

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095811.D
 Acq On : 15 Mar 2018 19:40
 Operator : SJ/JU
 Sample : J1813-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 02:41:32 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 02:40:12 2018
 Response via : Initial Calibration

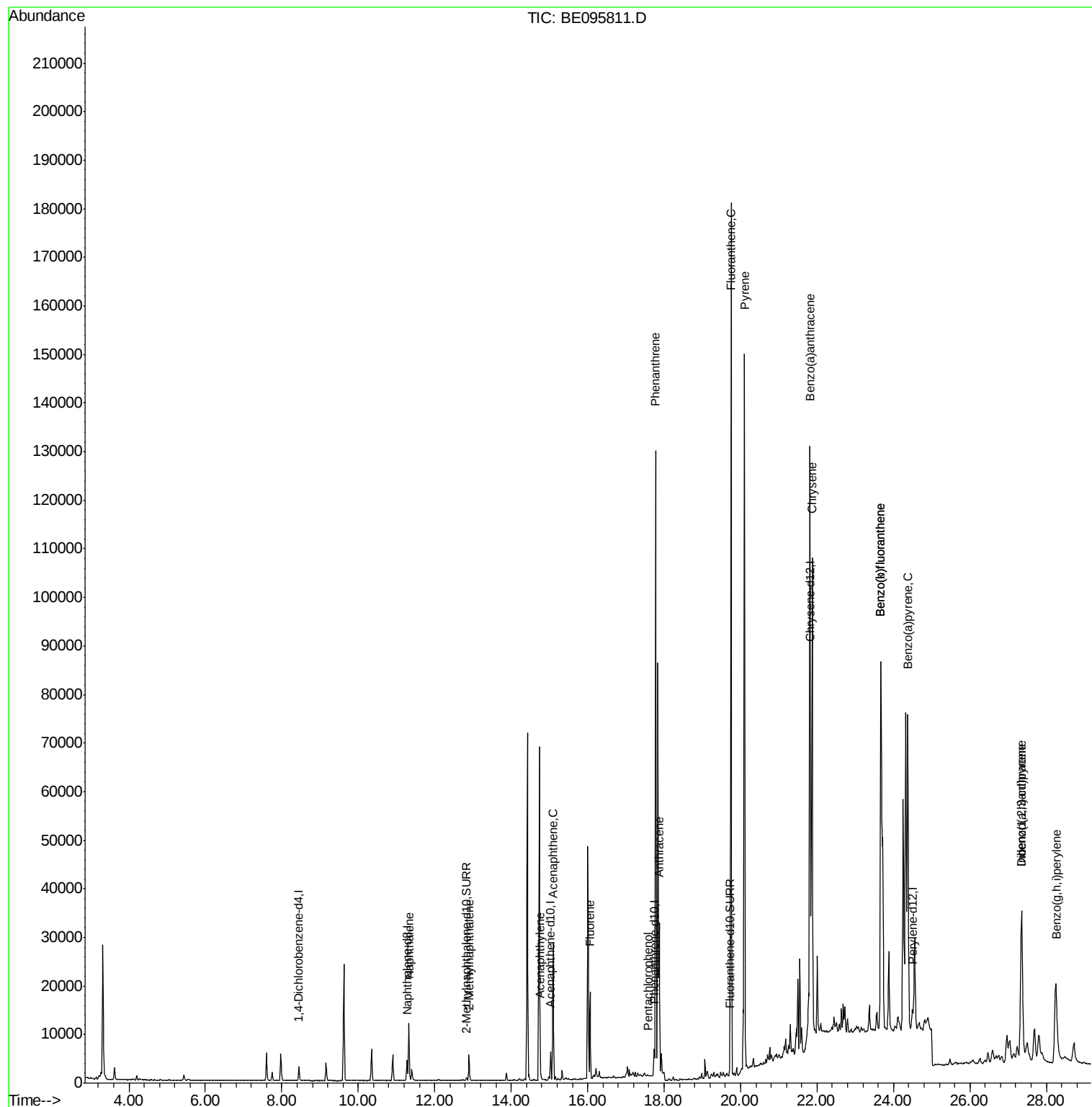
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2026	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5846	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3249	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	6586	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	6836	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	6575	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	649	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	1557	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	15981	0.979	ng/ul#	88
5) 2-Methylnaphthalene	12.90	142	4320	0.381	ng/ul	100
7) Acenaphthylene	14.76	152	3175	0.194	ng/ul	94
8) Acenaphthene	15.10	153	16361	1.324	ng/ul	96
9) Fluorene	16.06	166	11737	0.875	ng/ul#	90
11) Pentachlorophenol	17.56	266	24	0.026	ng/ul	93
12) Phenanthrene	17.78	178	132126	6.699	ng/ul#	88
13) Anthracene	17.87	178	32630	1.769	ng/ul#	93
15) Fluoranthene	19.75	202	200676	8.399	ng/ul	82
17) Pyrene	20.10	202	171121	6.592	ng/ul#	76
18) Benzo(a)anthracene	21.82	228	146009	6.620	ng/ul#	87
19) Chrysene	21.87	228	105254	4.687	ng/ul	96
21) Benzo(b)fluoranthene	23.67	252	201905	8.865	ng/ul	86
22) Benzo(k)fluoranthene	23.67	252	201905	9.326	ng/ul#	88
23) Benzo(a)pyrene	24.38	252	107474	5.169	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.35	276	67000	2.906	ng/ul#	69
25) Dibenzo(a,h)anthracene	27.35	278	16459	0.893	ng/ul#	89
26) Benzo(g,h,i)perylene	28.25	276	54975	2.776	ng/ul#	91

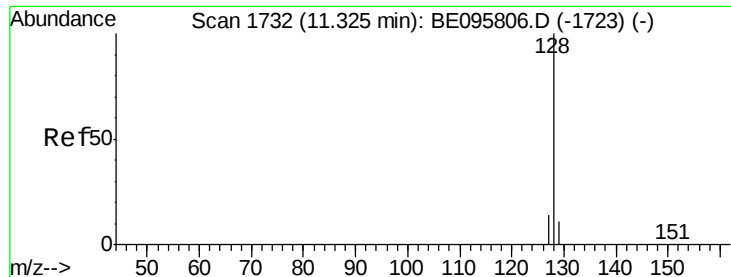
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.979 ng/ul

RT: 11.32 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

ClientSampleId :

