

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070918\
 Data File : BE096888.D
 Acq On : 9 Jul 2018 19:24
 Operator : SJ/JU
 Sample : J3765-05DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 10 03:15:12 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

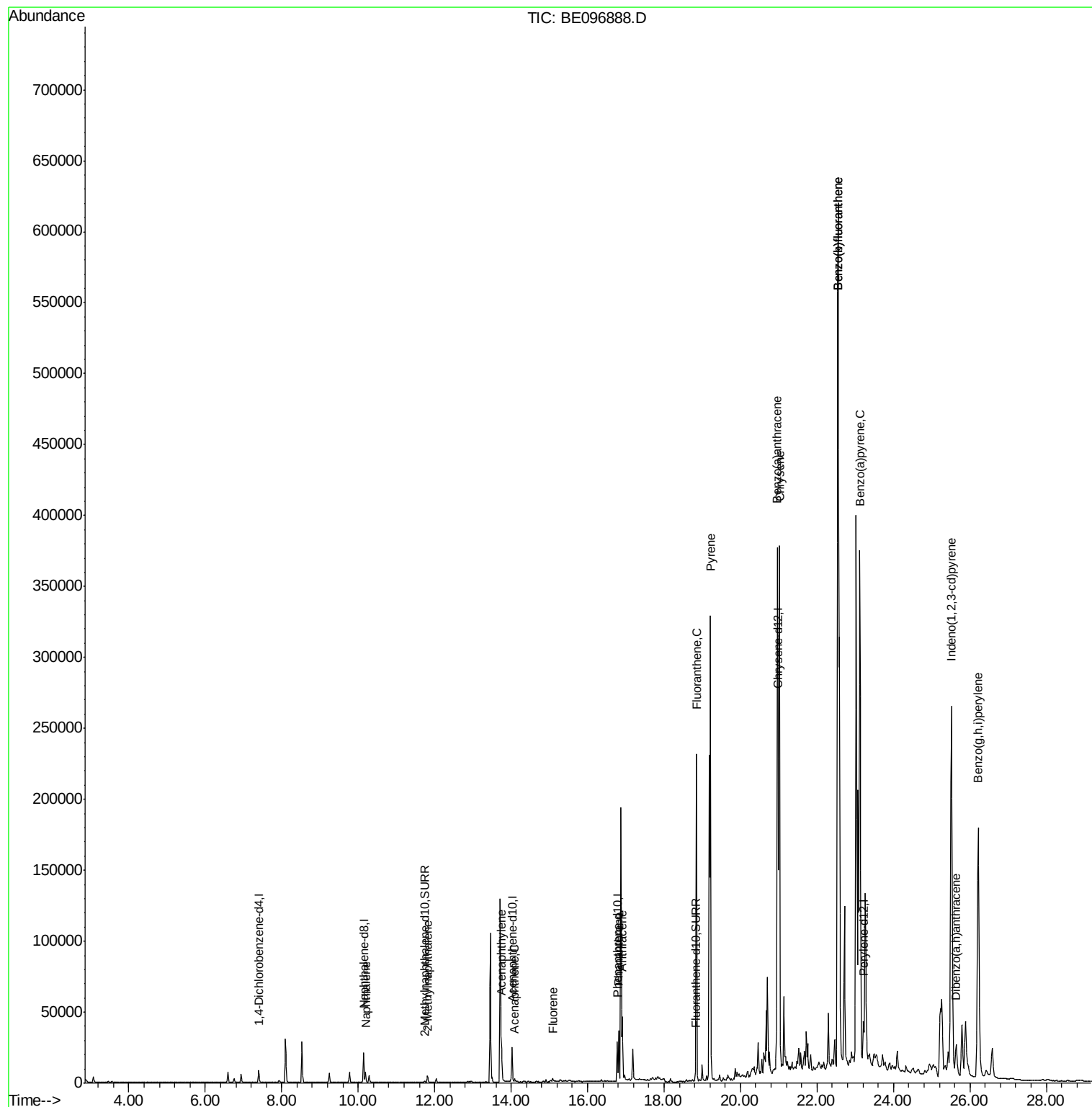
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3894	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	21297	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13142	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	30801	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	32786	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	33881	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1074	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	2857	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	9938	0.193	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	3568	0.102	ng/ul	99
7) Acenaphthylene	13.74	152	41161	0.764	ng/ul	96
8) Acenaphthene	14.09	153	1574	0.035	ng/ul#	88
9) Fluorene	15.08	166	1802	0.039	ng/ul#	88
12) Phenanthrene	16.82	178	37823	0.476	ng/ul#	89
13) Anthracene	16.91	178	53980	0.800	ng/ul#	92
15) Fluoranthene	18.85	202	250587	2.962	ng/ul	84
17) Pyrene	19.21	202	349431	3.247	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	292008	3.776	ng/ul#	82
19) Chrysene	21.02	228	396306	3.956	ng/ul	98
21) Benzo(b)fluoranthene	22.55	252	1354034	14.643	ng/ul	84
22) Benzo(k)fluoranthene	22.55	252	1354034	13.412	ng/ul#	85
23) Benzo(a)pyrene	23.12	252	506751	6.479	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.51	276	437347	5.387	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.64	278	32507	0.504	ng/ul	98
26) Benzo(a,h,i)perylene	26.21	276	378098	4.798	ng/ul#	92

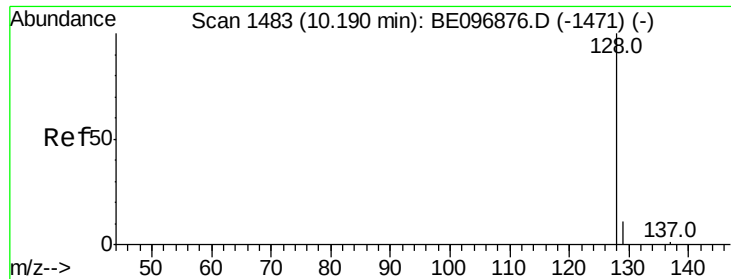
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.193 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

ClientSampleId :

