

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097468.D
 Acq On : 13 Sep 2018 1:49
 Operator : SJ/JU
 Sample : J4792-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 03:55:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration

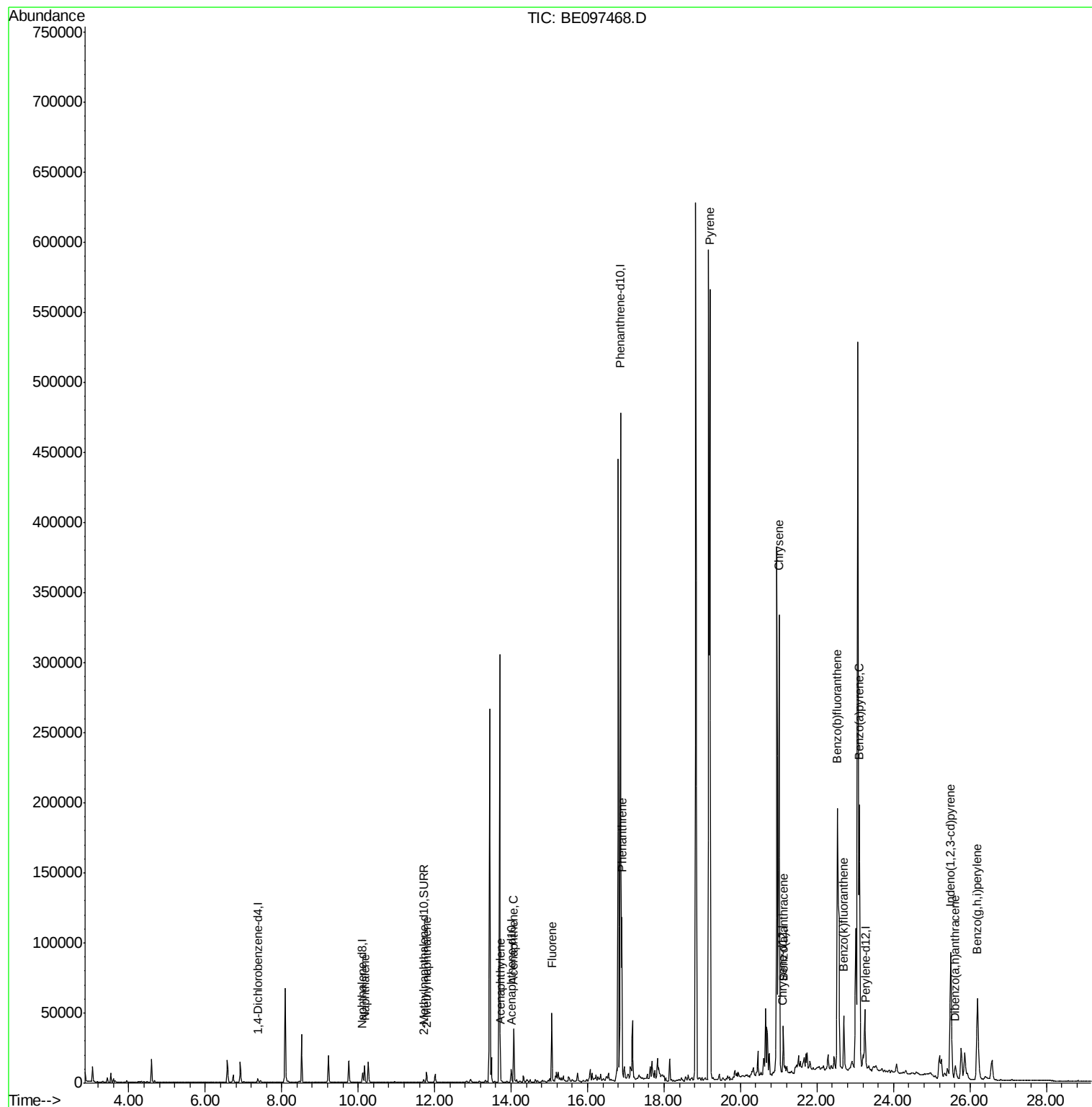
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1152	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4611	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	522440	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	295	0.40	ng/ul	0.14
20) Perylene-d12	23.28	264	718	0.40	ng/ul	0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2535	0.25	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	17776	1.110	ng/ul#	92
5) 2-Methylnaphthalene	11.79	142	6328	0.626	ng/ul	98
7) Acenaphthylene	13.73	152	2529	0.151	ng/ul#	85
8) Acenaphthene	14.07	153	22483	1.556	ng/ul	96
9) Fluorene	15.07	166	29135	1.761	ng/ul	92
12) Phenanthrene	16.89	178	115712	0.086	ng/ul#	90
17) Pyrene	19.20	202	598232	753.591	ng/ul#	80
18) Benzo(a)anthracene	21.12	228	23033	30.394	ng/ul#	56
19) Chrysene	21.01	228	266892	305.679	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	421222	219.067	ng/ul	85
22) Benzo(k)fluoranthene	22.70	252	44131	20.582	ng/ul	96
23) Benzo(a)pyrene	23.11	252	189994	106.808	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	148010	64.196	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.62	278	14326	7.334	ng/ul	95
26) Benzo(g,h,i)perylene	26.20	276	127908	65.074	ng/ul#	90