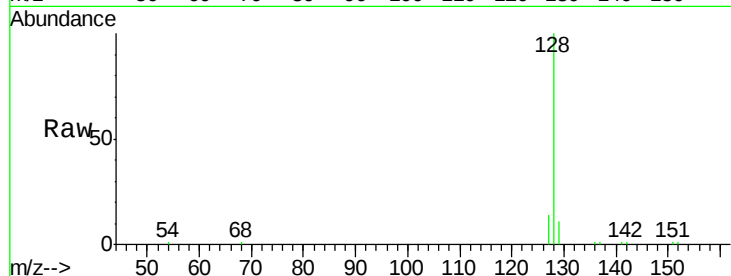
Tot Ion:128 Resp: 15981

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

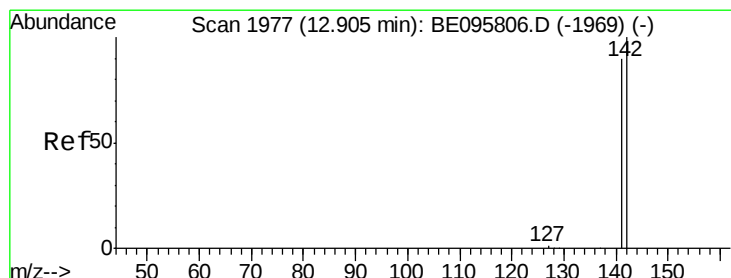
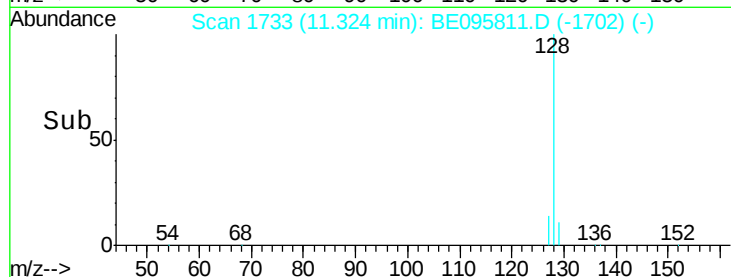
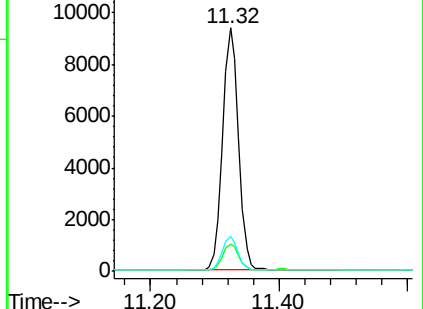
127 14.3 4.0 6.0#



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: 12.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BE095811.D

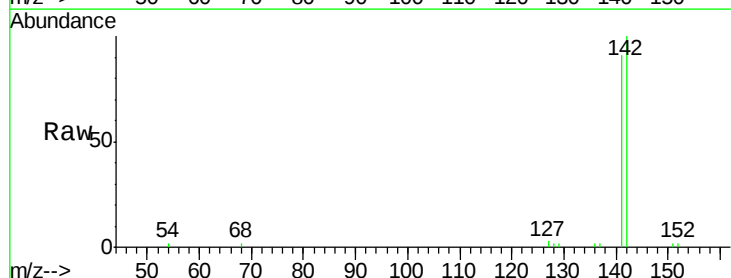
Acq: 15 Mar 2018 19:40

Tgt Ion:142 Resp: 4320

Ion Ratio Lower Upper

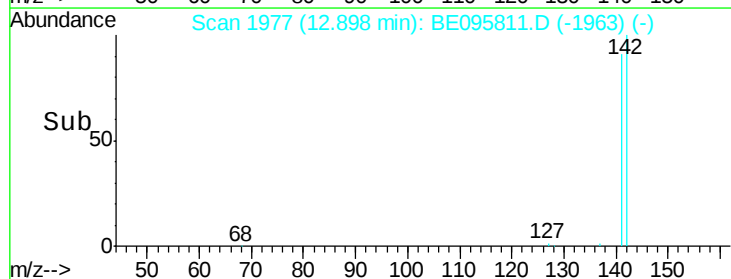
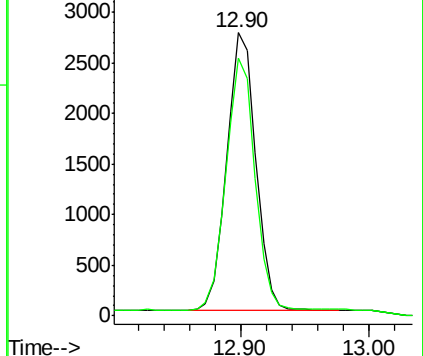
142 100

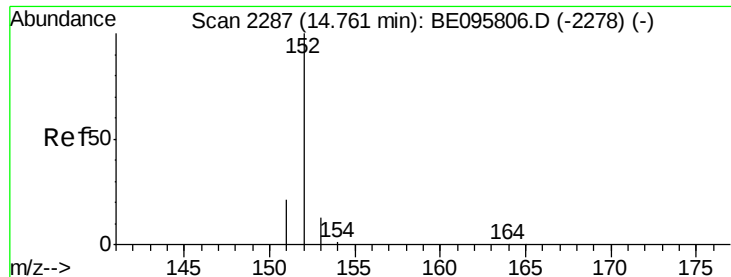
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.194 ng/ul

RT: 14.76 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

ClientSampled :

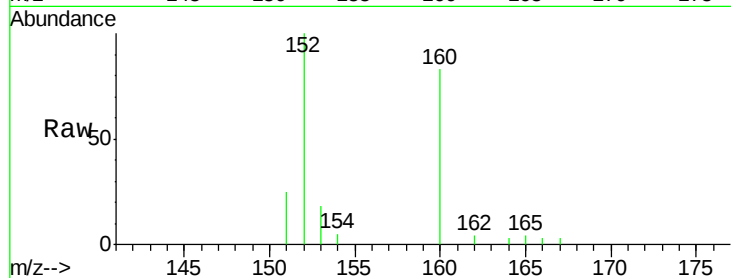
Tot Ion:152 Resp: 3175

Ion Ratio Lower Upper

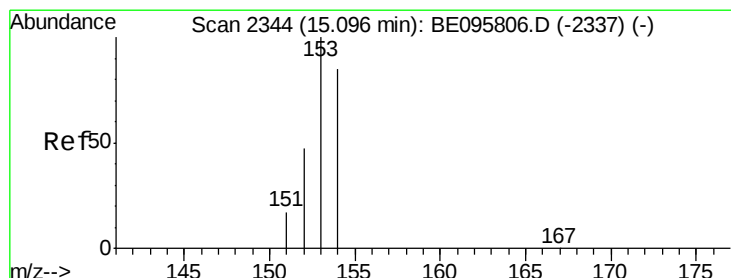
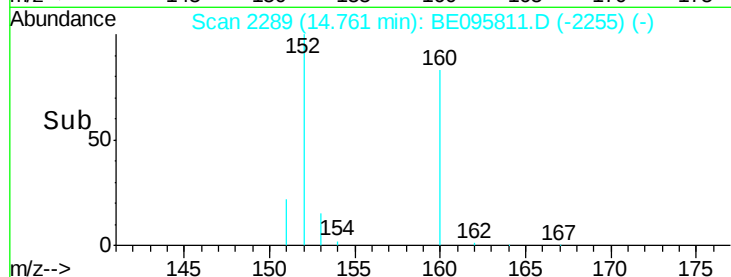
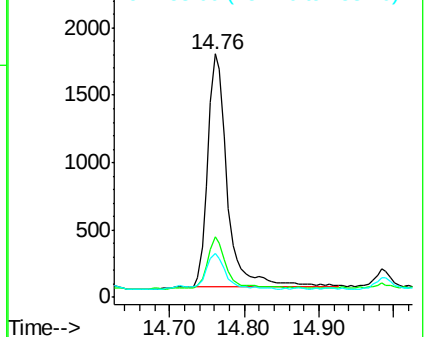
152 100

