

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096955.D
 Acq On : 17 Jul 2018 12:19
 Operator : SJ/JU
 Sample : SST00.463
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 13:01:52 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 : Tue Jul 17 13:01:30 2018
 Response via : Initial Calibration

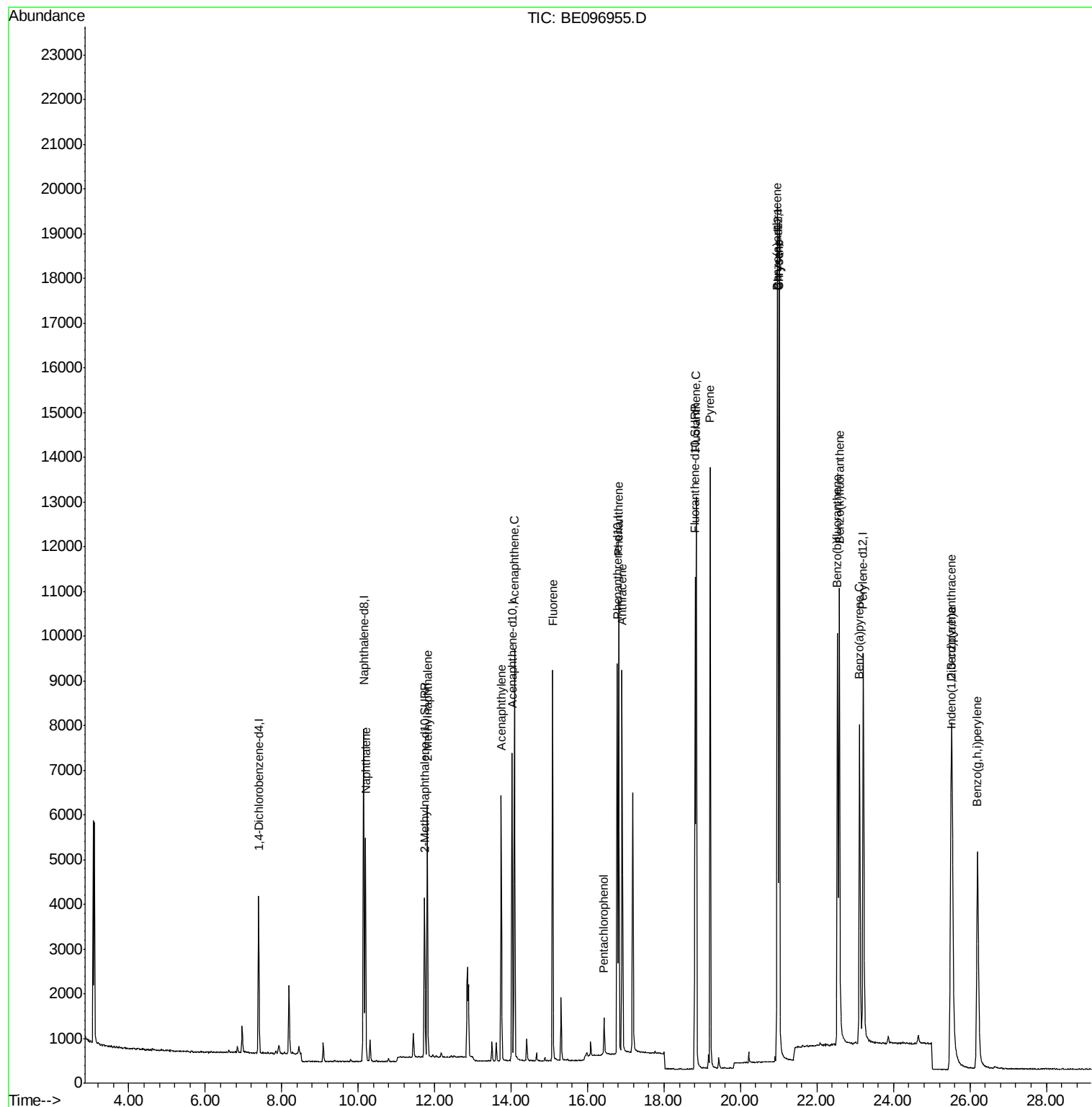
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1678	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	7736	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	3886	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	10500	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12970	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12149	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	4856	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	12328	0.47	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	7463	0.399	ng/ul#	92
5) 2-Methylnaphthalene	11.81	142	4856	0.381	ng/ul	98
7) Acenaphthylene	13.74	152	6747	0.424	ng/ul	96
8) Acenaphthene	14.09	153	5199	0.395	ng/ul	95
9) Fluorene	15.08	166	5410	0.399	ng/ul	92
11) Pentachlorophenol	16.43	266	454	0.661	ng/ul	98
12) Phenanthrene	16.81	178	10929	0.404	ng/ul#	88
13) Anthracene	16.90	178	9448	0.411	ng/ul#	91
15) Fluoranthene	18.84	202	13915	0.483	ng/ul	84
17) Pyrene	19.21	202	14583	0.343	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	13387	0.438	ng/ul#	86
19) Chrysene	21.01	228	15168	0.383	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	13408	0.404	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	13922	0.385	ng/ul#	84
23) Benzo(a)pyrene	23.11	252	11669	0.416	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	13300	0.457	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.53	278	11178	0.483	ng/ul#	88
26) Benzo(g,h,i)perylene	26.20	276	11863	0.420	ng/ul#	93

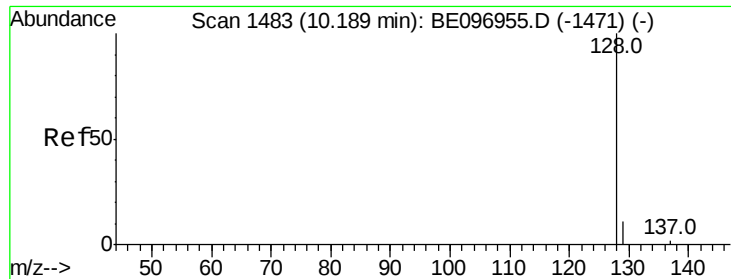
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Jul 17 13:01:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
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QLast Update : Tue Jul 17 13:01:30 2018
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#3

Naphthalene

Concen: 0.399 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

Instrument :

BNA_E

ClientSampleId :

