

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095802.D
 Acq On : 15 Mar 2018 14:13
 Operator : SJ/JU
 Sample : J1813-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 01:13:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration

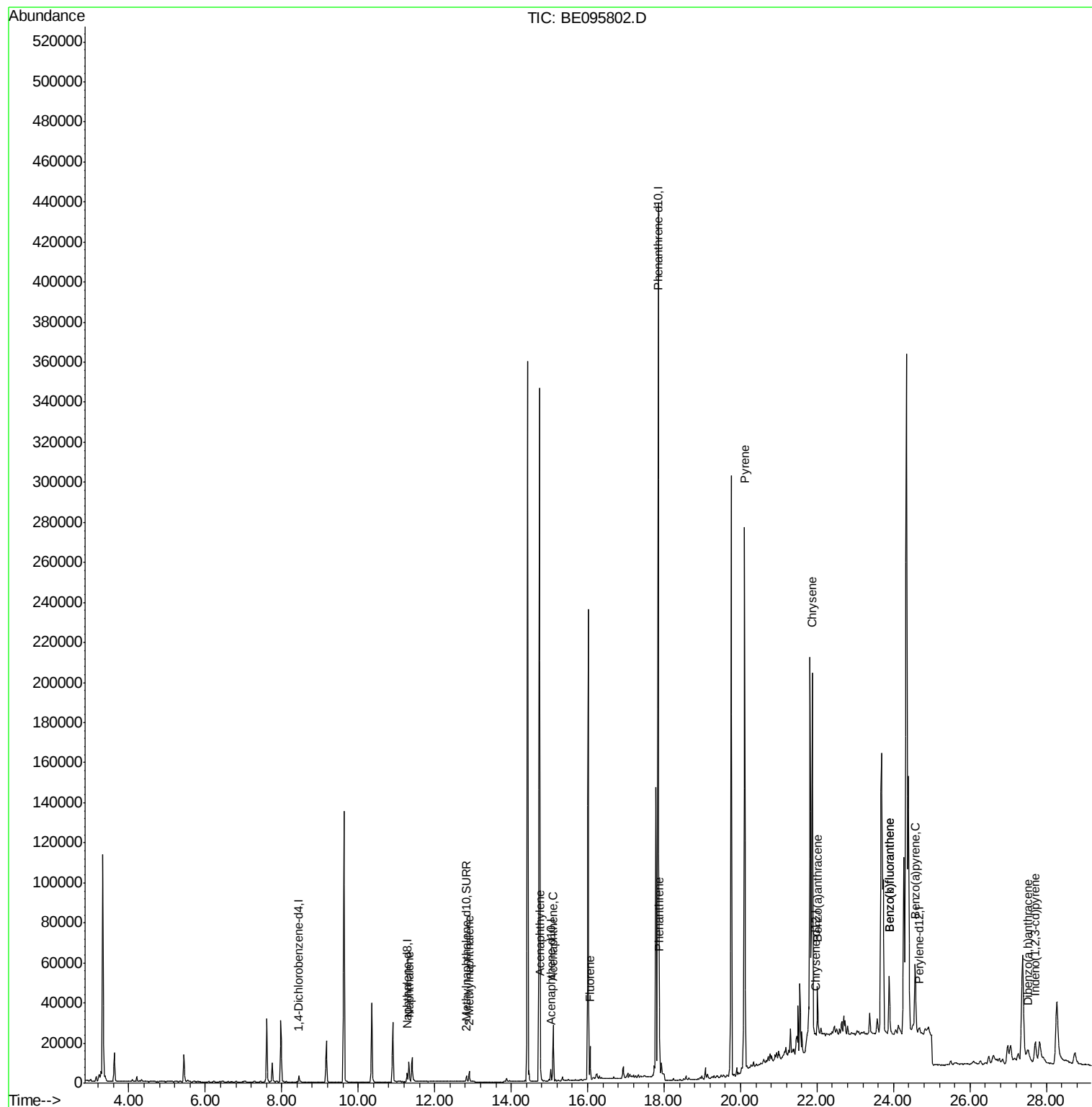
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2000	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5761	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	3339	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.84	188	505293	0.40	ng/ul	0.11
16) Chrysene-d12	21.98	240	194	0.40	ng/ul	0.15
20) Perylene-d12	24.68	264	1538	0.40	ng/ul	0.20
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	3601	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.82	212	210	0.00	ng/ul	0.10
Target Compounds						
					Ovalue	
3) Naphthalene	11.33	128	13921	0.866	ng/ul#	89
5) 2-Methylnaphthalene	12.91	142	4360	0.390	ng/ul	100
7) Acenaphthylene	14.77	152	7938	0.471	ng/ul	97
8) Acenaphthene	15.10	153	16428	1.294	ng/ul	95
9) Fluorene	16.06	166	10817	0.785	ng/ul	89
12) Phenanthrene	17.87	178	39299	0.026	ng/ul#	89
17) Pyrene	20.11	202	303082	411.436	ng/ul#	75
18) Benzo(a)anthracene	22.01	228	20360	32.526	ng/ul#	46
19) Chrysene	21.88	228	191205	300.004	ng/ul	95
21) Benzo(b)fluoranthene	23.89	252	41964	7.877	ng/ul	90
22) Benzo(k)fluoranthene	23.89	252	41964	8.286	ng/ul#	88
23) Benzo(a)pyrene	24.56	252	51574	10.603	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	27.71	276	4057	0.752	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.51	278	10724	2.487	ng/ul#	50