151 25.0 17.1 25.7

153 17.9 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: 1.324 ng/ul

RT: 15.10 min Scan# 2346

Delta R.T. -0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

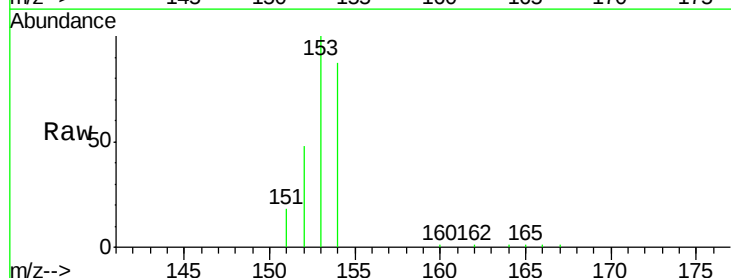
Tgt Ion:153 Resp: 16361

Ion Ratio Lower Upper

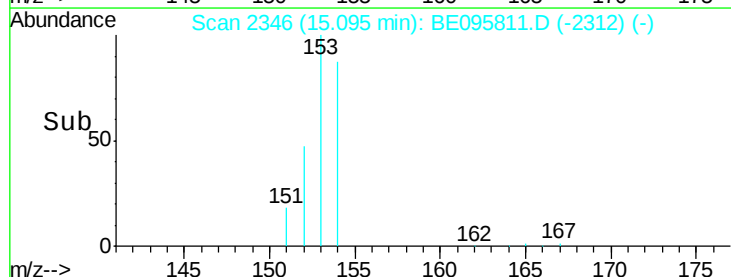
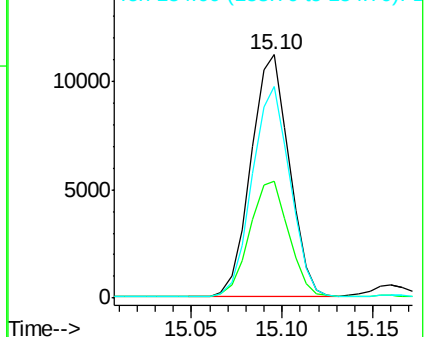
153 100

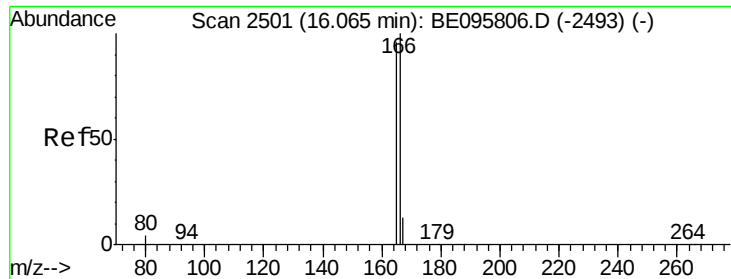
152 48.0 36.0 54.0

154 86.9 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: 0.875 ng/ul

RT: 16.06 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

ClientSampleId :

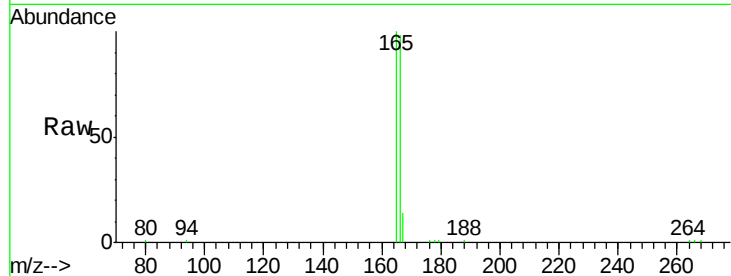
Tot Ion:166 Resp: 11737

Ion Ratio Lower Upper

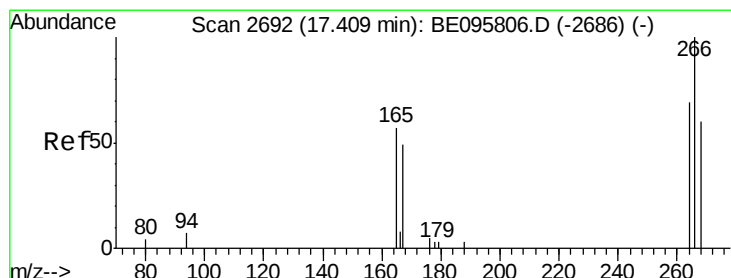
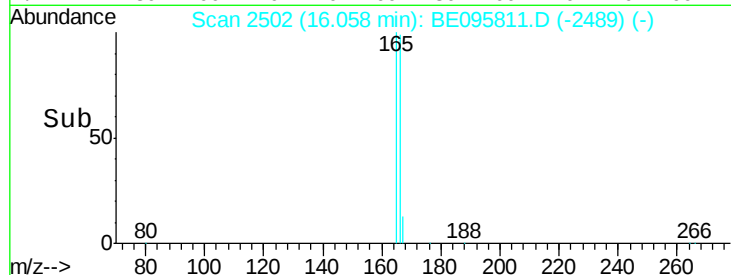
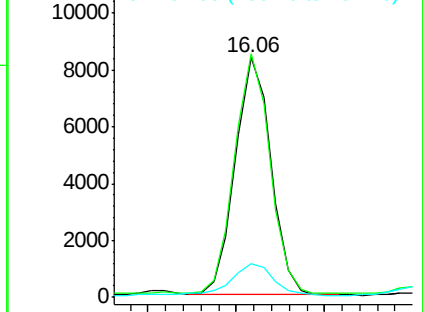
166 100