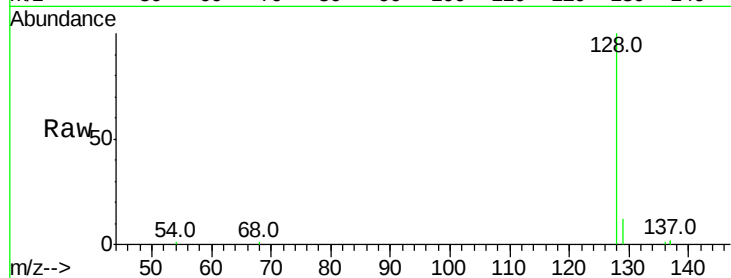
Tot Ion:128 Resp: 7463

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

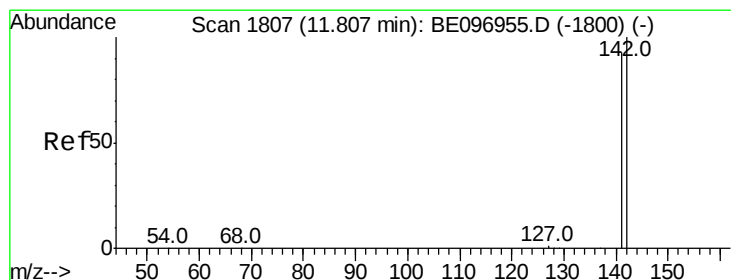
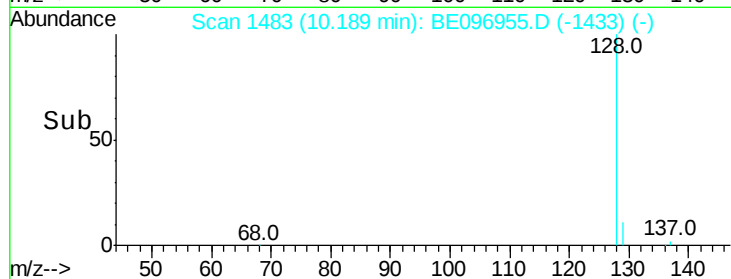
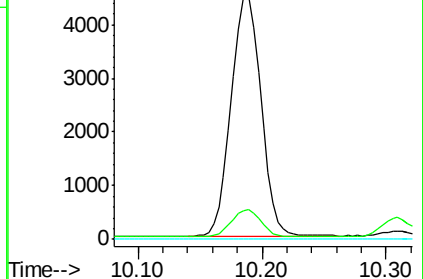
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.381 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE096955.D

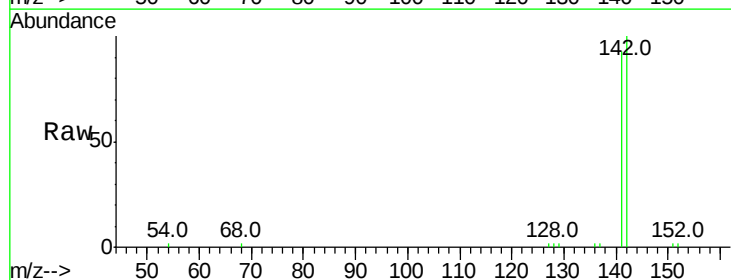
Acq: 17 Jul 2018 12:19

Tgt Ion:142 Resp: 4856

Ion Ratio Lower Upper

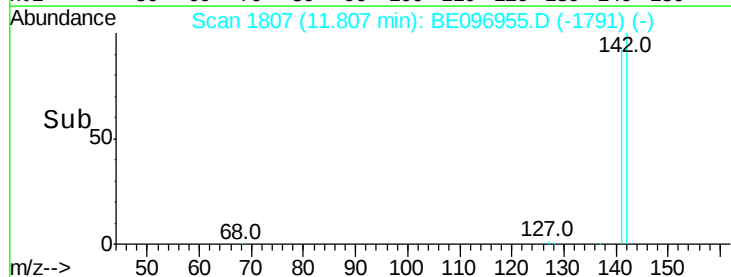
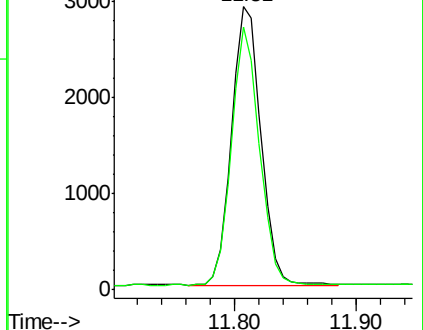
142 100

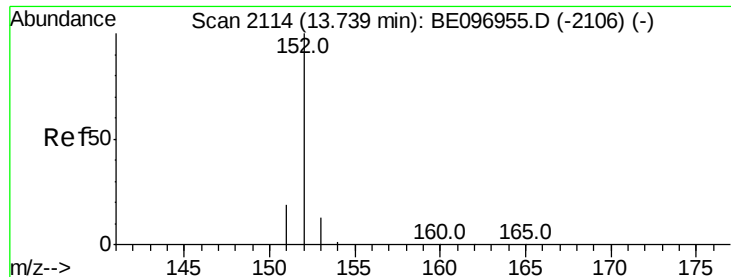
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.424 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

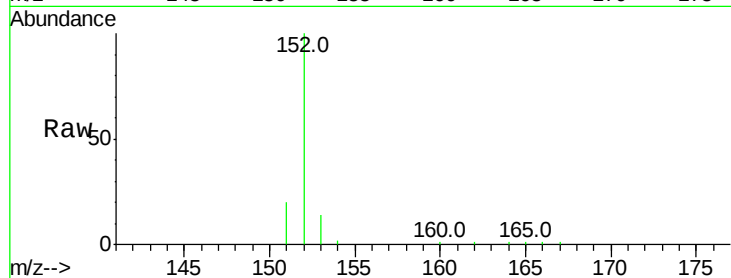
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 6747

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.1	25.7
153	13.8	12.8	19.2

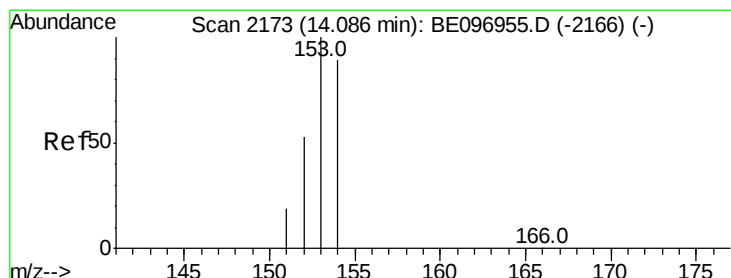
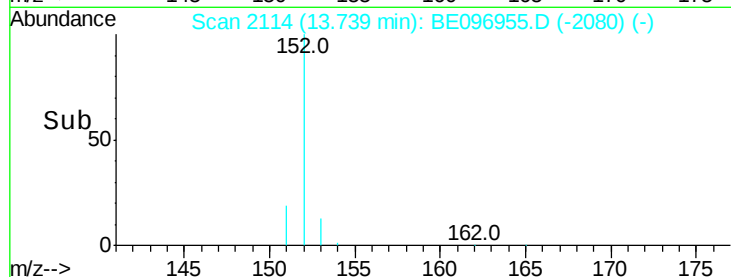
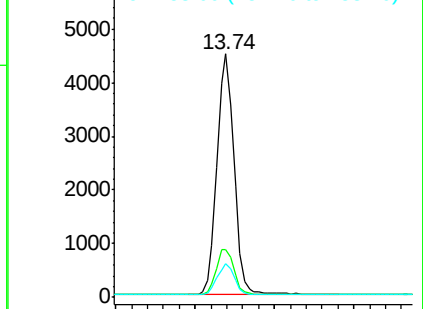