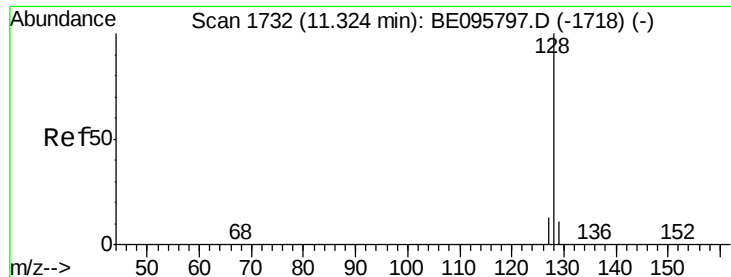
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.866 ng/ul

RT: 11.33 min Scan# 1733

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

ClientSampleId :

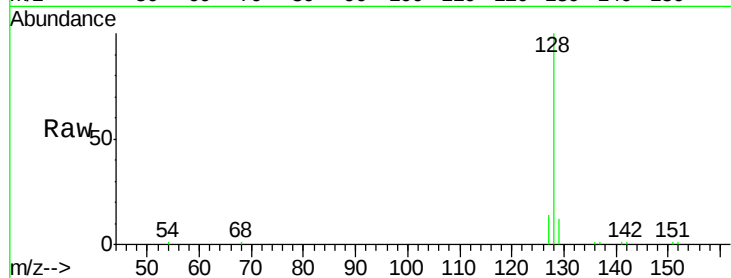
Tot Ion:128 Resp: 13921

Ion Ratio Lower Upper

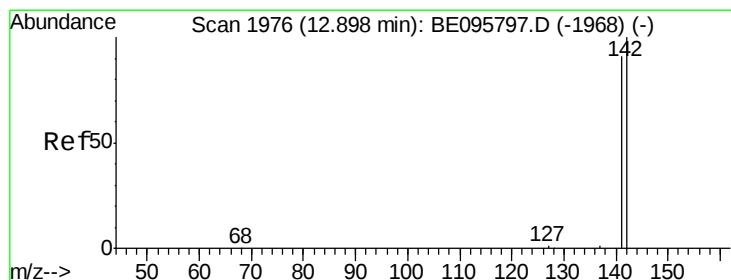
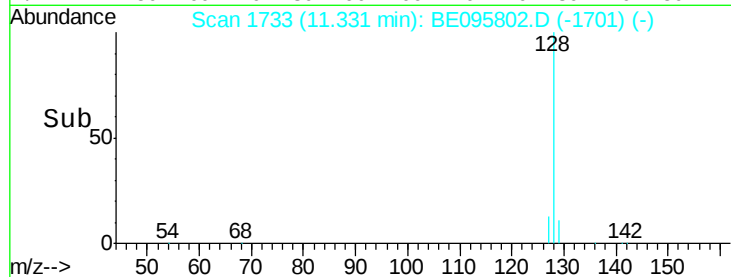
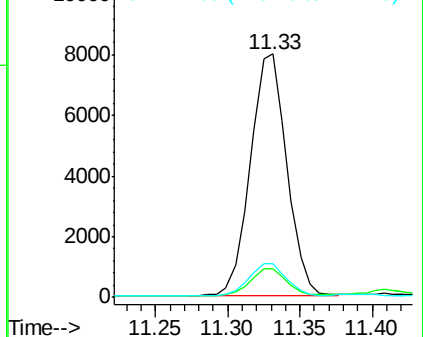
128 100

129 11.9 11.3 16.9

127 13.8 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: 0.390 ng/ul

RT: 12.91 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BE095802.D

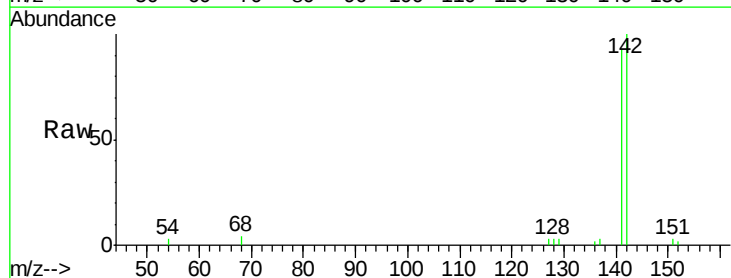
Acq: 15 Mar 2018 14:13

Tgt Ion:142 Resp: 4360

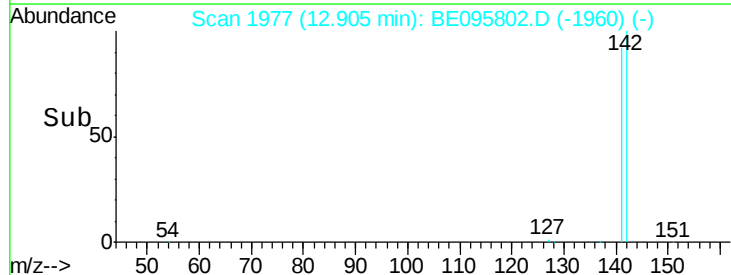
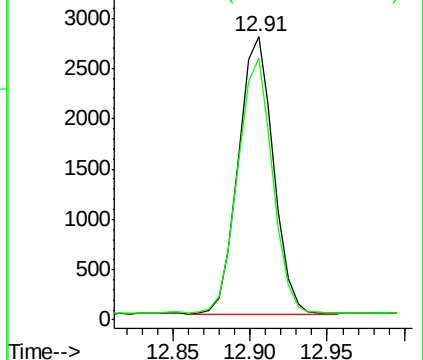
Ion Ratio Lower Upper

