

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096863.D
 Acq On : 6 Jul 2018 21:13
 Operator : SJ/JU
 Sample : J3721-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:25:48 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 16:55:25 2018
 Response via : Initial Calibration

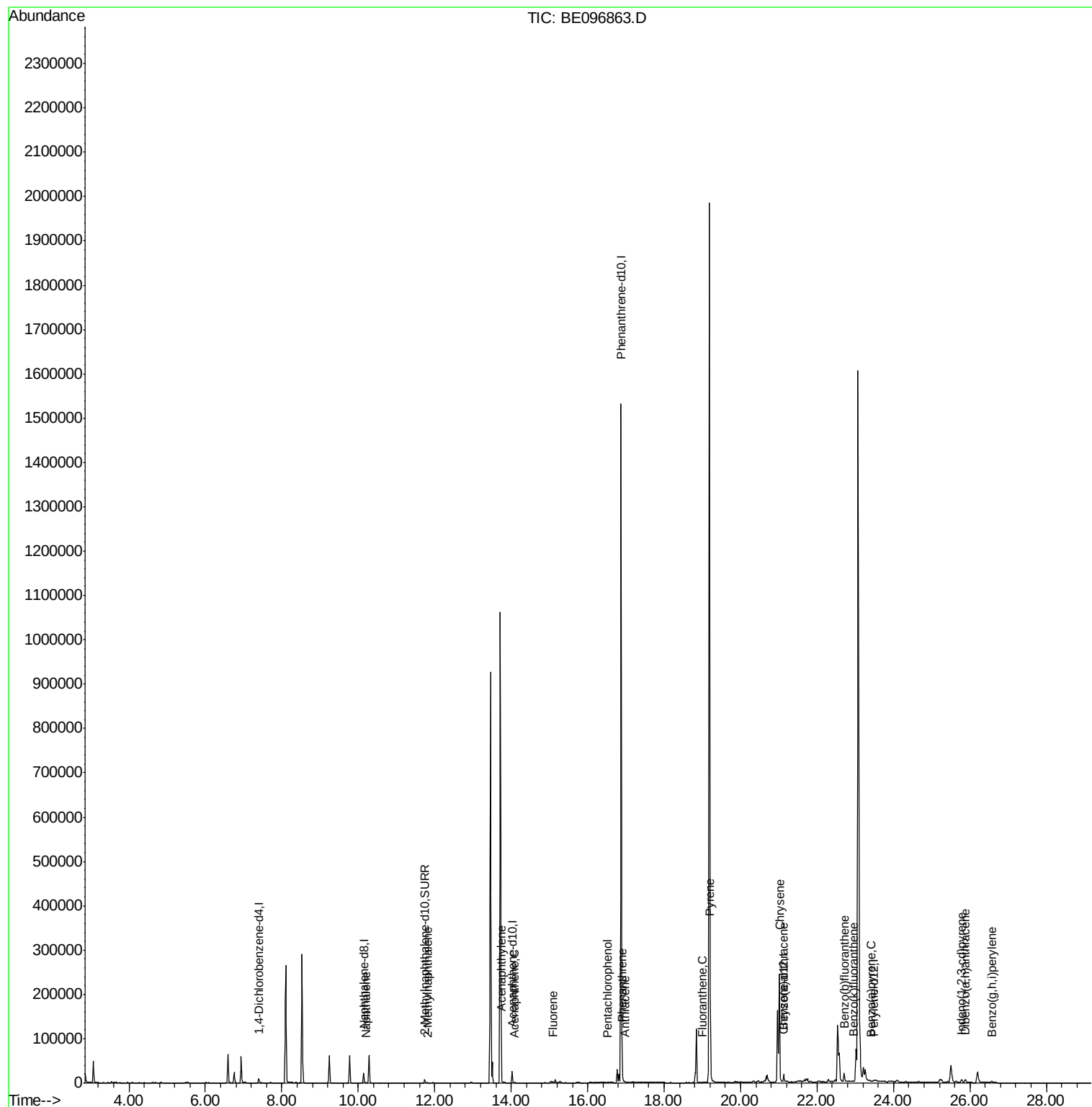
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4013	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	21555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13692	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1713707	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	65	0.40	ng/ul	0.13
20) Perylene-d12	23.48	264	466	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9333	0.26	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	1320	0.025	ng/ul#	89
5) 2-Methylnaphthalene	11.81	142	403	0.011	ng/ul	97
7) Acenaphthylene	13.74	152	8076	0.144	ng/ul	97
8) Acenaphthene	14.09	153	745	0.016	ng/ul#	88
9) Fluorene	15.08	166	1582	0.033	ng/ul	89
11) Pentachlorophenol	16.52	266	9	0.000	ng/ul#	42
12) Phenanthrene	16.91	178	13887	0.003	ng/ul#	91
13) Anthracene	16.97	178	410	0.000	ng/ul#	1
15) Fluoranthene	19.00	202	2287	0.000	ng/ul	82
17) Pyrene	19.21	202	182962	857.515	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	15151	98.823	ng/ul#	51
19) Chrysene	21.02	228	222406	1119.724	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	27621	21.717	ng/ul	90
22) Benzo(k)fluoranthene	22.95	252	1597	1.150	ng/ul#	1
23) Benzo(a)pyrene	23.43	252	576	0.535	ng/ul#	36
24) Indeno(1,2,3-cd)pyrene	25.79	276	2403	2.152	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.87	278	11323	12.764	ng/ul	94
26) Benzo(g,h,i)perylene	26.57	276	6674	6.157	ng/ul	96

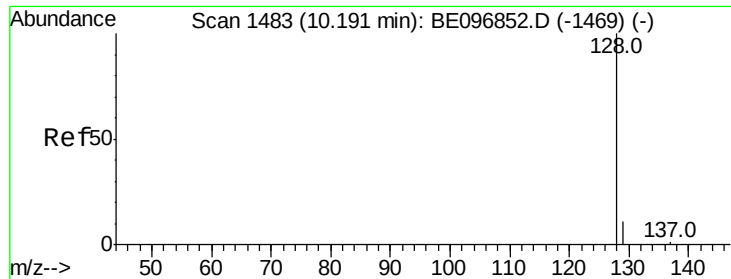
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

Instrument :

BNA_E

ClientSampleId :