Abundance

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



#8

Acenaphthene

Concen: 0.395 ng/ul

RT: 14.09 min Scan# 2173

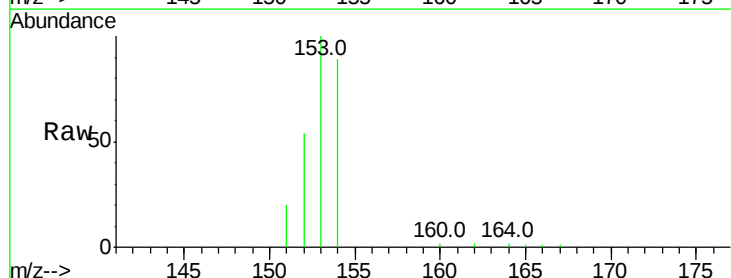
Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

Tgt Ion:153 Resp: 5199

Ion	Ratio	Lower	Upper
153	100		
152	53.7	36.0	54.0
154	89.3	72.0	108.0

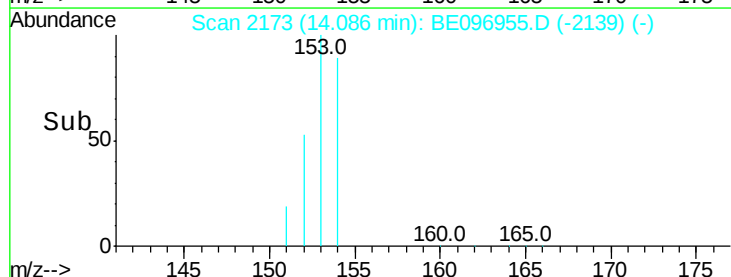
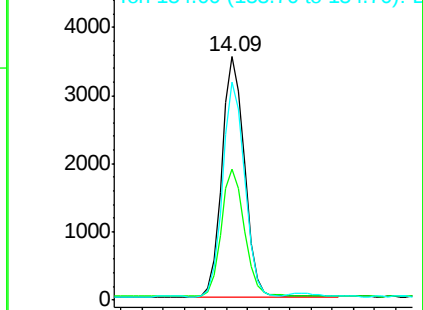


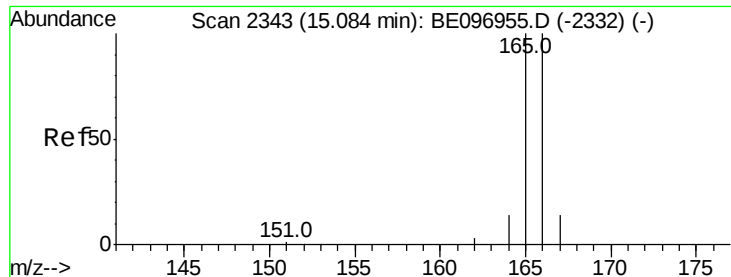
Abundance

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

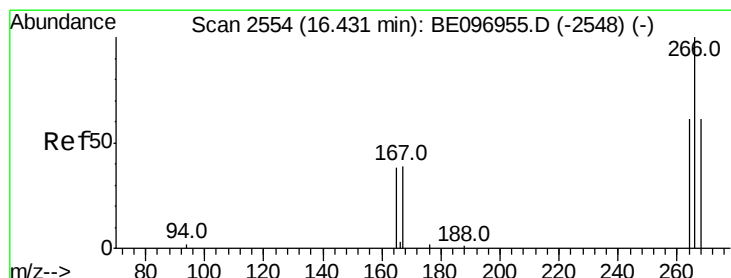
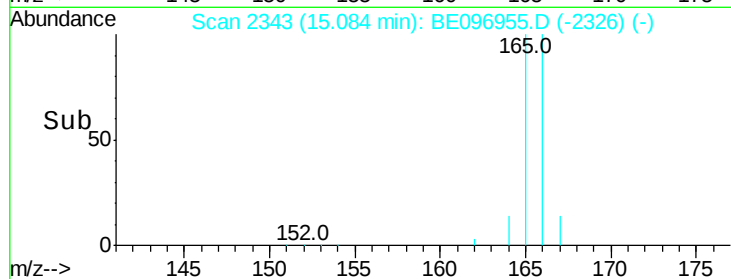
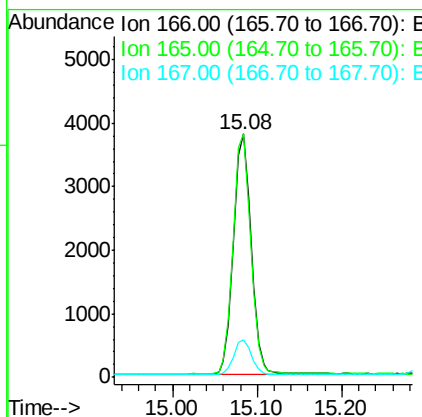
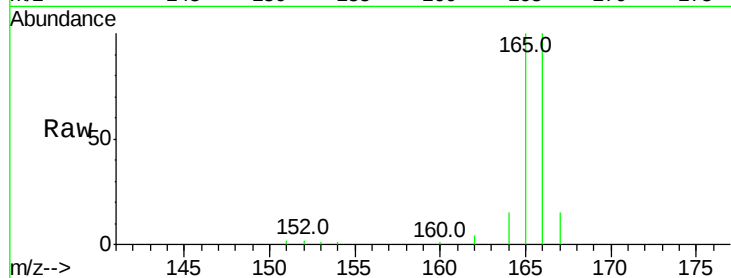




#9
Fluorene
 Concen: 0.399 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BE096955.D
 Acq: 17 Jul 2018 12:19