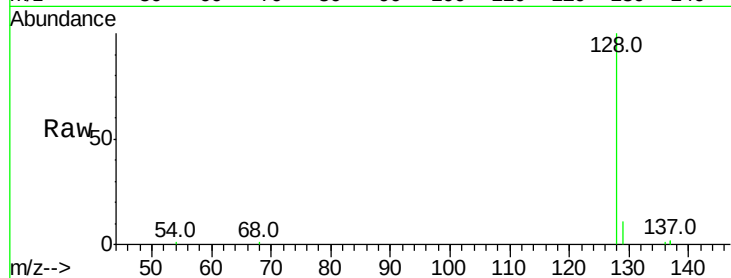
Tot Ion:128 Resp: 9938

Ion Ratio Lower Upper

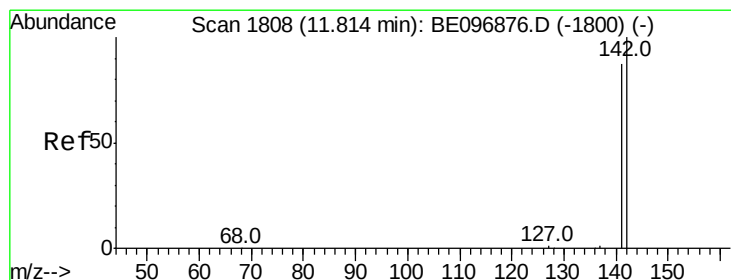
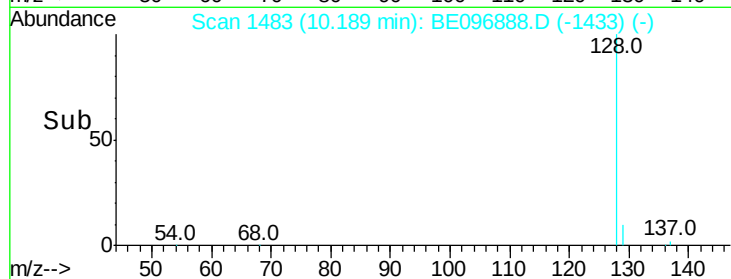
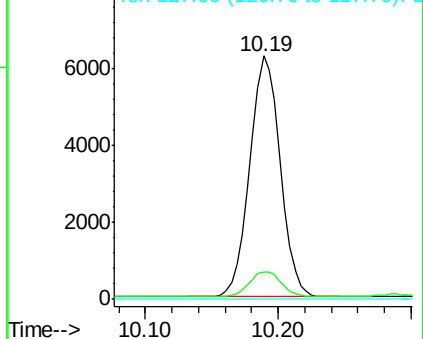
128 100

129 11.3 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: 0.102 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BE096888.D

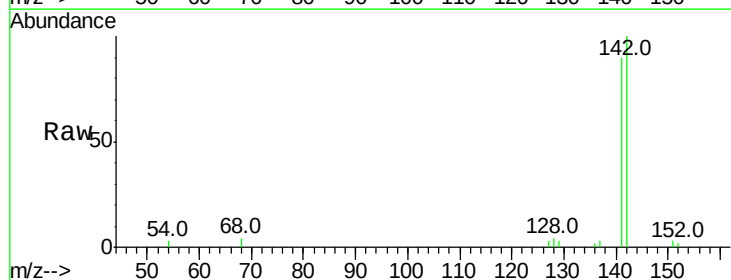
Acq: 9 Jul 2018 19:24

Tgt Ion:142 Resp: 3568

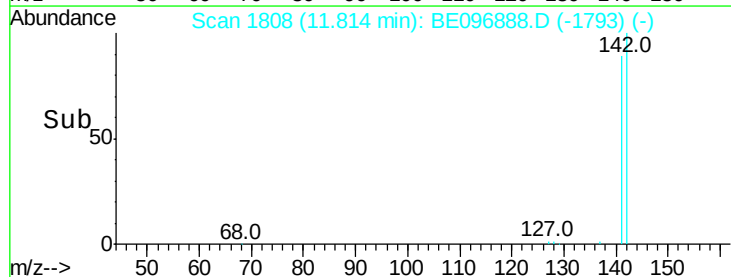
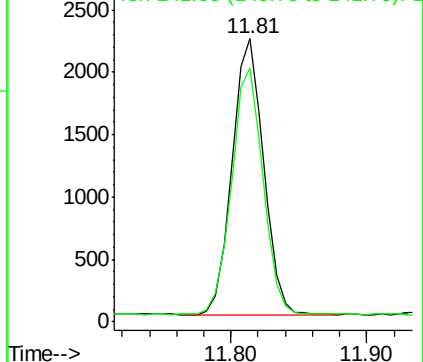
Ion Ratio Lower Upper

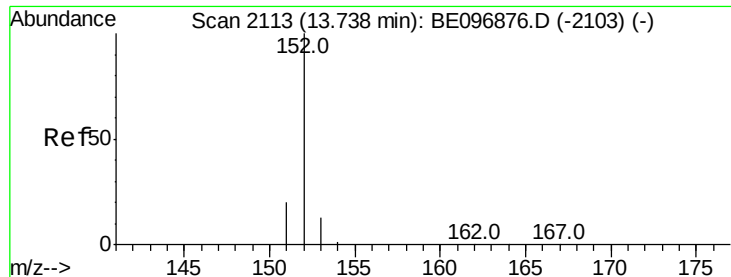
142 100

141 89.5 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: 0.764 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

ClientSampled :