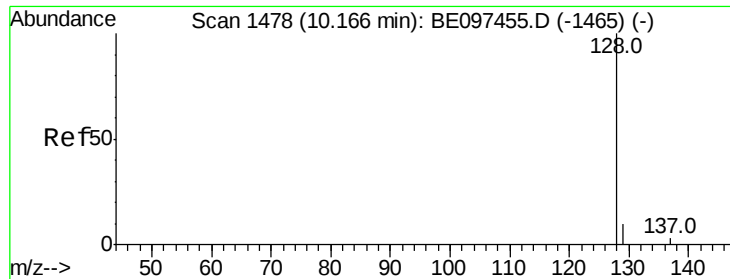
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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#3

Naphthalene

Concen: 1.110 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

ClientSampled :

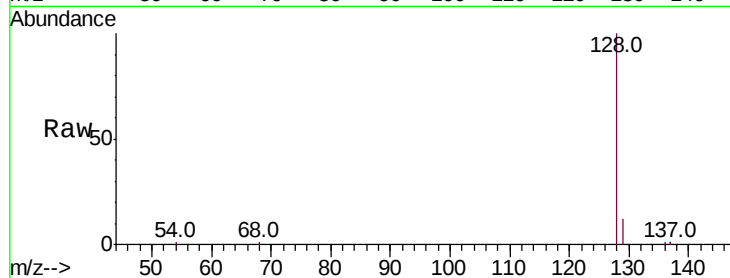
Tot Ion:128 Resp: 17776

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

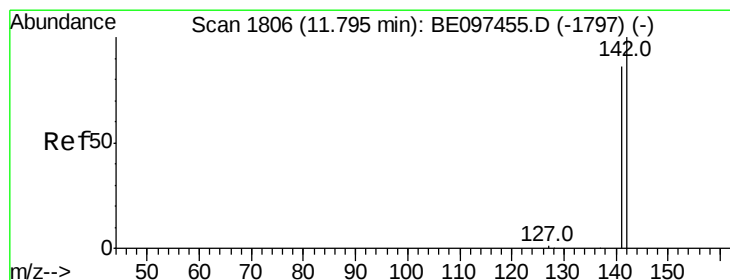
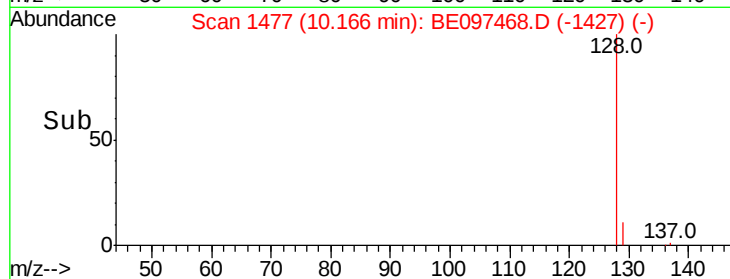
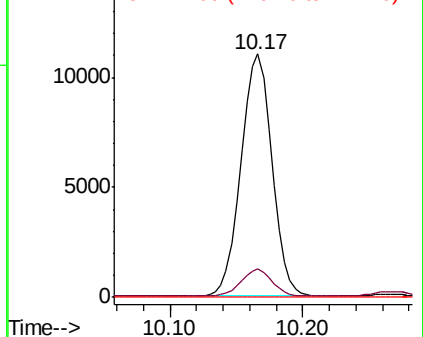
127 0.0 4.0 6.0#



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: 0.626 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BE097468.D