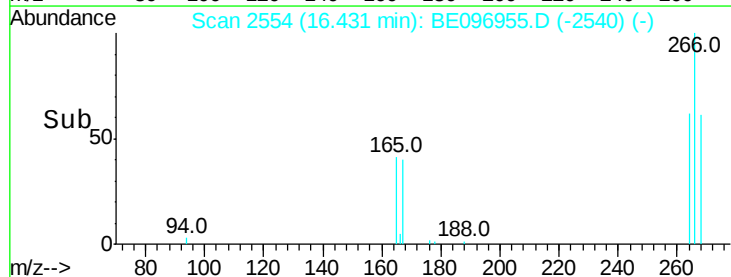
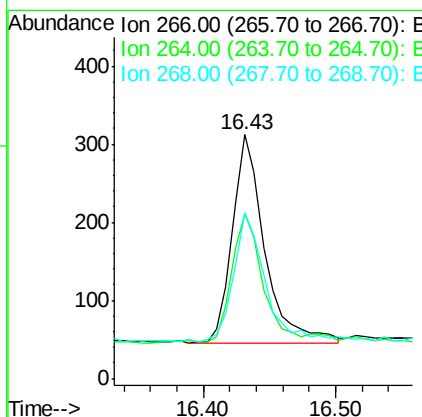
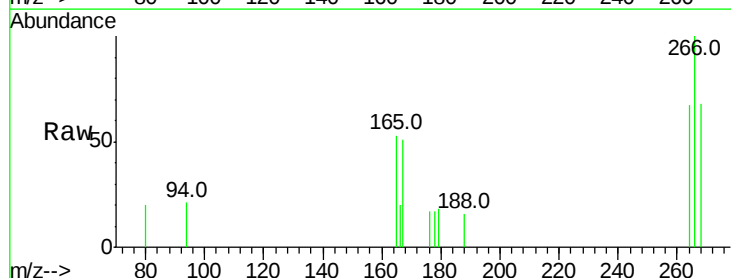
Instrument :
 BNA_E
 ClientSampleId :

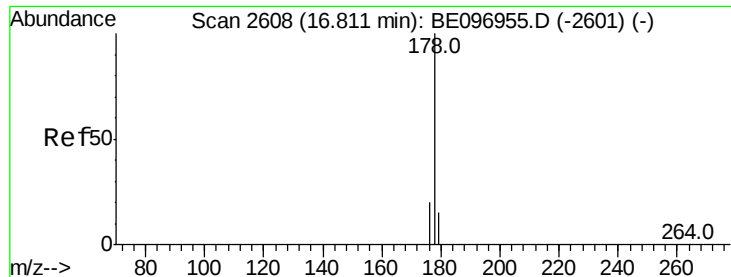
Tot Ion:166 Resp: 5410
 Ion Ratio Lower Upper
 166 100
 165 99.9 73.4 110.2
 167 15.3 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.661 ng/ul
 RT: 16.43 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BE096955.D
 Acq: 17 Jul 2018 12:19

Tgt Ion:266 Resp: 454
 Ion Ratio Lower Upper
 266 100
 264 60.1 47.9 71.9
 268 59.9 49.8 74.8





#12

Phenanthrene

Concen: 0.404 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

Instrument :

BNA_E

ClientSampleId :

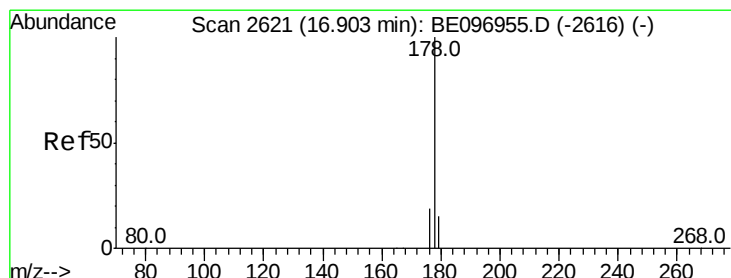
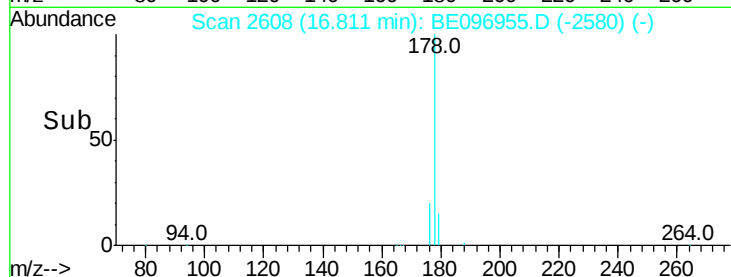
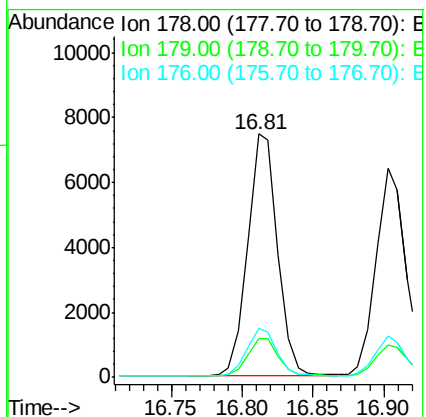
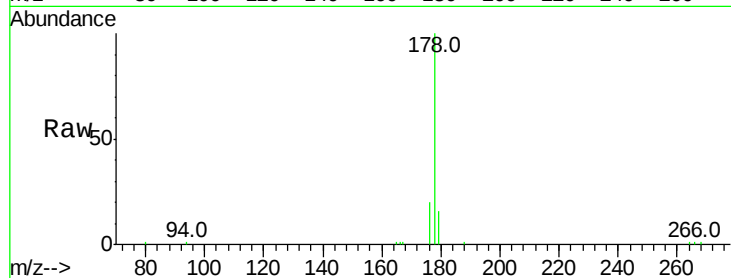
Tot Ion:178 Resp: 10929

Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

176 20.3 13.6 20.4



#13

Anthracene

Concen: 0.411 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

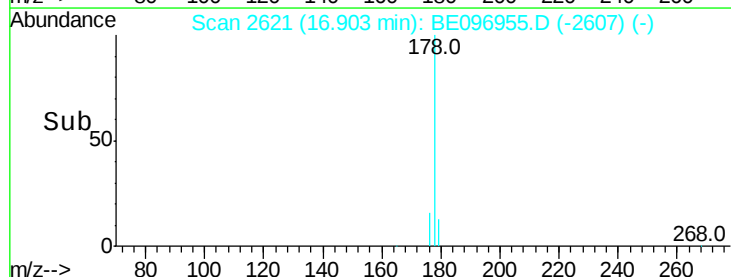
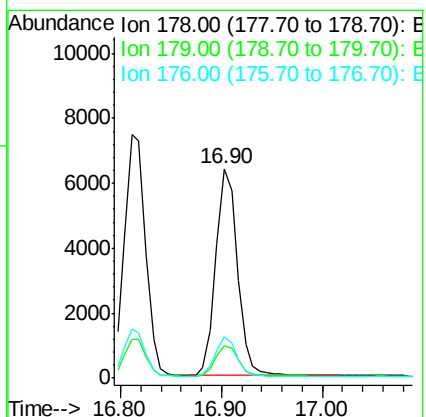
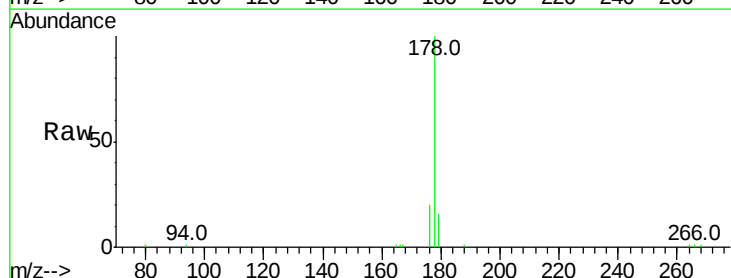
Tgt Ion:178 Resp: 9448