165 101.7 73.4 110.2

167 14.3 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



#11

Pentachlorophenol

Concen: 0.026 ng/ul

RT: 17.56 min Scan# 2716

Delta R.T. 0.16 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

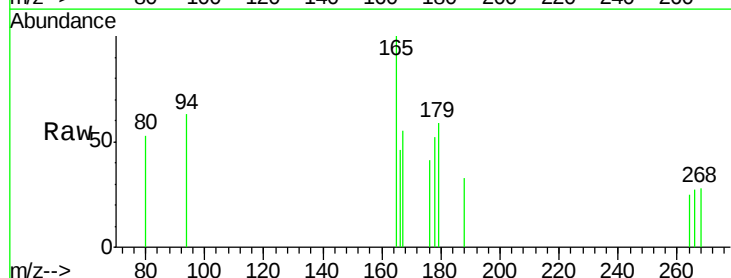
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

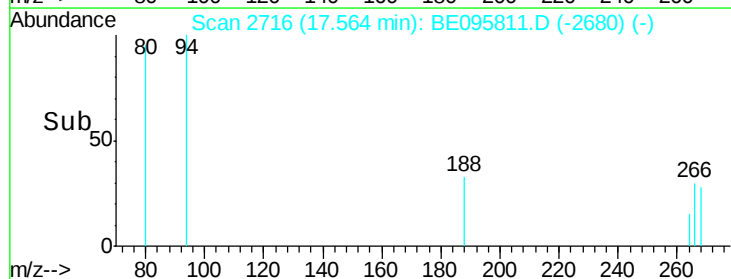
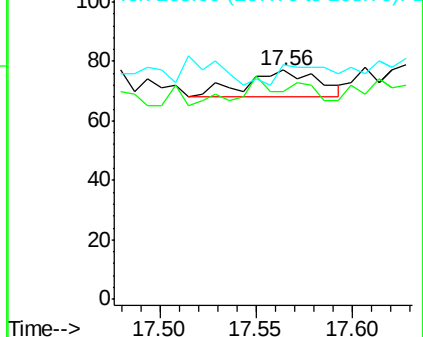
266 100

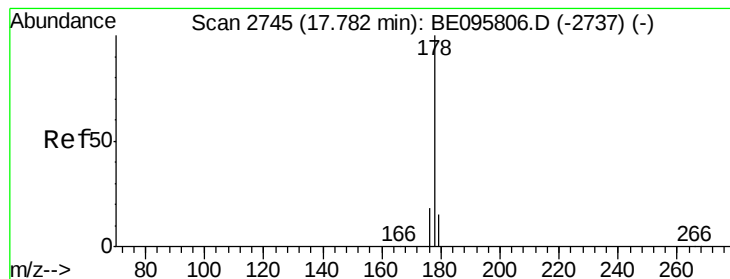
264 66.7 47.9 71.9

268 66.7 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 6.699 ng/ul

RT: 17.78 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

ClientSampleId :

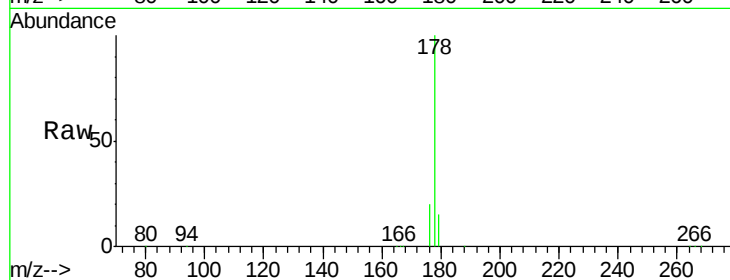
Tot Ion:178 Resp: 132126

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

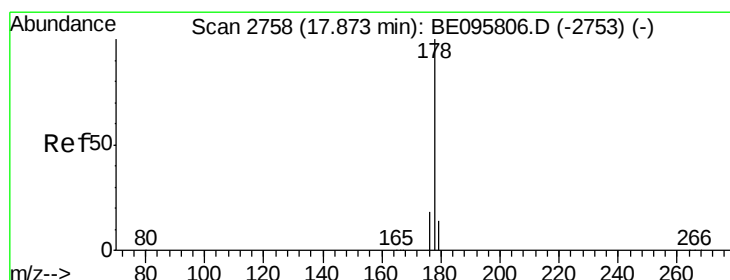
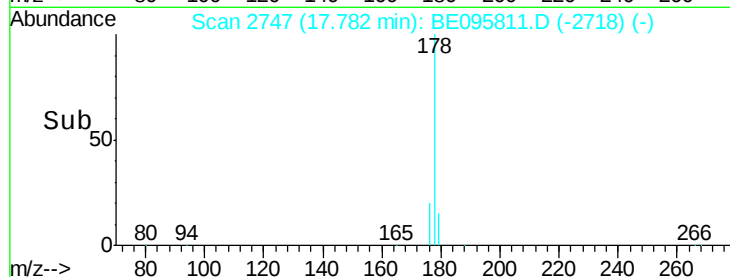
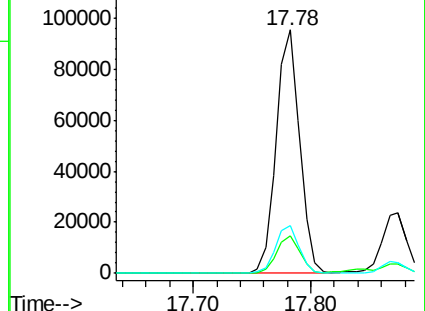
176 19.7 13.6 20.4



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



#13

Anthracene

Concen: 1.769 ng/ul

RT: 17.87 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

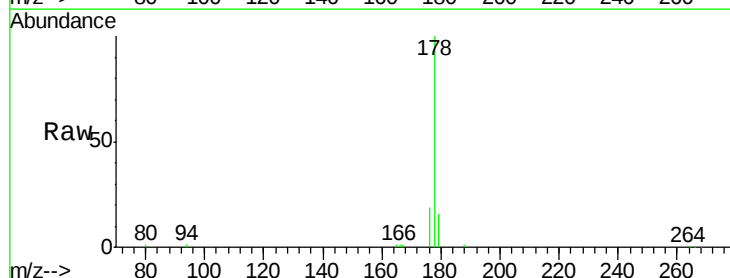
Tgt Ion:178 Resp: 32630

Ion Ratio Lower Upper

178 100

179 16.4 18.1 27.1#

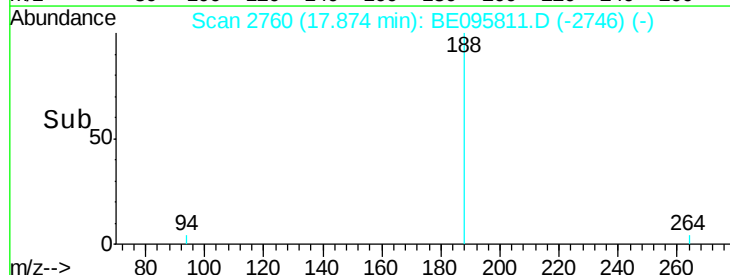
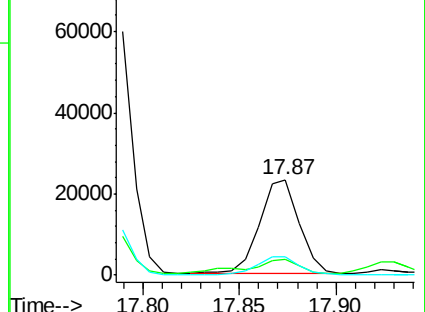
176 18.6 14.7 22.1

