

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097885.D
 Acq On : 12 Oct 2018 13:33
 Operator : SJ/JU
 Sample : J5183-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 14:28:03 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

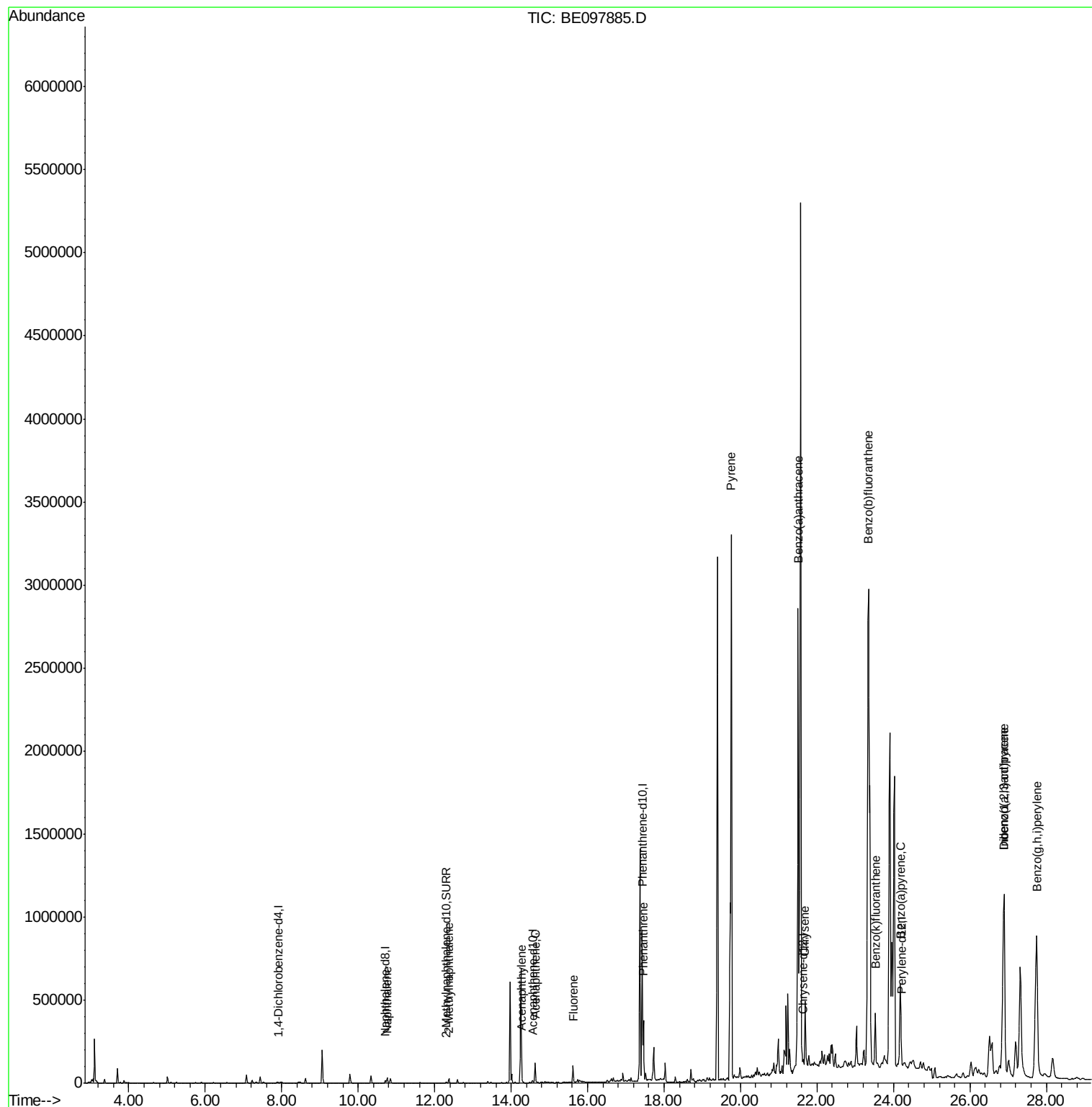
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2755	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13628	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	9940	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	1028106	0.40	ng/ul	0.11
16) Chrysene-d12	21.65	240	2379	0.40	ng/ul	0.15
20) Perylene-d12	24.21	264	13521	0.40	ng/ul	0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	7081	0.31	ng/ul	0.01
14) Fluoranthene-d10	19.46	212	2937	0.00	ng/ul	0.12
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	45454	1.371	ng/ul	99
5) 2-Methylnaphthalene	12.38	142	23145	0.965	ng/ul	99
7) Acenaphthylene	14.28	152	22002	0.585	ng/ul#	91
8) Acenaphthene	14.63	153	69148	2.370	ng/ul	97
9) Fluorene	15.62	166	63054	1.656	ng/ul	99
12) Phenanthrene	17.46	178	375979	0.154	ng/ul	99
17) Pyrene	19.76	202	4132830	583.145	ng/ul	96
18) Benzo(a)anthracene	21.51	228	2888502	401.568	ng/ul	94
19) Chrysene	21.69	228	315164	48.765	ng/ul#	54
21) Benzo(b)fluoranthene	23.34	252	8127096	224.899	ng/ul	98
22) Benzo(k)fluoranthene	23.53	252	442758	11.446	ng/ul#	82
23) Benzo(a)pyrene	24.18	252	766714	21.610	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.89	276	2486963	61.748	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.90	278	676819	20.333	ng/ul	94
26) Benzo(g,h,i)perylene	27.75	276	2567510	73.163	ng/ul	100

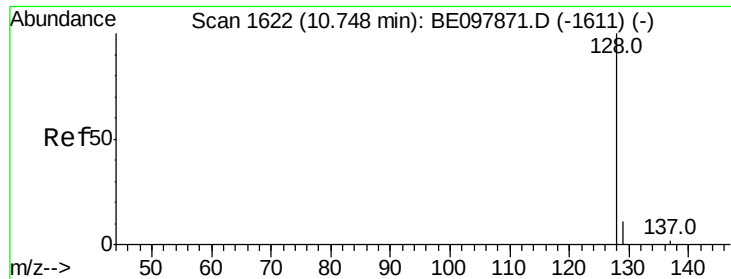
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
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Quant Time: Oct 12 14:28:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
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#3