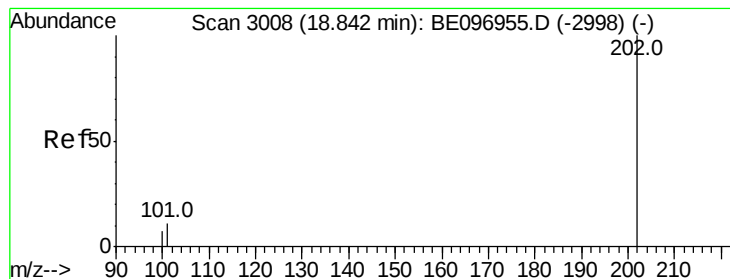
Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

176 19.8 14.7 22.1





#15

Fluoranthene

Concen: 0.483 ng/ul

RT: 18.84 min Scan# 3008

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

Instrument :

BNA_E

ClientSampleId :

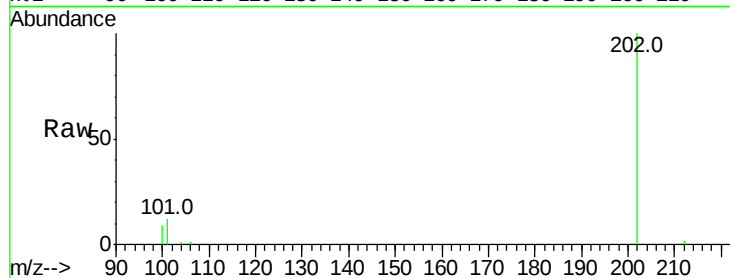
Tot Ion:202 Resp: 13915

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

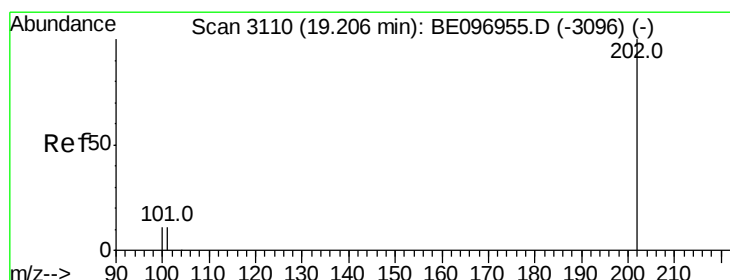
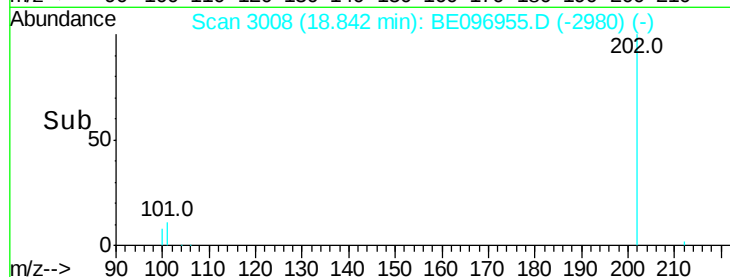
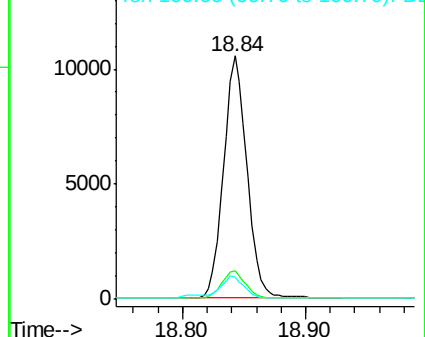
100 8.9 0.0 39.5



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: 0.343 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

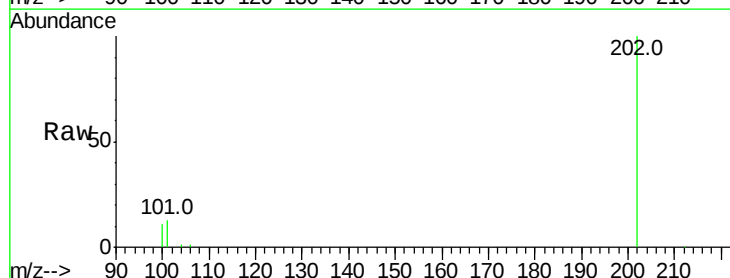
Tgt Ion:202 Resp: 14583

Ion Ratio Lower Upper

202 100

101 13.1 18.2 27.4#

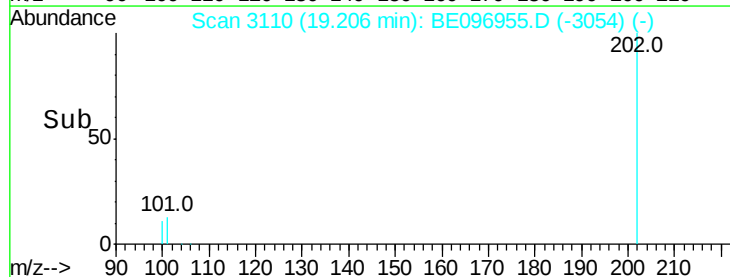
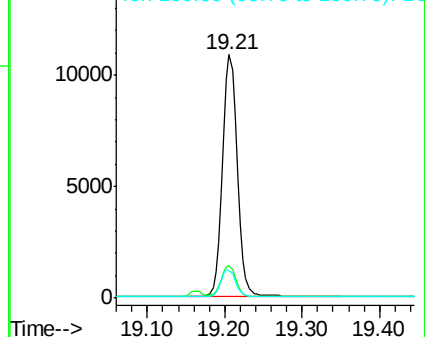
100 11.4 15.6 23.4#