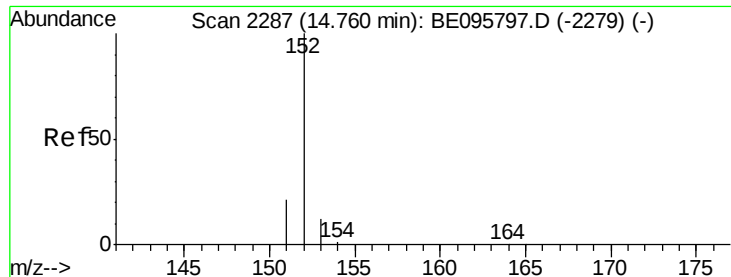
142 100

141 90.6 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: 0.471 ng/ul

RT: 14.77 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

ClientSampleId :

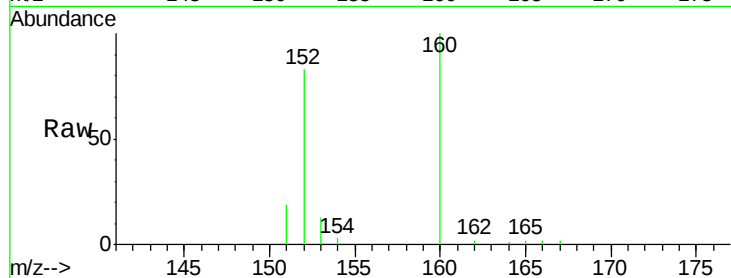
Tot Ion:152 Resp: 7938

Ion Ratio Lower Upper

152 100

151 23.3 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

6000

5000

4000

3000

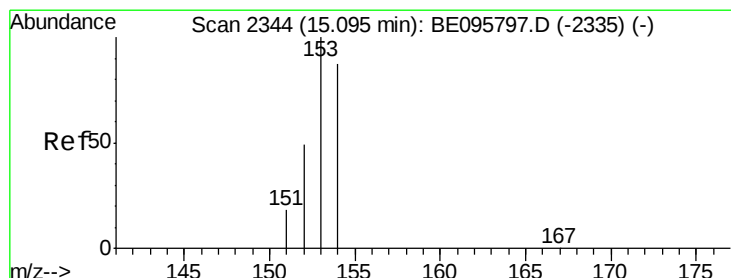
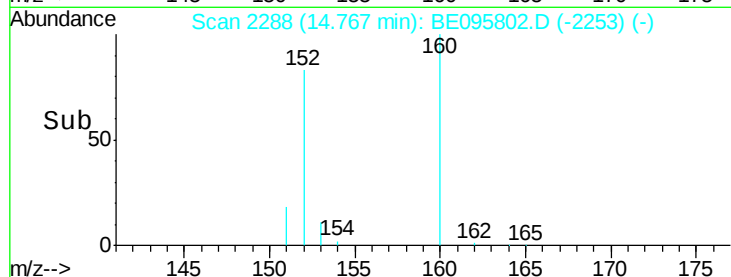
2000

