

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096855.D
 Acq On : 6 Jul 2018 16:12
 Operator : SJ/JU
 Sample : SSTD3.249
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 06 16:49:36 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 : Fri Jul 06 14:58:27 2018
 Response via : Initial Calibration

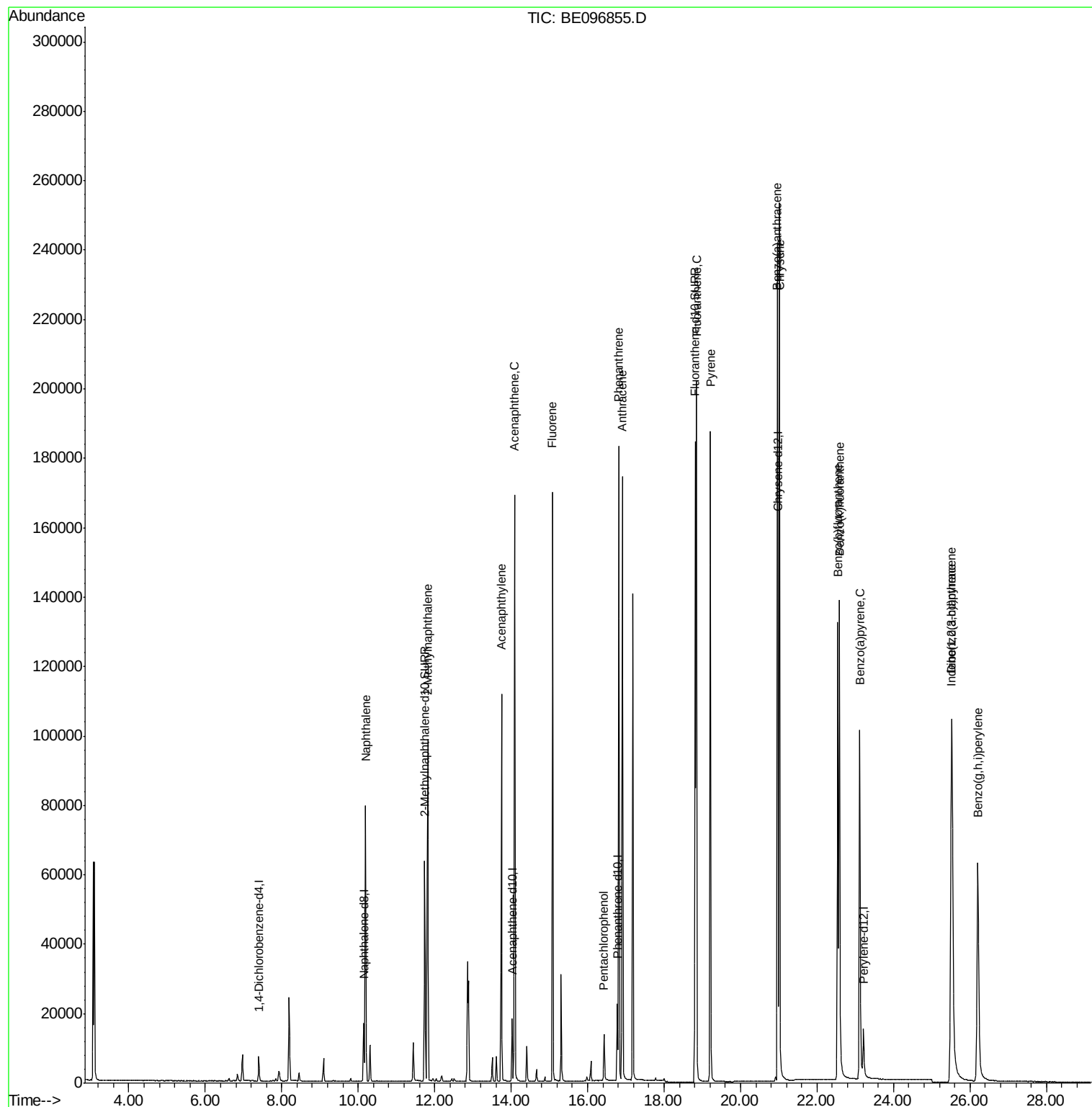
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3211	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	16587	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	9764	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	24595	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	24412	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	18633	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	81378	2.84	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	194679	2.71	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	116393	2.751	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	83568	3.043	ng/ul	97
7) Acenaphthylene	13.74	152	123112	2.903	ng/ul	95
8) Acenaphthene	14.09	153	94437	2.695	ng/ul	95
9) Fluorene	15.08	166	103576	2.762	ng/ul#	90
11) Pentachlorophenol	16.43	266	6617	6.919	ng/ul	96
12) Phenanthrene	16.82	178	181663	2.633	ng/ul#	88
13) Anthracene	16.91	178	175193	3.055	ng/ul#	91
15) Fluoranthene	18.85	202	216159	2.830	ng/ul	84
17) Pyrene	19.21	202	204710	2.397	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	185648	3.171	ng/ul#	84
19) Chrysene	21.02	228	198849	2.430	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	167633	3.046	ng/ul	81
22) Benzo(k)fluoranthene	22.58	252	186675	3.261	ng/ul#	83
23) Benzo(a)pyrene	23.12	252	153843	3.116	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.51	276	165970	3.345	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.53	278	138214	3.604	ng/ul#	86
26) Benzo(g,h,i)perylene	26.21	276	147004	2.988	ng/ul#	92

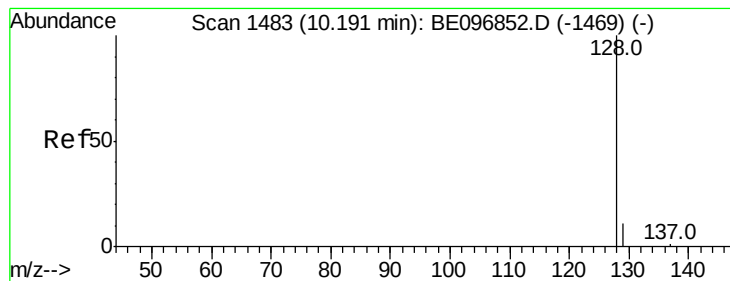
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.751 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096855.D

Acq: 6 Jul 2018 16:12

Instrument :

BNA_E

ClientSampleId :