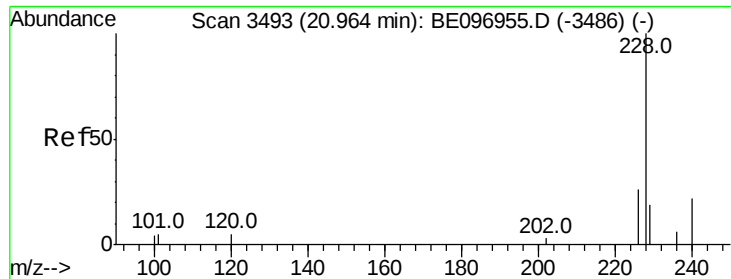


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

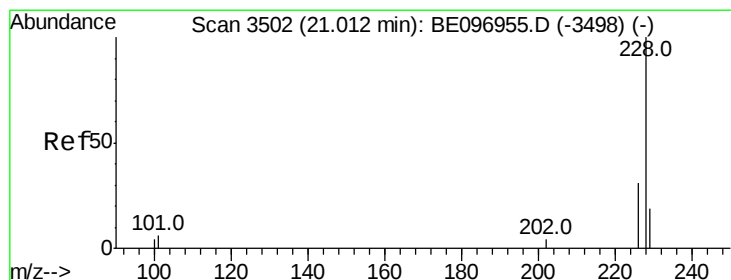
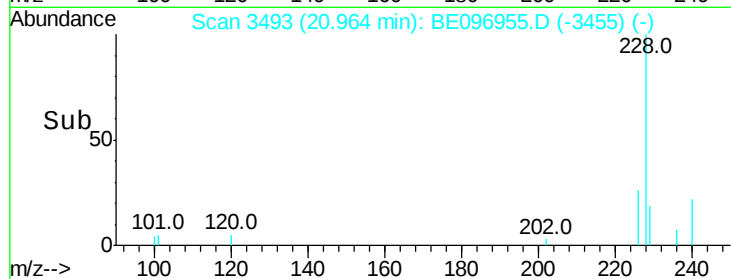
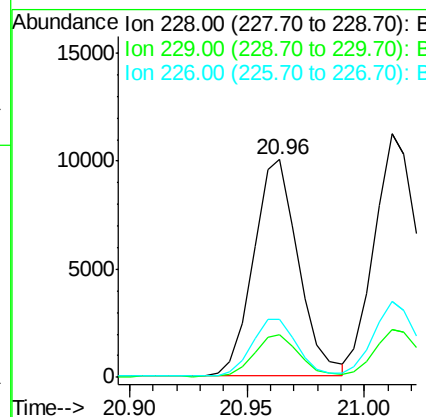
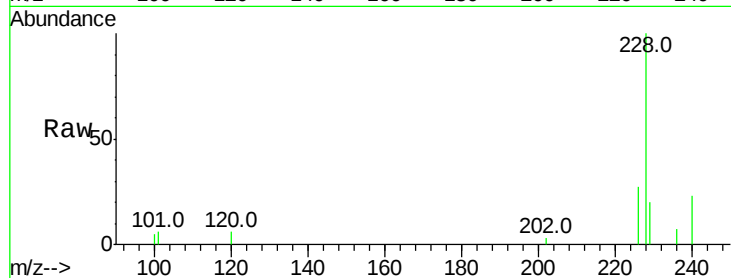




#18
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096955.D
Acq: 17 Jul 2018 12:19

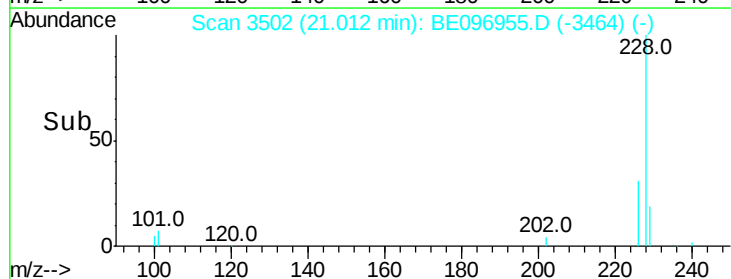
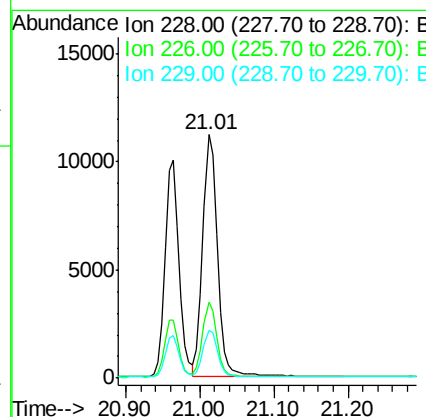
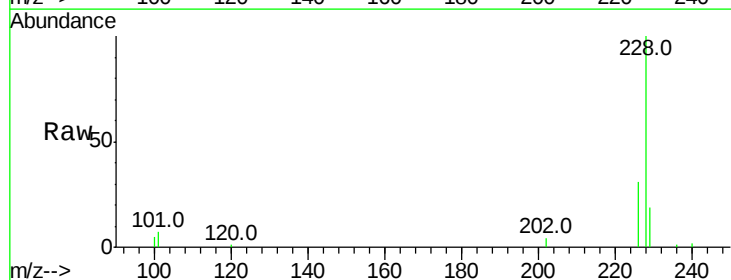
Instrument :
BNA_E
ClientSampleId :

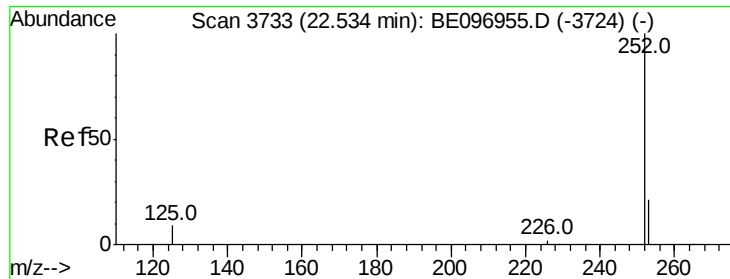
Tot Ion:228 Resp: 13387
Ion Ratio Lower Upper
228 100
229 19.8 22.8 34.2#
226 26.7 17.0 25.6#



#19
Chrysene
Concen: 0.383 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BE096955.D
Acq: 17 Jul 2018 12:19

Tgt Ion:228 Resp: 15168
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 19.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.404 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

Instrument :

BNA_E

ClientSampleId :