Naphthalene

Concen: 1.371 ng/ul

RT: 10.76 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BE097885.D

Acq: 12 Oct 2018 13:33

Instrument :

BNA_E

ClientSampleId :

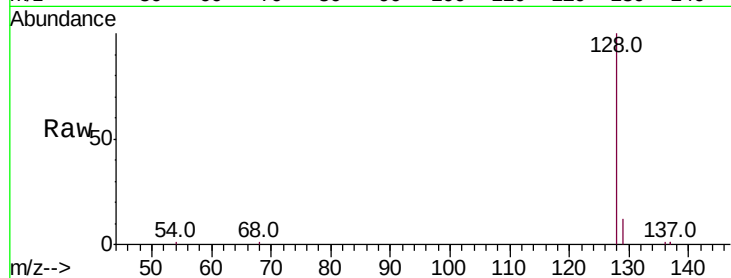
Tot Ion:128 Resp: 45454

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

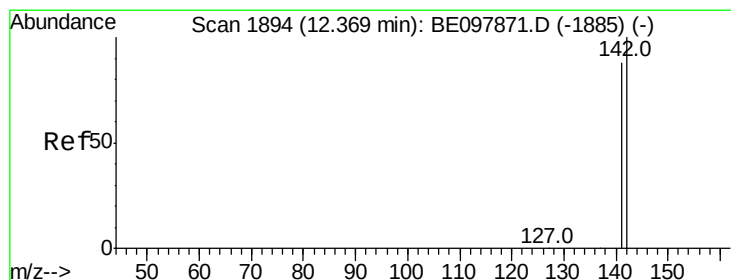
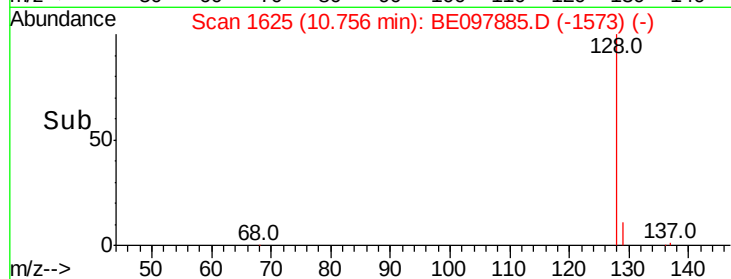
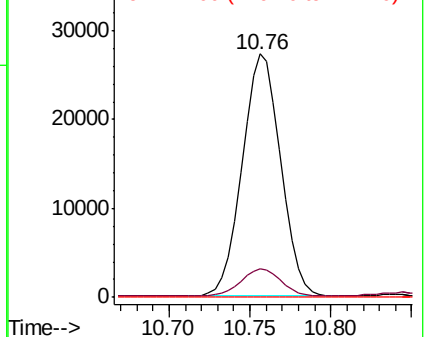
127 0.0 0.0 0.0



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: 0.965 ng/ul

RT: 12.38 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BE097885.D

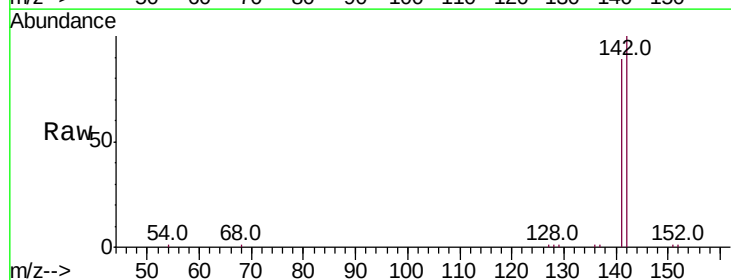
Acq: 12 Oct 2018 13:33

Tgt Ion:142 Resp: 23145

Ion Ratio Lower Upper

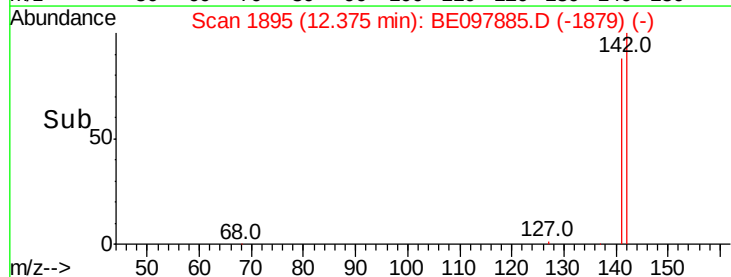
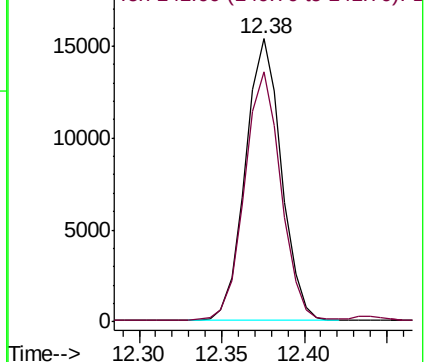
142 100

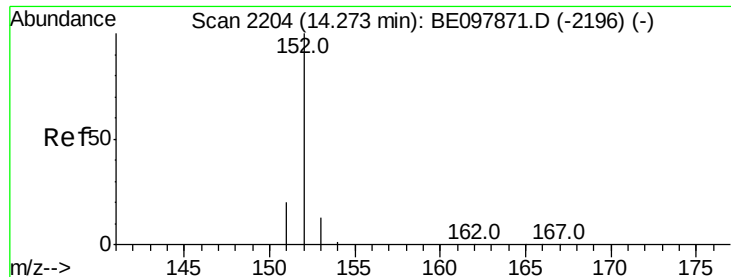
141 88.4 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.585 ng/ul

RT: 14.28 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BE097885.D

Acq: 12 Oct 2018 13:33

Instrument :

BNA_E

ClientSampled :