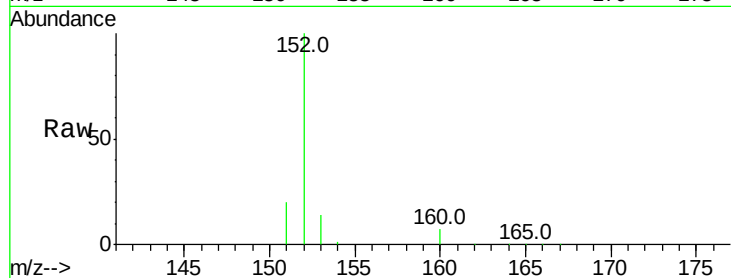
Tot Ion:152 Resp: 41161

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

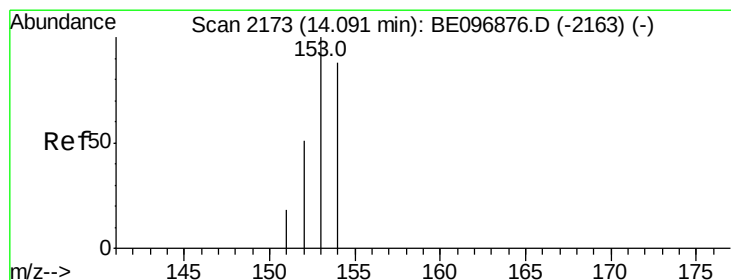
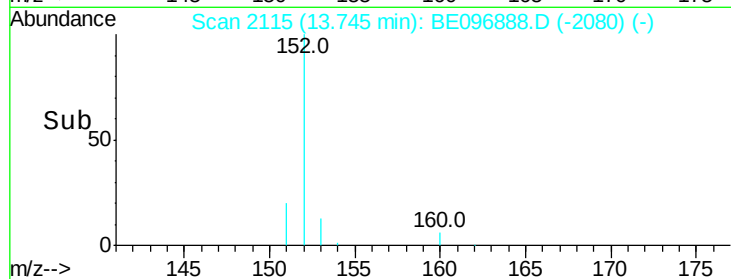
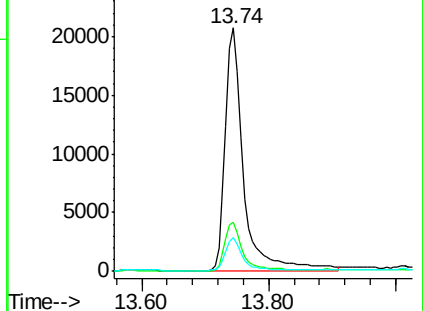
153 13.6 12.8 19.2



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: 0.035 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

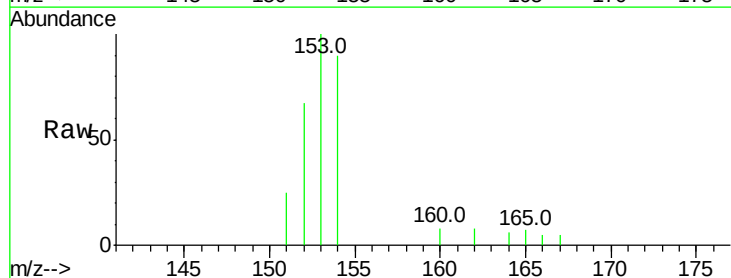
Tgt Ion:153 Resp: 1574

Ion Ratio Lower Upper

153 100

152 67.2 36.0 54.0#

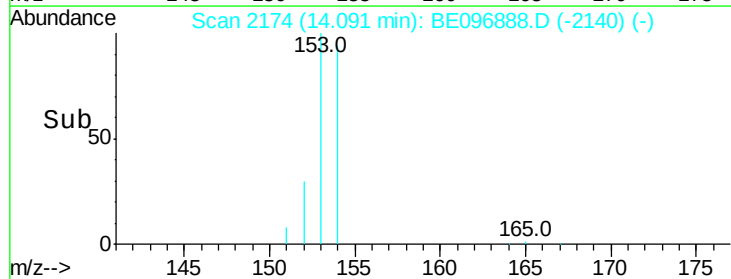
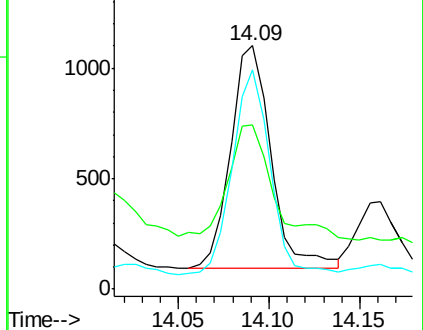
154 90.3 72.0 108.0

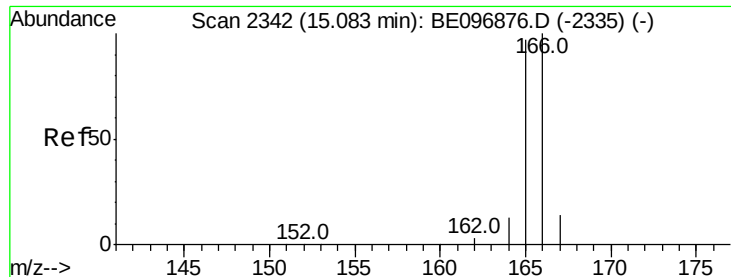


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

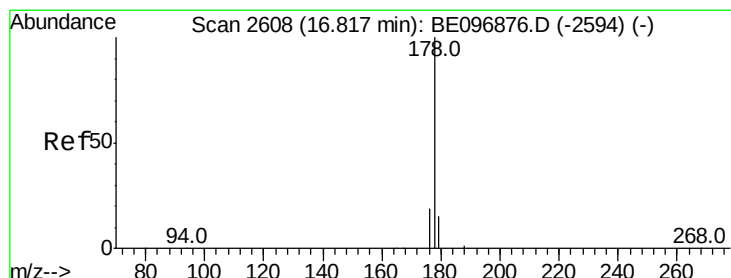
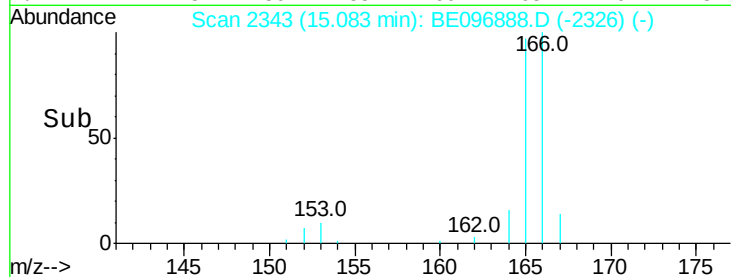
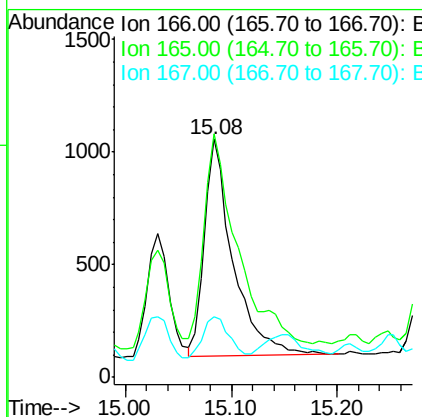
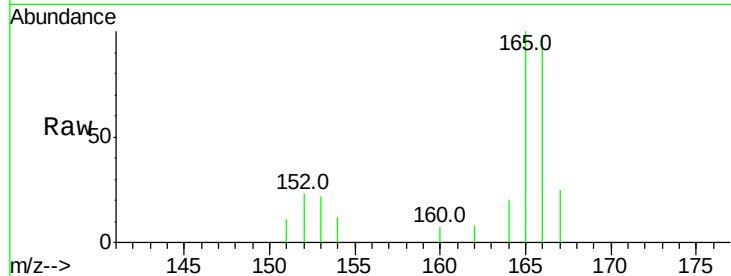