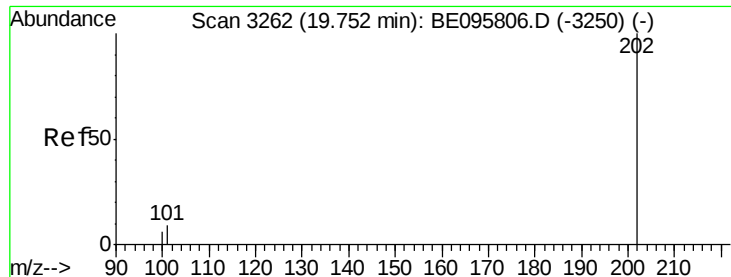


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 8.399 ng/ul

RT: 19.75 min Scan# 3263

Delta R.T. -0.00 min

Lab File: BE095811.D

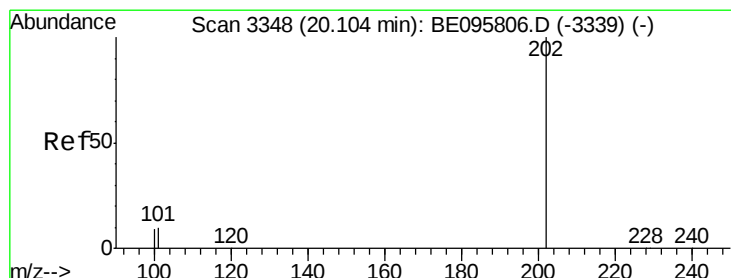
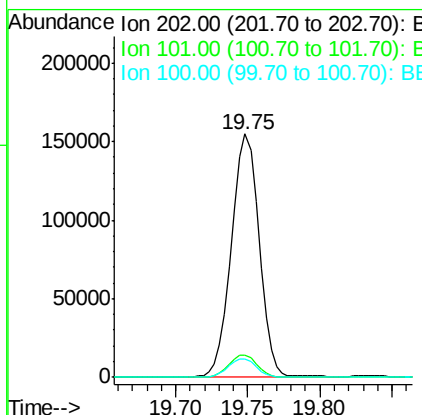
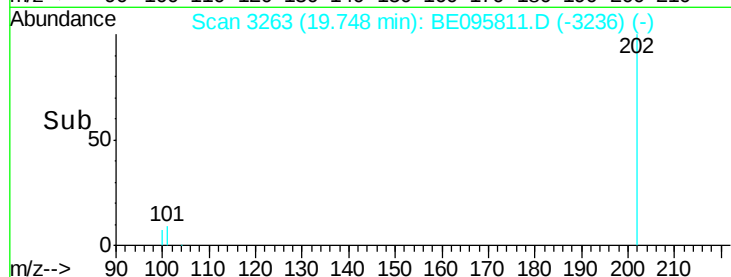
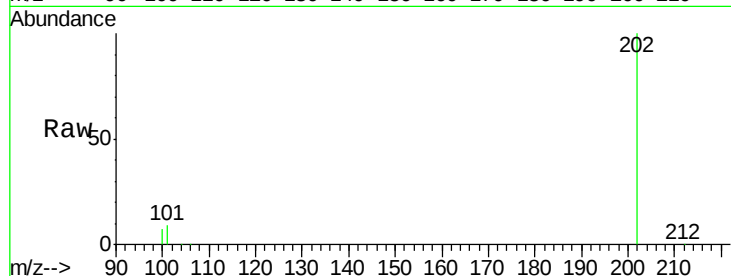
Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	200676
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
100	7.5	0.0	39.5



#17

Pyrene

Concen: 6.592 ng/ul

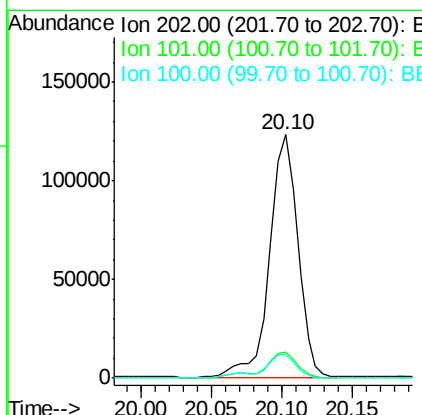
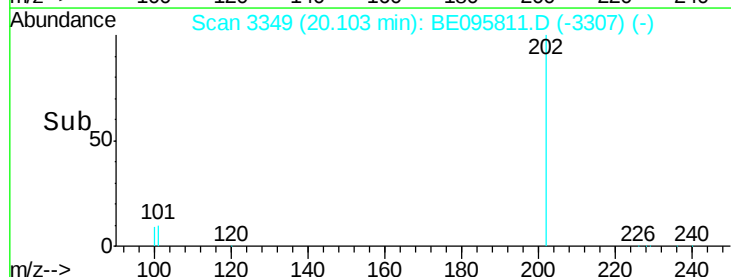
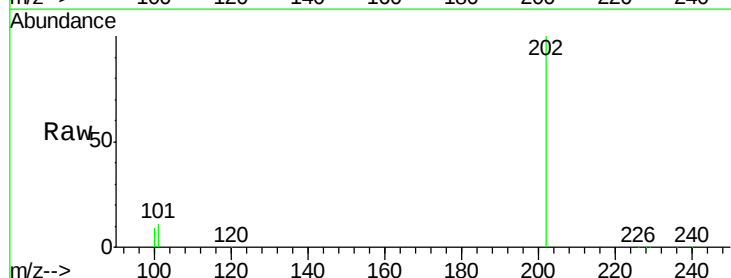
RT: 20.10 min Scan# 3349

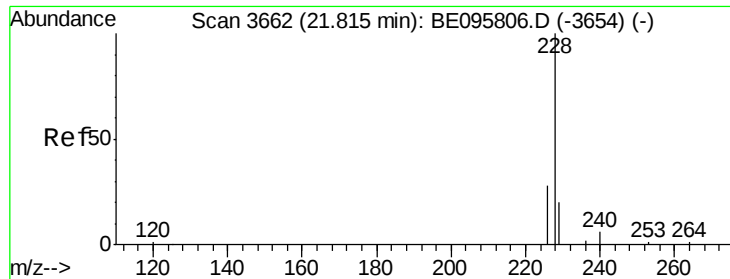
Delta R.T. -0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Tgt Ion:	202	Resp:	171121
Ion	Ratio	Lower	Upper
202	100		
101	10.5	18.2	27.4#
100	9.4	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 6.620 ng/ul

