

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097883.D
 Acq On : 12 Oct 2018 12:19
 Operator : SJ/JU
 Sample : J5183-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 14:27:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 04:56:57 2018
 Response via : Initial Calibration

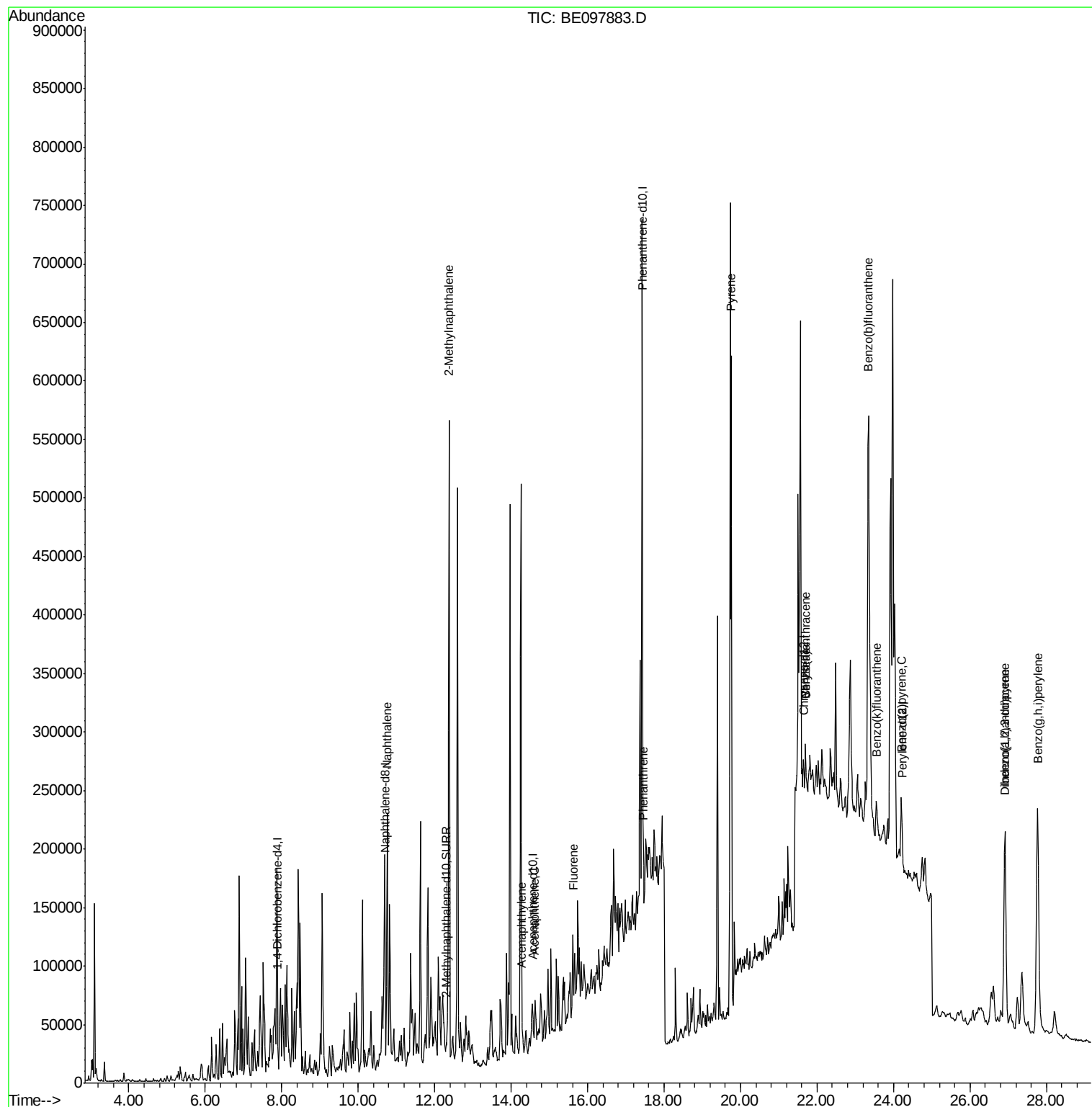
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2701	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11086	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	16428	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	675889	0.40	ng/ul	0.11
16) Chrysene-d12	21.66	240	2608	0.40	ng/ul	0.16
20) Perylene-d12	24.23	264	9489	0.40	ng/ul	0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	9882	0.52	ng/ul	0.00
14) Fluoranthene-d10	19.47	212	8932	0.00	ng/ul	0.13
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	299218	11.092	ng/ul#	47
5) 2-Methylnaphthalene	12.38	142	443424	22.723	ng/ul	99
7) Acenaphthylene	14.28	152	24013	0.386	ng/ul#	1
8) Acenaphthene	14.63	153	28943	0.600	ng/ul	93
9) Fluorene	15.62	166	35003	0.556	ng/ul#	70
12) Phenanthrene	17.46	178	32296	0.020	ng/ul#	33
17) Pyrene	19.76	202	624618	80.395	ng/ul	99
18) Benzo(a)anthracene	21.70	228	29134	3.695	ng/ul#	1
19) Chrysene	21.70	228	29134	4.112	ng/ul#	1
21) Benzo(b)fluoranthene	23.34	252	791144	31.196	ng/ul#	44
22) Benzo(k)fluoranthene	23.55	252	45995	1.694	ng/ul#	1
23) Benzo(a)pyrene	24.21	252	102402	4.113	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.91	276	380287	13.454	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.93	278	88835	3.803	ng/ul#	25
26) Benzo(g,h,i)perylene	27.77	276	599518	24.343	ng/ul#	93

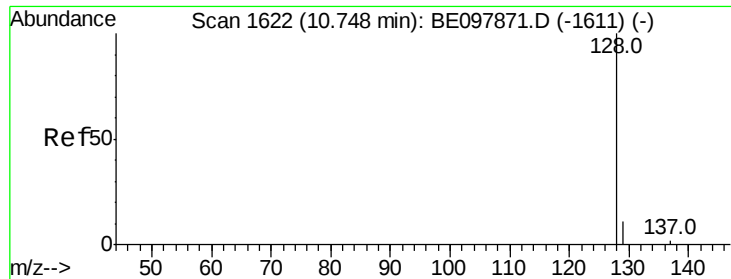
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 11.092 ng/ul