1000

0

14.60 14.80 15.00

Time-->



#8

Acenaphthene

Concen: 1.294 ng/ul

RT: 15.10 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

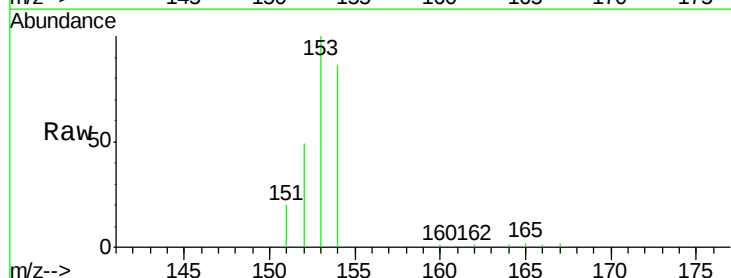
Tgt Ion:153 Resp: 16428

Ion Ratio Lower Upper

153 100

152 49.3 36.0 54.0

154 85.6 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

15000

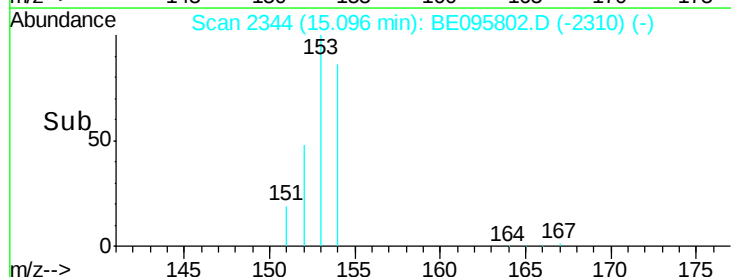
10000

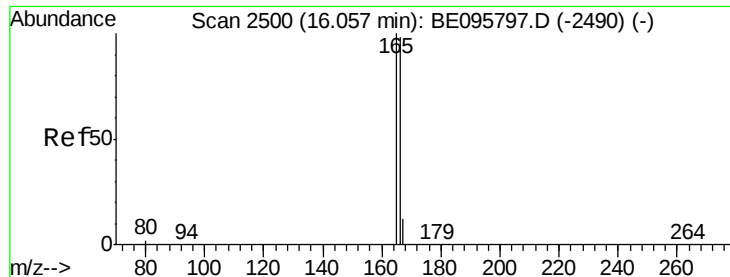
5000

0

15.00 15.05 15.10 15.15

Time-->





#9

Fluorene

Concen: 0.785 ng/ul

RT: 16.06 min Scan# 2501

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

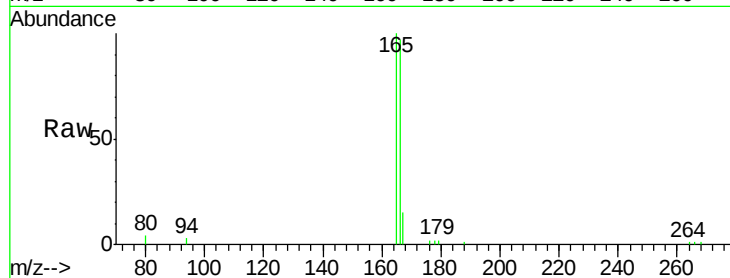
Instrument :

BNA_E

ClientSampleId :

Tot Ion:166 Resp: 10817

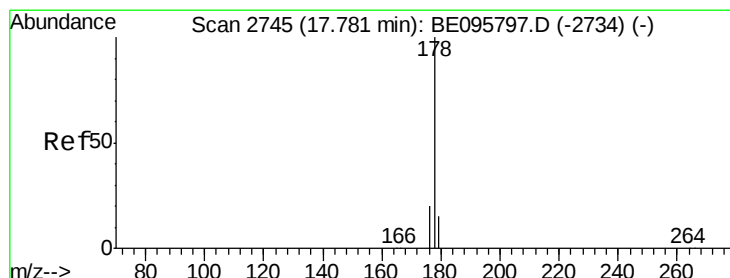
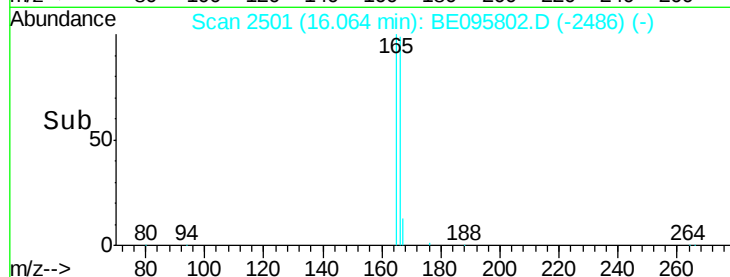
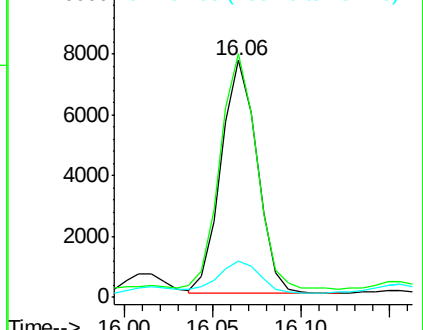
Ion	Ratio	Lower	Upper
166	100		
165	102.8	73.4	110.2
167	15.4	14.6	22.0



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



#12

Phenanthrene

Concen: 0.026 ng/ul

RT: 17.87 min Scan# 2758

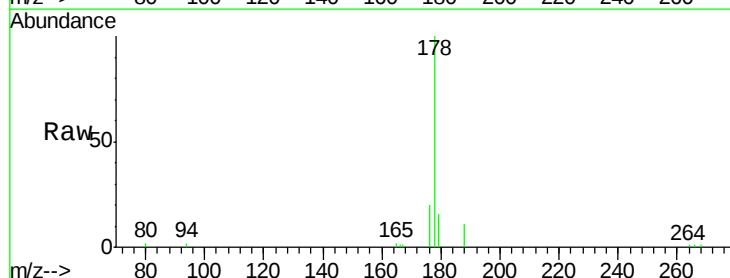
Delta R.T. 0.09 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Tgt Ion:178 Resp: 39299

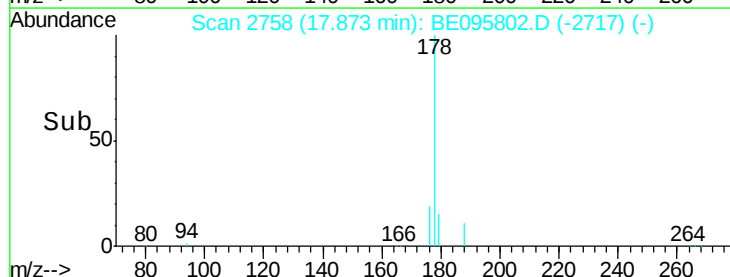
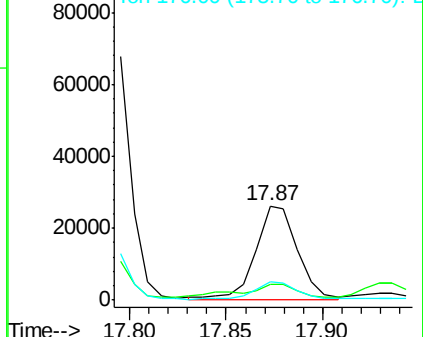
Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.4	27.6#
176	20.1	13.6	20.4