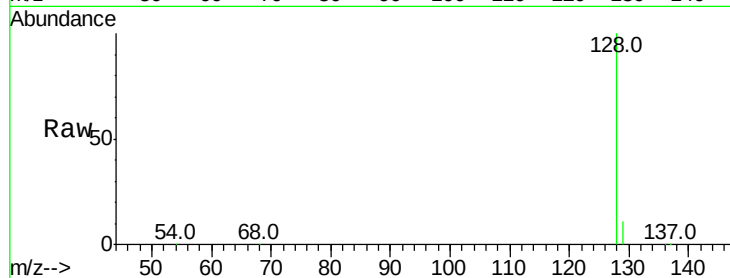
Tot Ion:128 Resp: 116393

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

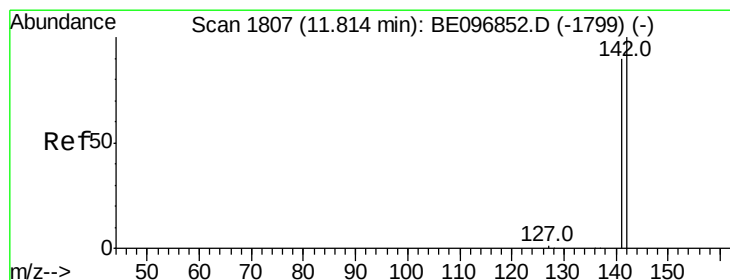
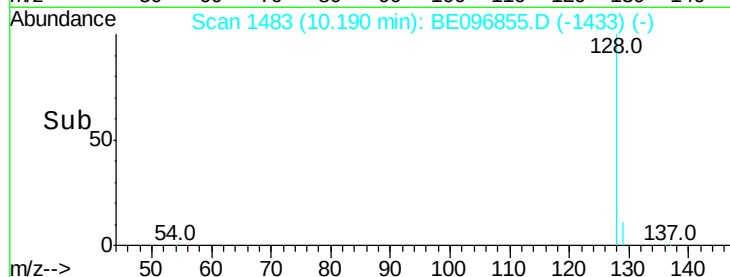
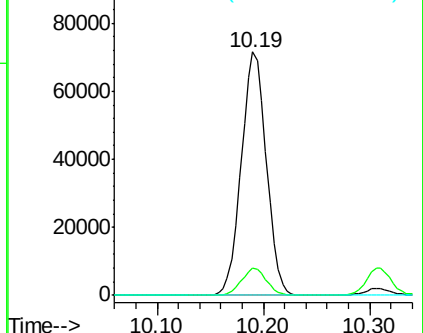
127 0.0 4.0 6.0#



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: 3.043 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096855.D

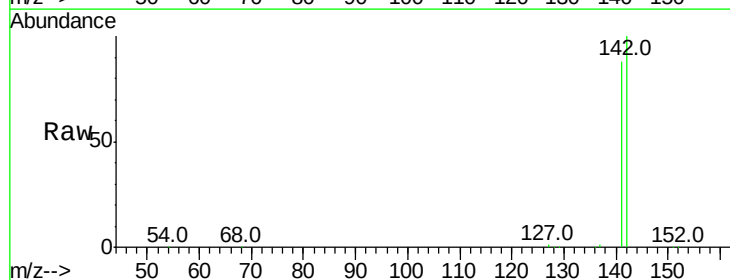
Acq: 6 Jul 2018 16:12

Tgt Ion:142 Resp: 83568

Ion Ratio Lower Upper

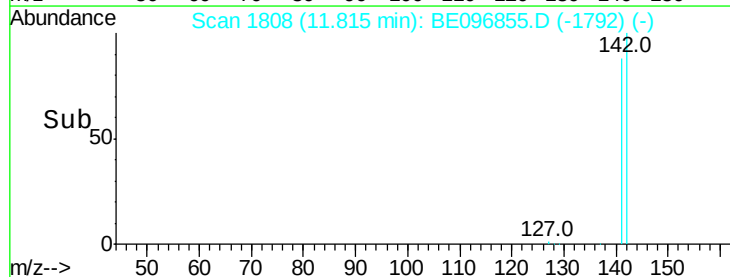
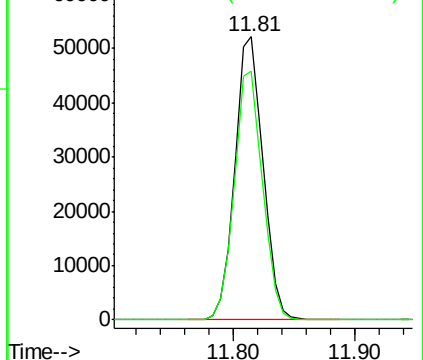
142 100

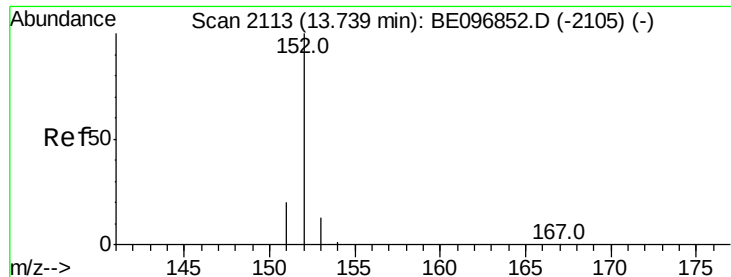
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.903 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096855.D

Acq: 6 Jul 2018 16:12

Instrument :

BNA_E

ClientSampled :

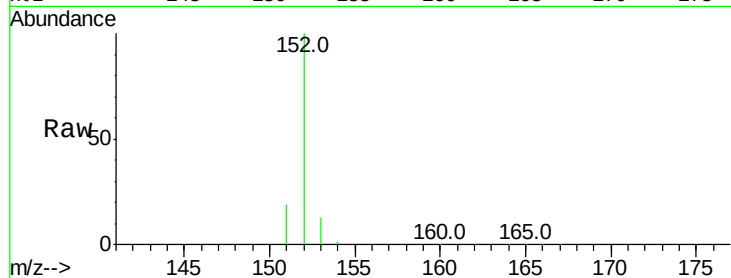
Tot Ion:152 Resp: 123112

Ion Ratio Lower Upper

152 100

151 19.4 17.1 25.7

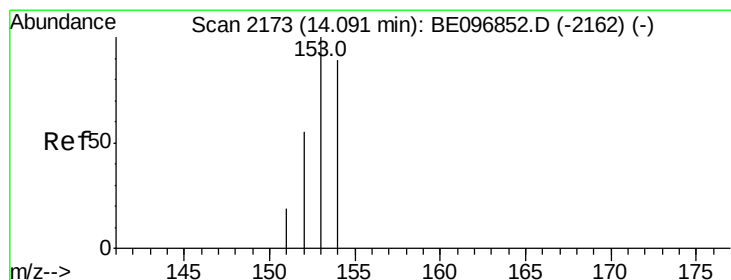
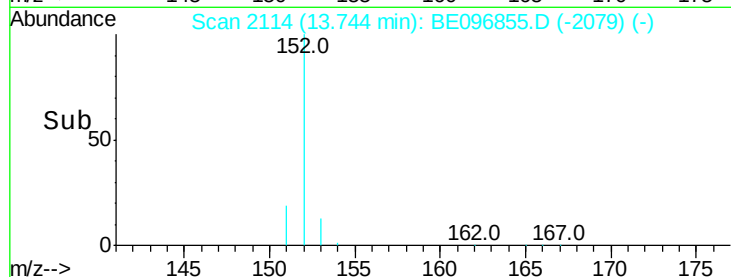
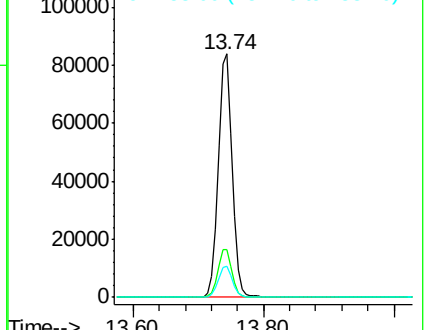
153 13.0 12.8 19.2