#9
Fluorene
 Concen: 0.039 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

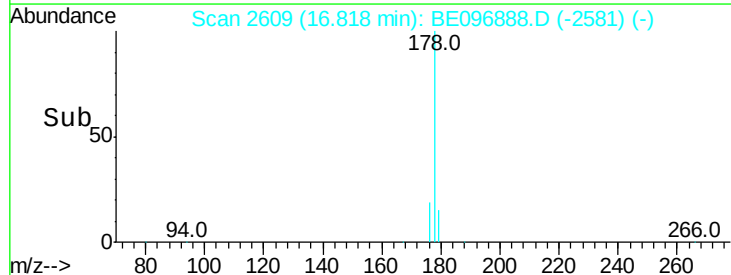
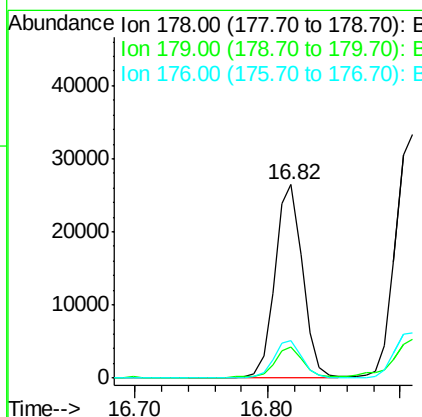
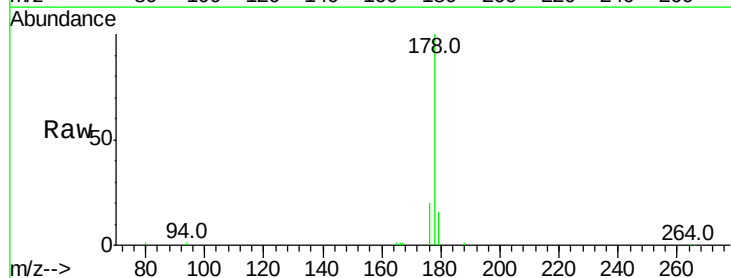
Instrument :
 BNA_E
 ClientSampleId :

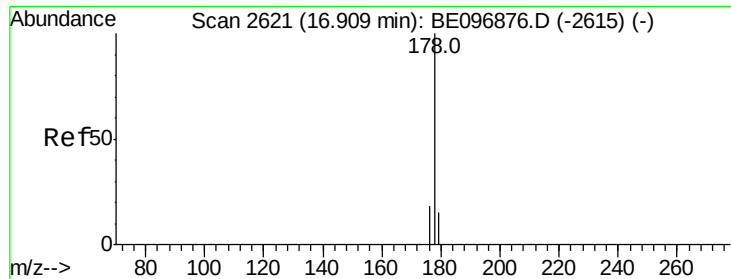
Tot Ion:166 Resp: 1802
 Ion Ratio Lower Upper
 166 100
 165 102.4 73.4 110.2
 167 25.7 14.6 22.0#



#12
Phenanthrene
 Concen: 0.476 ng/ul
 RT: 16.82 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Tgt Ion:178 Resp: 37823
 Ion Ratio Lower Upper
 178 100
 179 16.0 18.4 27.6#
 176 19.6 13.6 20.4





#13

Anthracene

Concen: 0.800 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

ClientSampleId :

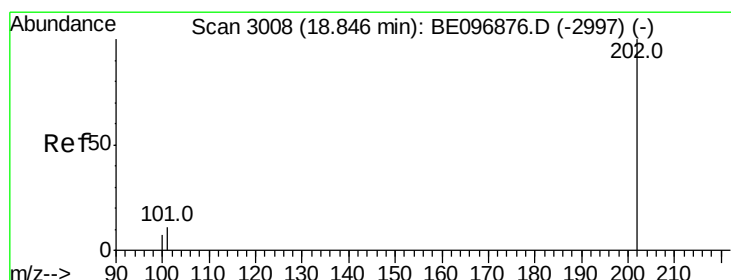
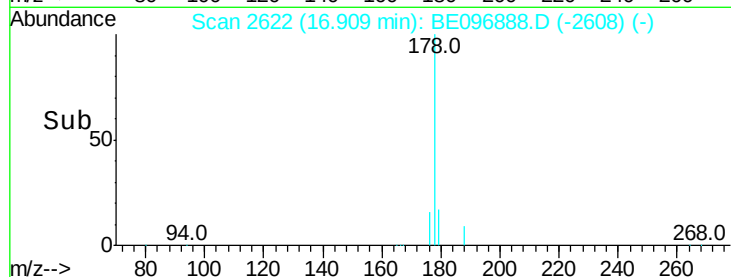
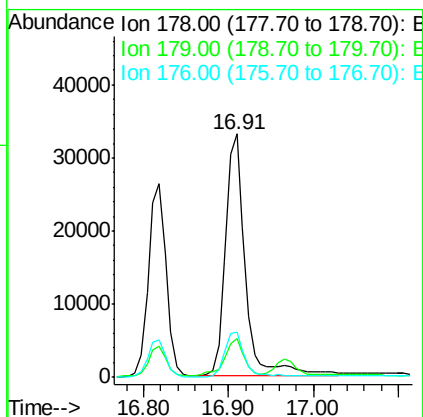
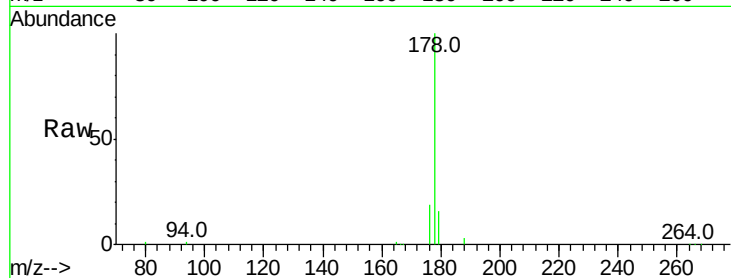
Tot Ion:178 Resp: 53980