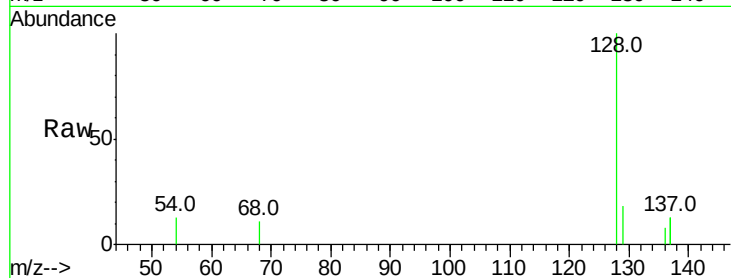
Tot Ion:128 Resp: 1320

Ion Ratio Lower Upper

128 100

129 18.0 11.3 16.9#

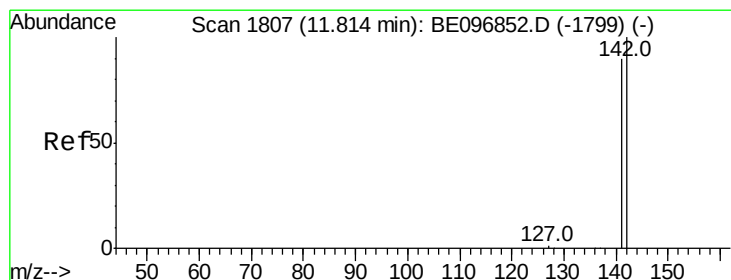
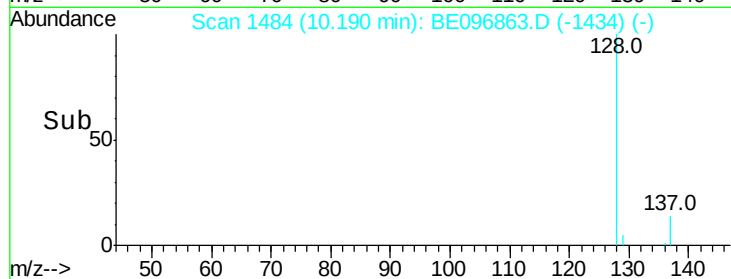
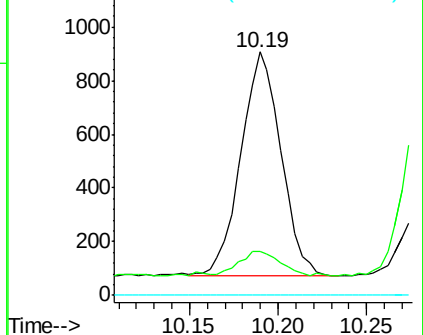
127 0.0 4.0 6.0#



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: 0.011 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BE096863.D

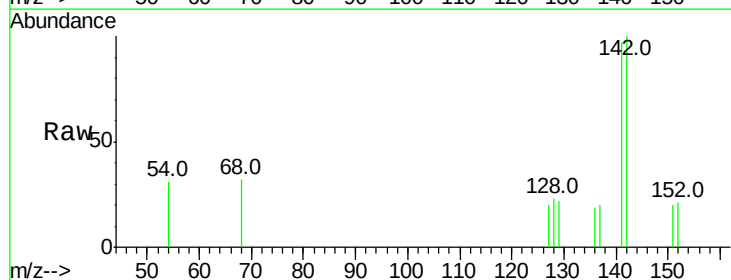
Acq: 6 Jul 2018 21:13

Tgt Ion:142 Resp: 403

Ion Ratio Lower Upper

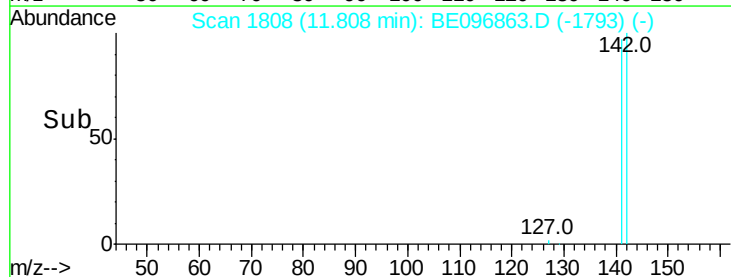
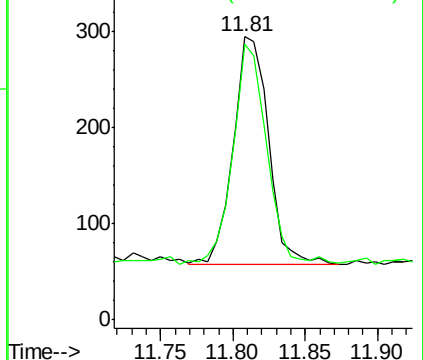
142 100

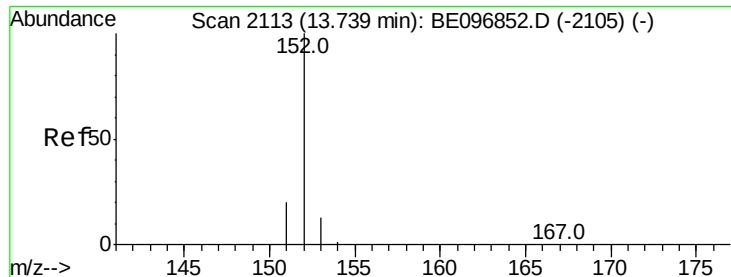
141 93.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.144 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

Instrument :

BNA_E

ClientSampleId :

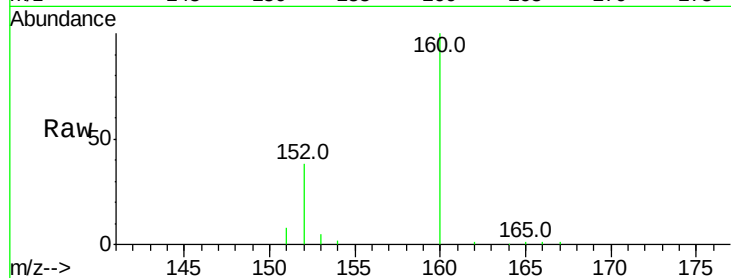
Tot Ion:152 Resp: 8076

Ion Ratio Lower Upper

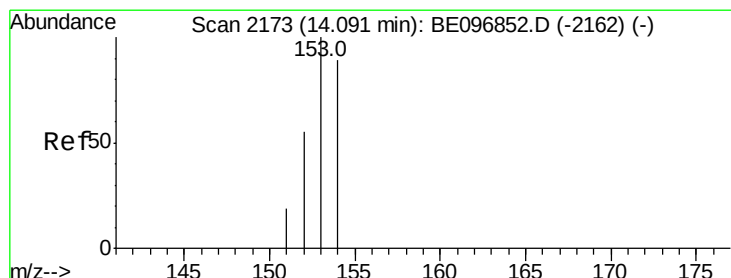
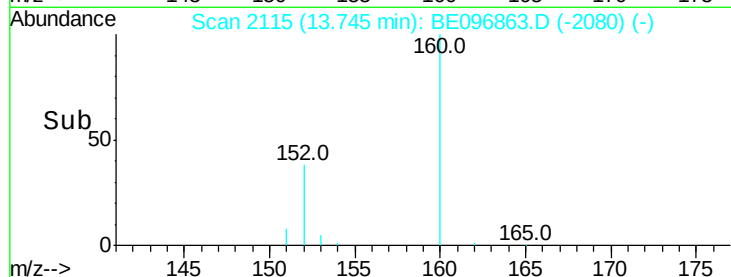
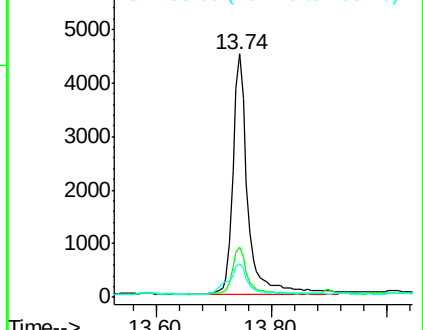
152 100