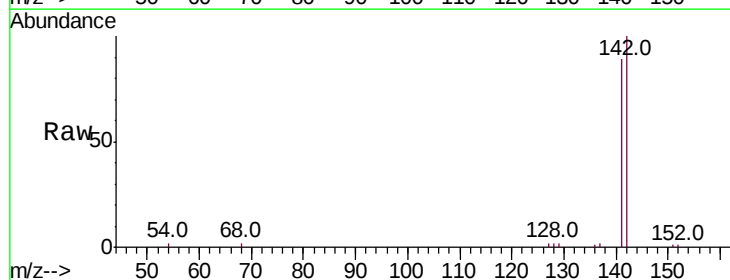
Acq: 13 Sep 2018 1:49

Tgt Ion:142 Resp: 6328

Ion Ratio Lower Upper

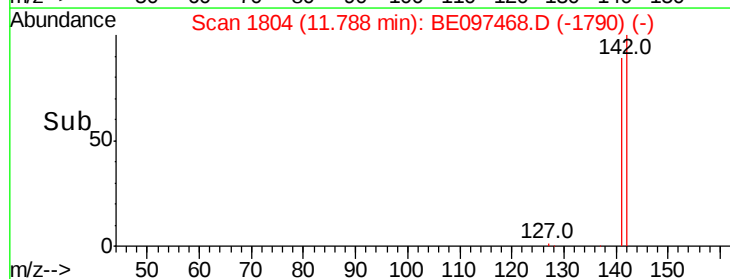
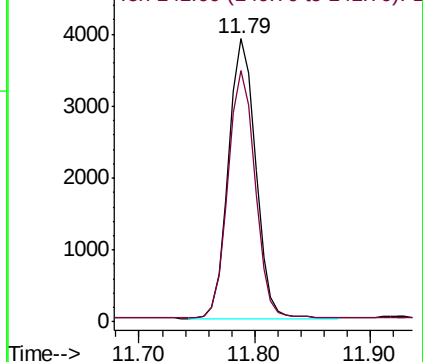
142 100

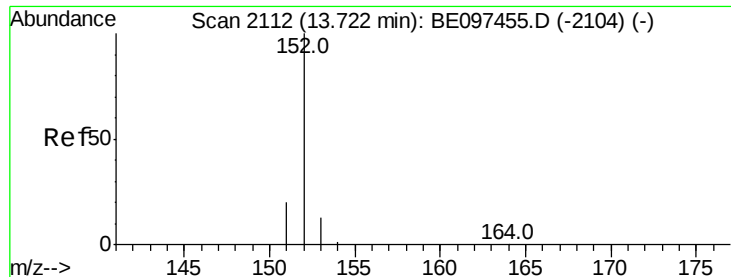
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.151 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

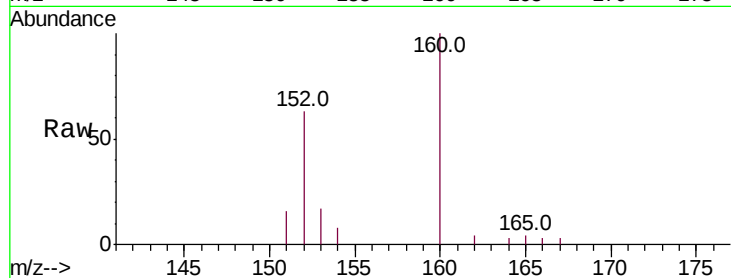
Tot Ion:152 Resp: 2529

Ion Ratio Lower Upper

152 100

151 25.4 17.1 25.7

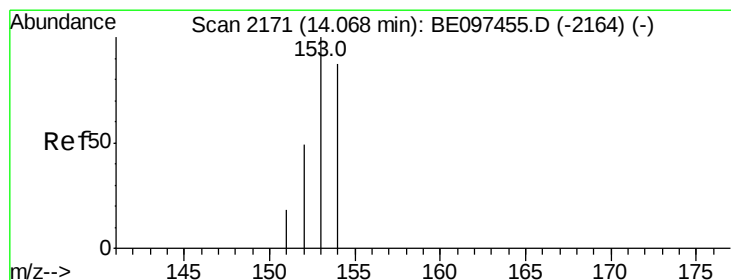
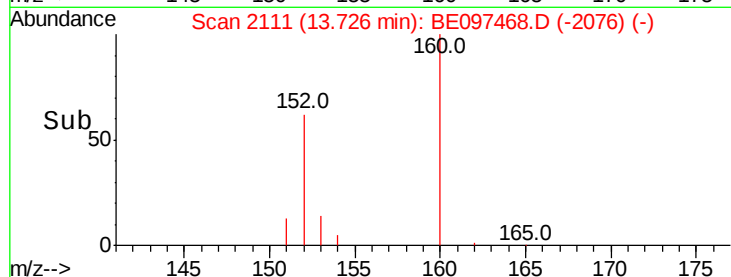
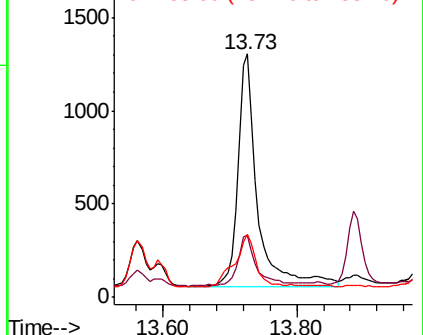
153 26.1 12.8 19.2#