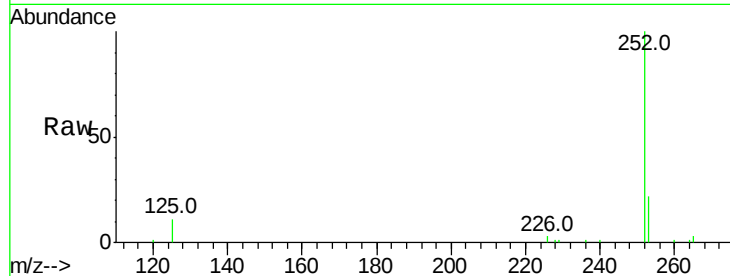
Tot Ion:252 Resp: 13408

Ion Ratio Lower Upper

252 100

253 22.2 0.0 64.2

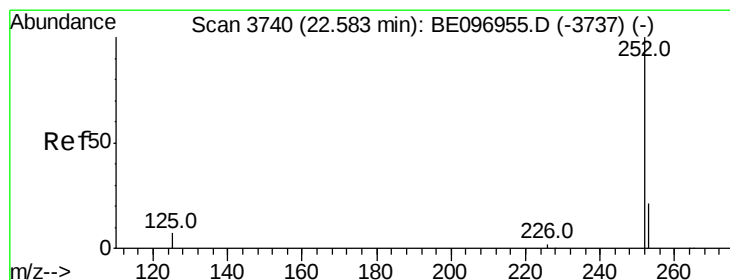
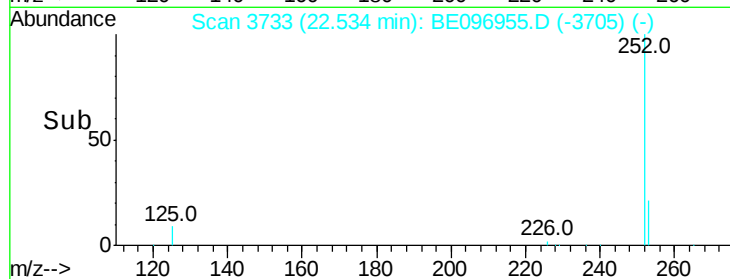
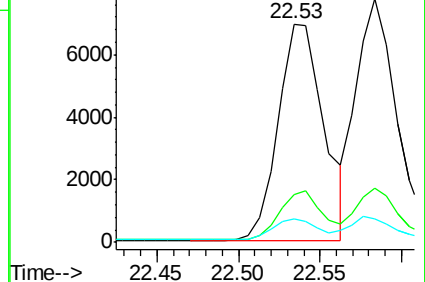
125 10.5 0.0 35.0



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: 0.385 ng/ul

RT: 22.58 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

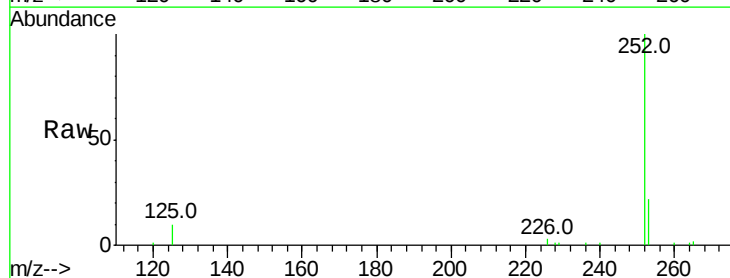
Tgt Ion:252 Resp: 13922

Ion Ratio Lower Upper

252 100

253 22.1 24.5 36.7#

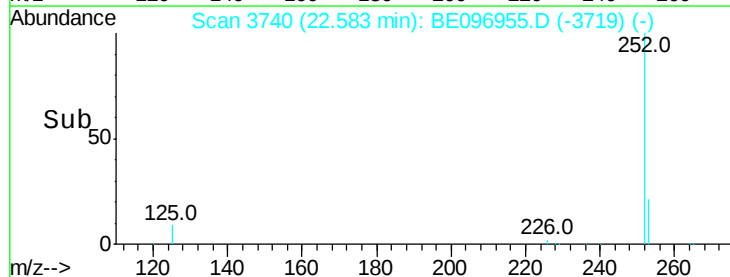
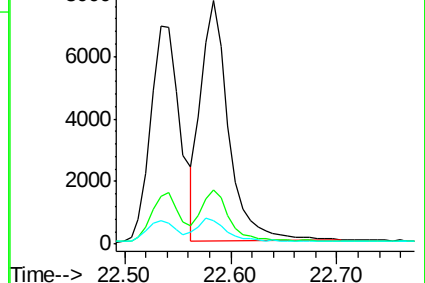
125 9.9 13.7 20.5#

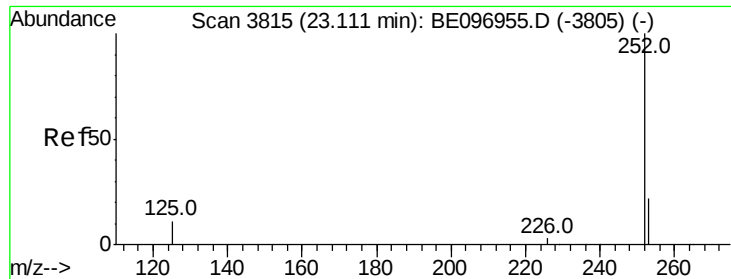


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.416 ng/ul

RT: 23.11 min Scan# 3815

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

Instrument :

BNA_E

ClientSampleId :

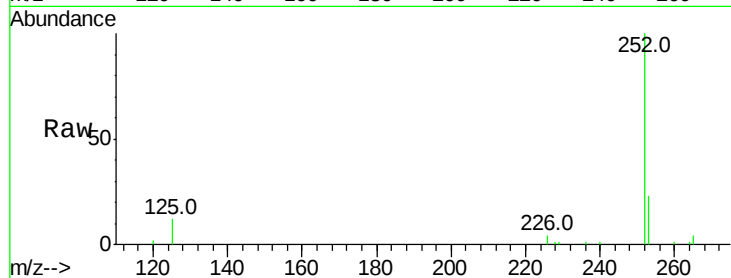
Tot Ion:252 Resp: 11669

Ion Ratio Lower Upper

252 100

253 22.8 28.5 42.7#

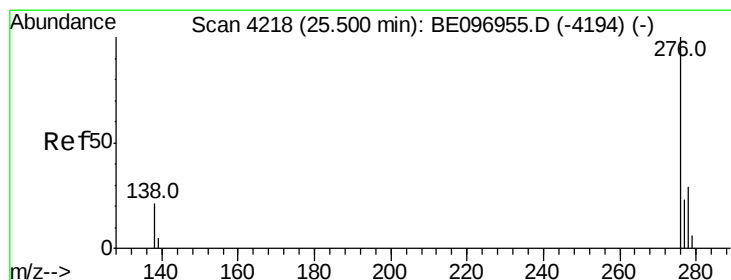
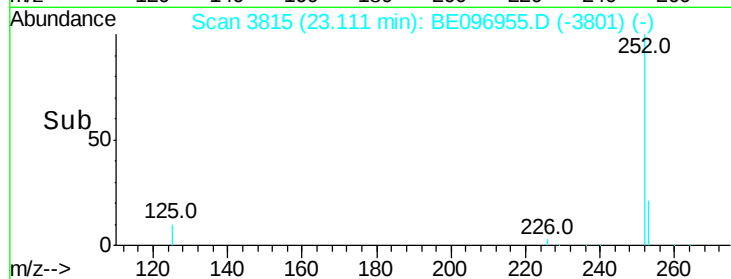
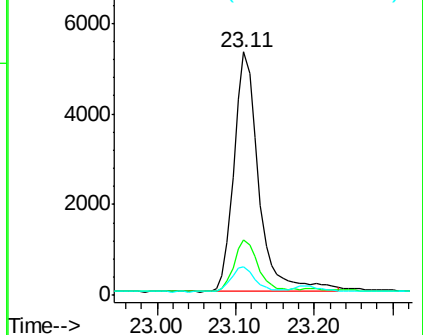
125 11.9 18.1 27.1#