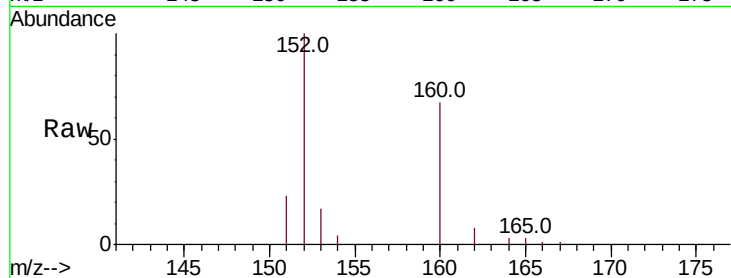
Tot Ion:152 Resp: 22002

Ion Ratio Lower Upper

152 100

151 22.7 15.0 22.6#

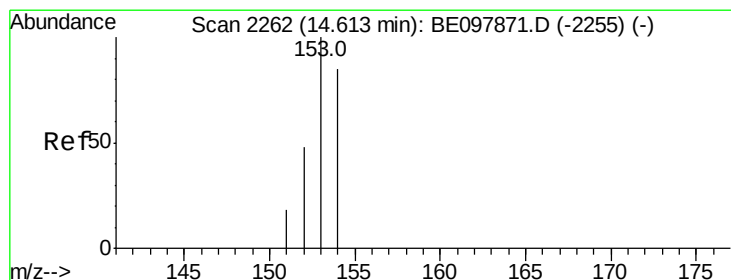
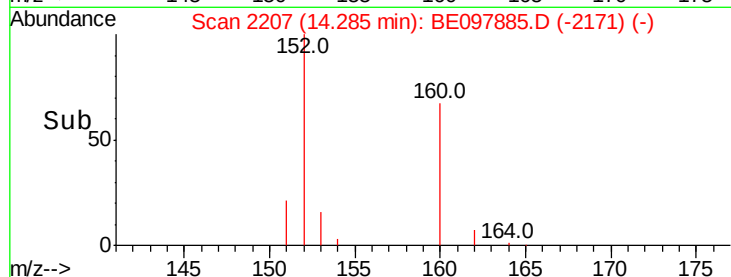
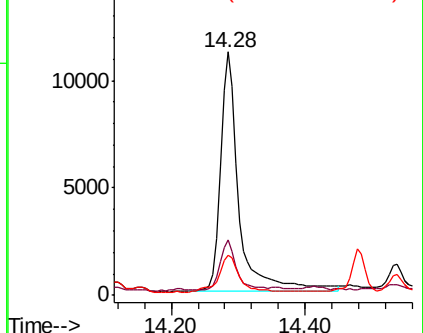
153 16.7 10.5 15.7#



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: 2.370 ng/ul

RT: 14.63 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BE097885.D

Acq: 12 Oct 2018 13:33

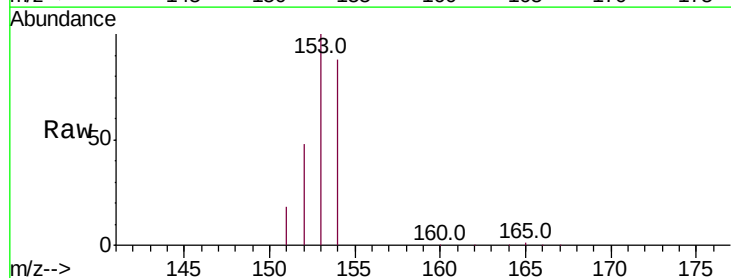
Tgt Ion:153 Resp: 69148

Ion Ratio Lower Upper

153 100

152 48.1 41.2 61.8

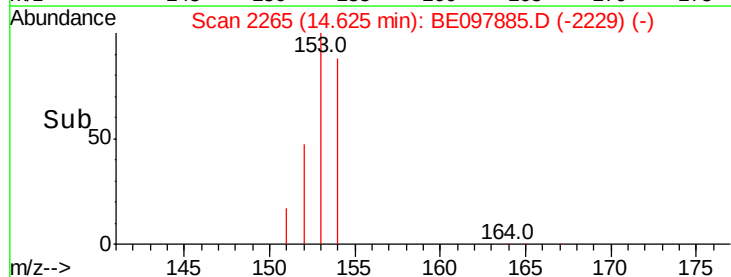
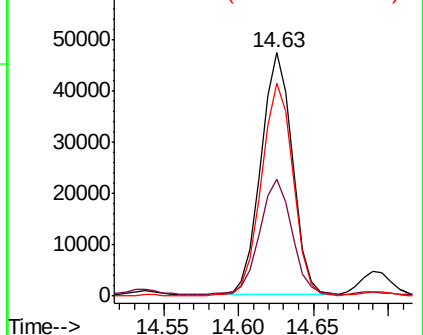
154 87.6 68.6 103.0