RT: 21.82 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

ClientSampleId :

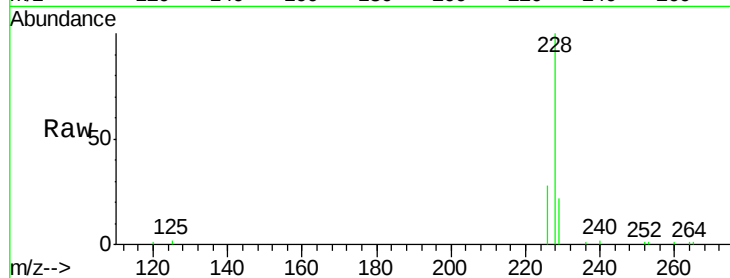
Tot Ion:228 Resp: 146009

Ion Ratio Lower Upper

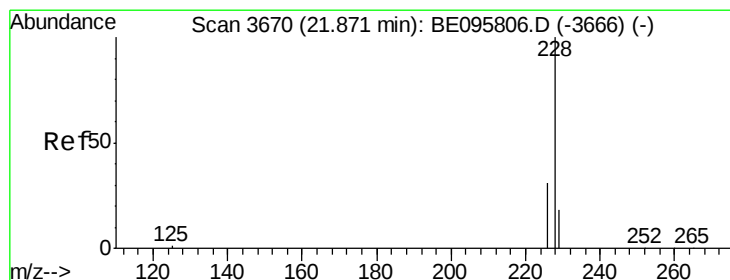
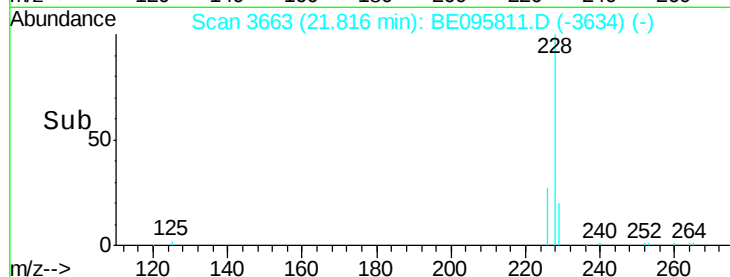
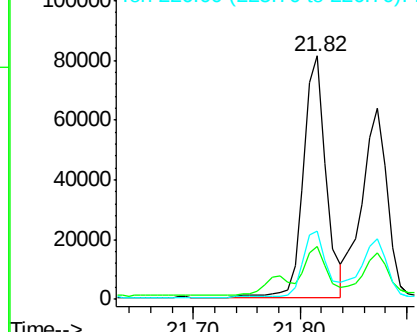
228 100

229 21.8 22.8 34.2#

226 28.1 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: 4.687 ng/ul

RT: 21.87 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

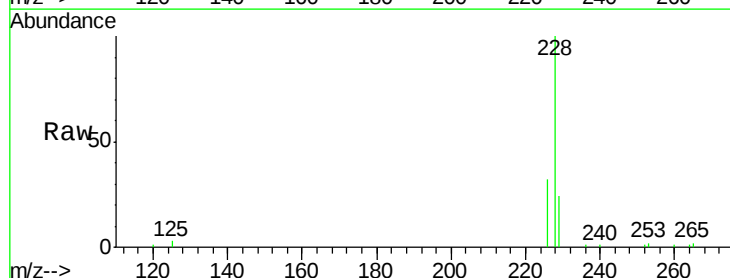
Tgt Ion:228 Resp: 105254

Ion Ratio Lower Upper

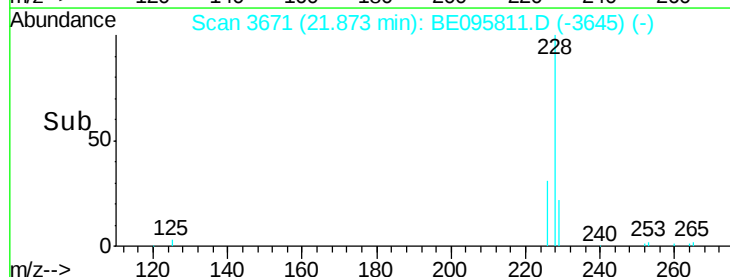
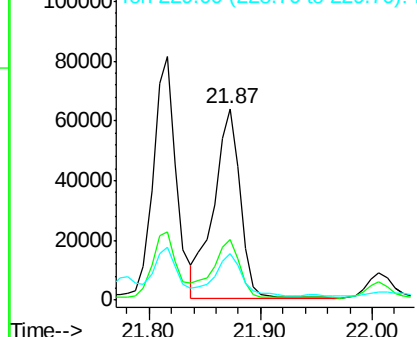
228 100

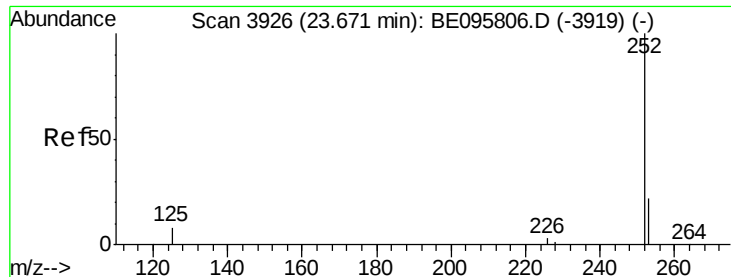
226 31.7 23.4 35.0

229 24.0 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: 8.865 ng/ul

RT: 23.67 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

ClientSampleId :