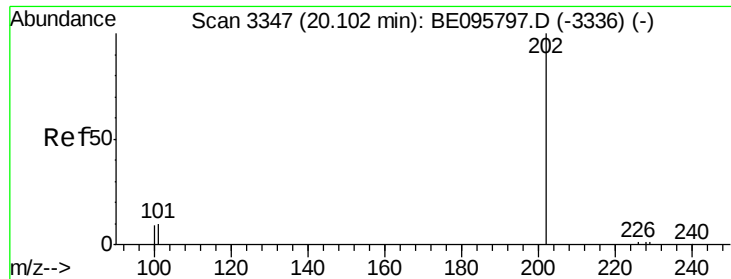


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Pvrene

Concen: 411.436 ng/ul

RT: 20.11 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

ClientSampleId :

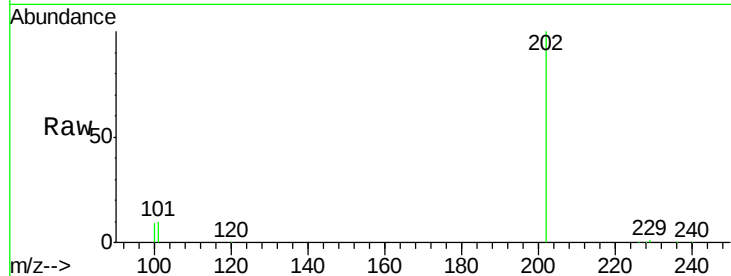
Tot Ion:202 Resp: 303082

Ion Ratio Lower Upper

202 100

101 10.1 18.2 27.4#

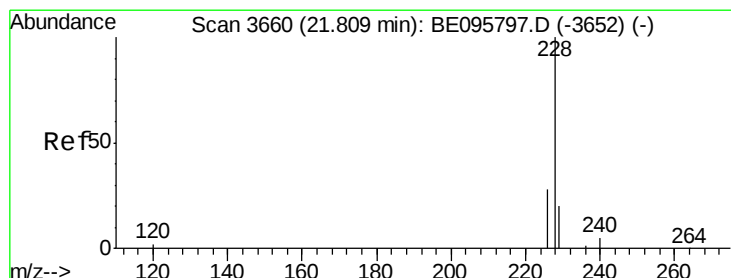
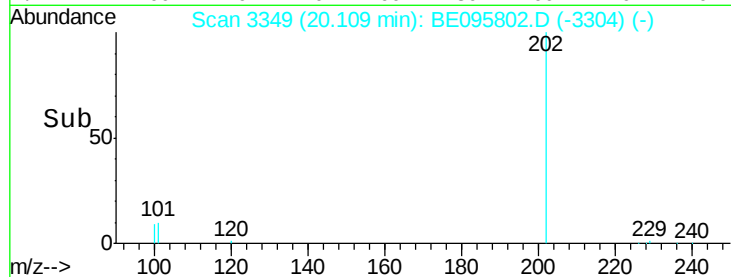
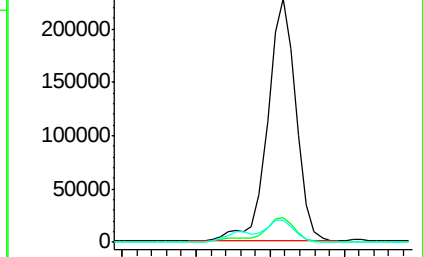
100 9.0 15.6 23.4#



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: 32.526 ng/ul

RT: 22.01 min Scan# 3690

Delta R.T. 0.20 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

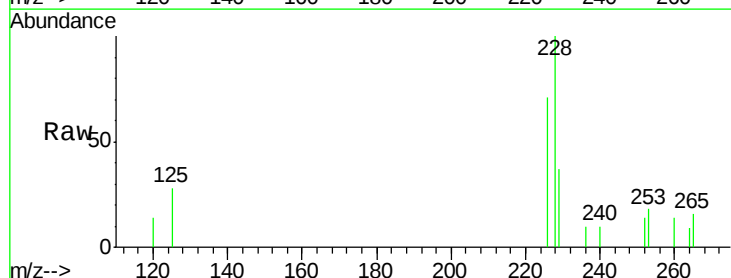
Tgt Ion:228 Resp: 20360

Ion Ratio Lower Upper

228 100

229 36.6 22.8 34.2#

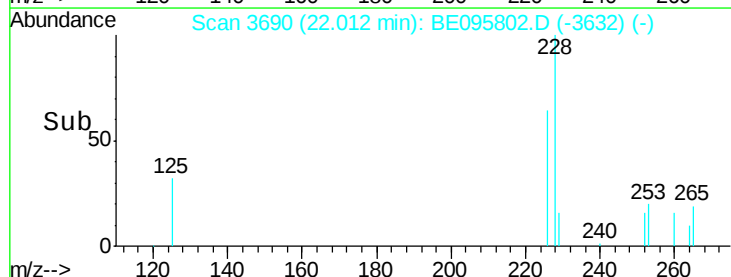
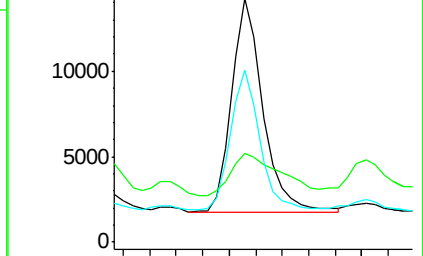
226 70.7 17.0 25.6#