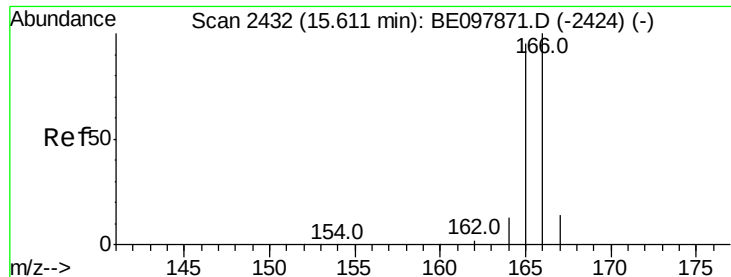


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

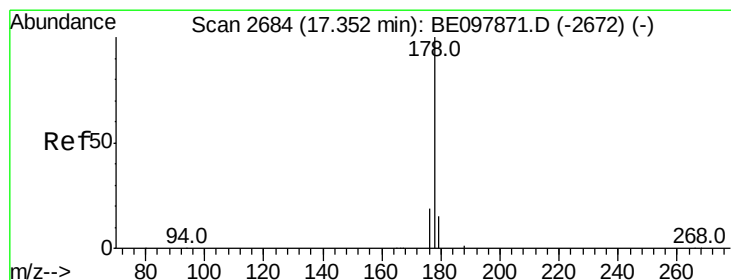
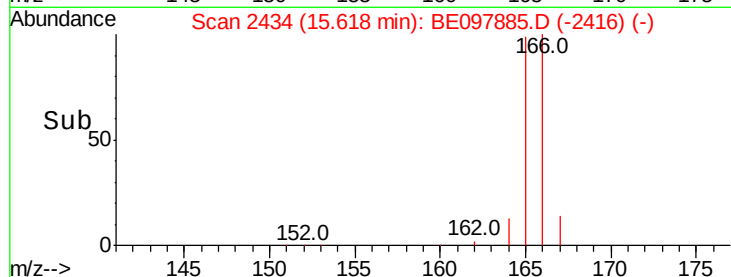
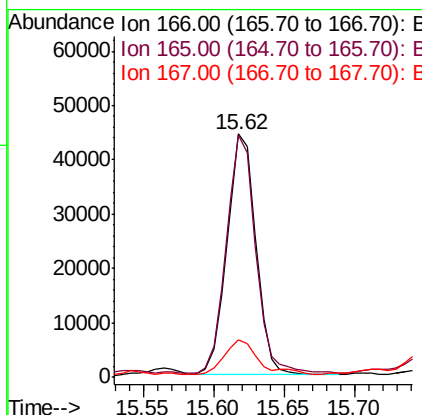
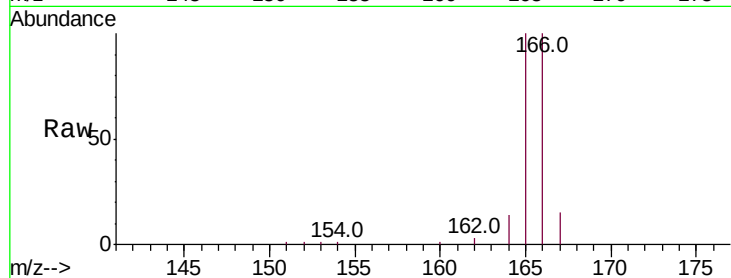




#9
Fluorene
 Concen: 1.656 ng/ul
 RT: 15.62 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BE097885.D
 Acq: 12 Oct 2018 13:33

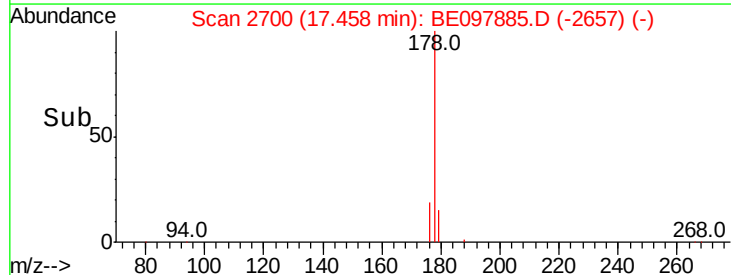
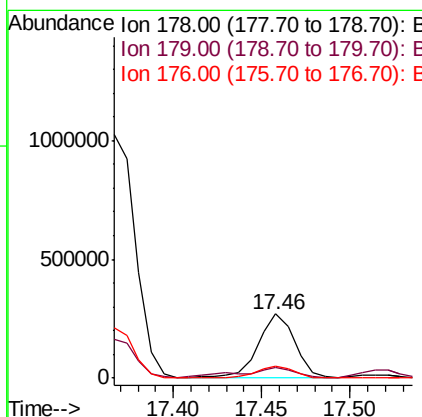
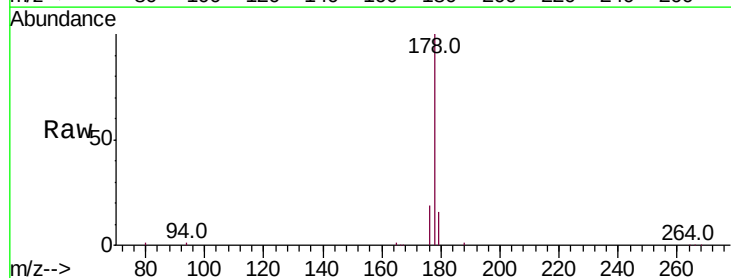
Instrument :
 BNA_E
 ClientSampled :

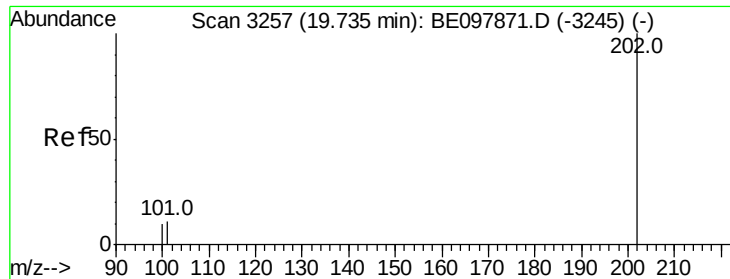
Tot Ion:166 Resp: 63054
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.2 118.8
 167 15.3 11.3 16.9



#12
Phenanthrene
 Concen: 0.154 ng/ul
 RT: 17.46 min Scan# 2700
 Delta R.T. 0.11 min
 Lab File: BE097885.D
 Acq: 12 Oct 2018 13:33

Tgt Ion:178 Resp: 375979
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.8 19.2
 176 19.3 14.9 22.3