RT: 10.76 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

ClientSampleId :

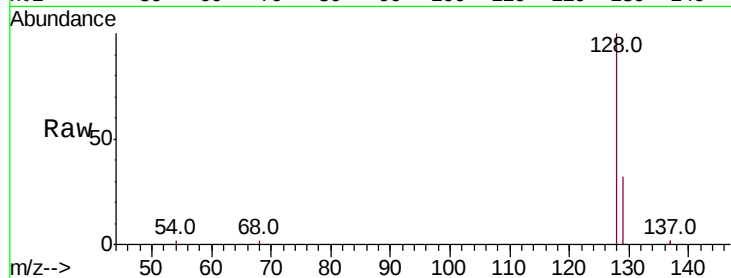
Tot Ion:128 Resp: 299218

Ion Ratio Lower Upper

128 100

129 31.8 9.1 13.7#

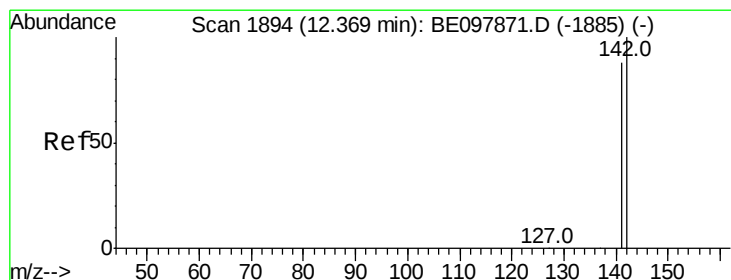
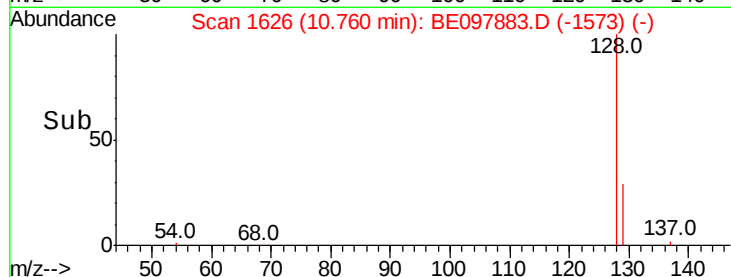
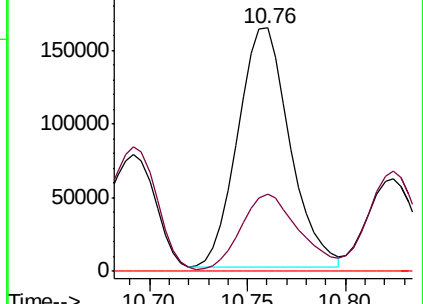
127 0.0 0.0 0.0



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: 22.723 ng/ul

RT: 12.38 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BE097883.D

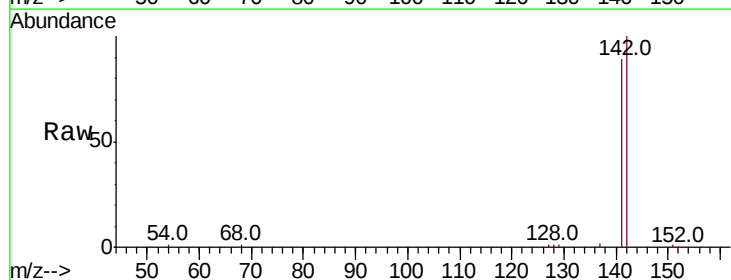
Acq: 12 Oct 2018 12:19

Tgt Ion:142 Resp: 443424

Ion Ratio Lower Upper

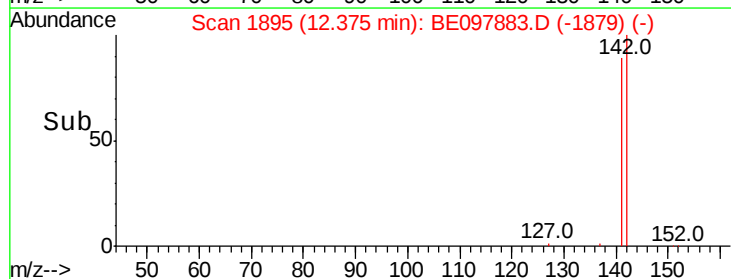
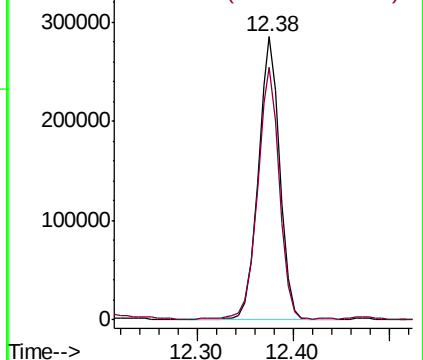
142 100

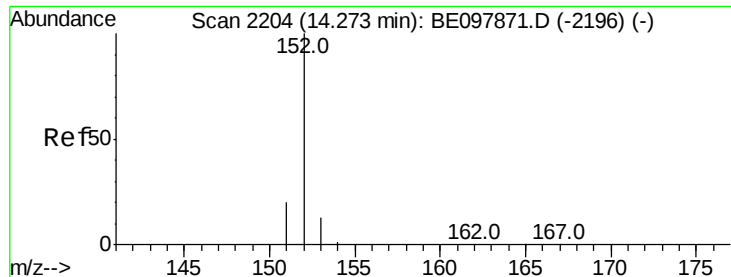
141 90.3 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.386 ng/ul

RT: 14.28 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

ClientSampleId :

