: 0.818 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

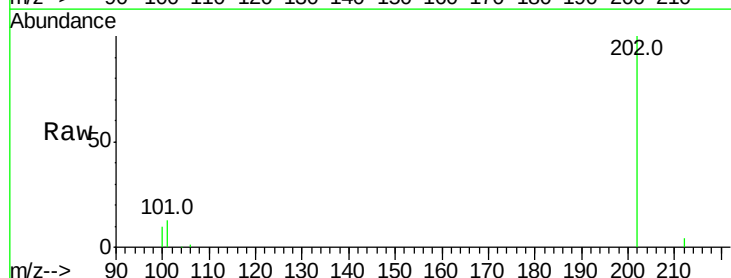
Tgt Ion:202 Resp: 70445

Ion Ratio Lower Upper

202 100

101 12.5 18.2 27.4#

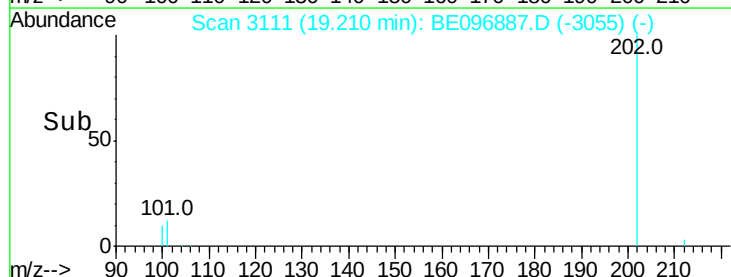
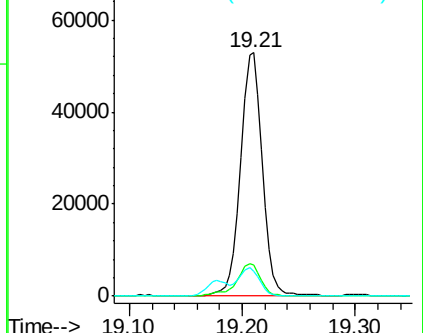
100 10.4 15.6 23.4#

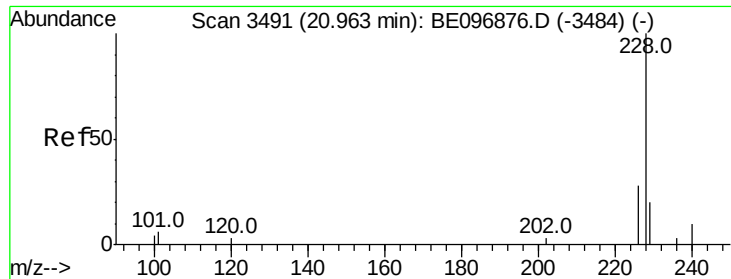


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

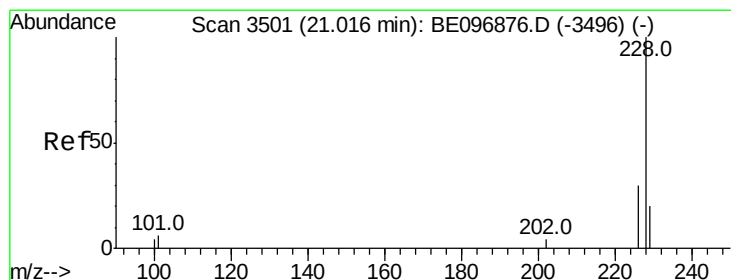
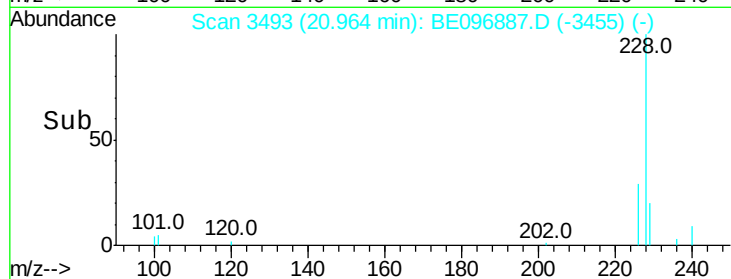
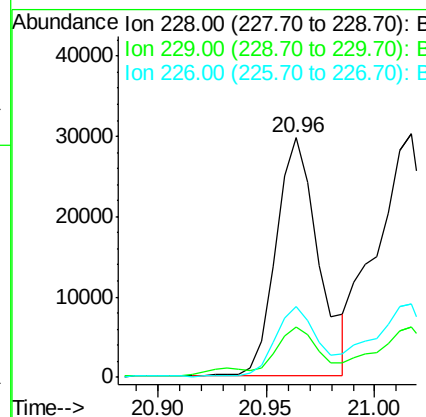
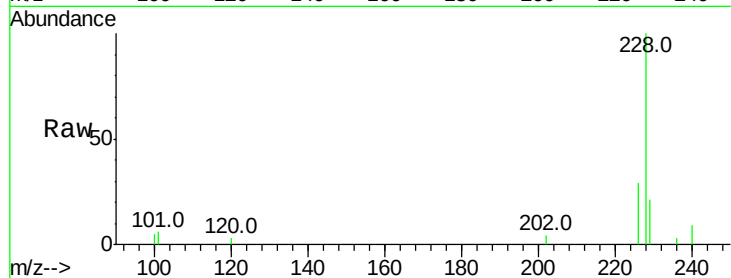