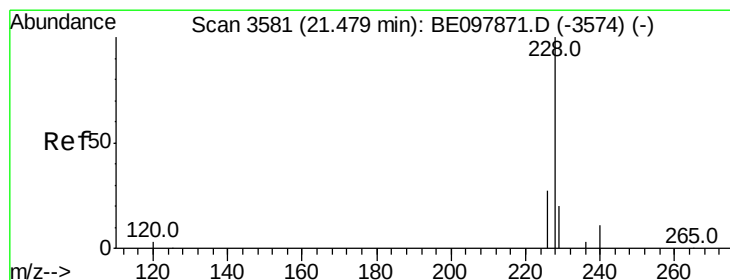
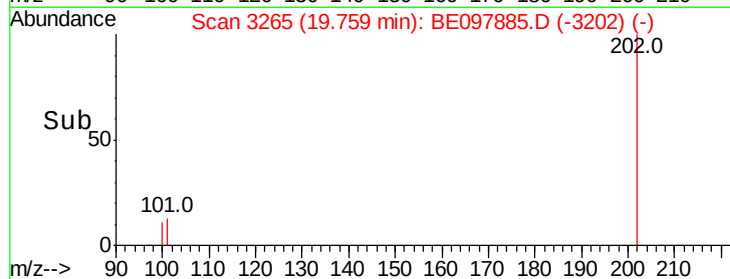
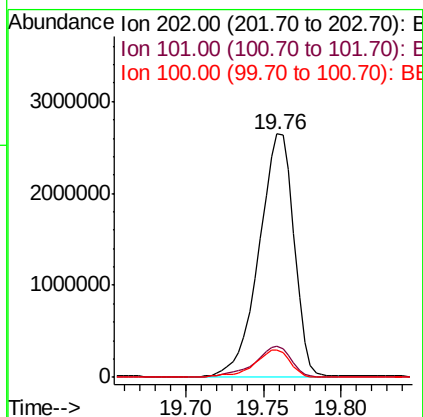
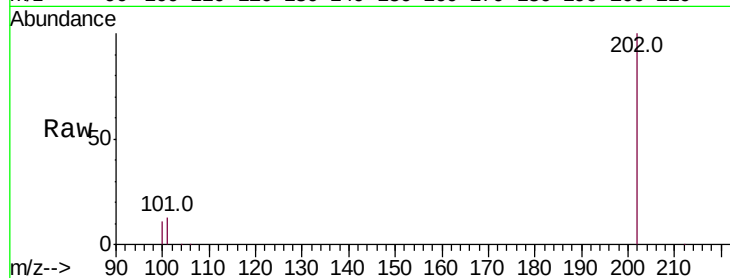




#17
Pvrene
Concen: 583.145 ng/ul
RT: 19.76 min Scan# 3265
Delta R.T. 0.02 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

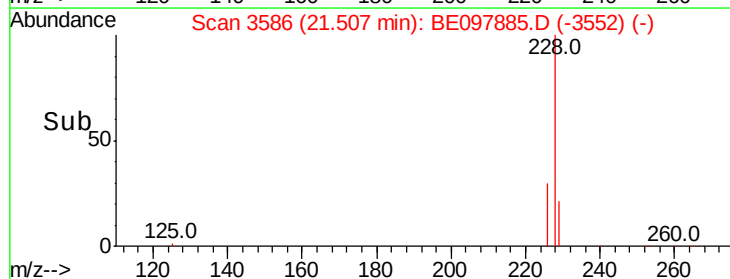
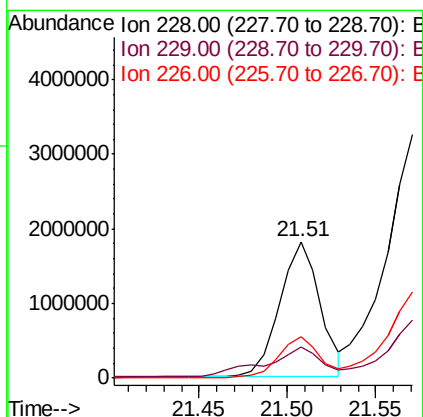
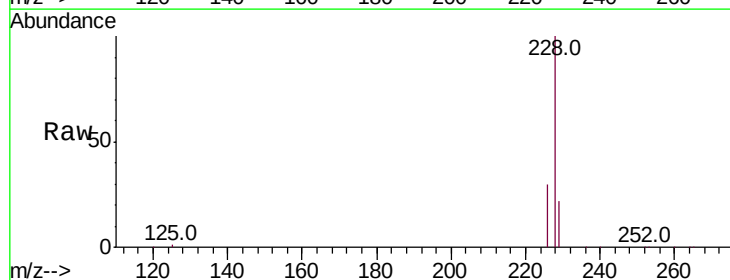
Instrument :
BNA_E
ClientSampleId :

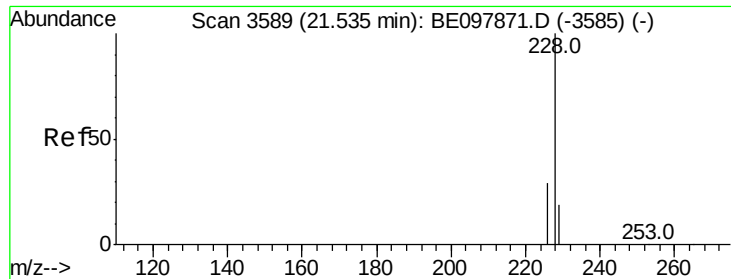
Tot Ion:202 Resp: 4132830
Ion Ratio Lower Upper
202 100
101 12.8 8.8 13.2
100 11.4 7.9 11.9



#18
Benzo(a)anthracene
Concen: 401.568 ng/ul
RT: 21.51 min Scan# 3586
Delta R.T. 0.03 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:228 Resp: 2888502
Ion Ratio Lower Upper
228 100
229 22.4 16.4 24.6
226 30.5 21.5 32.3





#19

Chrysene

Concen: 48.765 ng/ul

RT: 21.69 min Scan# 3612

Delta R.T. 0.15 min

Lab File: BE097885.D

Acq: 12 Oct 2018 13:33

Instrument :

BNA_E

ClientSampleId :