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

176 18.8 14.7 22.1



#15

Fluoranthene

Concen: 2.962 ng/ul

RT: 18.85 min Scan# 3009

Delta R.T. -0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

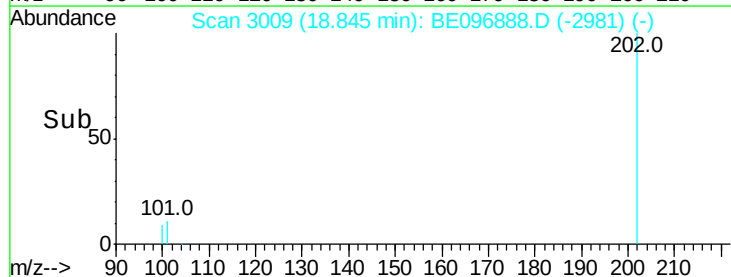
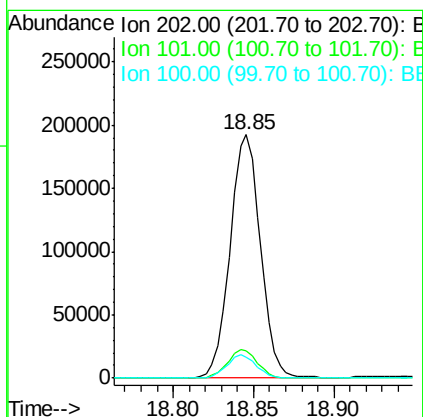
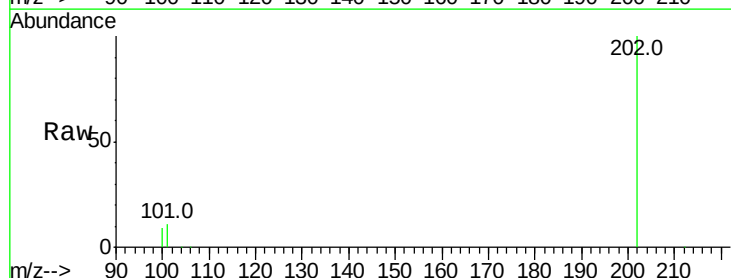
Tgt Ion:202 Resp: 250587

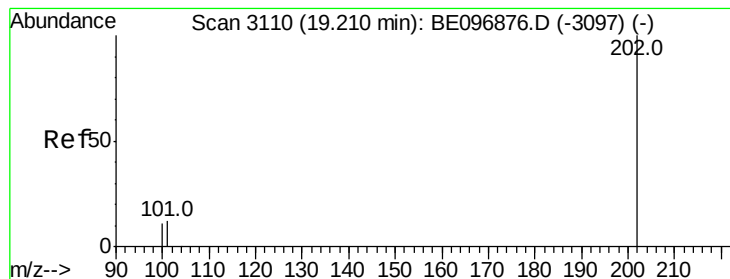
Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

100 8.8 0.0 39.5





#17

Pvrene

Concen: 3.247 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

ClientSampleId :

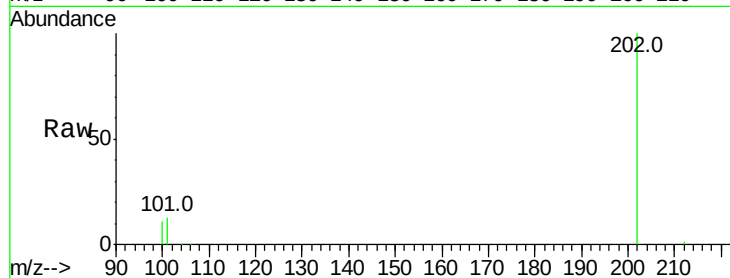
Tot Ion:202 Resp: 349431

Ion Ratio Lower Upper

202 100

101 13.3 18.2 27.4#

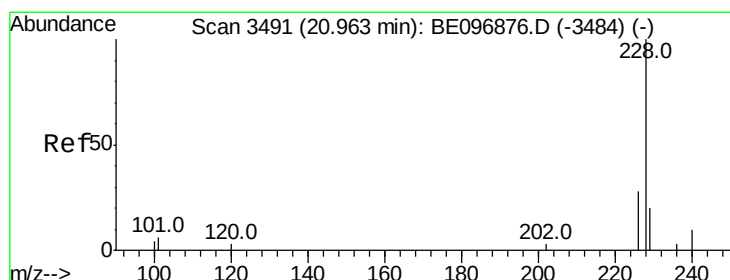
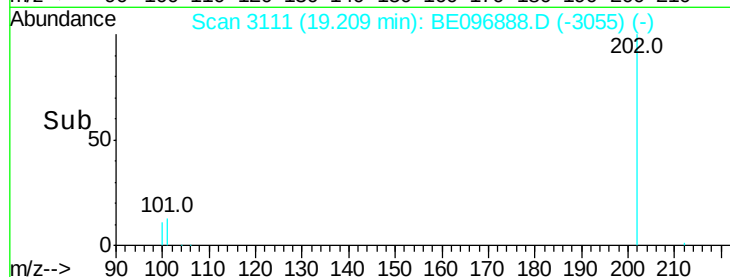
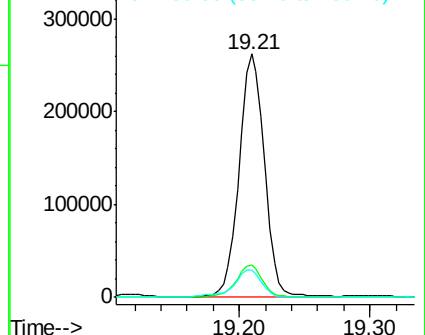
100 11.2 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 3.776 ng/ul