151 20.7 17.1 25.7

153 14.1 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: 0.016 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

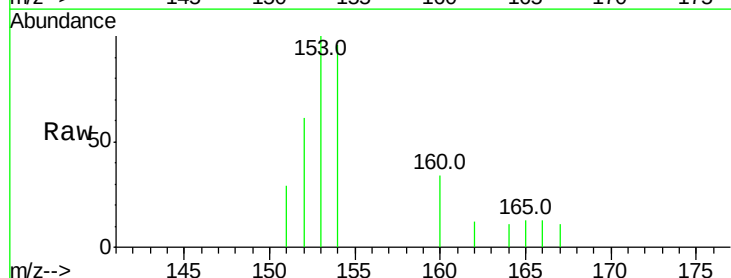
Tgt Ion:153 Resp: 745

Ion Ratio Lower Upper

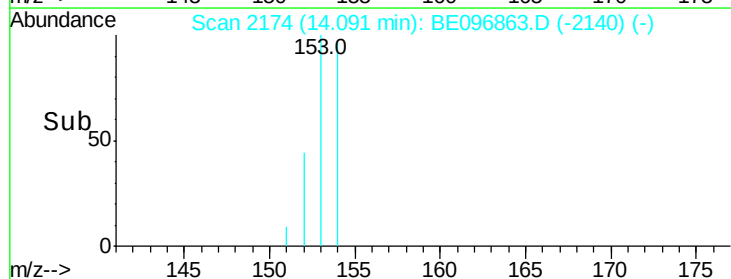
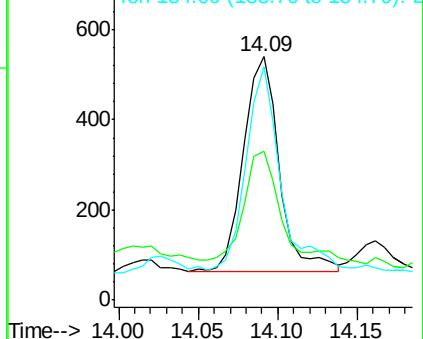
153 100

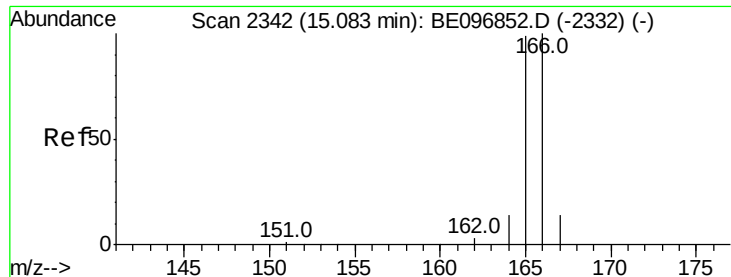
152 60.9 36.0 54.0#

154 95.7 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

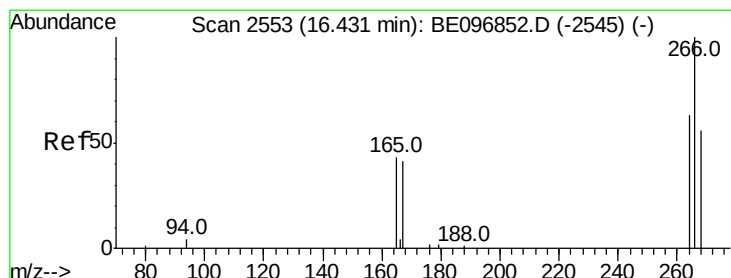
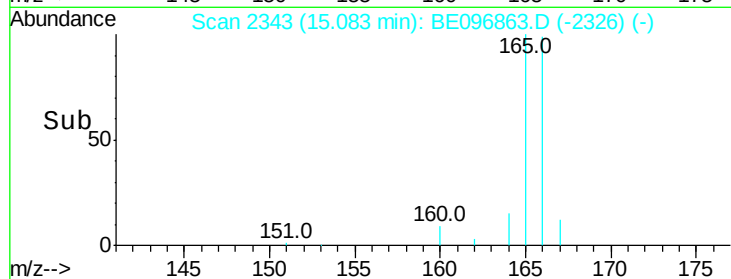
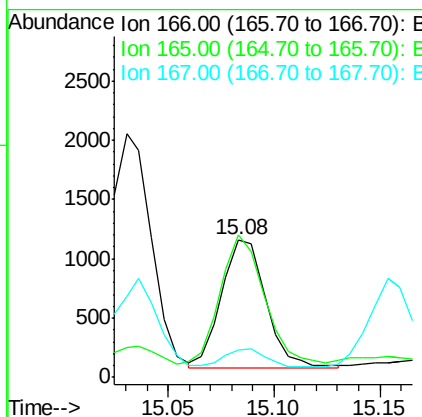
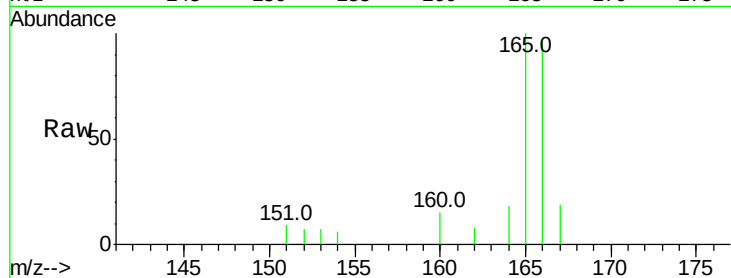




#9
Fluorene
 Concen: 0.033 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BE096863.D
 Acq: 6 Jul 2018 21:13