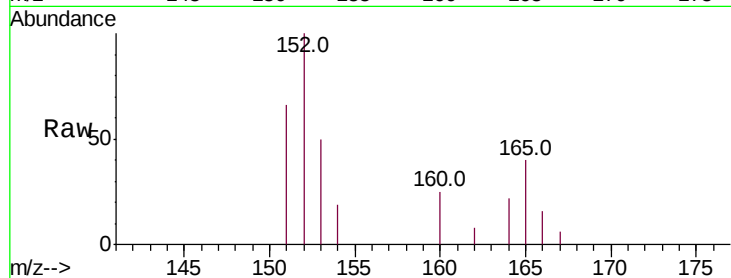
Tot Ion:152 Resp: 24013

Ion Ratio Lower Upper

152 100

151 66.0 15.0 22.6#

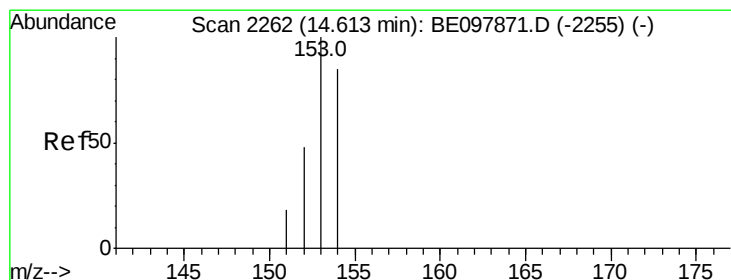
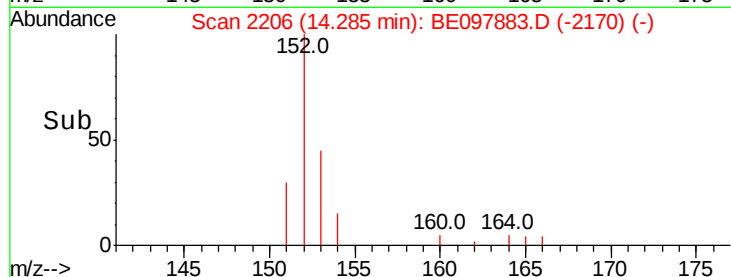
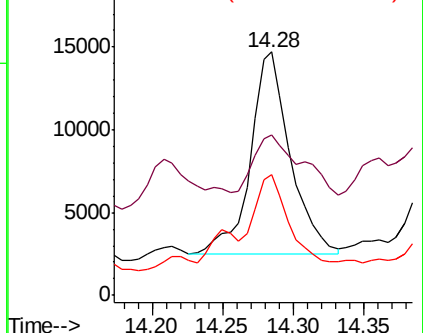
153 49.9 10.5 15.7#



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: 0.600 ng/ul

RT: 14.63 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

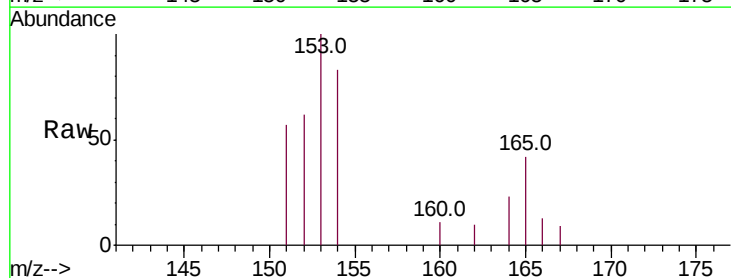
Tgt Ion:153 Resp: 28943

Ion Ratio Lower Upper

153 100

152 61.6 41.2 61.8

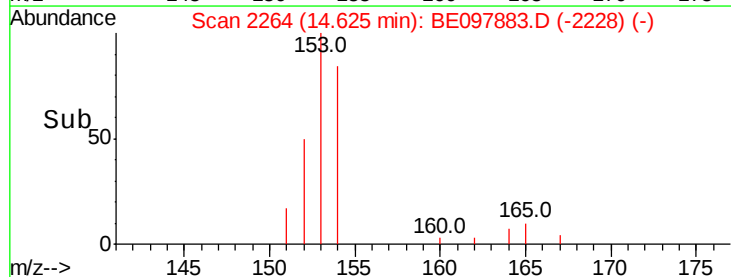
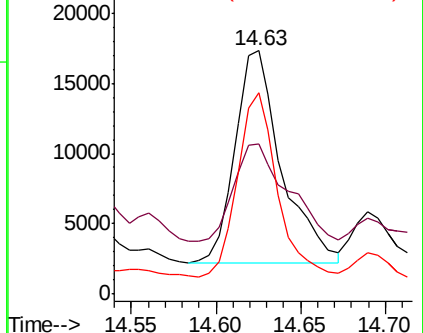
154 82.8 68.6 103.0