RT: 20.96 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

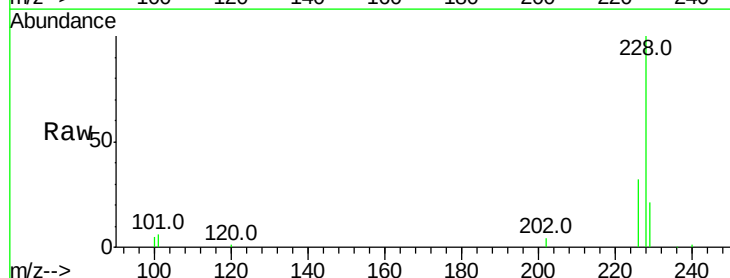
Tgt Ion:228 Resp: 292008

Ion Ratio Lower Upper

228 100

229 21.2 22.8 34.2#

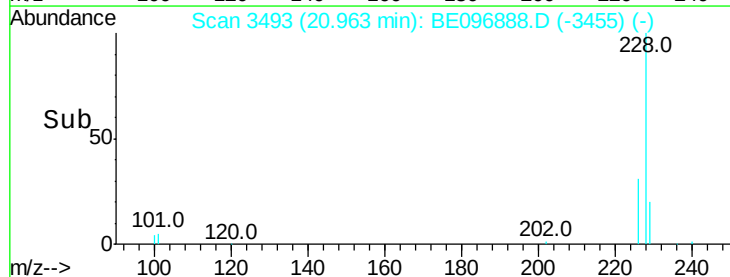
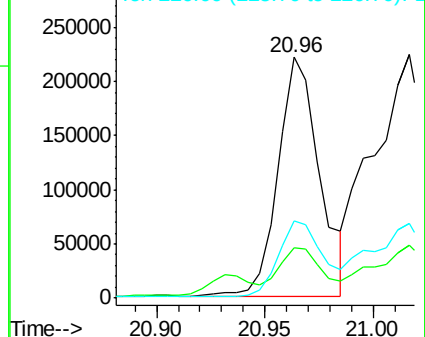
226 31.9 17.0 25.6#

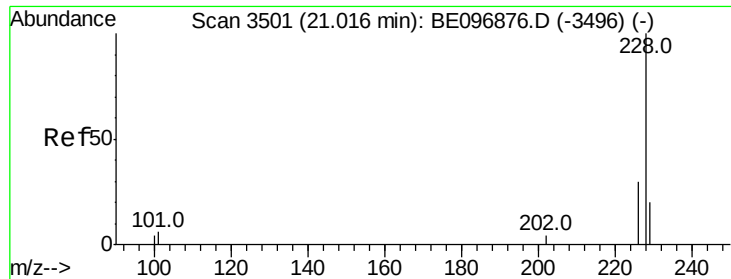


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.956 ng/ul

RT: 21.02 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

ClientSampleId :

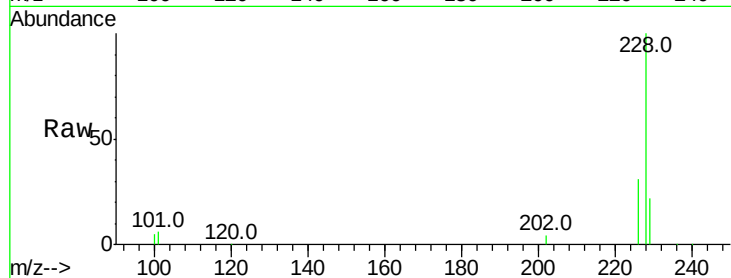
Tot Ion:228 Resp: 396306

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

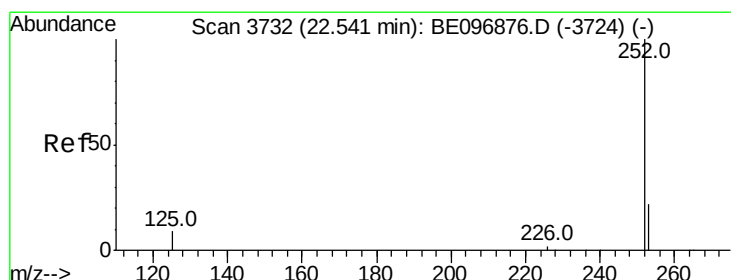
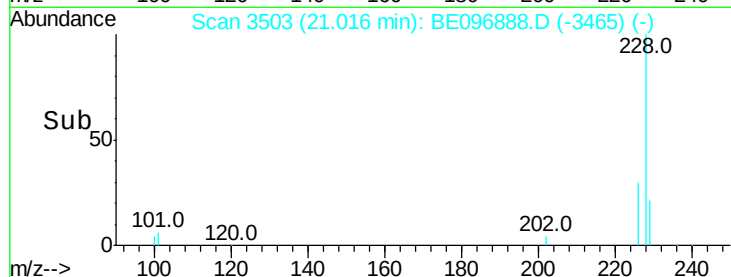
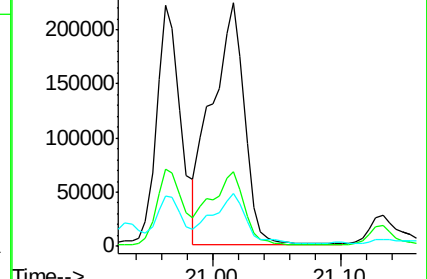
229 21.8 17.7 26.5



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



#21

Benzo(b)fluoranthene

Concen: 14.643 ng/ul

RT: 22.55 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

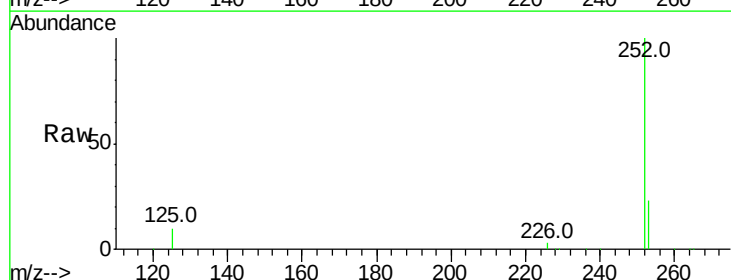
Tgt Ion:252 Resp: 1354034

Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

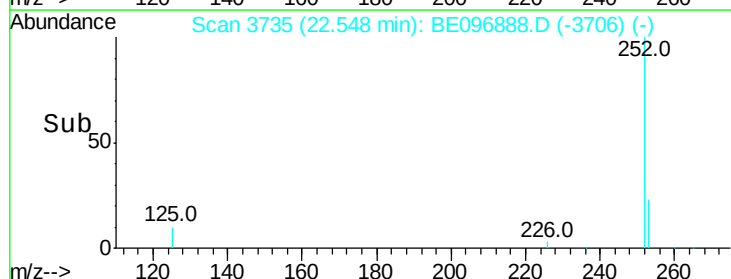
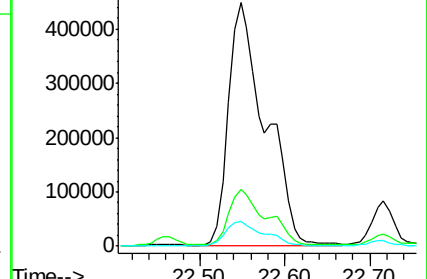
125 10.1 0.0 35.0