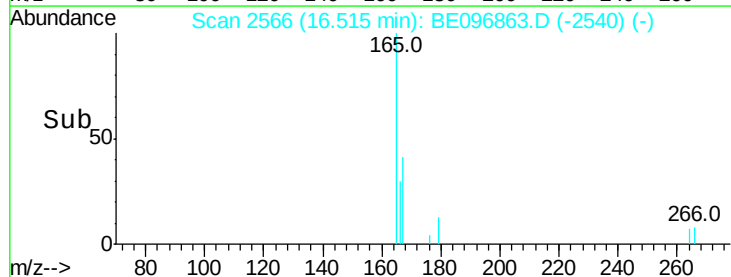
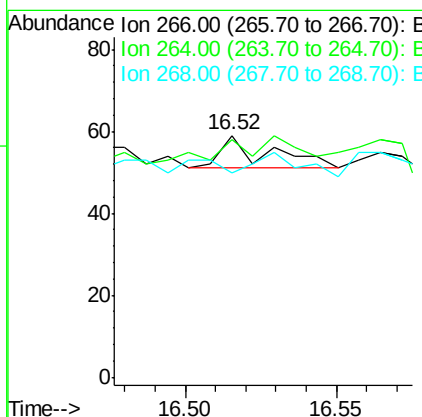
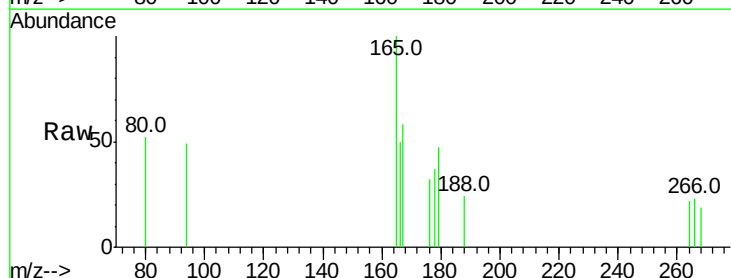
Instrument :
 BNA_E
 ClientSampleId :

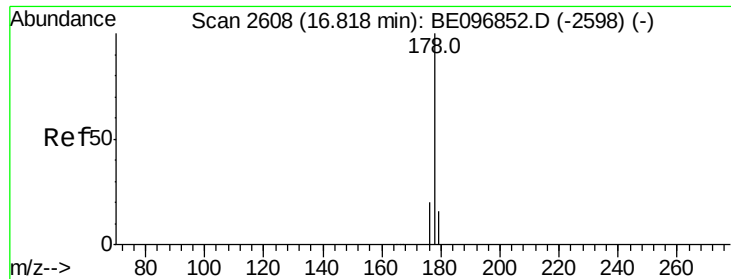
Tot Ion:166 Resp: 1582
 Ion Ratio Lower Upper
 166 100
 165 103.7 73.4 110.2
 167 20.0 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.000 ng/ul
 RT: 16.52 min Scan# 2566
 Delta R.T. 0.08 min
 Lab File: BE096863.D
 Acq: 6 Jul 2018 21:13

Tgt Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 144.4 47.9 71.9#
 268 66.7 49.8 74.8





#12

Phenanthrene

Concen: 0.003 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.09 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

Instrument :

BNA_E

ClientSampleId :

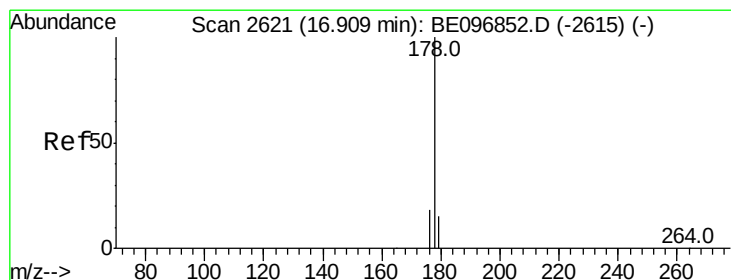
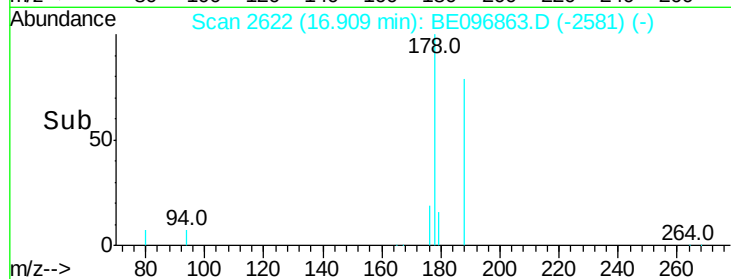
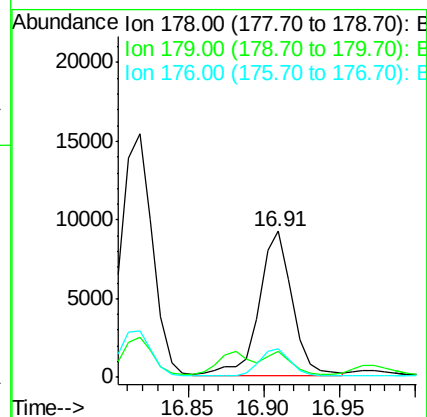
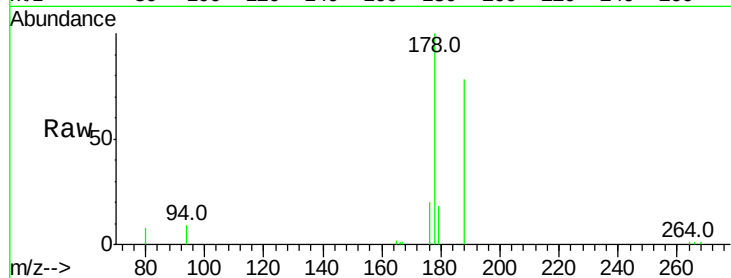
Tot Ion:178 Resp: 13887

Ion Ratio Lower Upper

178 100

179 17.5 18.4 27.6#

176 19.6 13.6 20.4



#13

Anthracene

Concen: 0.000 ng/ul

RT: 16.97 min Scan# 2630

Delta R.T. 0.06 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

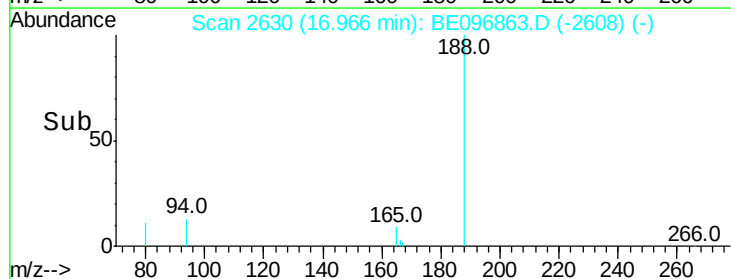
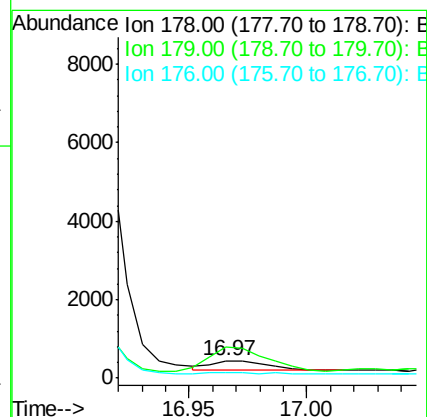
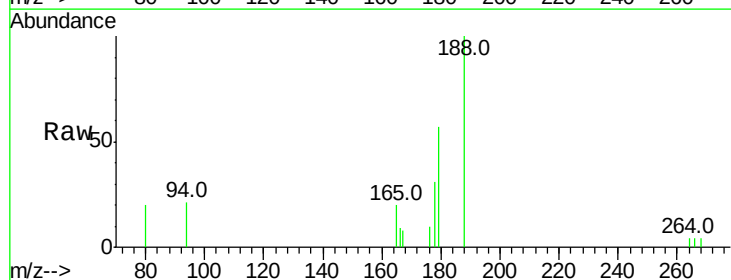
Tgt Ion:178 Resp: 410