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



#8

Acenaphthene

Concen: 2.695 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096855.D

Acq: 6 Jul 2018 16:12

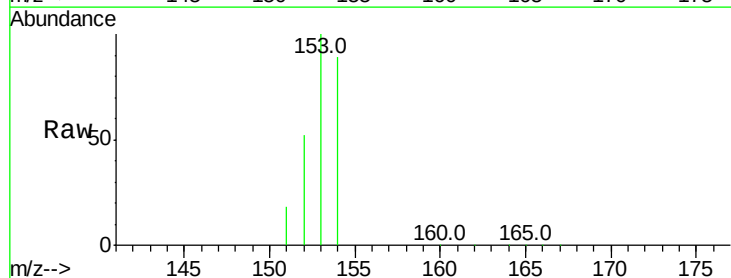
Tgt Ion:153 Resp: 94437

Ion Ratio Lower Upper

153 100

152 52.2 36.0 54.0

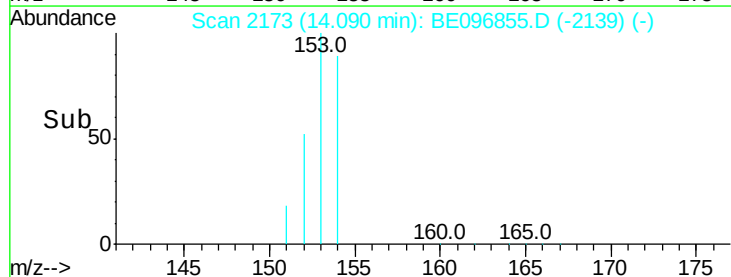
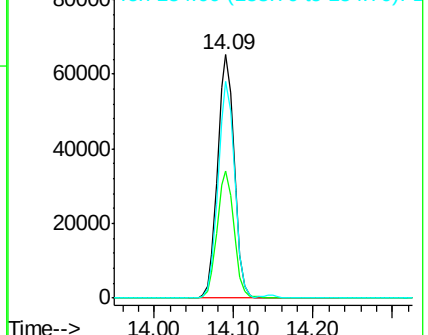
154 88.8 72.0 108.0

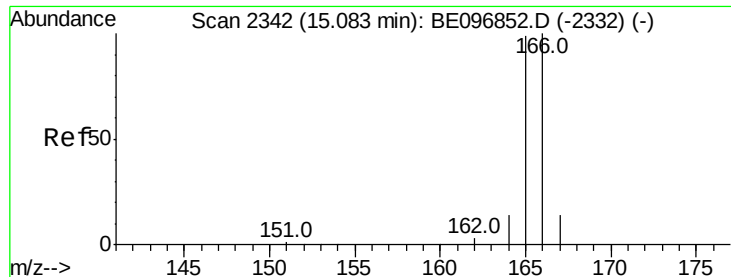


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

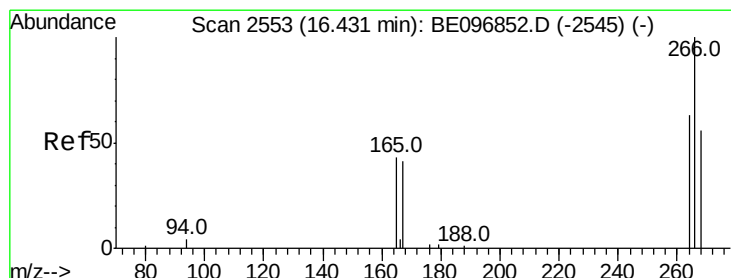
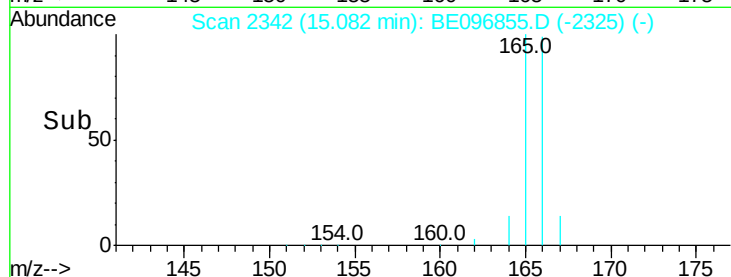
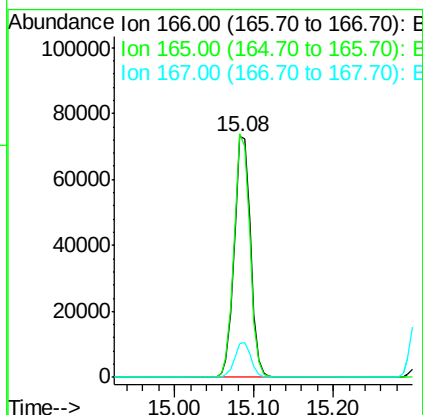
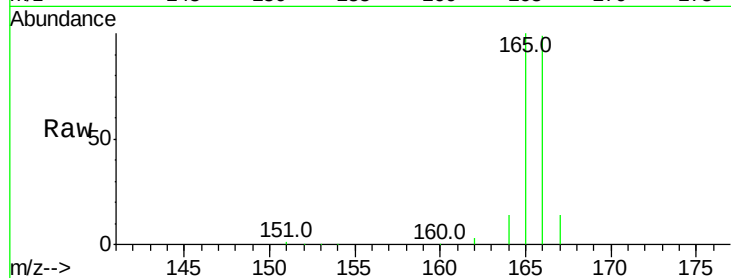




#9
Fluorene
 Concen: 2.762 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE096855.D
 Acq: 6 Jul 2018 16:12