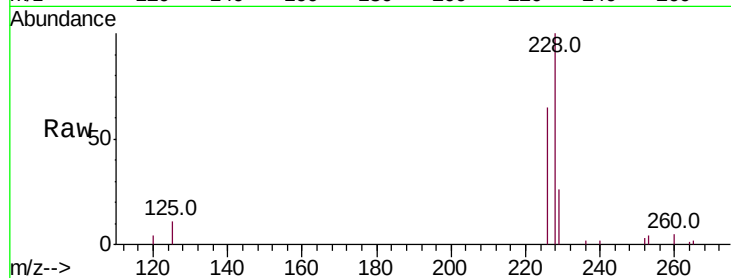
Tot Ion:228 Resp: 315164

Ion Ratio Lower Upper

228 100

226 64.5 23.0 34.4#

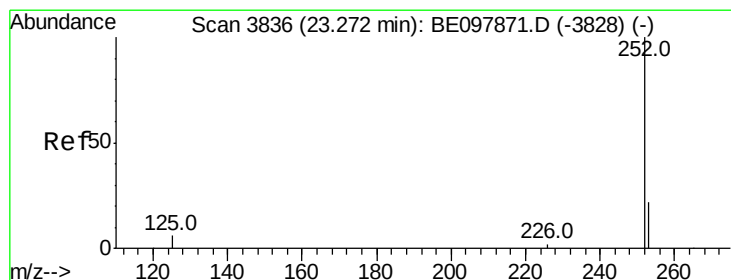
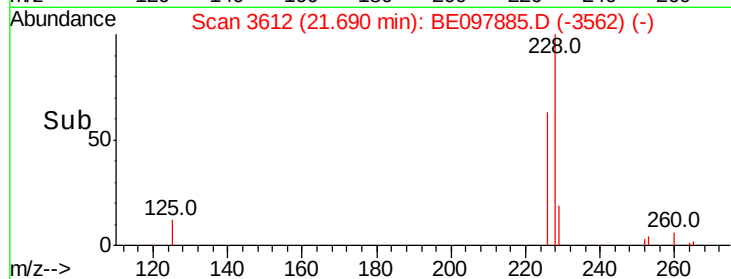
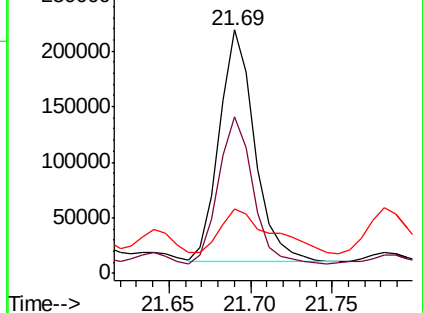
229 26.4 15.5 23.3#



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: 224.899 ng/ul

RT: 23.34 min Scan# 3847

Delta R.T. 0.07 min

Lab File: BE097885.D

Acq: 12 Oct 2018 13:33

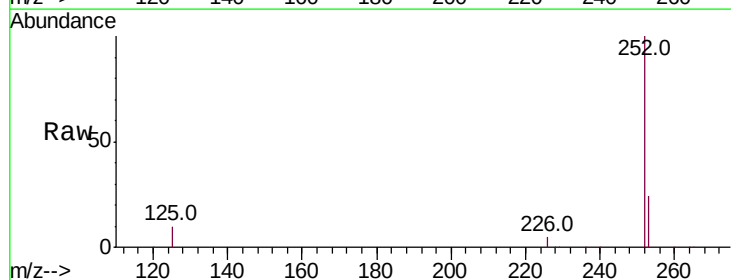
Tgt Ion:252 Resp: 8127096

Ion Ratio Lower Upper

252 100

253 24.2 0.0 47.0

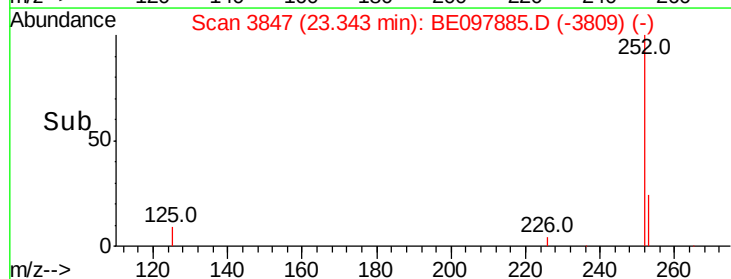
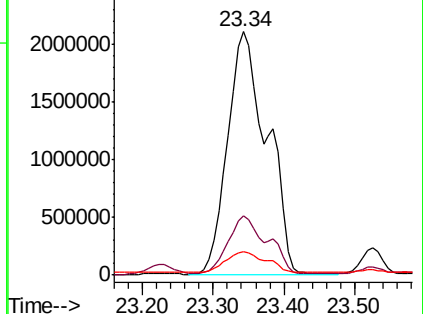
125 9.8 0.0 18.2