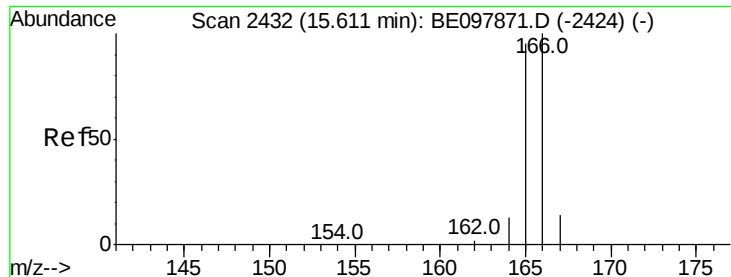


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

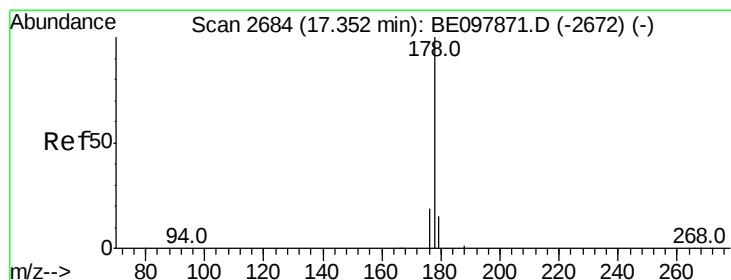
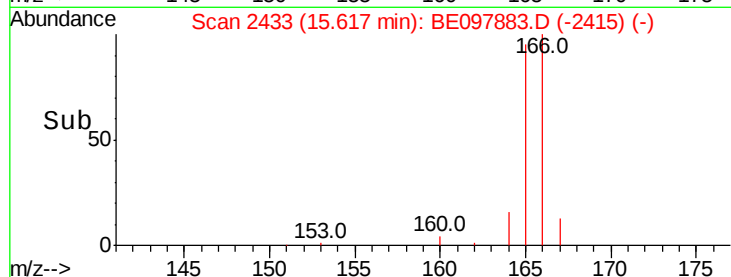
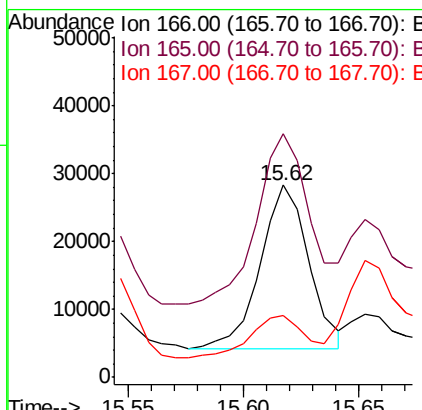
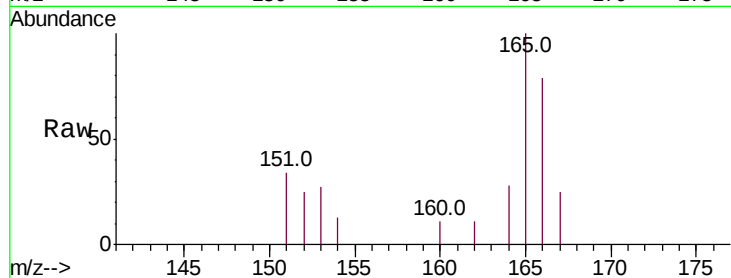




#9
Fluorene
 Concen: 0.556 ng/ul
 RT: 15.62 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BE097883.D
 Acq: 12 Oct 2018 12:19

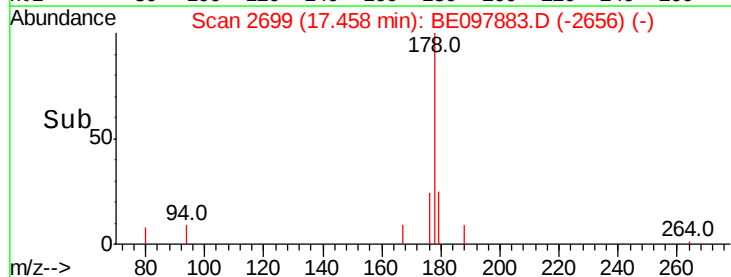
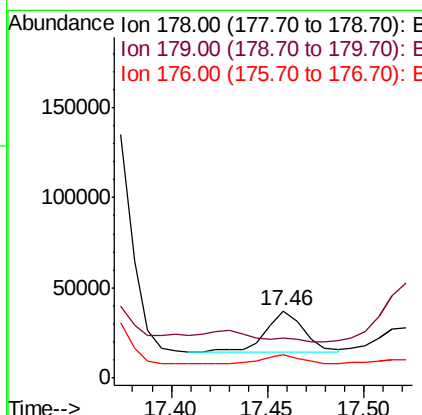
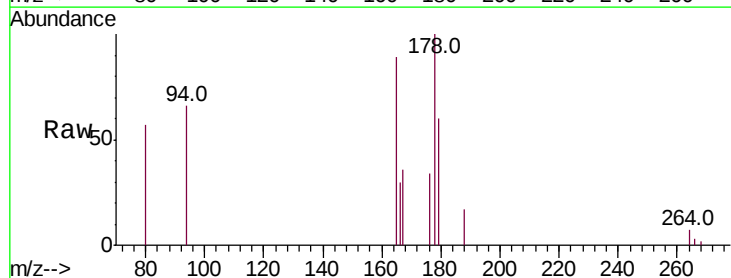
Instrument :
 BNA_E
 ClientSampleId :

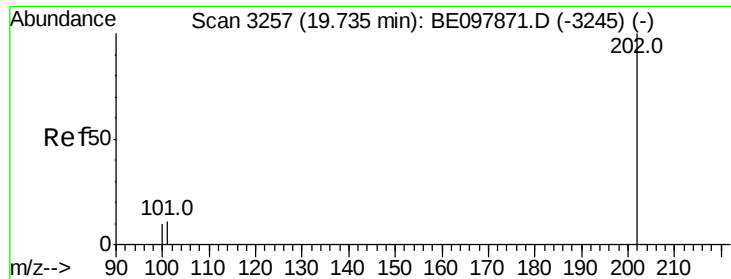
Tot Ion:166 Resp: 35003
 Ion Ratio Lower Upper
 166 100
 165 126.9 79.2 118.8#
 167 31.9 11.3 16.9#



#12
Phenanthrene
 Concen: 0.020 ng/ul
 RT: 17.46 min Scan# 2699
 Delta R.T. 0.11 min
 Lab File: BE097883.D
 Acq: 12 Oct 2018 12:19

Tgt Ion:178 Resp: 32296
 Ion Ratio Lower Upper
 178 100
 179 60.4 12.8 19.2#
 176 34.4 14.9 22.3#