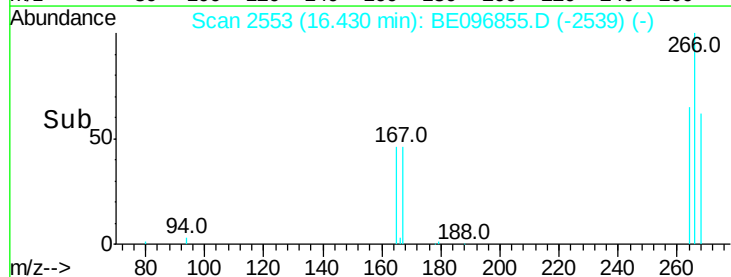
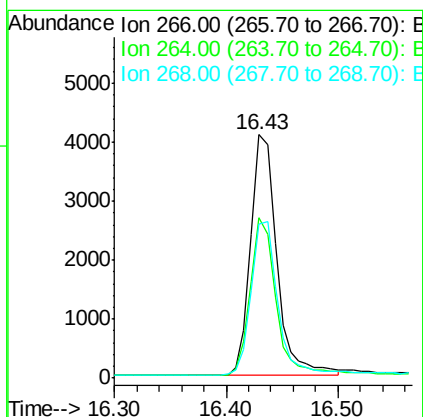
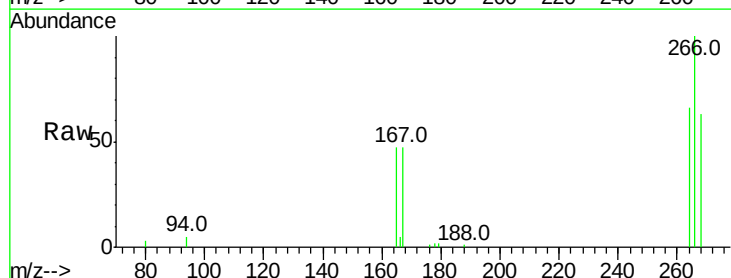
Instrument :
 BNA_E
 ClientSampleId :

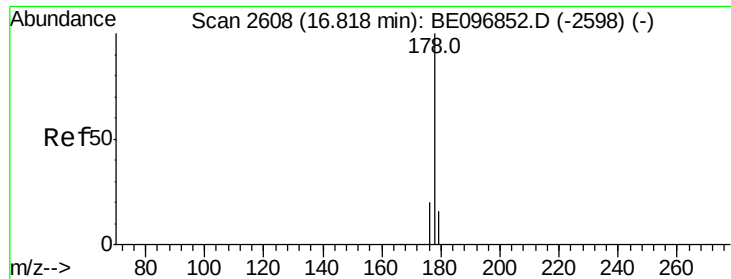
Tot Ion:166 Resp: 103576
 Ion Ratio Lower Upper
 166 100
 165 101.1 73.4 110.2
 167 14.0 14.6 22.0#



#11
Pentachlorophenol
 Concen: 6.919 ng/ul
 RT: 16.43 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BE096855.D
 Acq: 6 Jul 2018 16:12

Tgt Ion:266 Resp: 6617
 Ion Ratio Lower Upper
 266 100
 264 63.4 47.9 71.9
 268 64.6 49.8 74.8

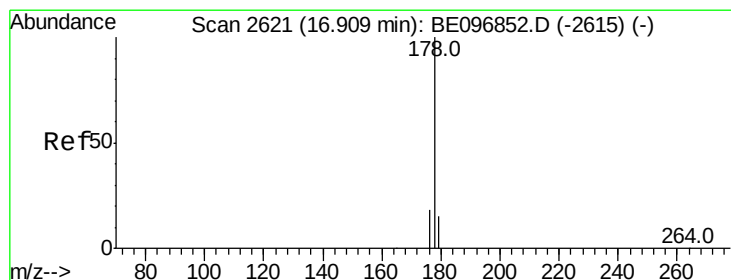
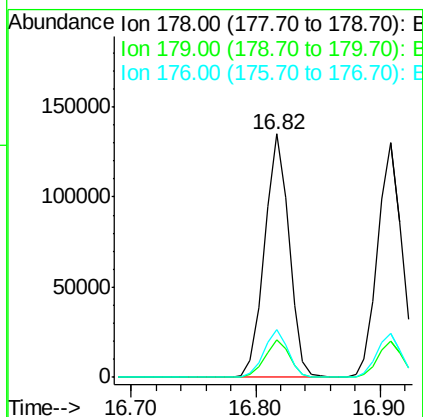
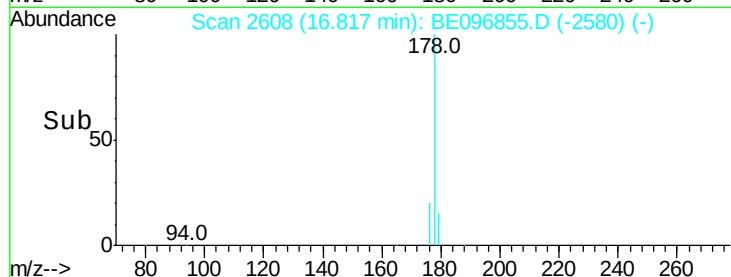
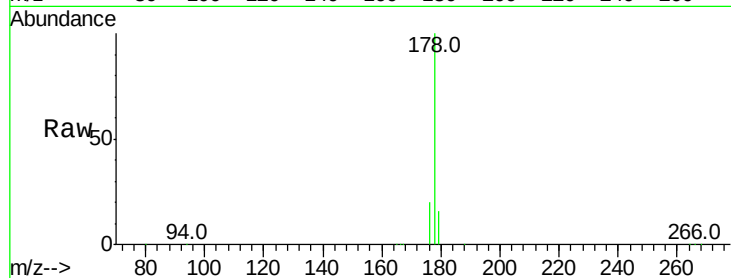




#12
Phenanthrene
Concen: 2.633 ng/ul
RT: 16.82 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE096855.D
Acq: 6 Jul 2018 16:12

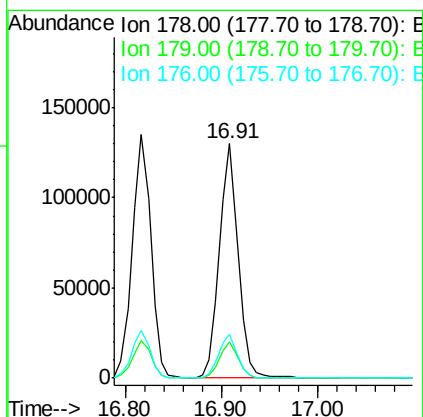
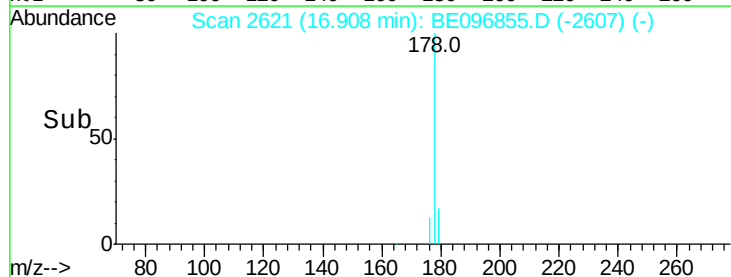
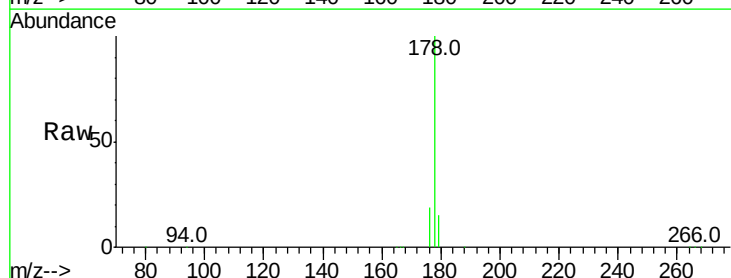
Instrument :
BNA_E
ClientSampleId :