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: 0.457 ng/ul

RT: 25.50 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BE096955.D

Acq: 17 Jul 2018 12:19

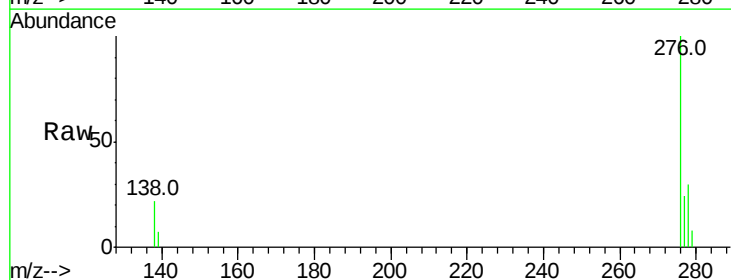
Tgt Ion:276 Resp: 13300

Ion Ratio Lower Upper

276 100

138 24.9 28.0 42.0#

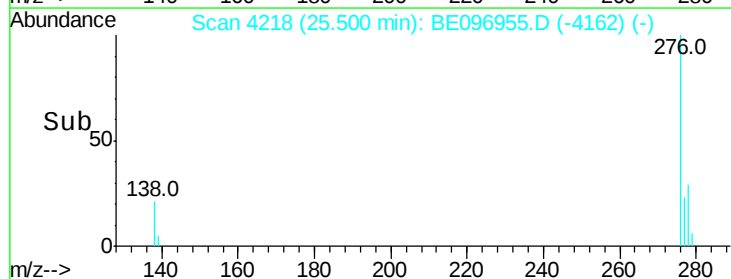
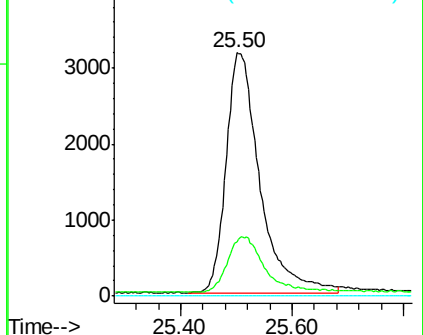
227 0.0 8.0 12.0#

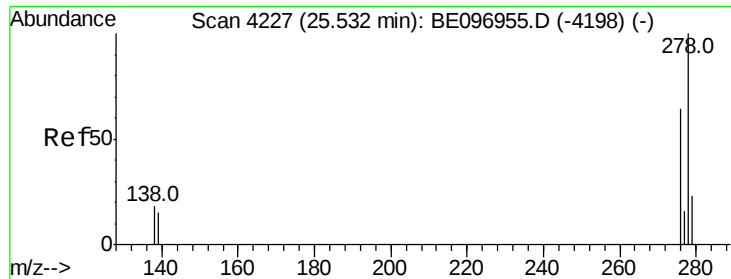


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

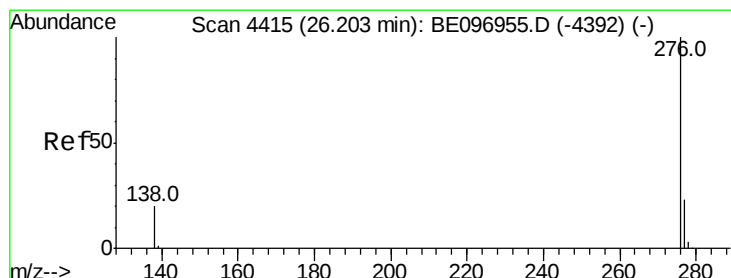
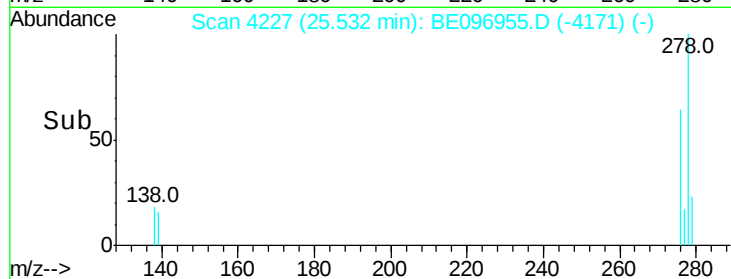
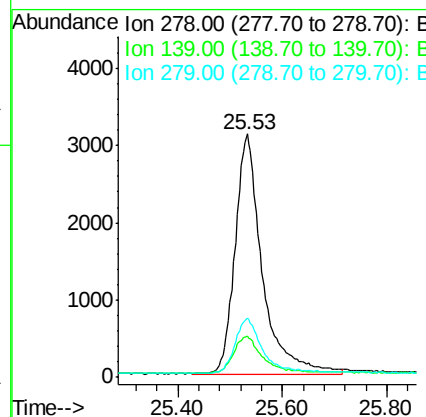
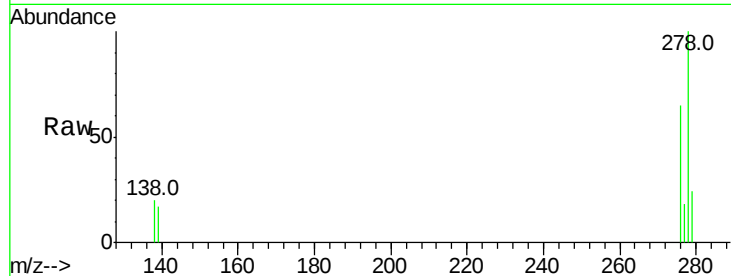




#25
Dibenzo(a,h)anthracene
Concen: 0.483 ng/ul
RT: 25.53 min Scan# 4227
Delta R.T. 0.00 min
Lab File: BE096955.D
Acq: 17 Jul 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11178
Ion Ratio Lower Upper
278 100
139 17.1 17.4 26.0#
279 24.5 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE096955.D
Acq: 17 Jul 2018 12:19

Tgt Ion:276 Resp: 11863
Ion Ratio Lower Upper
276 100
138 21.3 21.8 32.8#
277 24.4 20.5 30.7