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: 1.556 ng/ul

RT: 14.07 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

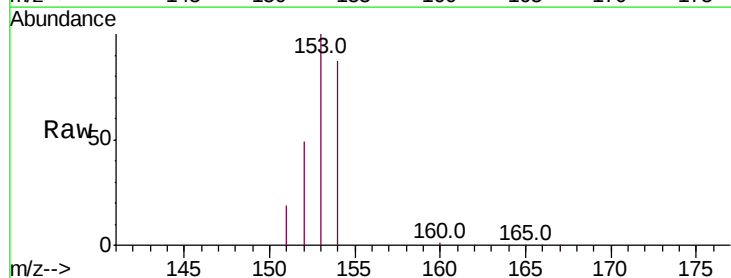
Tgt Ion:153 Resp: 22483

Ion Ratio Lower Upper

153 100

152 48.9 36.0 54.0

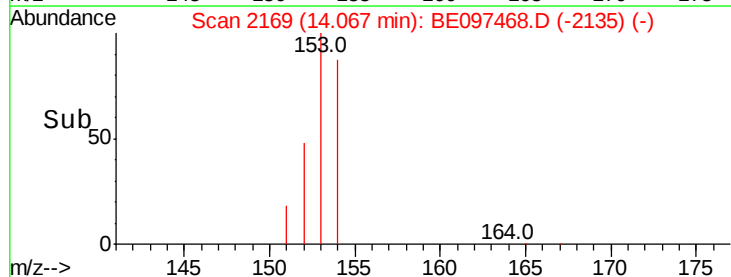
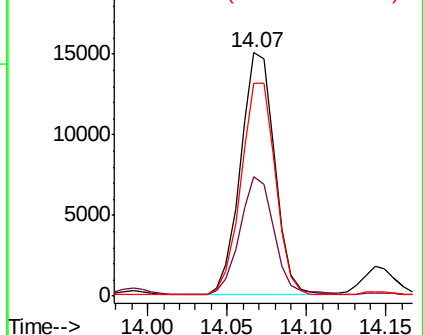
154 87.3 72.0 108.0