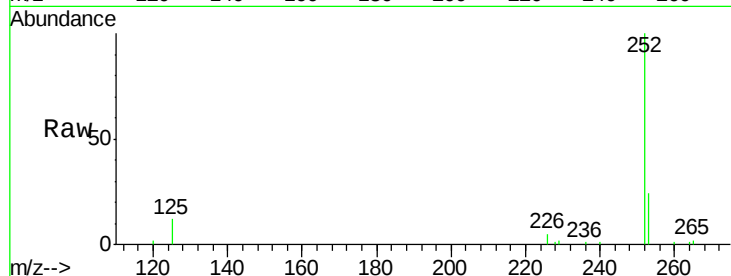
Tot Ion:252 Resp: 201905

Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

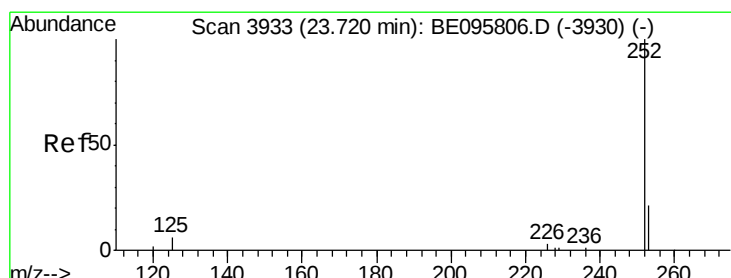
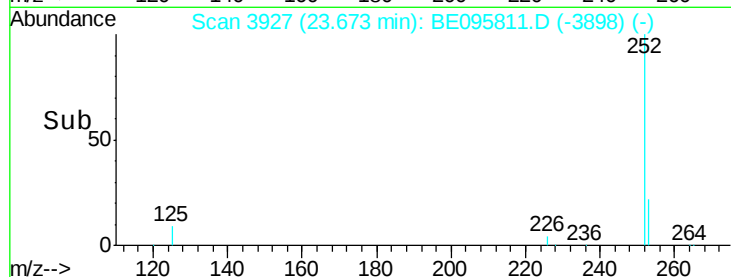
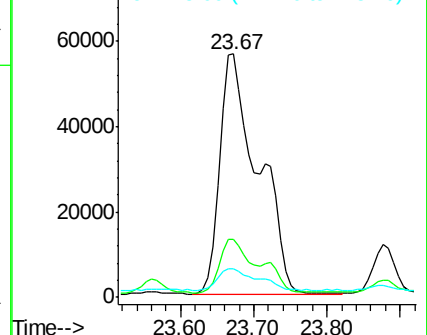
125 11.5 0.0 35.0



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: 9.326 ng/ul

RT: 23.67 min Scan# 3927

Delta R.T. -0.05 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

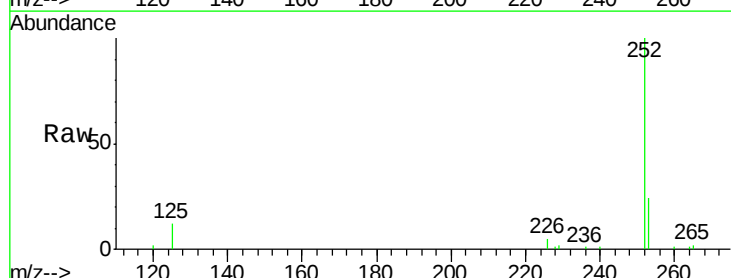
Tgt Ion:252 Resp: 201905

Ion Ratio Lower Upper

252 100

253 24.0 24.5 36.7#

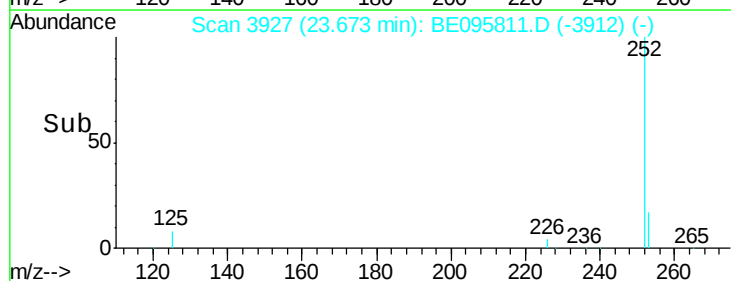
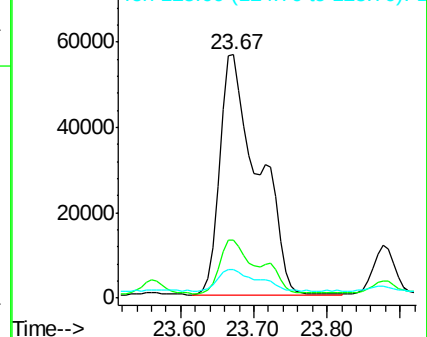
125 11.5 13.7 20.5#

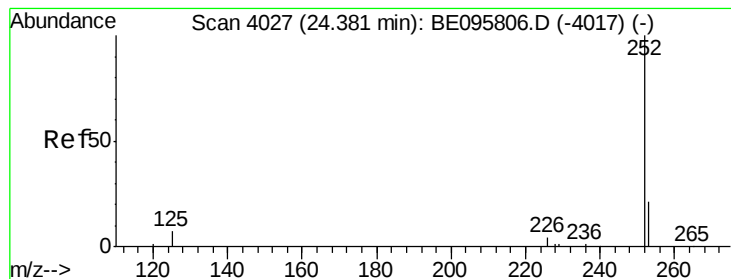


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 5.169 ng/ul

RT: 24.38 min Scan# 4027

Delta R.T. -0.01 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

Instrument :

BNA_E

ClientSampleId :

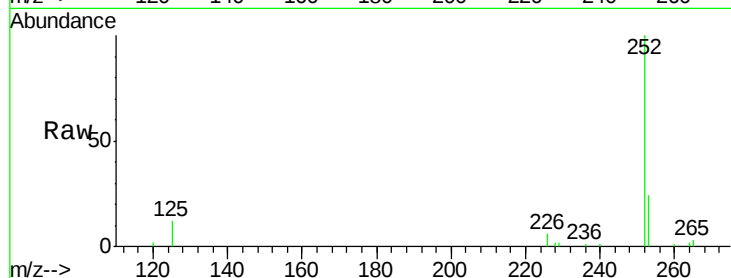
Tot Ion:252 Resp: 107474

Ion Ratio Lower Upper

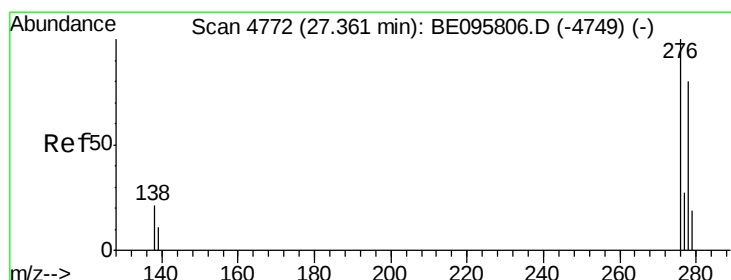
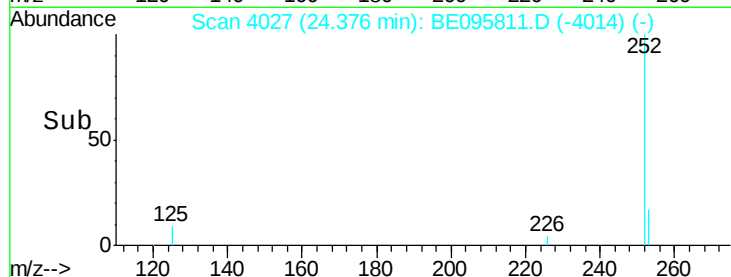
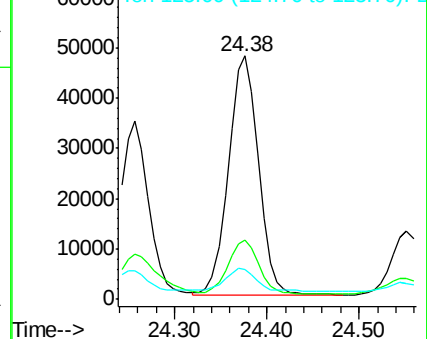
252 100