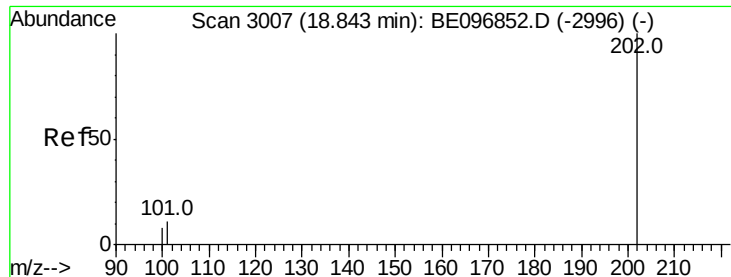
Ion Ratio Lower Upper

178 100

179 181.0 18.1 27.1#

176 31.2 14.7 22.1#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.00 min Scan# 3052

Delta R.T. 0.16 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

Instrument :

BNA_E

ClientSampleId :

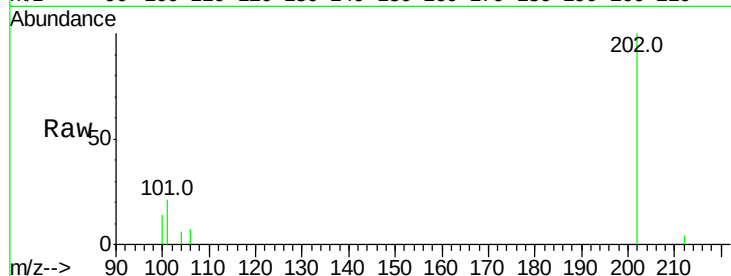
Tot Ion:202 Resp: 2287

Ion Ratio Lower Upper

202 100

101 20.9 0.0 30.3

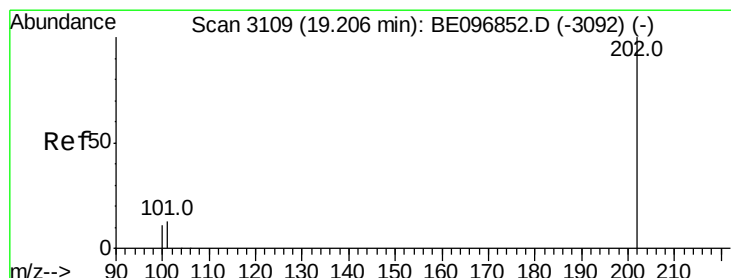
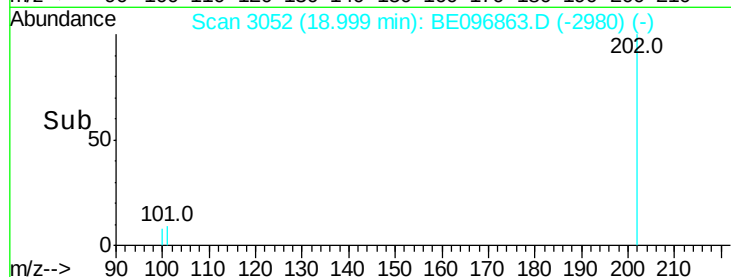
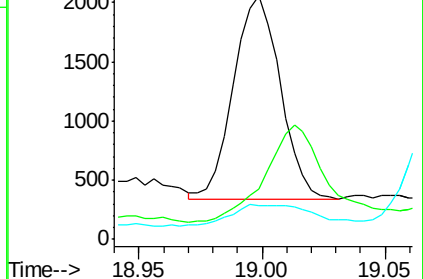
100 13.7 0.0 39.5



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: 857.515 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

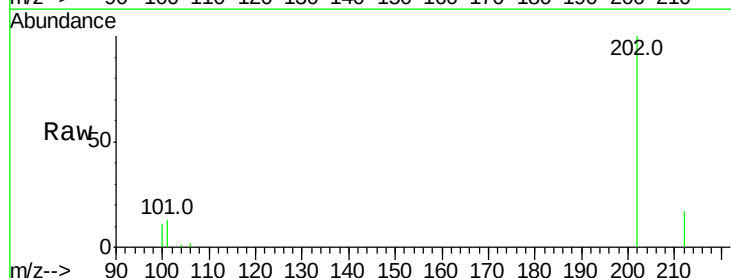
Tgt Ion:202 Resp: 182962

Ion Ratio Lower Upper

202 100

101 12.8 18.2 27.4#

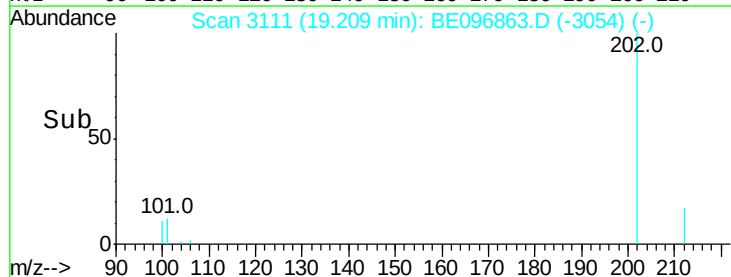
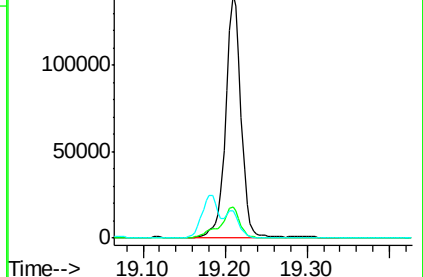
100 11.2 15.6 23.4#