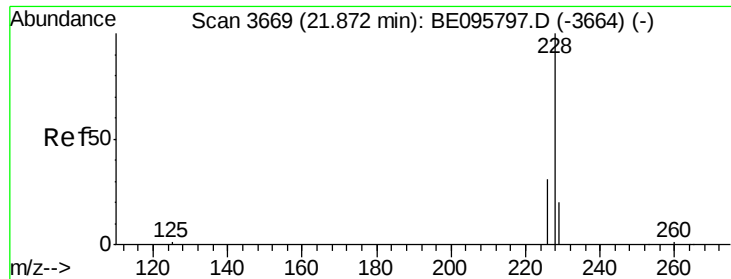


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 300.004 ng/ul

RT: 21.88 min Scan# 3671

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

ClientSampleId :

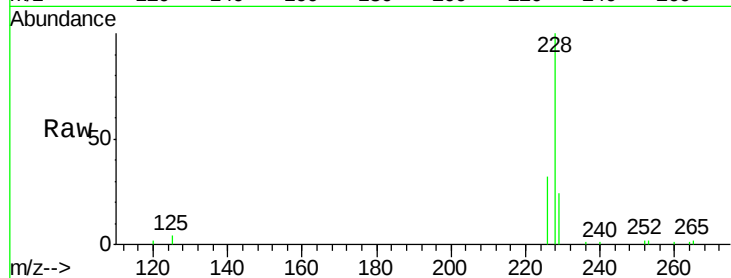
Tot Ion:228 Resp: 191205

Ion Ratio Lower Upper

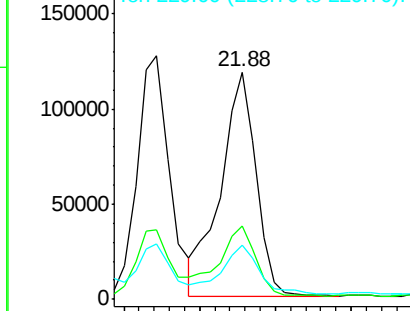
228 100

226 32.2 23.4 35.0

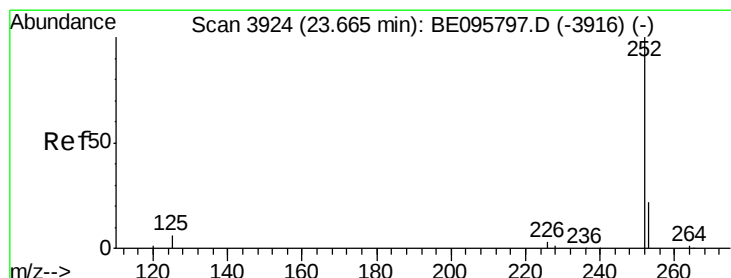
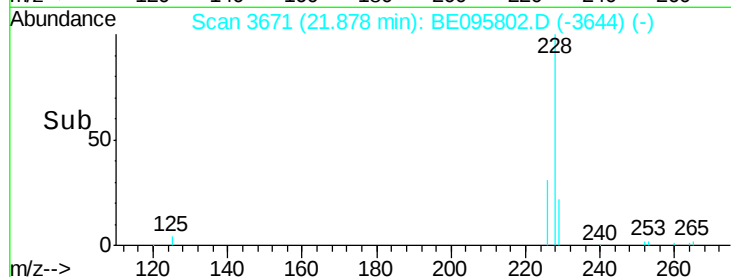
229 23.9 17.7 26.5