#18
Benzo(a)anthracene
Concen: 0.651 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

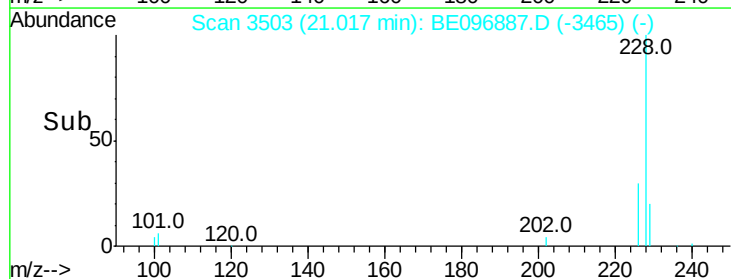
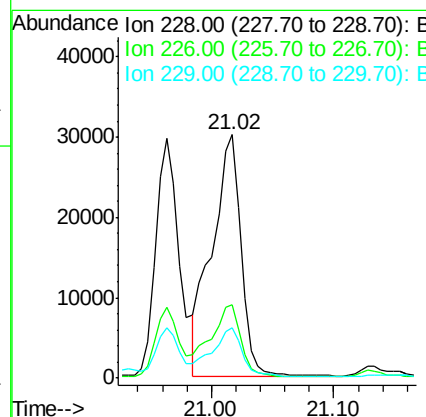
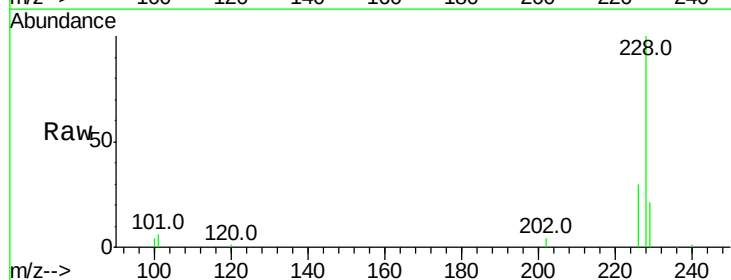
Instrument :
BNA_E
ClientSampleId :

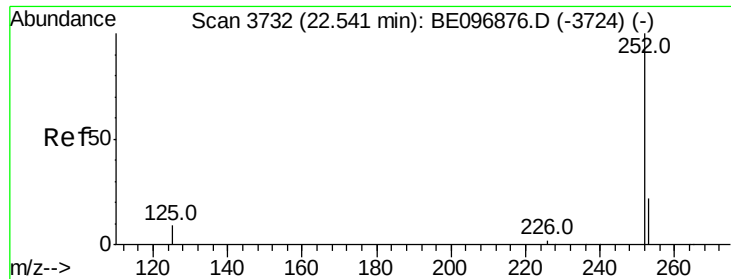
Tot Ion:228 Resp: 40252
Ion Ratio Lower Upper
228 100
229 20.8 22.8 34.2#
226 29.4 17.0 25.6#



#19
Chrysene
Concen: 0.622 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:228 Resp: 49805
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.0
229 20.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.272 ng/ul