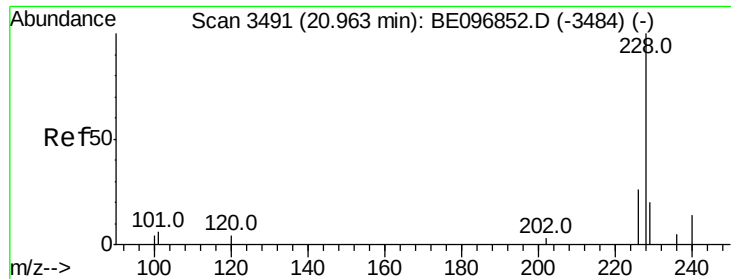


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

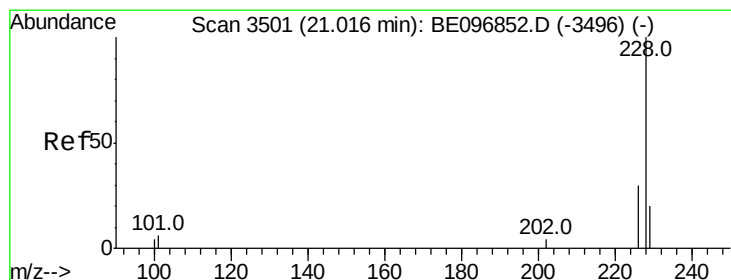
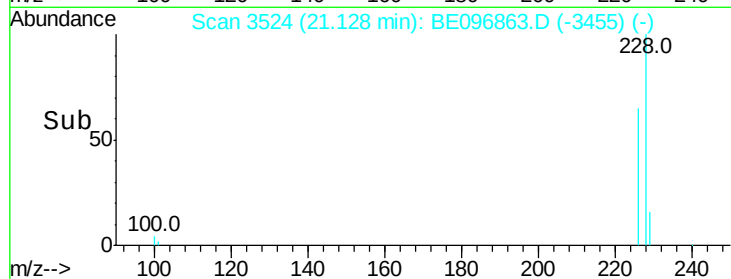
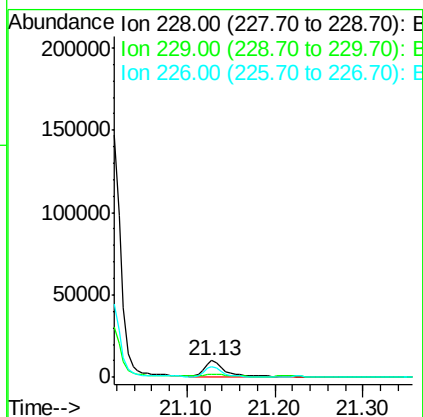
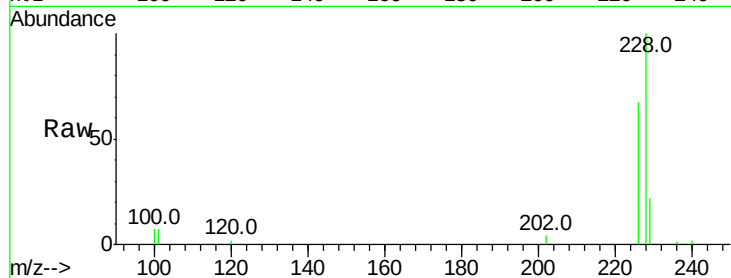




#18
Benzo(a)anthracene
Concen: 98.823 ng/ul
RT: 21.13 min Scan# 3524
Delta R.T. 0.17 min
Lab File: BE096863.D
Acq: 6 Jul 2018 21:13

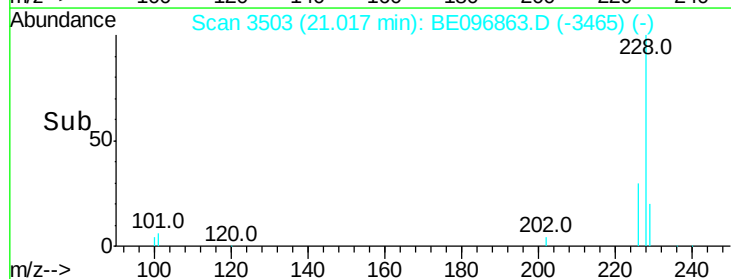
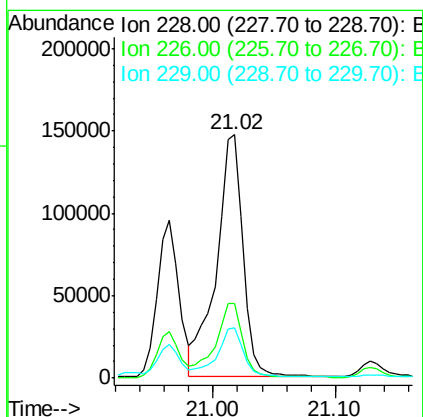
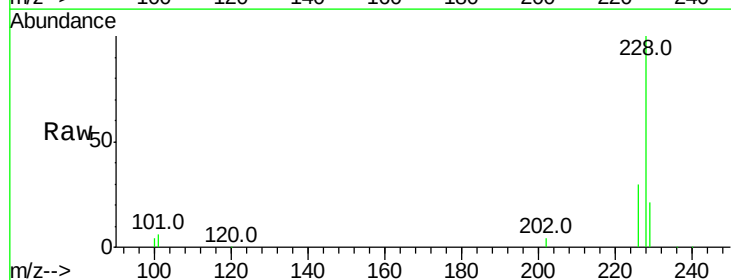
Instrument :
BNA_E
ClientSampleId :

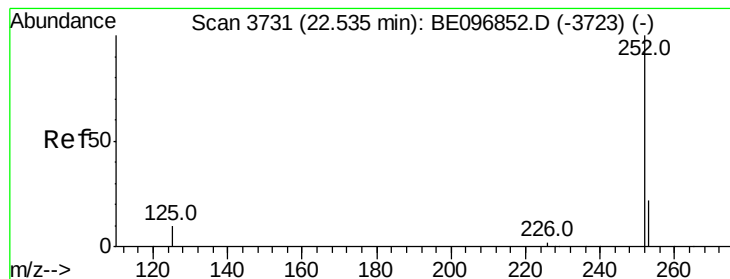
Tot Ion:228 Resp: 15151
Ion Ratio Lower Upper
228 100
229 21.8 22.8 34.2#
226 67.0 17.0 25.6#



#19
Chrysene
Concen: 1119.724 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096863.D
Acq: 6 Jul 2018 21:13

Tgt Ion:228 Resp: 222406
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.0
229 20.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 21.717 ng/ul

RT: 22.71 min Scan# 3758

Delta R.T. 0.17 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

Instrument :

BNA_E

ClientSampleId :