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



Time-->



#21

Benzo(b)fluoranthene

Concen: 7.877 ng/ul

RT: 23.89 min Scan# 3957

Delta R.T. 0.22 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

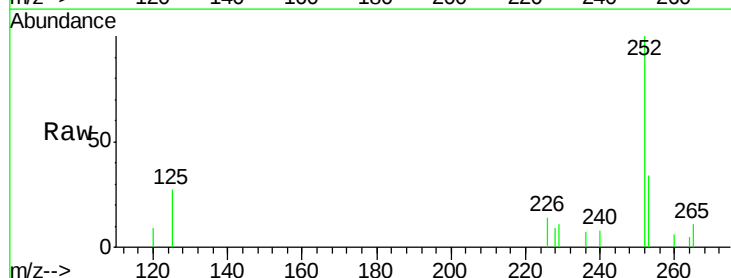
Tgt Ion:252 Resp: 41964

Ion Ratio Lower Upper

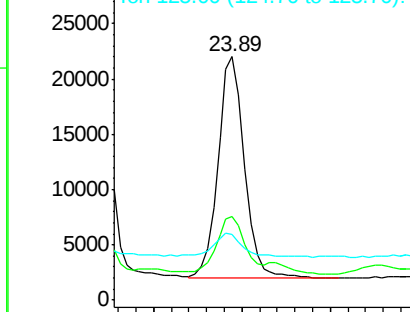
252 100

253 34.3 0.0 64.2

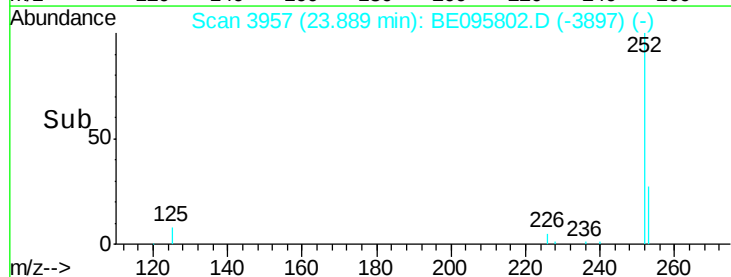
125 26.7 0.0 35.0

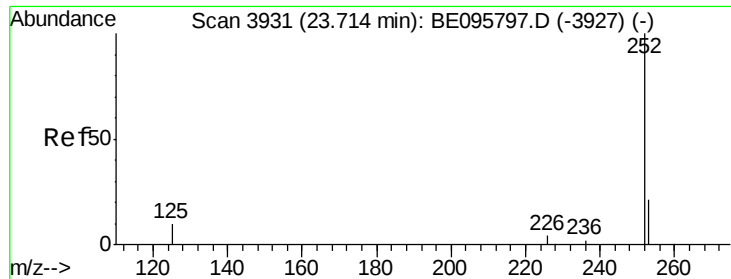


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#22

Benzo(k)fluoranthene

Concen: 8.286 ng/ul

RT: 23.89 min Scan# 3957

Delta R.T. 0.18 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

ClientSampleId :

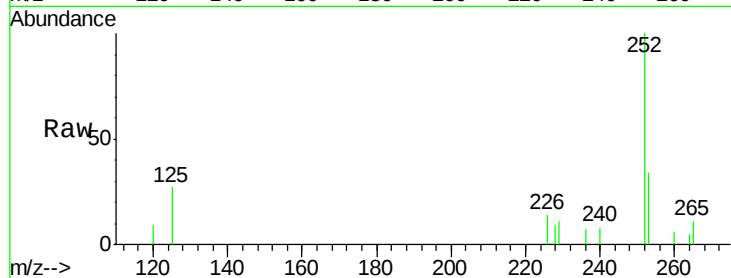
Tot Ion:252 Resp: 41964

Ion Ratio Lower Upper

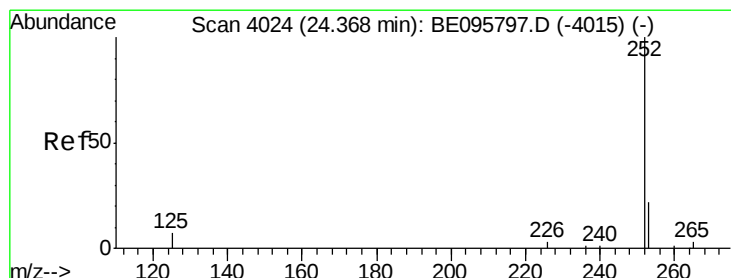
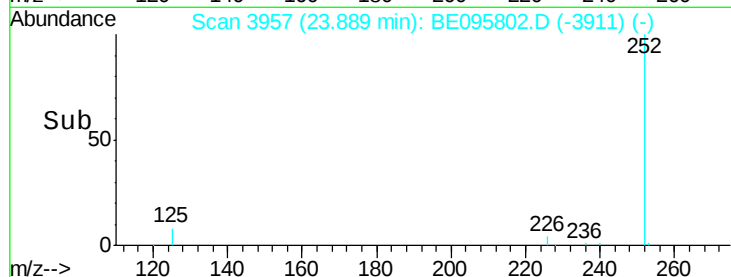
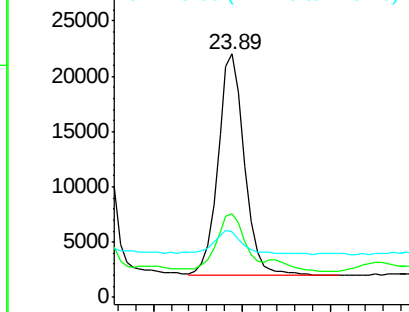
252 100