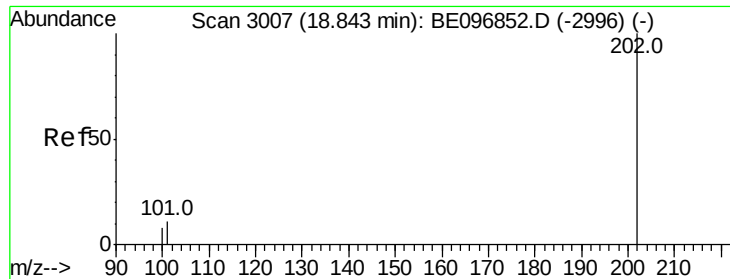
Tot Ion:178 Resp: 181663
Ion Ratio Lower Upper
178 100
179 15.5 18.4 27.6#
176 19.8 13.6 20.4



#13
Anthracene
Concen: 3.055 ng/ul
RT: 16.91 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE096855.D
Acq: 6 Jul 2018 16:12

Tgt Ion:178 Resp: 175193
Ion Ratio Lower Upper
178 100
179 15.3 18.1 27.1#
176 18.7 14.7 22.1

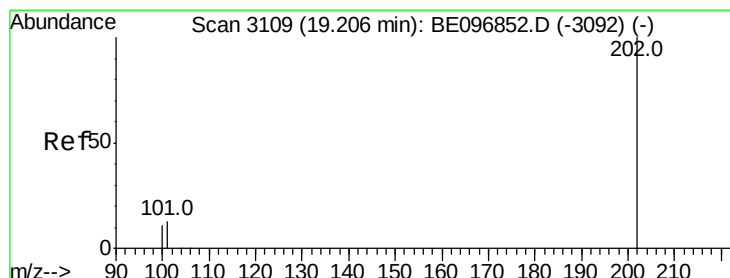
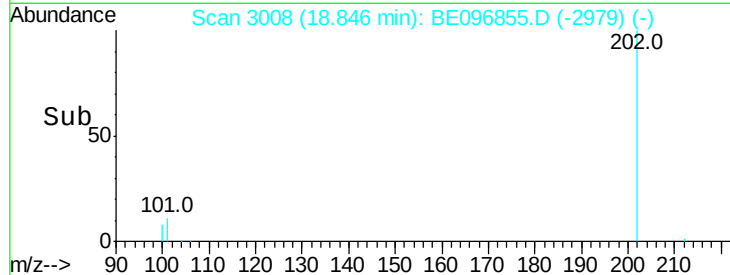
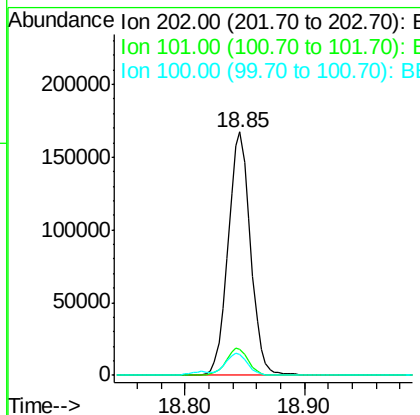
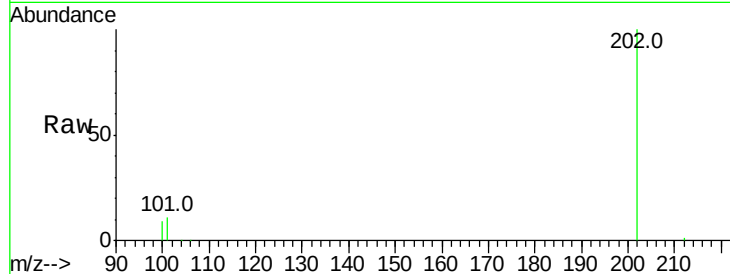




#15
Fluoranthene
Concen: 2.830 ng/ul
RT: 18.85 min Scan# 3008
Delta R.T. 0.00 min
Lab File: BE096855.D
Acq: 6 Jul 2018 16:12

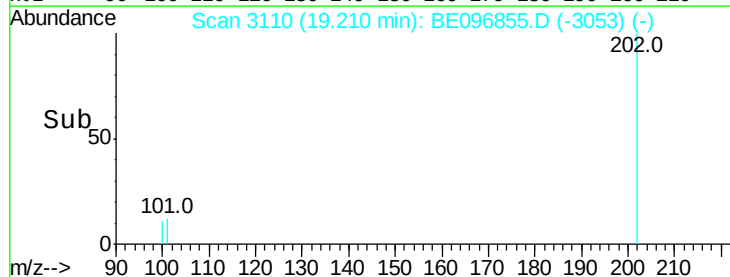
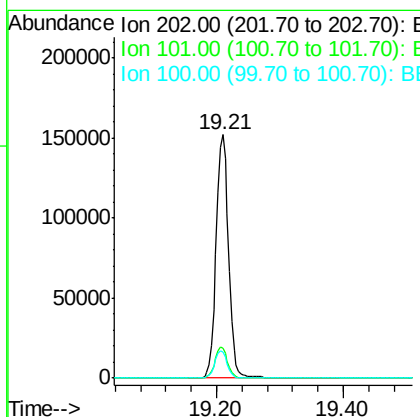
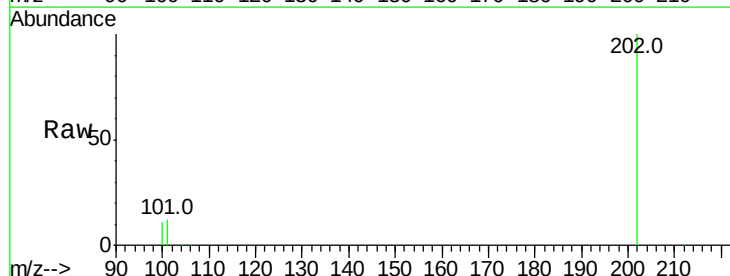
Instrument :
BNA_E
ClientSampleId :

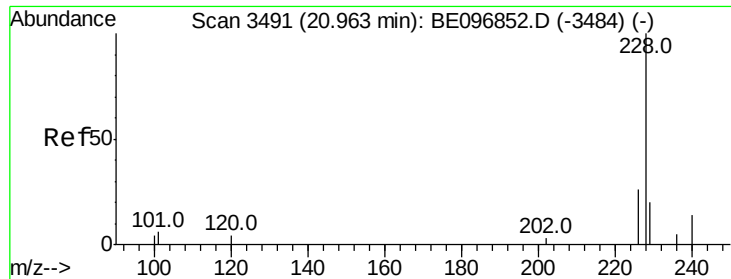
Tot Ion:202 Resp: 216159
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.3
100 8.5 0.0 39.5