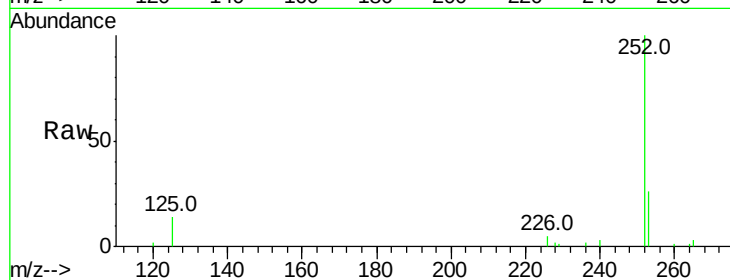
Tot Ion:252 Resp: 27621

Ion Ratio Lower Upper

252 100

253 25.5 0.0 64.2

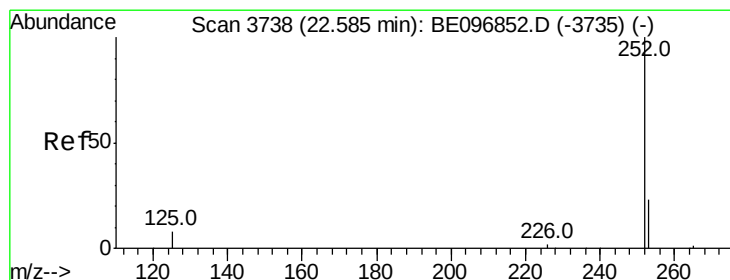
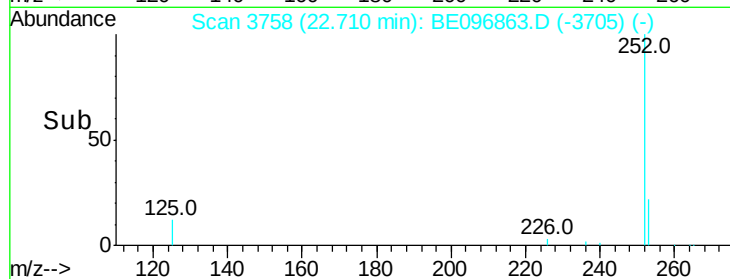
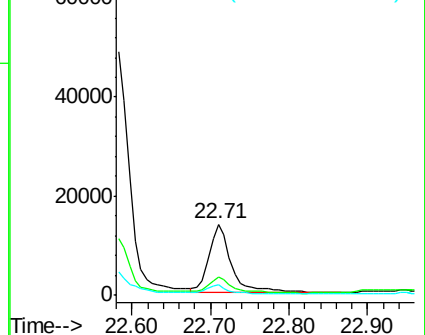
125 14.2 0.0 35.0



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: 1.150 ng/ul

RT: 22.95 min Scan# 3792

Delta R.T. 0.36 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

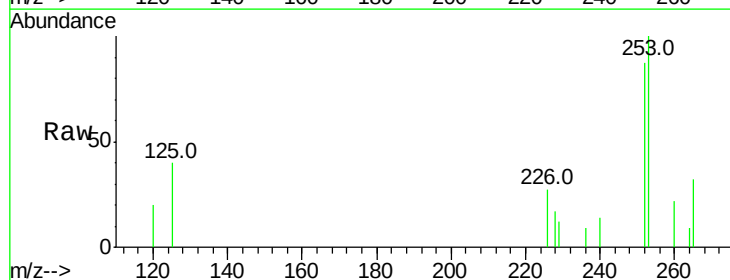
Tgt Ion:252 Resp: 1597

Ion Ratio Lower Upper

252 100

253 114.9 24.5 36.7#

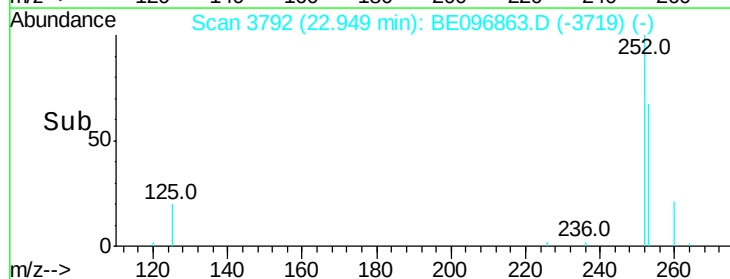
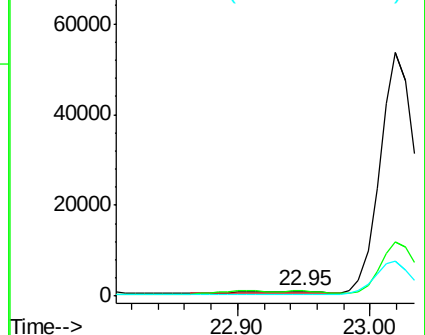
125 45.5 13.7 20.5#

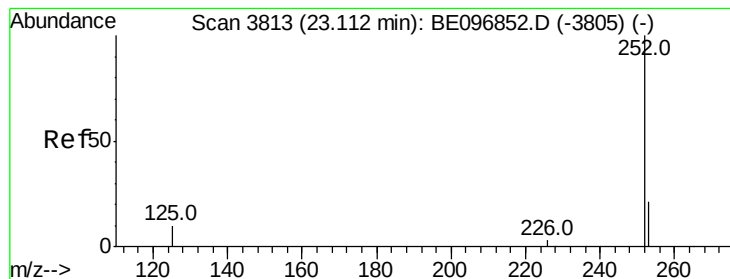


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.535 ng/ul

RT: 23.43 min Scan# 3860

Delta R.T. 0.32 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

Instrument :

BNA_E

ClientSampleId :

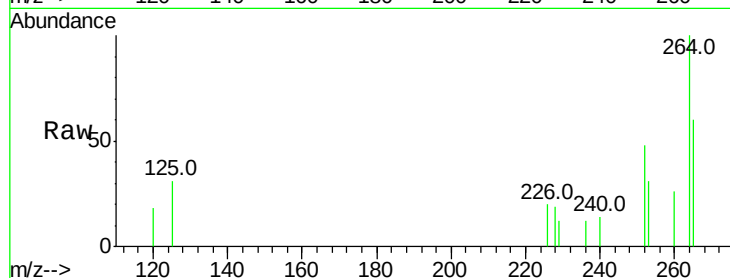
Tot Ion:252 Resp: 576

Ion Ratio Lower Upper

252 100

253 64.6 28.5 42.7#

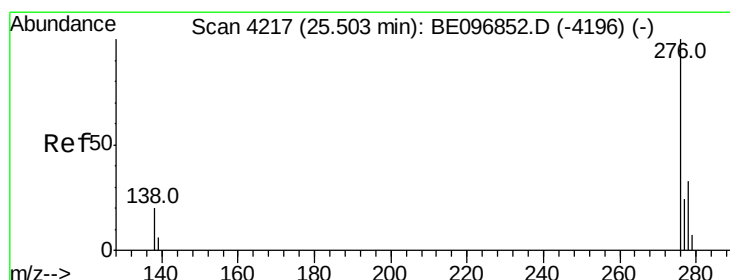
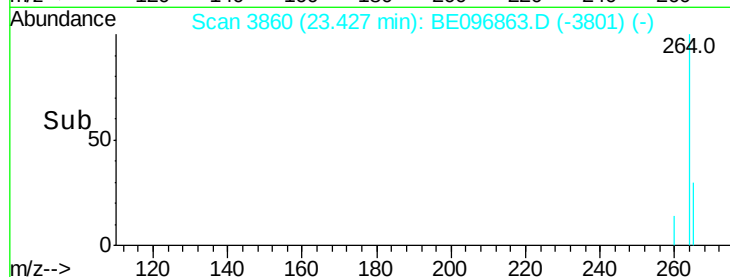
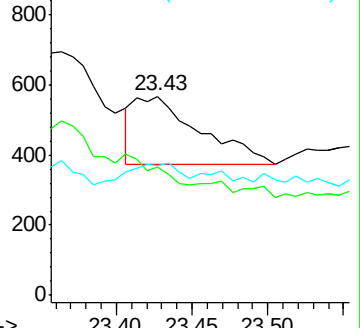
125 64.8 18.1 27.1#