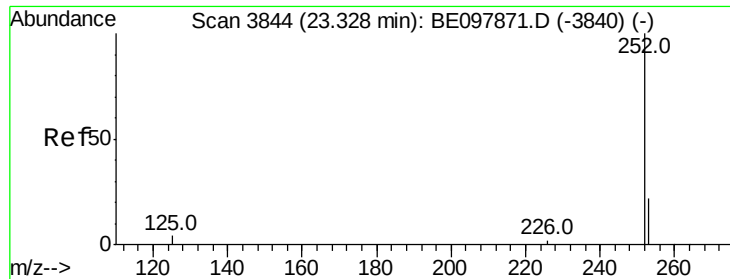


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

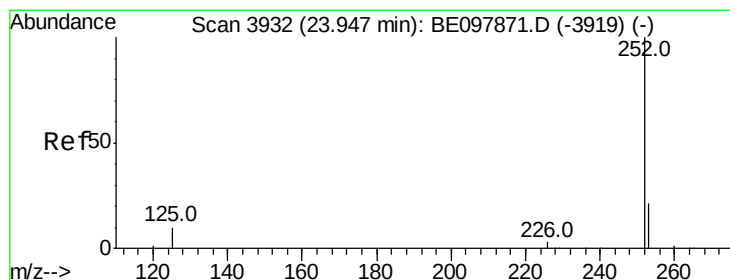
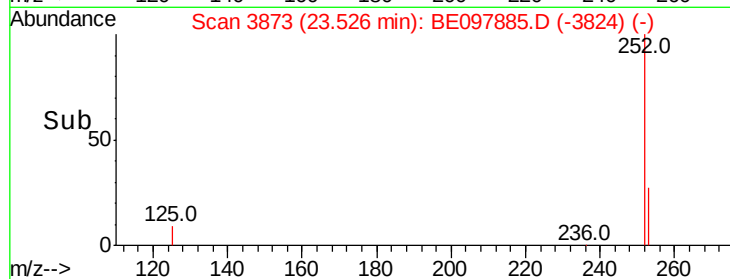
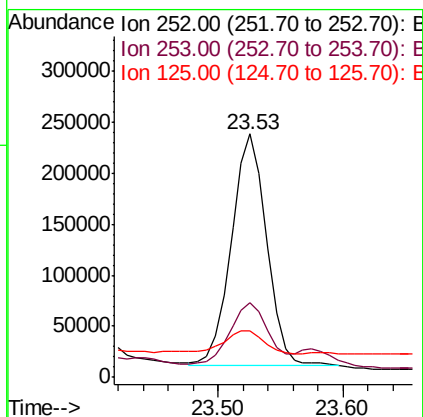
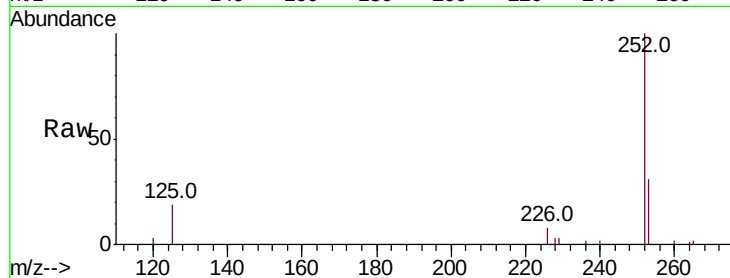




#22
Benzo(k)fluoranthene
Concen: 11.446 ng/ul
RT: 23.53 min Scan# 3873
Delta R.T. 0.20 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

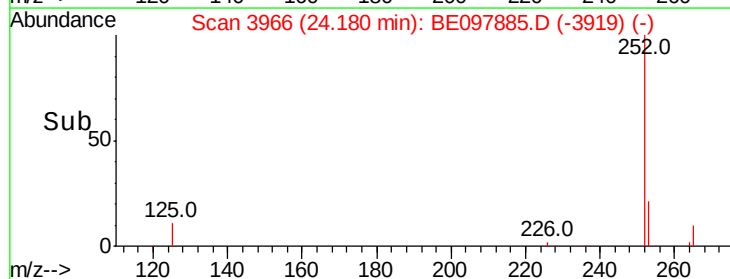
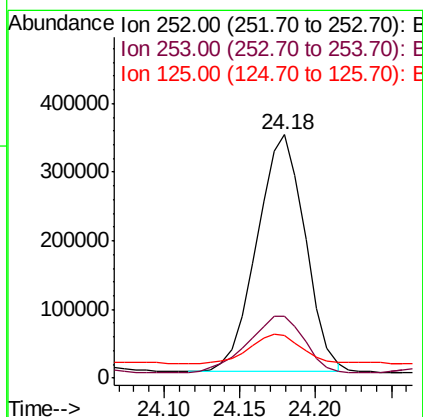
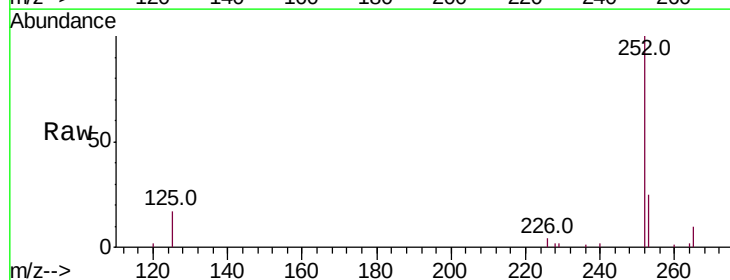
Instrument :
BNA_E
ClientSampleId :

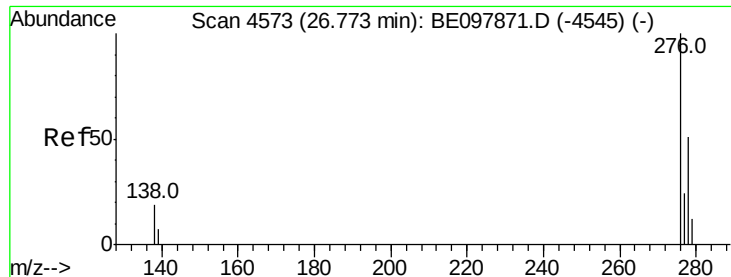
Tot Ion:252 Resp: 442758
Ion Ratio Lower Upper
252 100
253 30.5 17.8 26.6#
125 18.9 9.4 14.0#



#23
Benzo(a)pyrene
Concen: 21.610 ng/ul
RT: 24.18 min Scan# 3966
Delta R.T. 0.23 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:252 Resp: 766714
Ion Ratio Lower Upper
252 100
253 25.3 18.2 27.4
125 17.3 8.3 12.5#