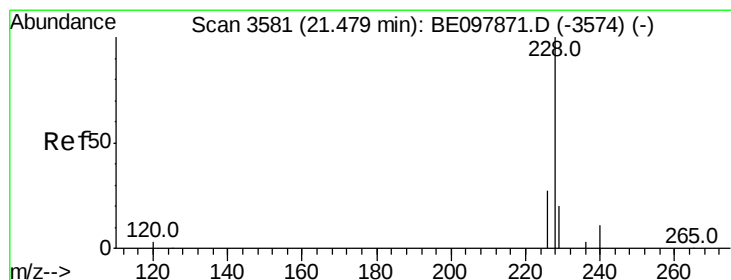
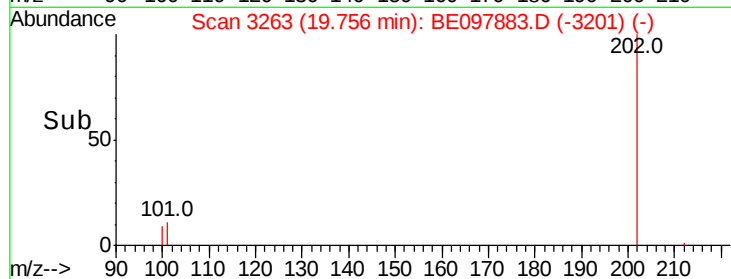
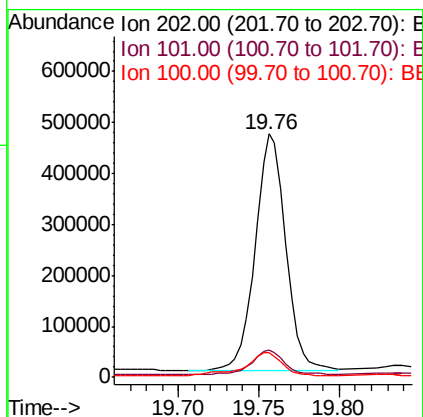
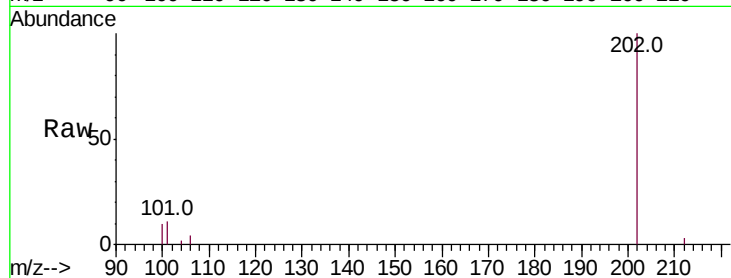




#17
Pvrene
Concen: 80.395 ng/ul
RT: 19.76 min Scan# 3263
Delta R.T. 0.02 min
Lab File: BE097883.D
Acq: 12 Oct 2018 12:19

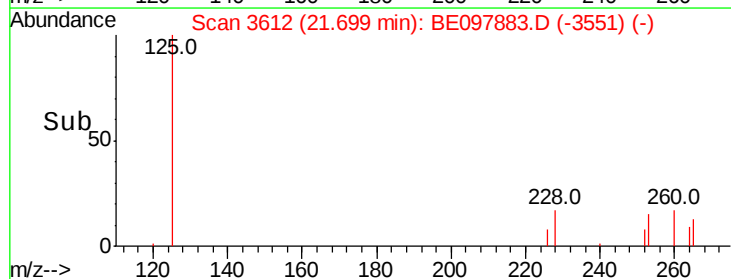
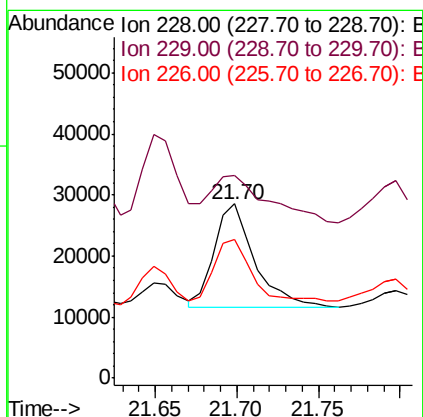
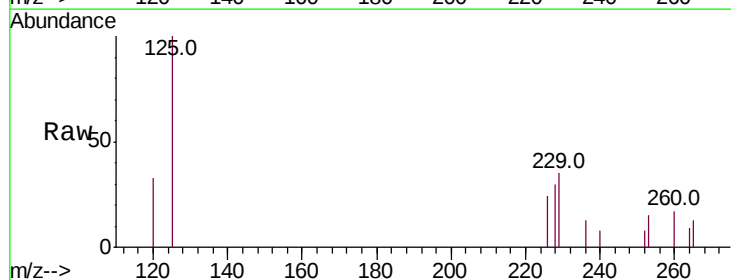
Instrument :
BNA_E
ClientSampleId :

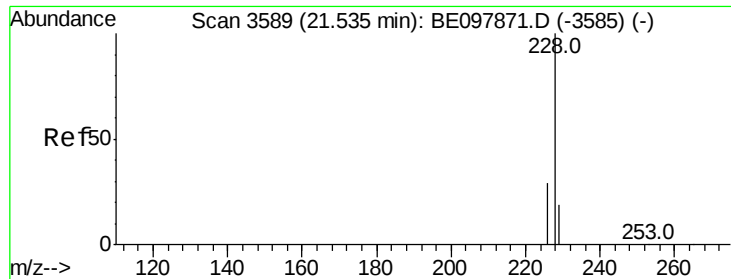
Tot Ion:202 Resp: 624618
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 10.1 7.9 11.9



#18
Benzo(a)anthracene
Concen: 3.695 ng/ul
RT: 21.70 min Scan# 3612
Delta R.T. 0.22 min
Lab File: BE097883.D
Acq: 12 Oct 2018 12:19

Tgt Ion:228 Resp: 29134
Ion Ratio Lower Upper
228 100
229 116.7 16.4 24.6#
226 79.9 21.5 32.3#





#19

Chrysene

Concen: 4.112 ng/ul

RT: 21.70 min Scan# 3612

Delta R.T. 0.16 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

ClientSampleId :