253 24.2 28.5 42.7#

125 12.1 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: 2.906 ng/ul

RT: 27.35 min Scan# 4770

Delta R.T. -0.01 min

Lab File: BE095811.D

Acq: 15 Mar 2018 19:40

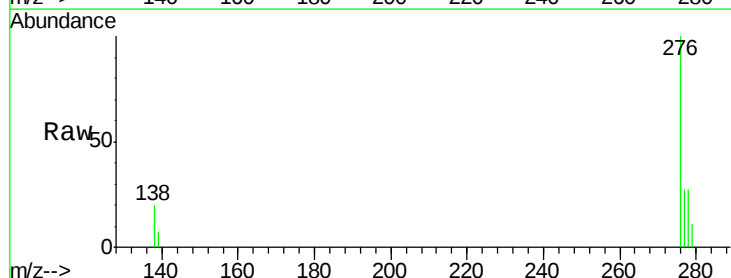
Tgt Ion:276 Resp: 67000

Ion Ratio Lower Upper

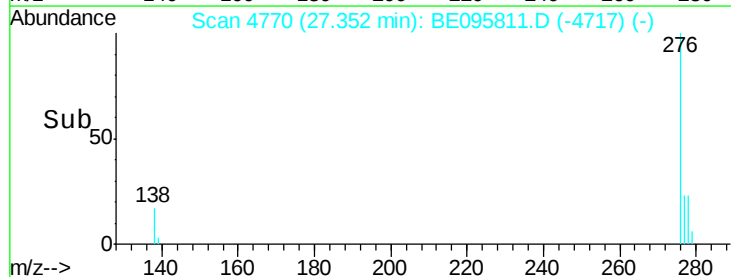
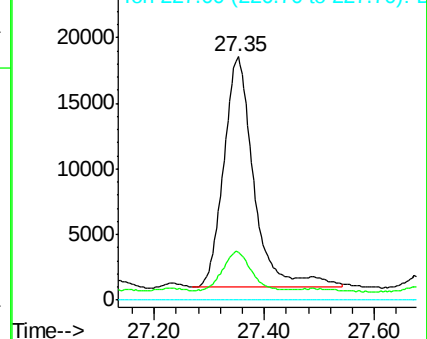
276 100

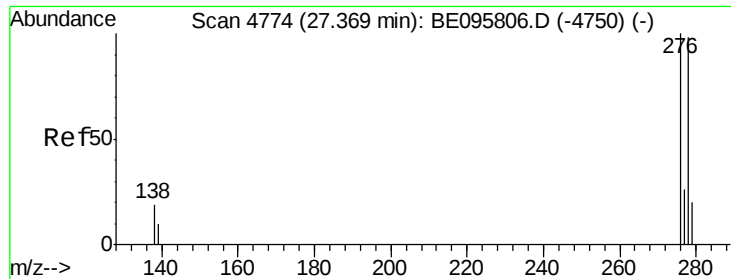
138 16.4 28.0 42.0#

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

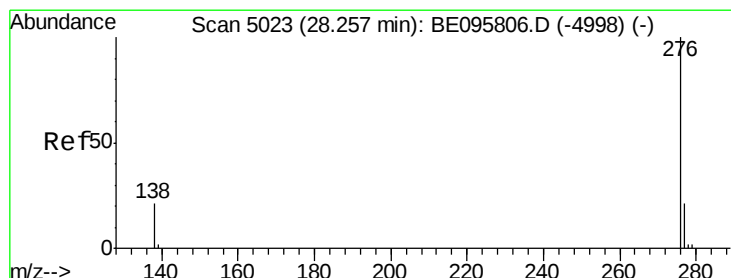
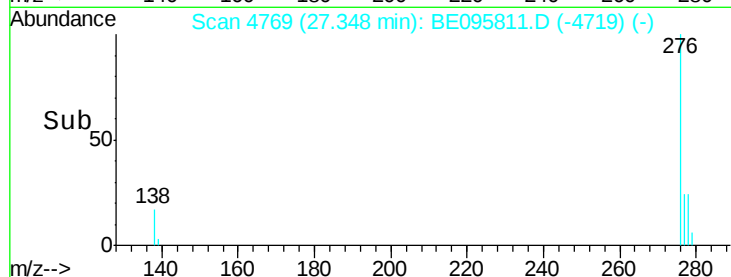
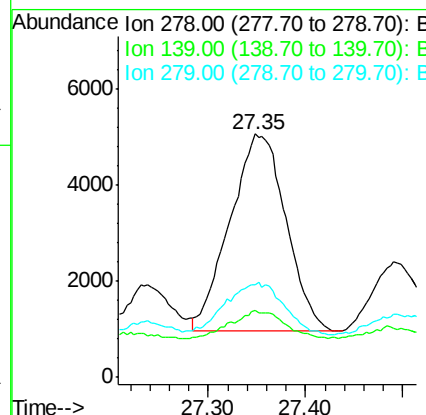
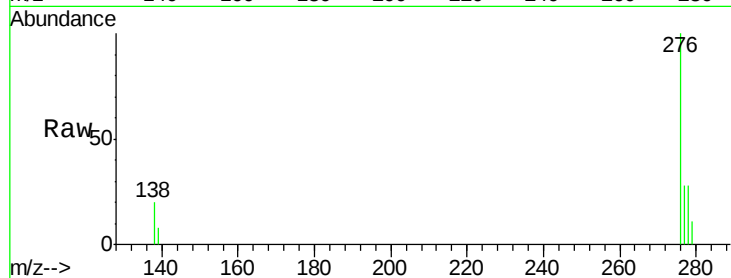




#25
Dibenzo(a,h)anthracene
Concen: 0.893 ng/ul
RT: 27.35 min Scan# 4769
Delta R.T. -0.02 min
Lab File: BE095811.D
Acq: 15 Mar 2018 19:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 16459
Ion Ratio Lower Upper
278 100
139 27.4 17.4 26.0#
279 38.1 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 2.776 ng/ul
RT: 28.25 min Scan# 5022
Delta R.T. -0.01 min
Lab File: BE095811.D
Acq: 15 Mar 2018 19:40

Tgt Ion:276 Resp: 54975
Ion Ratio Lower Upper
276 100
138 21.3 21.8 32.8#
277 28.6 20.5 30.7