RT: 22.54 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BE096887.D

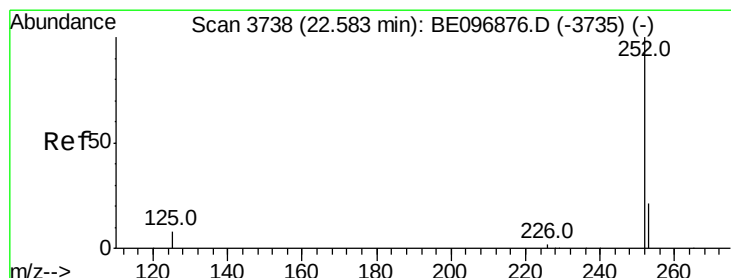
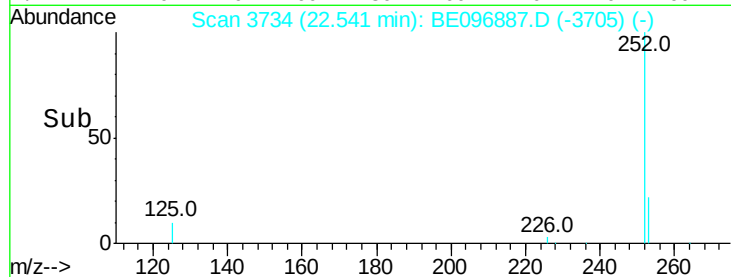
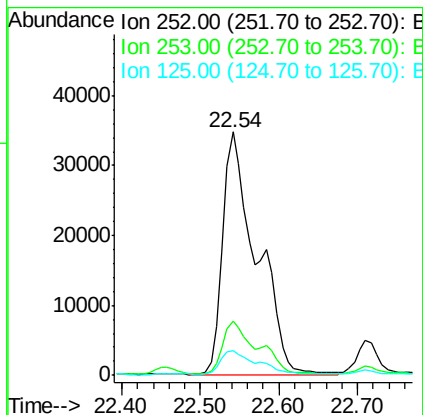
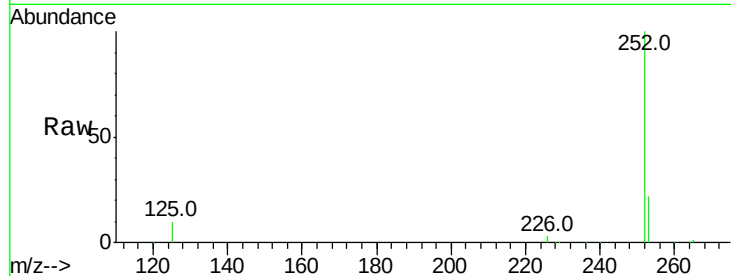
Acq: 9 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	252	Resp:	103675
Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	64.2
125	10.1	0.0	35.0



#22

Benzo(k)fluoranthene

Concen: 1.165 ng/ul

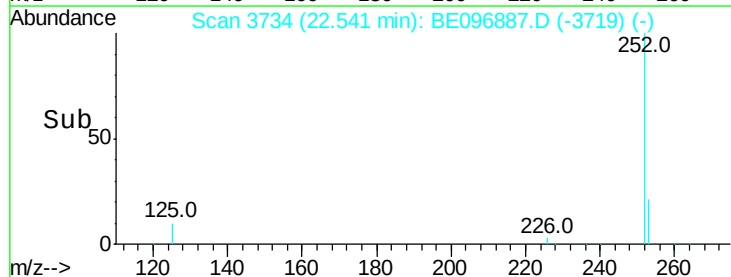
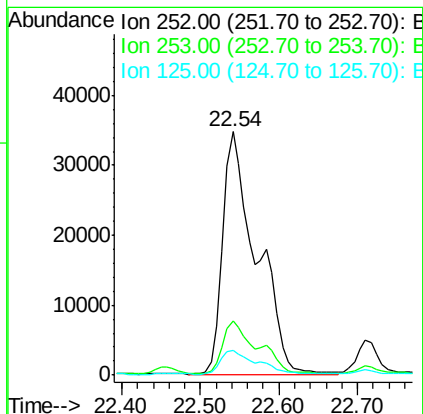
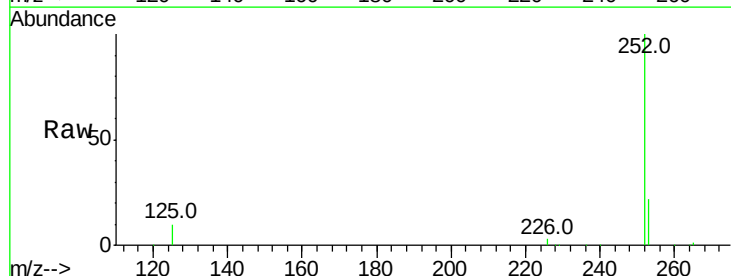
RT: 22.54 min Scan# 3734

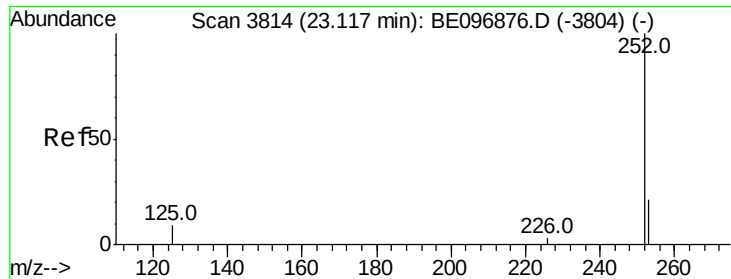
Delta R.T. -0.04 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