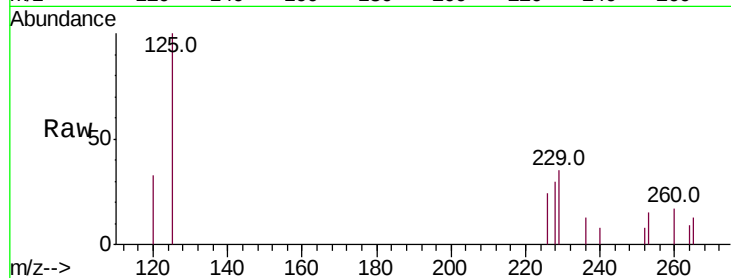
Tot Ion:228 Resp: 29134

Ion Ratio Lower Upper

228 100

226 79.9 23.0 34.4#

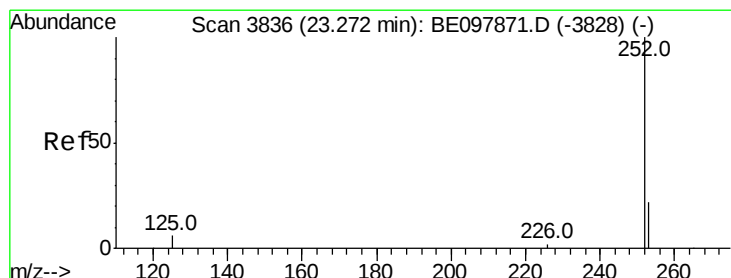
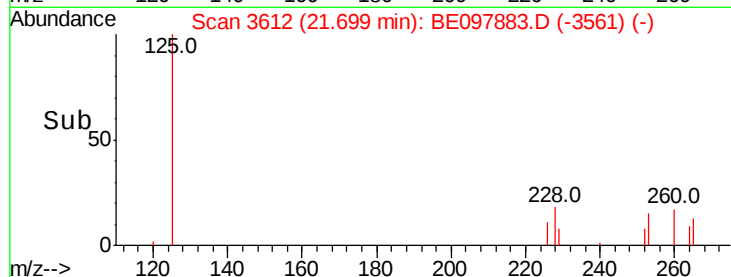
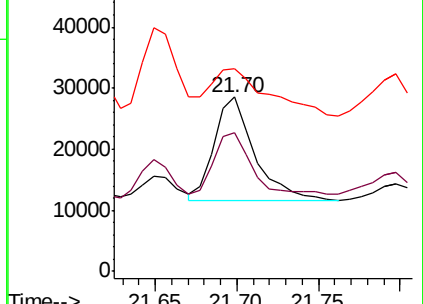
229 116.7 15.5 23.3#



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: 31.196 ng/ul

RT: 23.34 min Scan# 3846

Delta R.T. 0.07 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

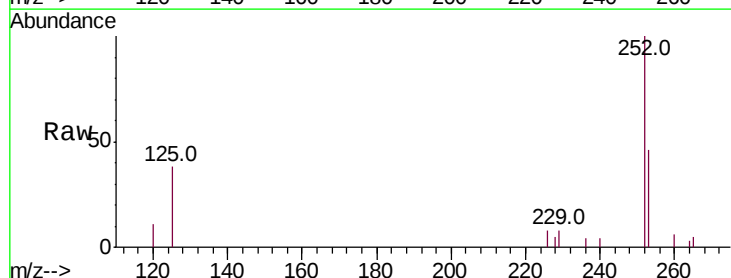
Tgt Ion:252 Resp: 791144

Ion Ratio Lower Upper

252 100

253 46.3 0.0 47.0

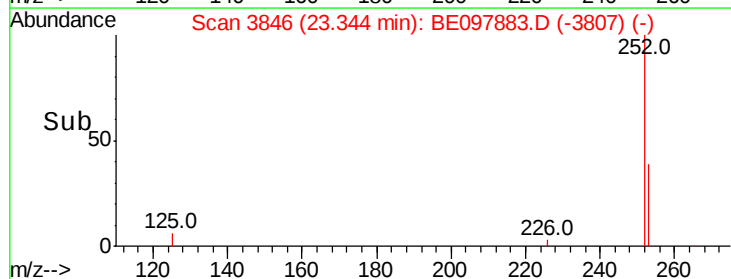
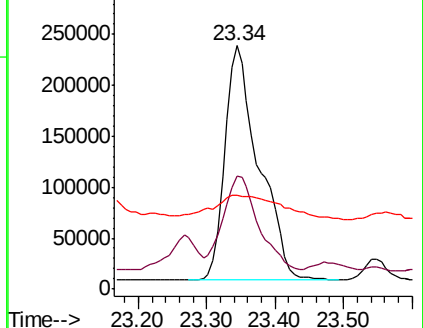
125 38.4 0.0 18.2#

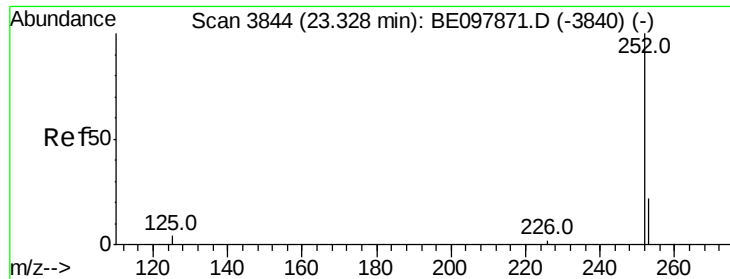


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.694 ng/ul

RT: 23.55 min Scan# 3875

Delta R.T. 0.22 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

ClientSampled :