#17
Pyrene
Concen: 2.397 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096855.D
Acq: 6 Jul 2018 16:12

Tgt Ion:202 Resp: 204710
Ion Ratio Lower Upper
202 100
101 12.4 18.2 27.4#
100 10.8 15.6 23.4#

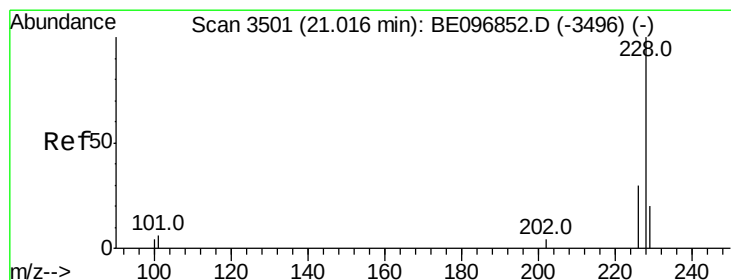
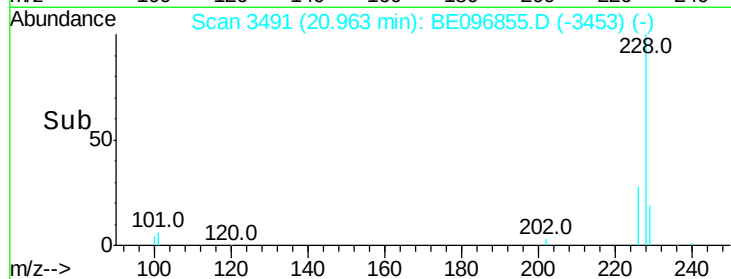
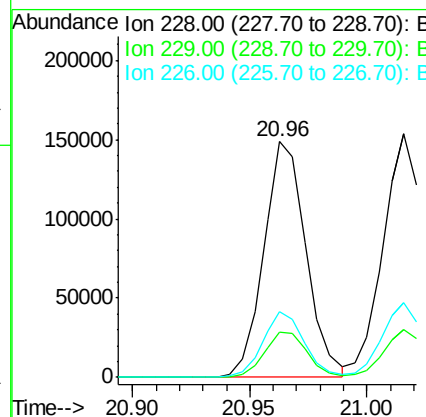
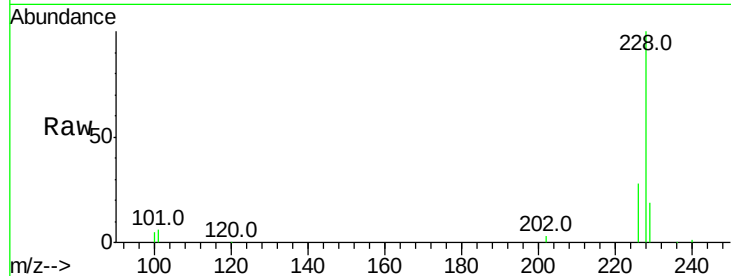




#18
Benzo(a)anthracene
Concen: 3.171 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE096855.D
Acq: 6 Jul 2018 16:12

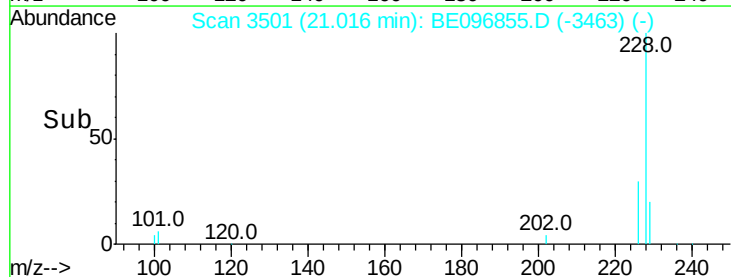
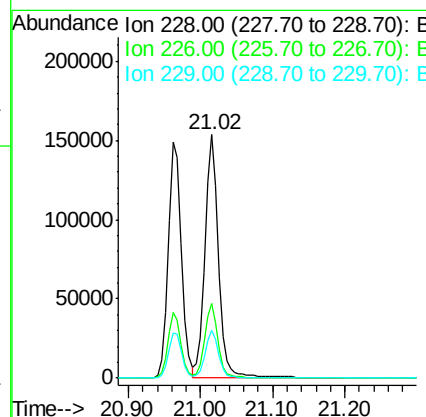
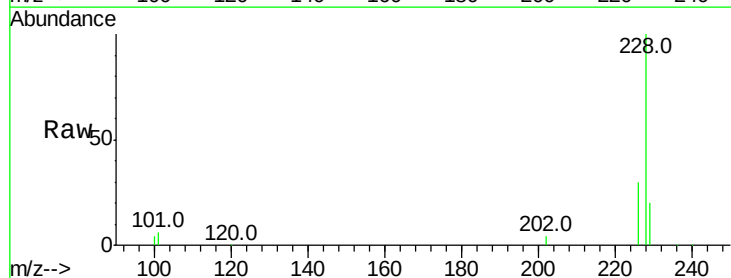
Instrument :
BNA_E
ClientSampled :

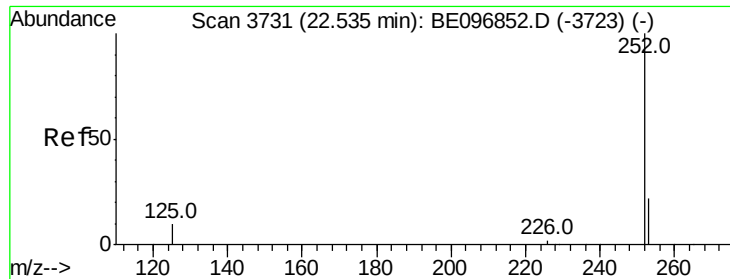
Tot Ion:228 Resp: 185648
Ion Ratio Lower Upper
228 100
229 19.4 22.8 34.2#
226 27.8 17.0 25.6#



#19
Chrysene
Concen: 2.430 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096855.D
Acq: 6 Jul 2018 16:12

Tgt Ion:228 Resp: 198849
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.0
229 19.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 3.046 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE096855.D

Acq: 6 Jul 2018 16:12

Instrument :

BNA_E

ClientSampleId :