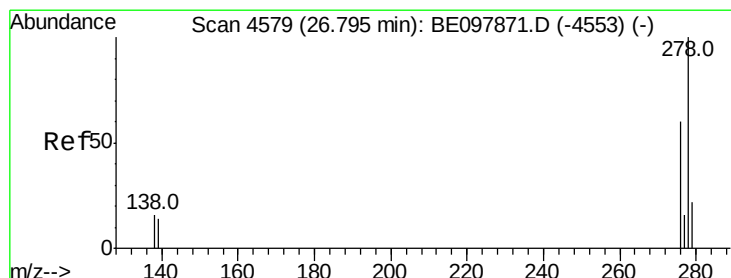
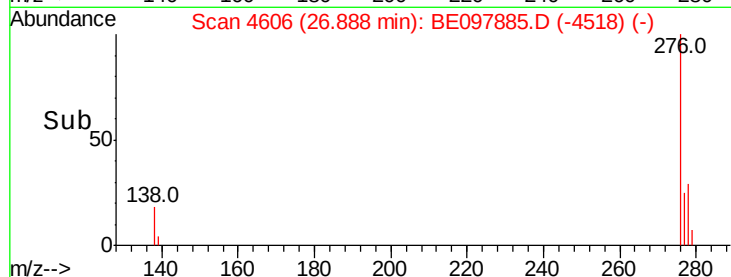
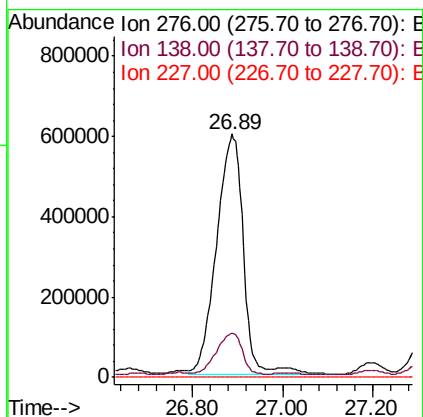
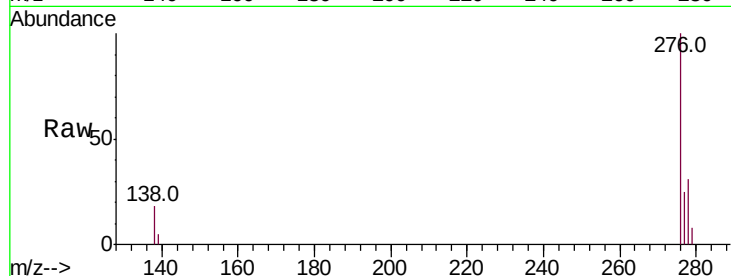




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 61.748 ng/ul
 RT: 26.89 min Scan# 4606
 Delta R.T. 0.11 min
 Lab File: BE097885.D
 Acq: 12 Oct 2018 13:33

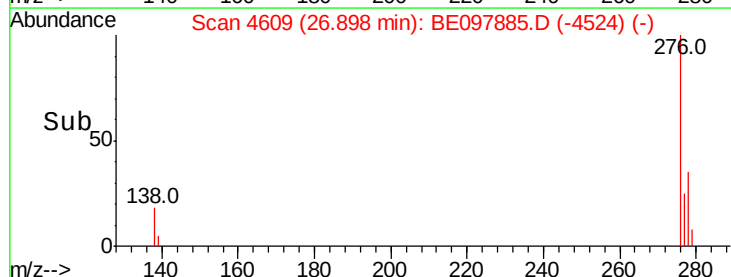
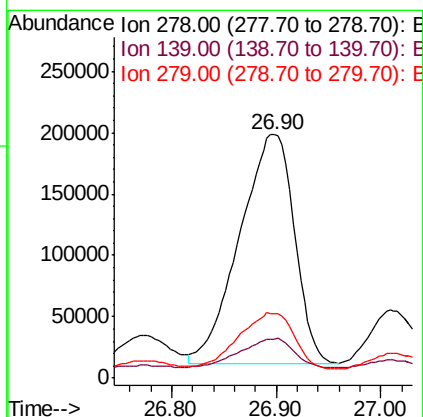
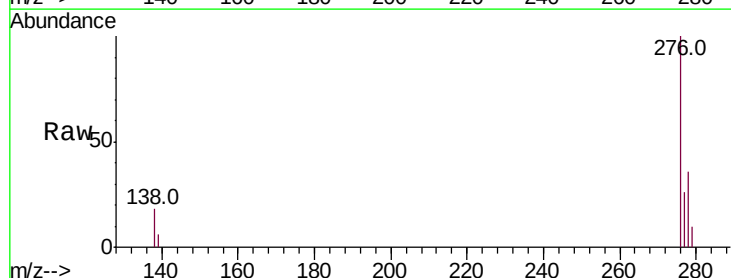
Instrument :
 BNA_E
 ClientSampleId :

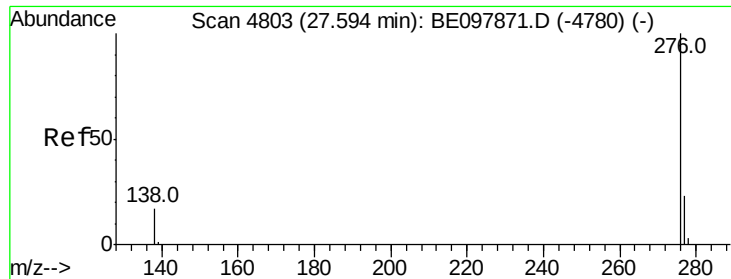
Tot Ion:276 Resp: 2486963
 Ion Ratio Lower Upper
 276 100
 138 16.2 0.0 0.0#
 227 0.0 0.0 0.0



#25
 Dibenzo(a,h)anthracene
 Concen: 20.333 ng/ul
 RT: 26.90 min Scan# 4609
 Delta R.T. 0.10 min
 Lab File: BE097885.D
 Acq: 12 Oct 2018 13:33

Tgt Ion:278 Resp: 676819
 Ion Ratio Lower Upper
 278 100
 139 16.0 10.9 16.3
 279 26.7 18.8 28.2





#26

Benzo(a,h,i)perylene

Concen: 73.163 ng/ul

RT: 27.75 min Scan# 4847

Delta R.T. 0.15 min

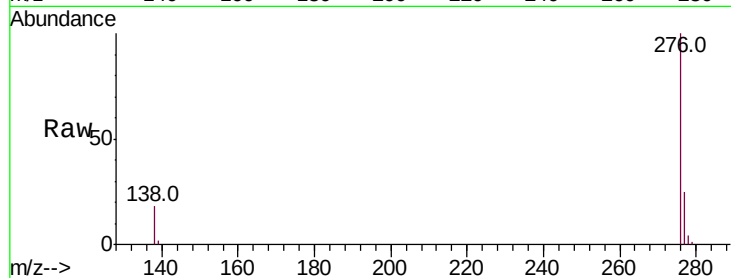
Lab File: BE097885.D

Acq: 12 Oct 2018 13:33

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 2567510

Ion Ratio Lower Upper

276 100

138 18.1 14.3 21.5

277 24.6 19.5 29.3