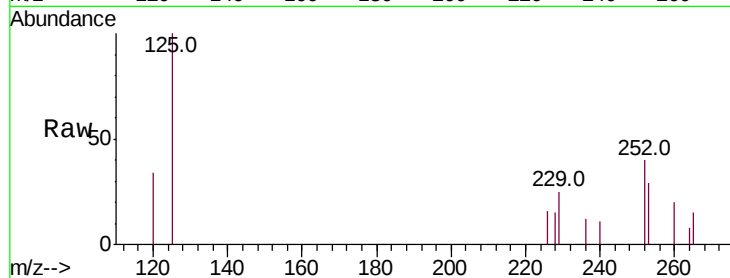
Tot Ion:252 Resp: 45995

Ion Ratio Lower Upper

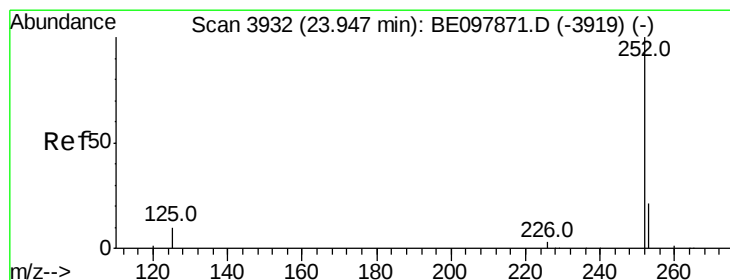
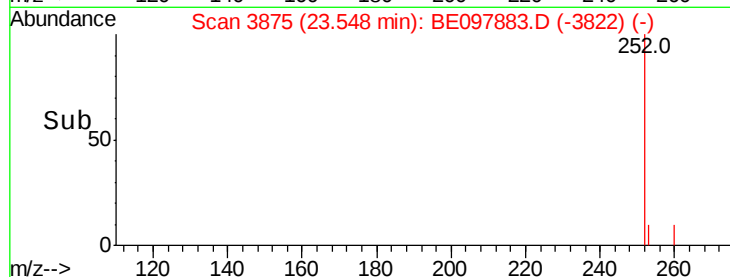
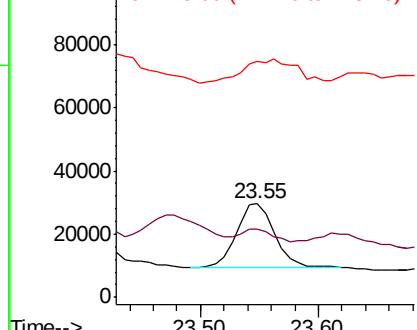
252 100

253 73.5 17.8 26.6#

125 251.2 9.4 14.0#



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



#23

Benzo(a)pyrene

Concen: 4.113 ng/ul

RT: 24.21 min Scan# 3969

Delta R.T. 0.26 min

Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

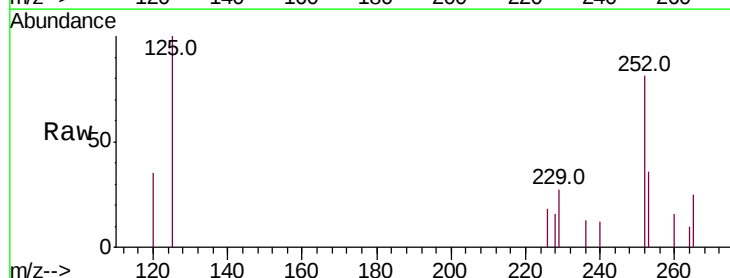
Tgt Ion:252 Resp: 102402

Ion Ratio Lower Upper

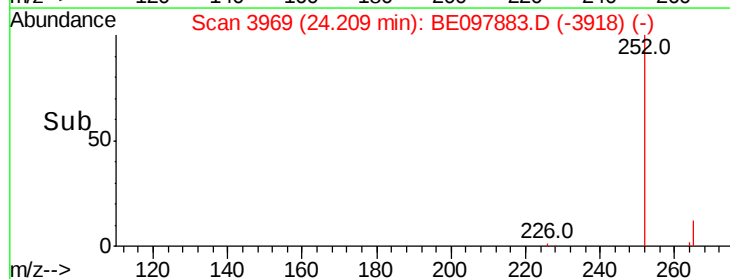
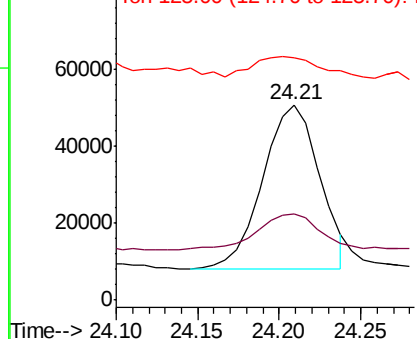
252 100