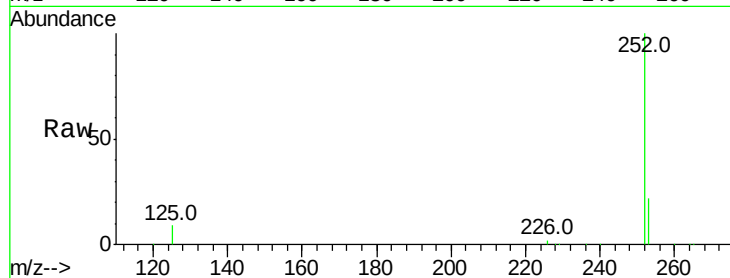
Tot Ion:252 Resp: 167633

Ion Ratio Lower Upper

252 100

253 22.0 0.0 64.2

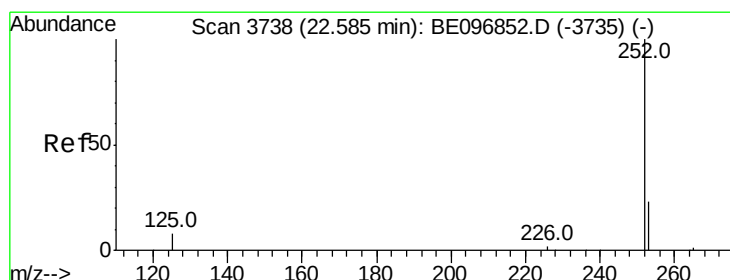
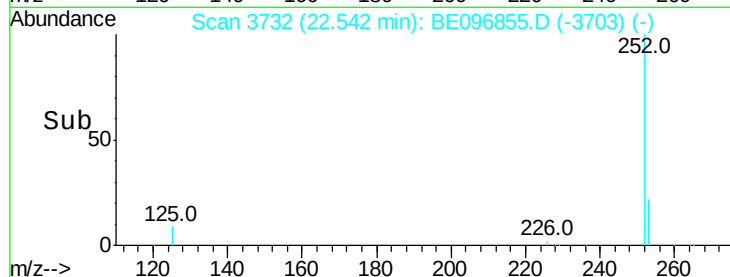
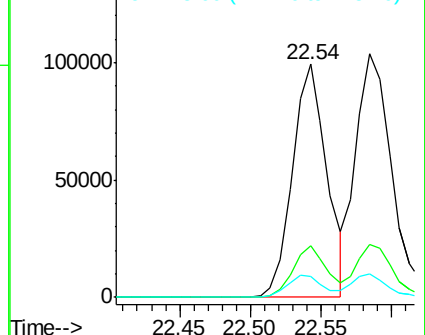
125 8.7 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 3.261 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE096855.D

Acq: 6 Jul 2018 16:12

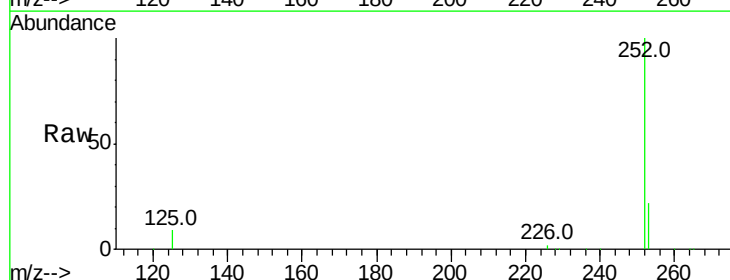
Tgt Ion:252 Resp: 186675

Ion Ratio Lower Upper

252 100

253 21.7 24.5 36.7#

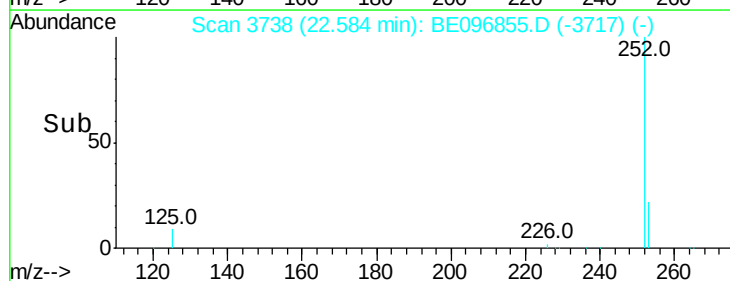
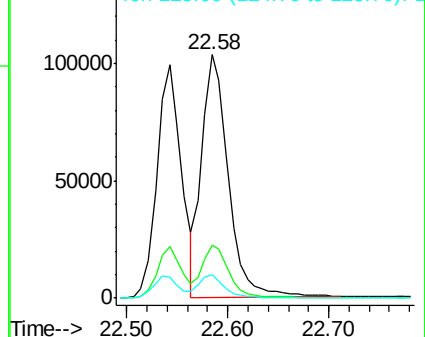
125 9.4 13.7 20.5#

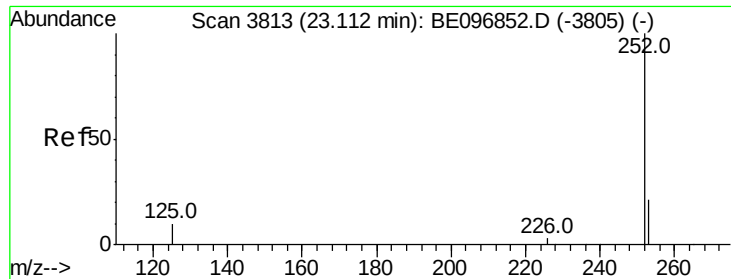


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.116 ng/ul

RT: 23.12 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE096855.D

Acq: 6 Jul 2018 16:12

Instrument :

BNA_E

ClientSampleId :

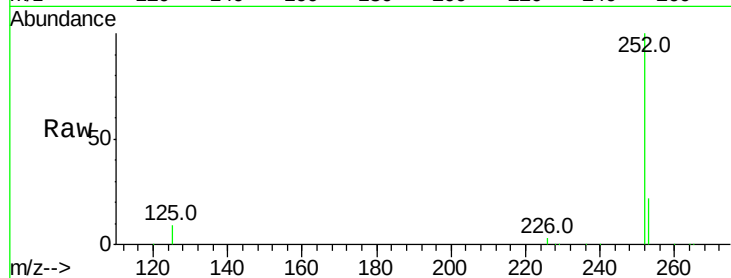
Tot Ion:252 Resp: 153843

Ion Ratio Lower Upper

252 100

253 22.1 28.5 42.7#

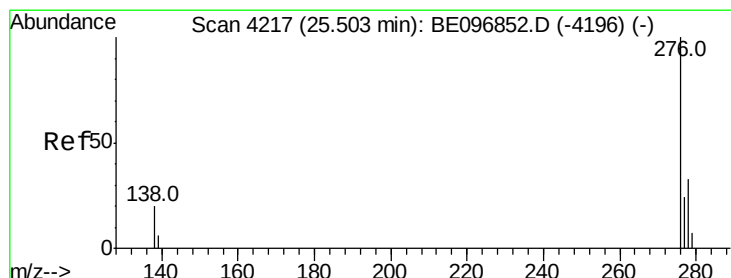
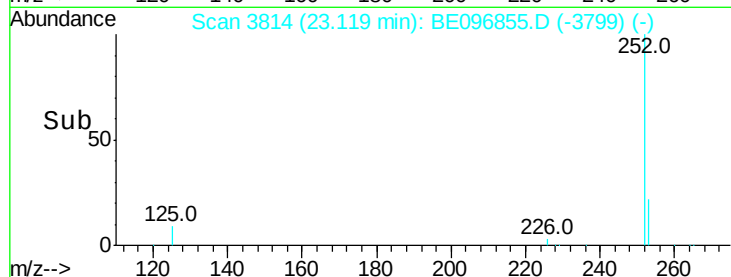
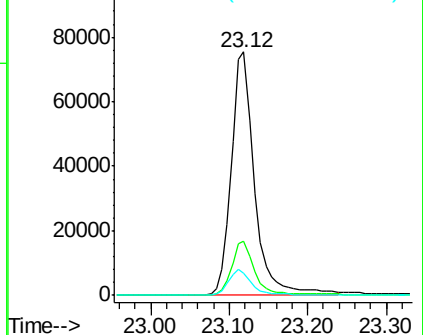
125 9.1 18.1 27.1#