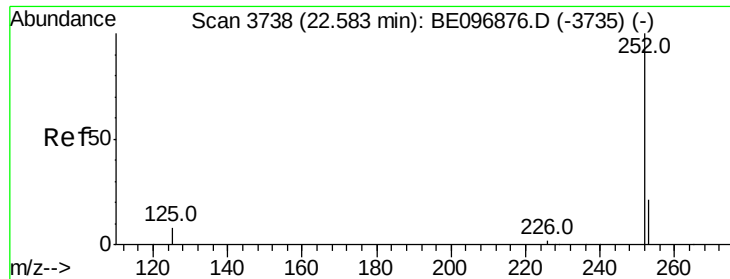


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 13.412 ng/ul

RT: 22.55 min Scan# 3735

Delta R.T. -0.04 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

ClientSampleId :

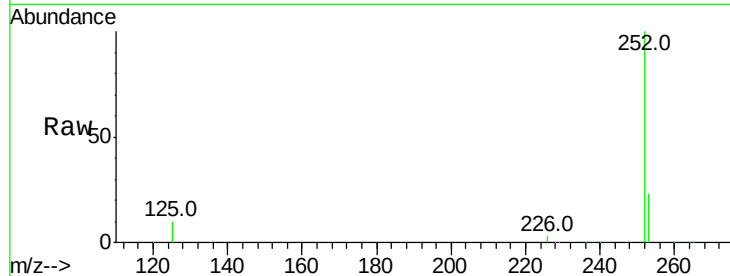
Tot Ion:252 Resp: 1354034

Ion Ratio Lower Upper

252 100

253 23.2 24.5 36.7#

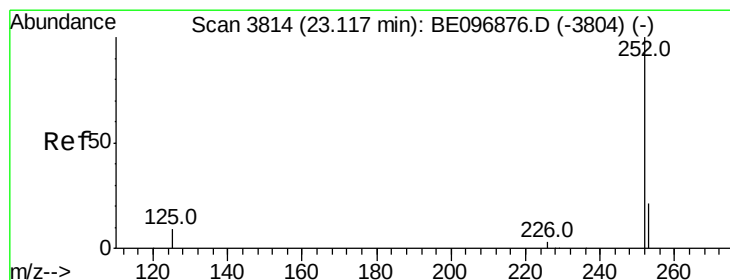
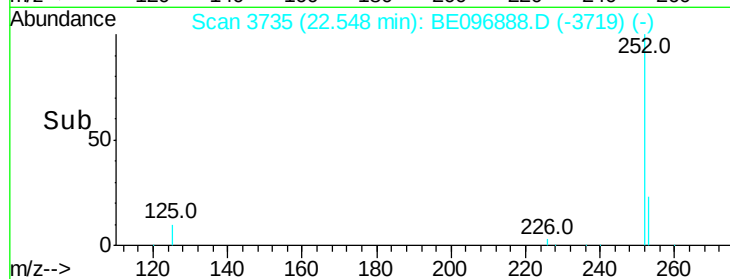
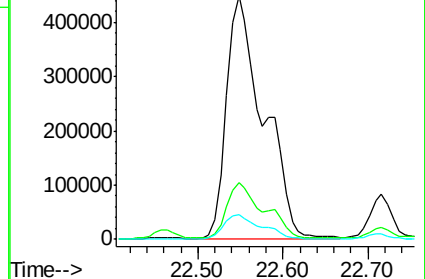
125 10.1 13.7 20.5#



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: 6.479 ng/ul

RT: 23.12 min Scan# 3817

Delta R.T. 0.01 min

Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

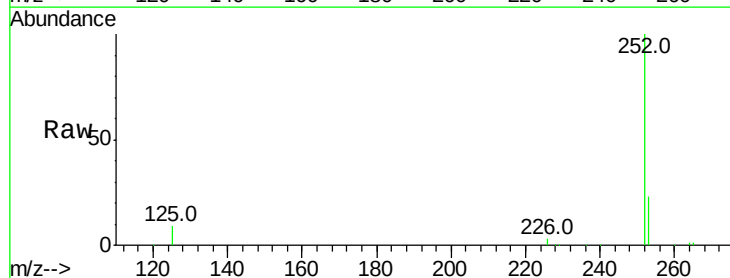
Tgt Ion:252 Resp: 506751

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

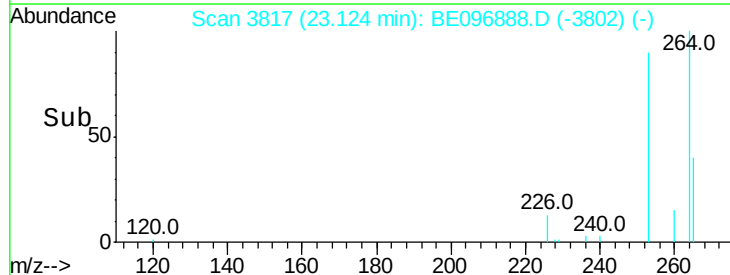
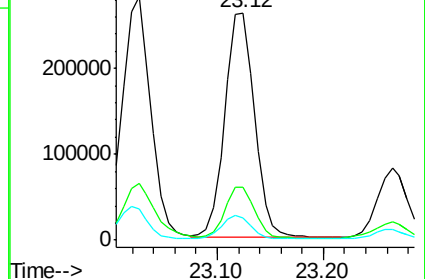
125 9.5 18.1 27.1#