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: 2.152 ng/ul

RT: 25.79 min Scan# 4298

Delta R.T. 0.28 min

Lab File: BE096863.D

Acq: 6 Jul 2018 21:13

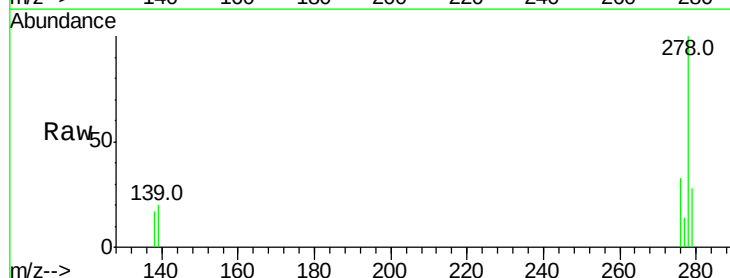
Tgt Ion:276 Resp: 2403

Ion Ratio Lower Upper

276 100

138 52.9 28.0 42.0#

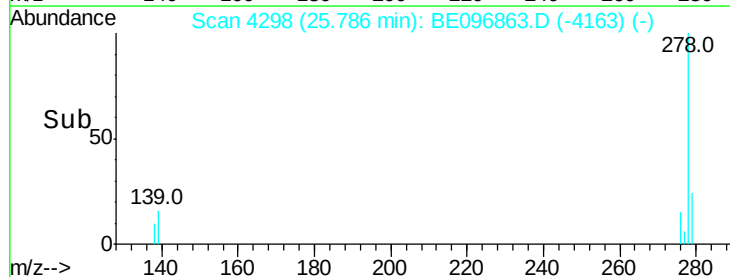
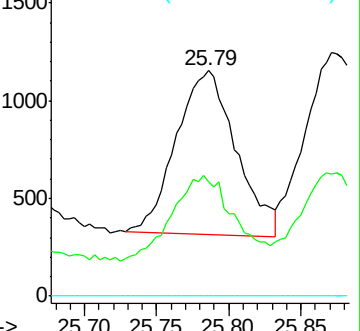
227 0.0 8.0 12.0#

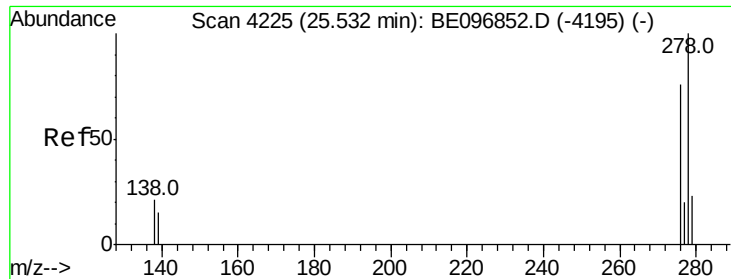


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



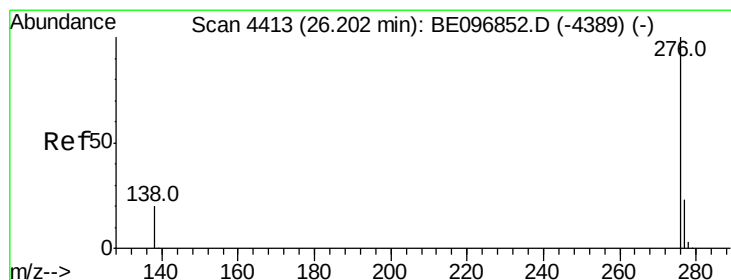
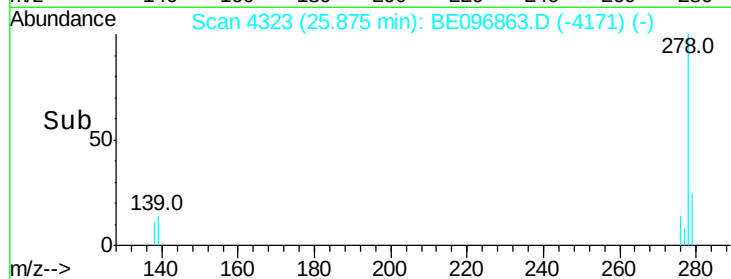
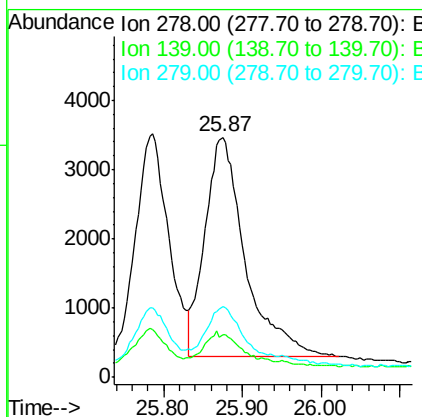
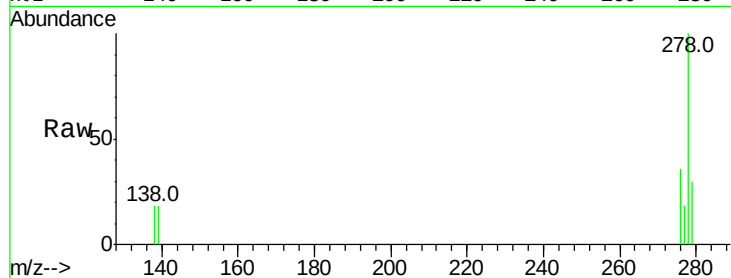


#25
Dibenzo(a,h)anthracene
Concen: 12.764 ng/ul
RT: 25.87 min Scan# 4323
Delta R.T. 0.34 min
Lab File: BE096863.D
Acq: 6 Jul 2018 21:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11323

Ion	Ratio	Lower	Upper
278	100		
139	17.9	17.4	26.0
279	29.7	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 6.157 ng/ul
RT: 26.57 min Scan# 4518
Delta R.T. 0.37 min
Lab File: BE096863.D
Acq: 6 Jul 2018 21:13

Tgt Ion:276 Resp: 6674

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.8	32.8
277	28.6	20.5	30.7