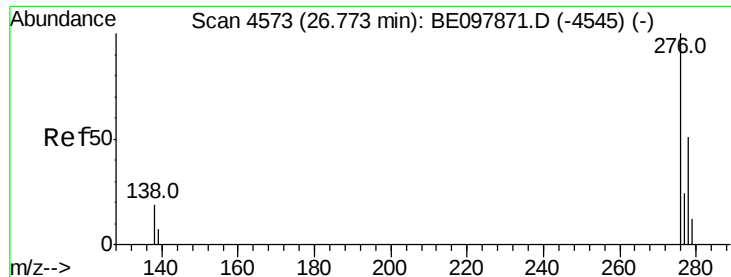
253 44.5 18.2 27.4#

125 124.0 8.3 12.5#



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



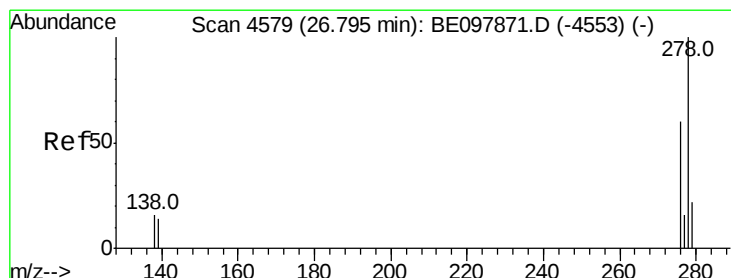
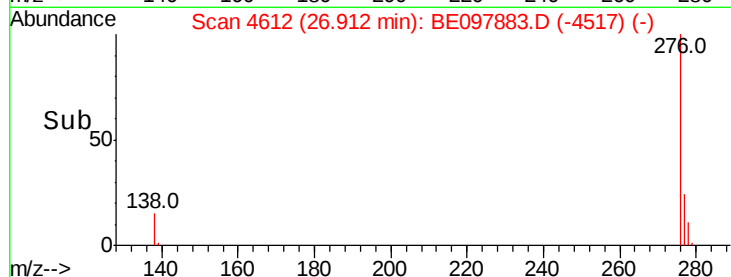
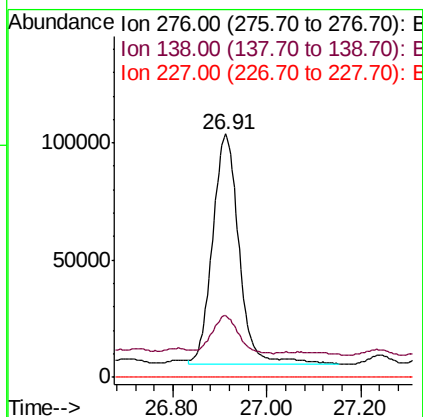
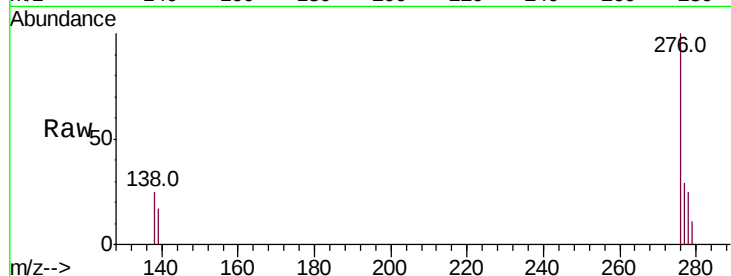


#24

Indeno(1,2,3-cd)pyrene
Concen: 13.454 ng/ul
RT: 26.91 min Scan# 4612
Delta R.T. 0.14 min
Lab File: BE097883.D
Acq: 12 Oct 2018 12:19

Instrument :
BNA_E
ClientSampleId :

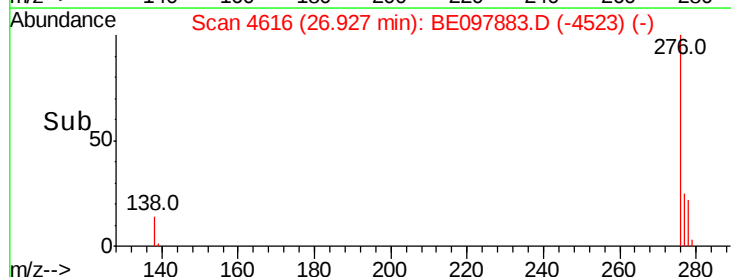
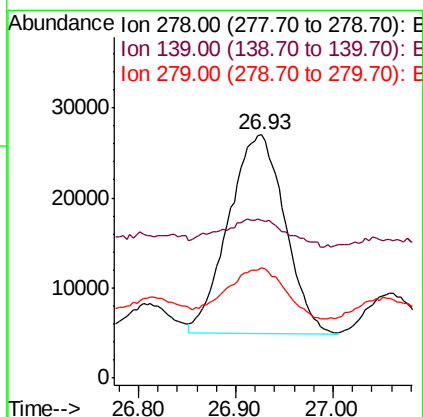
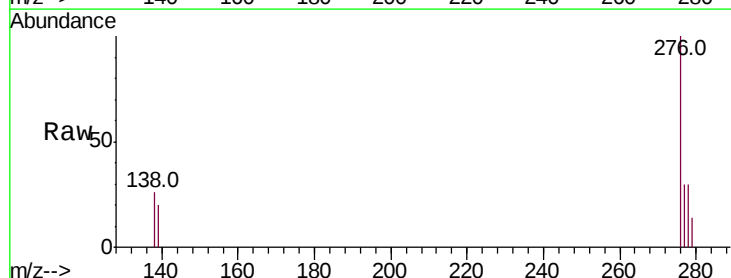
Tot Ion:276 Resp: 380287
Ion Ratio Lower Upper
276 100
138 16.7 0.0 0.0#
227 0.0 0.0 0.0

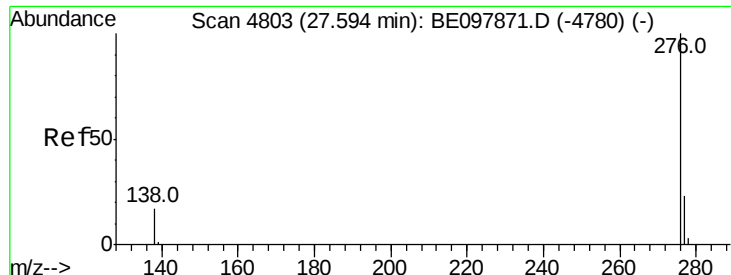


#25

Dibenzo(a,h)anthracene
Concen: 3.803 ng/ul
RT: 26.93 min Scan# 4616
Delta R.T. 0.13 min
Lab File: BE097883.D
Acq: 12 Oct 2018 12:19

Tgt Ion:278 Resp: 88835
Ion Ratio Lower Upper
278 100
139 64.8 10.9 16.3#
279 45.6 18.8 28.2#





#26

Benzo(a,h,i)perylene

Concen: 24.343 ng/ul

RT: 27.77 min Scan# 4852

Delta R.T. 0.17 min

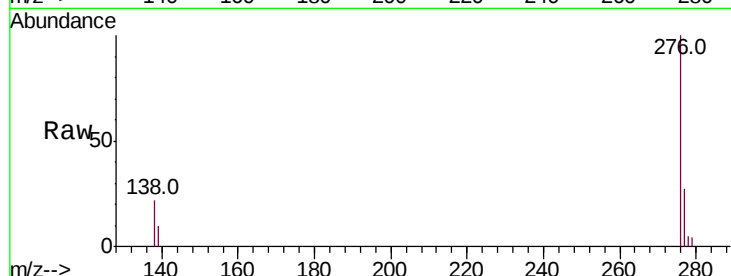
Lab File: BE097883.D

Acq: 12 Oct 2018 12:19

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 599518

Ion Ratio Lower Upper

276 100

138 22.0 14.3 21.5#

277 27.2 19.5 29.3

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