Tgt Ion:	252	Resp:	103675
Ion	Ratio	Lower	Upper
252	100		
253	22.4	24.5	36.7#
125	10.1	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.11 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

Instrument :

BNA_E

ClientSampleId :

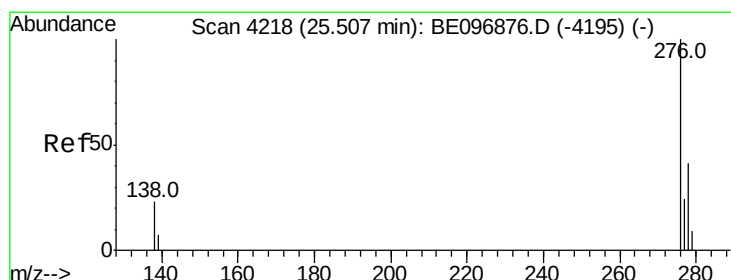
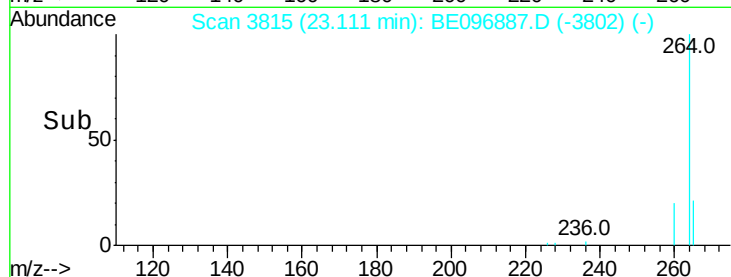
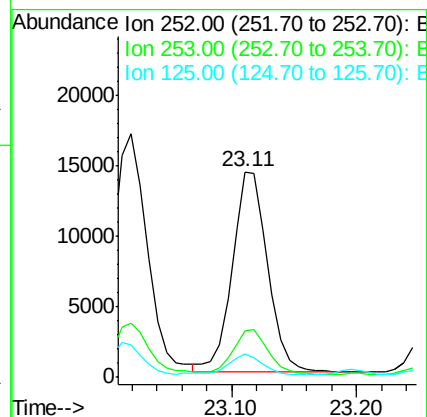
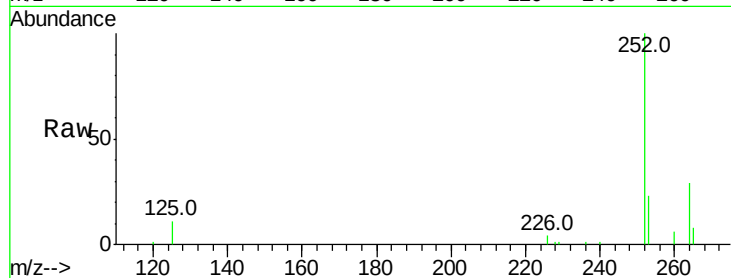
Tot Ion:252 Resp: 28050

Ion Ratio Lower Upper

252 100

253 22.9 28.5 42.7#

125 11.4 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.293 ng/ul

RT: 25.50 min Scan# 4218

Delta R.T. -0.01 min

Lab File: BE096887.D

Acq: 9 Jul 2018 18:48

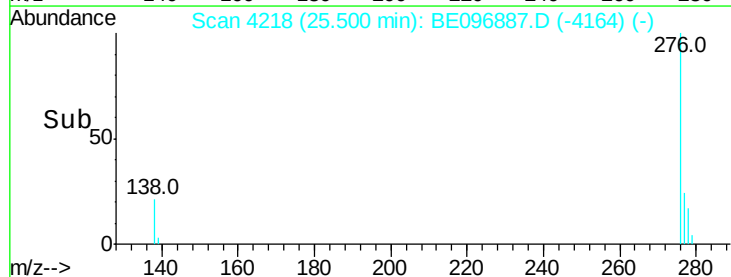
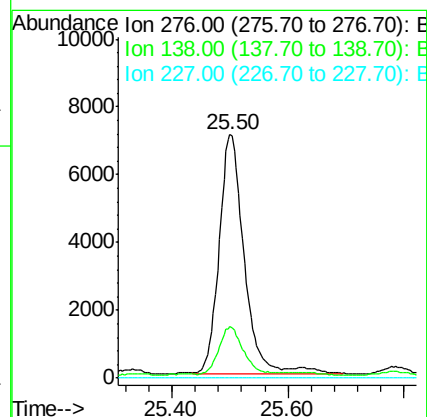
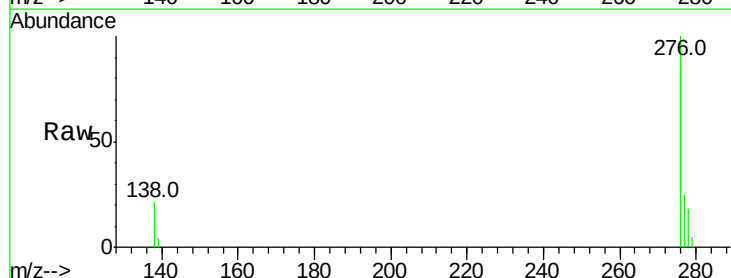
Tgt Ion:276 Resp: 20975