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: 3.345 ng/ul

RT: 25.51 min Scan# 4219

Delta R.T. 0.01 min

Lab File: BE096855.D

Acq: 6 Jul 2018 16:12

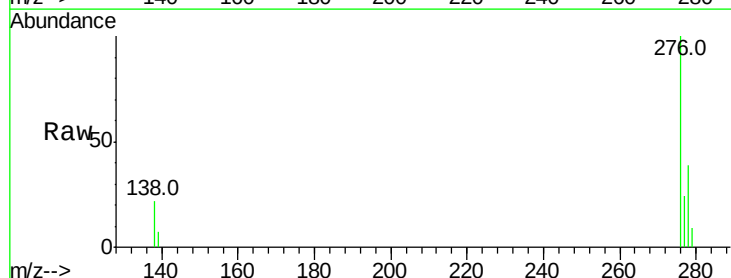
Tgt Ion:276 Resp: 165970

Ion Ratio Lower Upper

276 100

138 24.2 28.0 42.0#

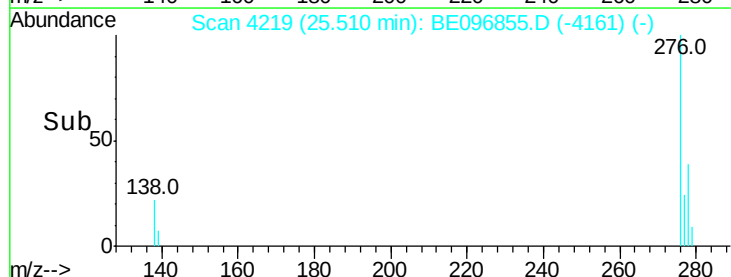
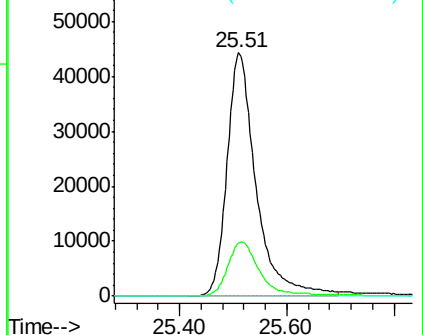
227 0.0 8.0 12.0#

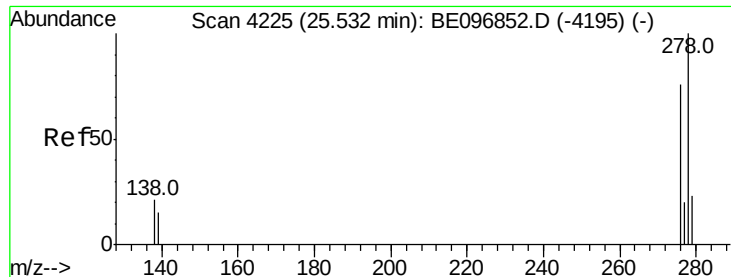


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



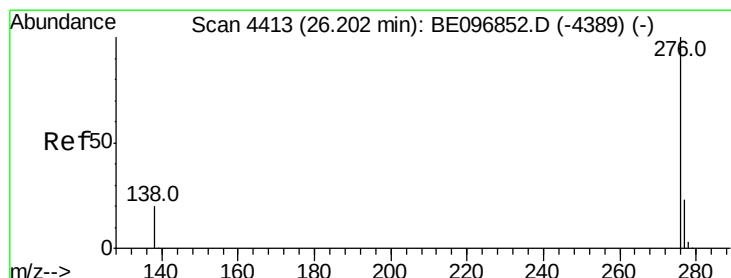
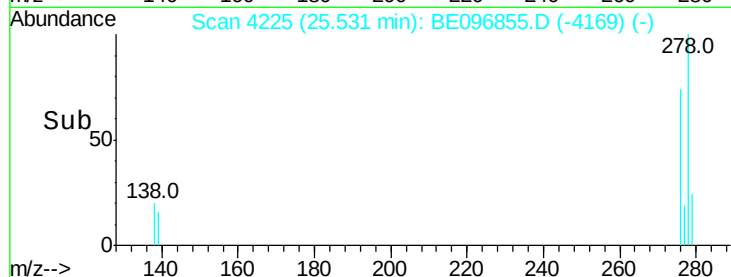
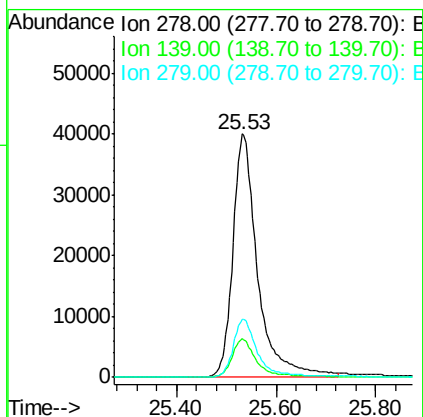
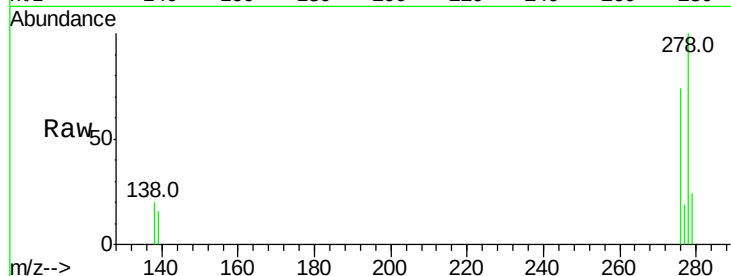


#25
Dibenzo(a,h)anthracene
Concen: 3.604 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BE096855.D
Acq: 6 Jul 2018 16:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 138214

Ion	Ratio	Lower	Upper
278	100		
139	16.0	17.4	26.0#
279	23.9	25.9	38.9#



#26
Benzo(g,h,i)perylene
Concen: 2.988 ng/ul
RT: 26.21 min Scan# 4414
Delta R.T. 0.00 min
Lab File: BE096855.D
Acq: 6 Jul 2018 16:12

Tgt Ion:276 Resp: 147004

Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.8	32.8#
277	23.8	20.5	30.7