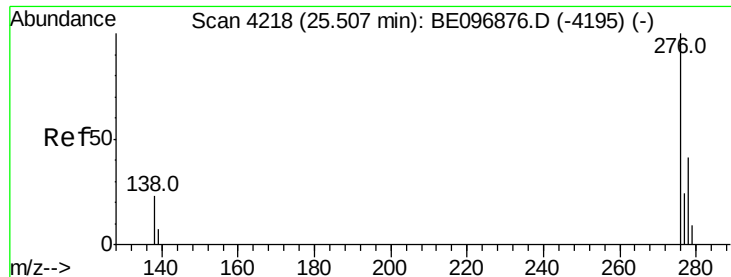


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

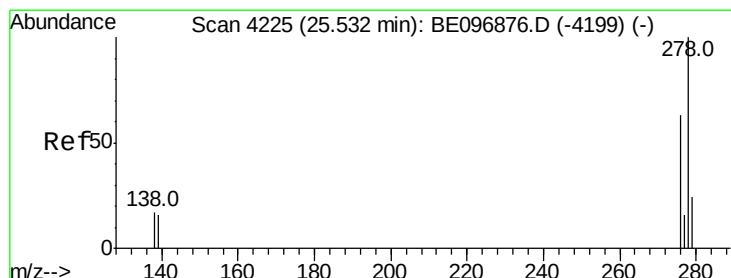
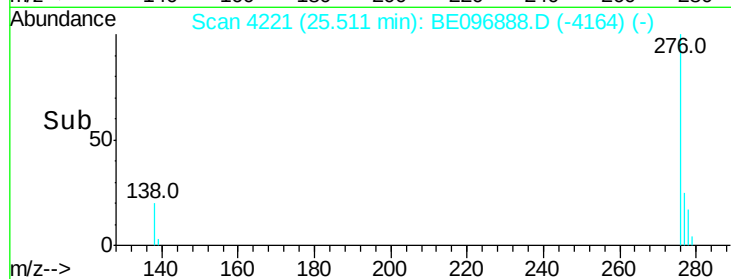
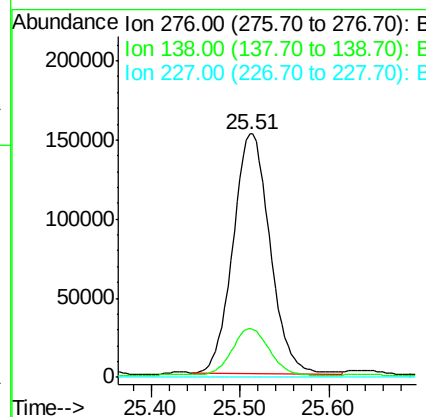
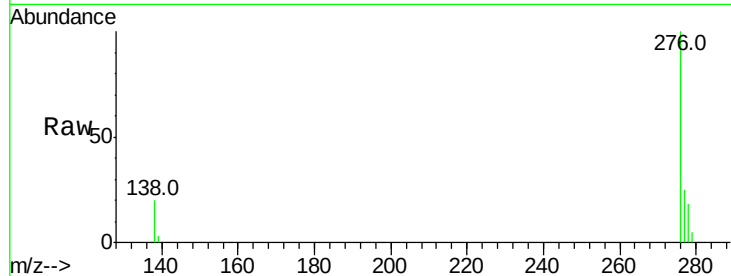




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.387 ng/ul
 RT: 25.51 min Scan# 4221
 Delta R.T. 0.00 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

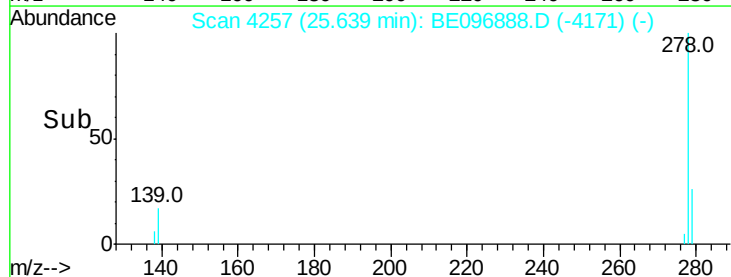
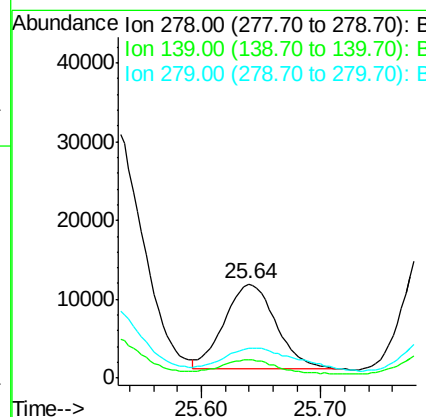
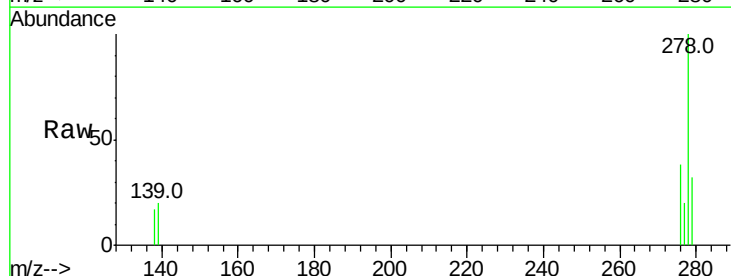
Instrument :
 BNA_E
 ClientSampleId :

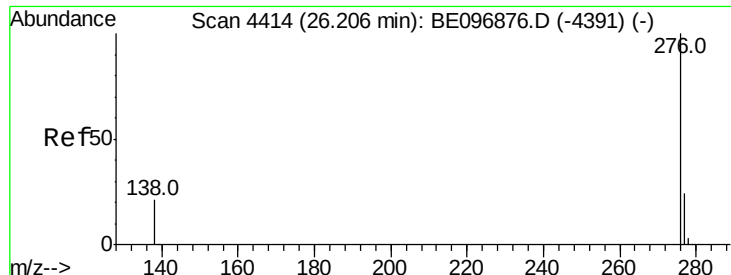
Tot Ion:276 Resp: 437347
 Ion Ratio Lower Upper
 276 100
 138 20.2 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.504 ng/ul
 RT: 25.64 min Scan# 4257
 Delta R.T. 0.11 min
 Lab File: BE096888.D
 Acq: 9 Jul 2018 19:24

Tgt Ion:278 Resp: 32507
 Ion Ratio Lower Upper
 278 100
 139 19.7 17.4 26.0
 279 31.8 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 4.798 ng/ul

RT: 26.21 min Scan# 4418

Delta R.T. 0.01 min

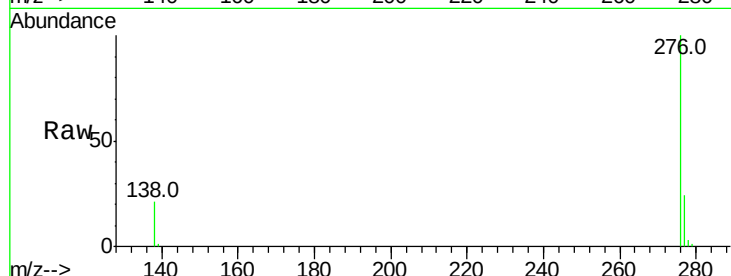
Lab File: BE096888.D

Acq: 9 Jul 2018 19:24

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 378098

Ion Ratio Lower Upper

276 100

138 20.7 21.8 32.8#

277 24.1 20.5 30.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