253 34.3 24.5 36.7

125 26.7 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: 10.603 ng/ul

RT: 24.56 min Scan# 4053

Delta R.T. 0.20 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

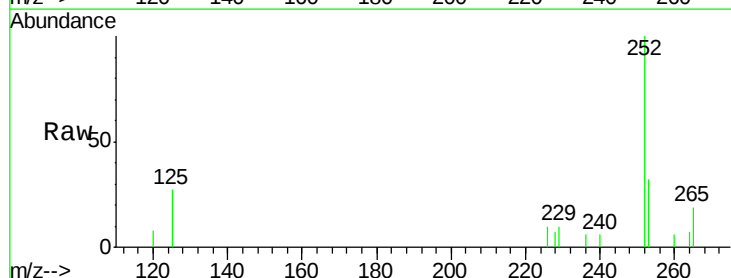
Tgt Ion:252 Resp: 51574

Ion Ratio Lower Upper

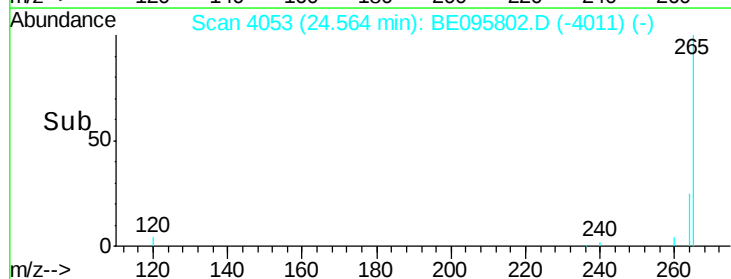
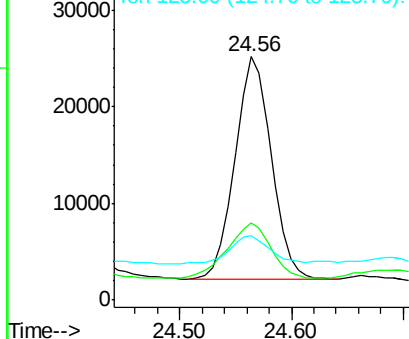
252 100

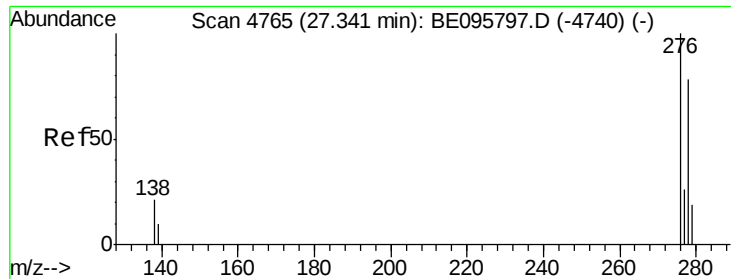
253 31.6 28.5 42.7

125 26.7 18.1 27.1



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



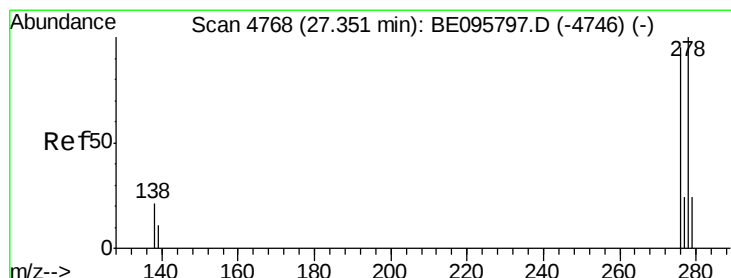
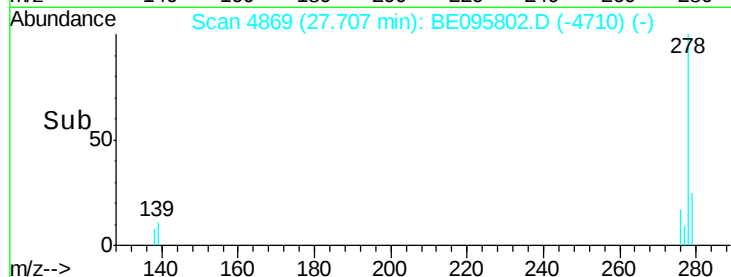
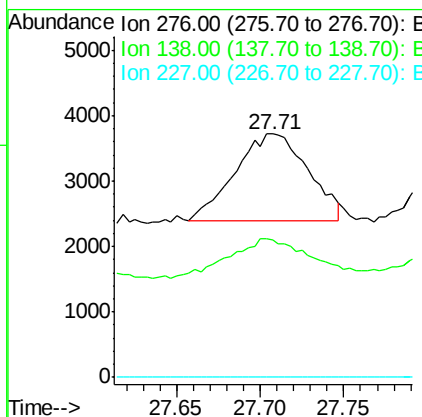
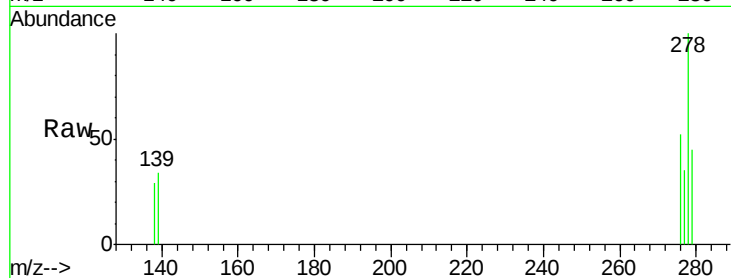


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.752 ng/uL
RT: 27.71 min Scan# 4869
Delta R.T. 0.37 min
Lab File: BE095802.D
Acq: 15 Mar 2018 14:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 4057
Ion Ratio Lower Upper
276 100
138 47.9 28.0 42.0#
227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene
Concen: 2.487 ng/uL
RT: 27.51 min Scan# 4814
Delta R.T. 0.16 min
Lab File: BE095802.D
Acq: 15 Mar 2018 14:13

Tgt Ion:278 Resp: 10724
Ion Ratio Lower Upper
278 100
139 49.3 17.4 26.0#
279 57.6 25.9 38.9#