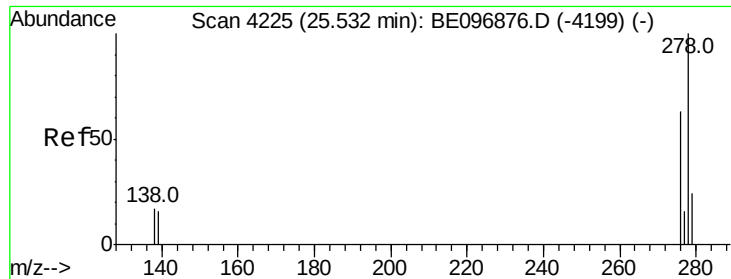
Ion Ratio Lower Upper

276 100

138 20.6 28.0 42.0#

227 0.0 8.0 12.0#



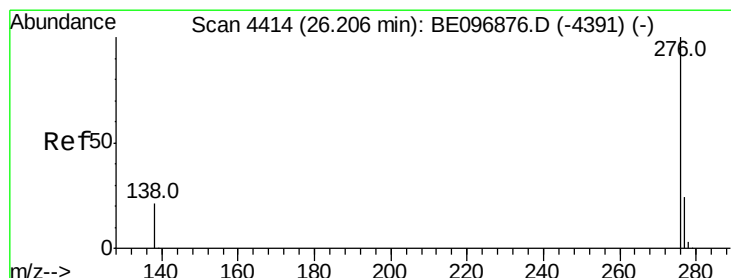
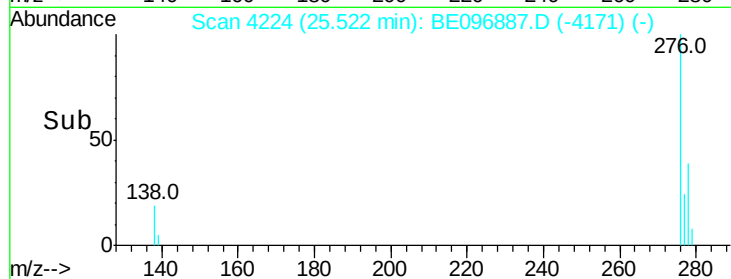
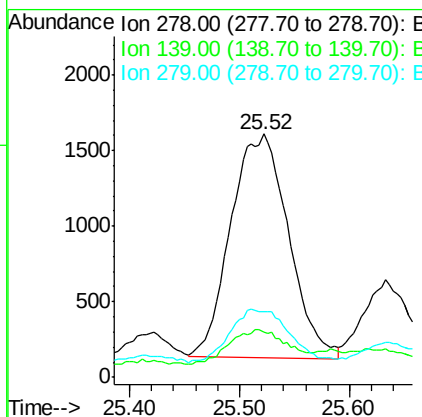
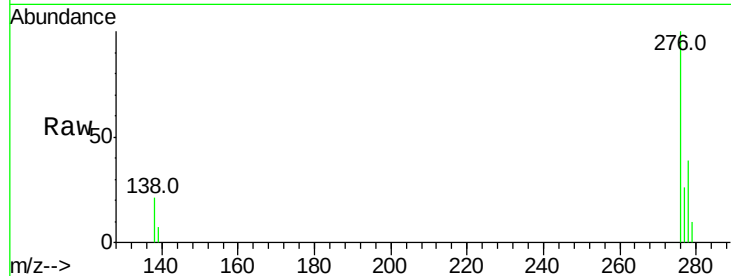


#25
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 25.52 min Scan# 4224
Delta R.T. -0.01 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 5387

Ion	Ratio	Lower	Upper
278	100		
139	18.7	17.4	26.0
279	26.8	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. -0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:276 Resp: 13754

Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.8	32.8
277	24.6	20.5	30.7