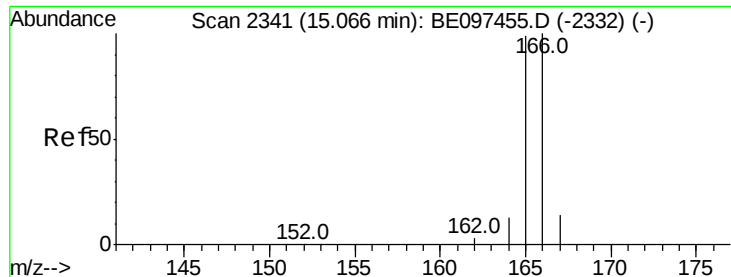


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.761 ng/ul

RT: 15.07 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

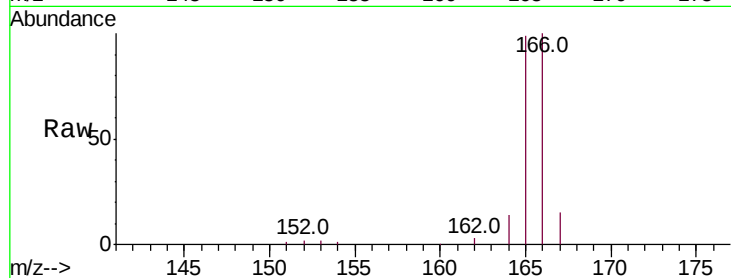
Tot Ion:166 Resp: 29135

Ion Ratio Lower Upper

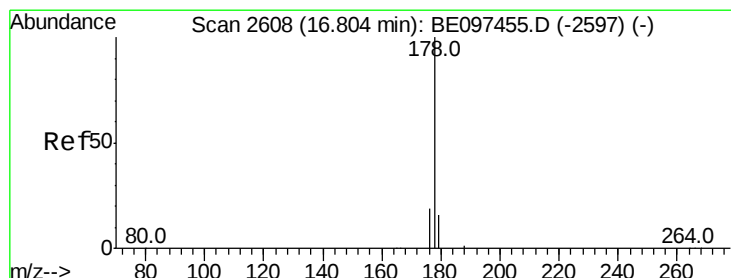
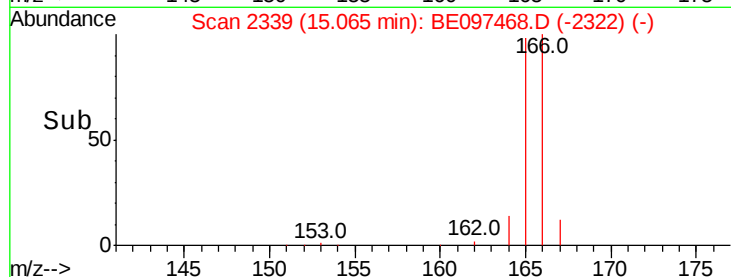
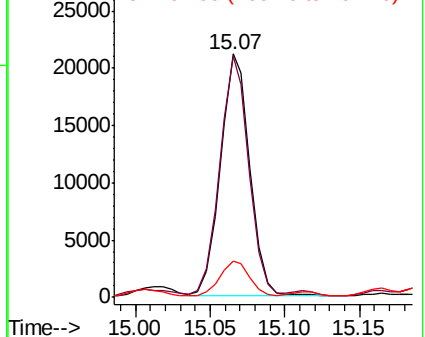
166 100

165 99.1 73.4 110.2

167 14.8 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



#12

Phenanthrene

Concen: 0.086 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. 0.09 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

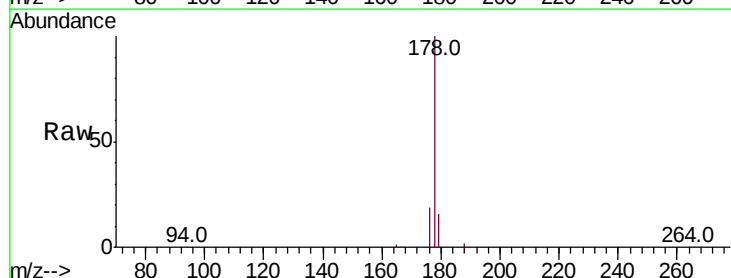
Tgt Ion:178 Resp: 115712

Ion Ratio Lower Upper

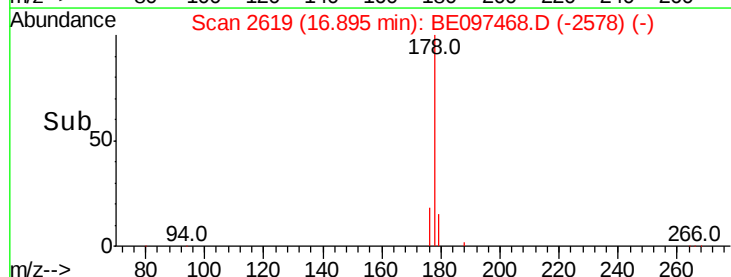
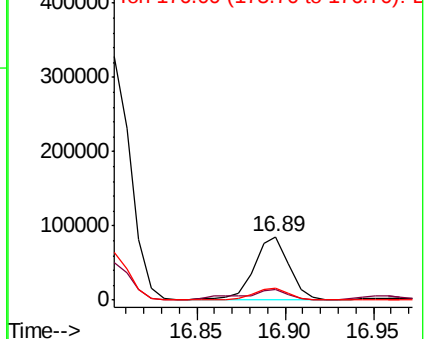
178 100

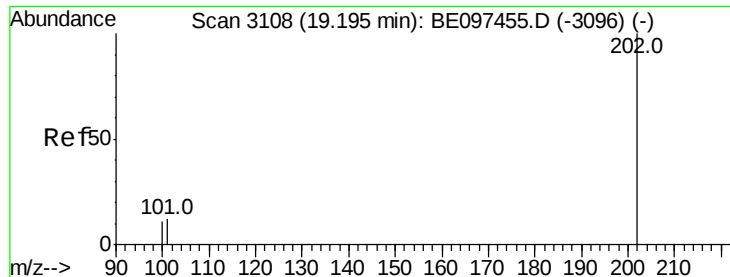
179 15.8 18.4 27.6#

176 18.6 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

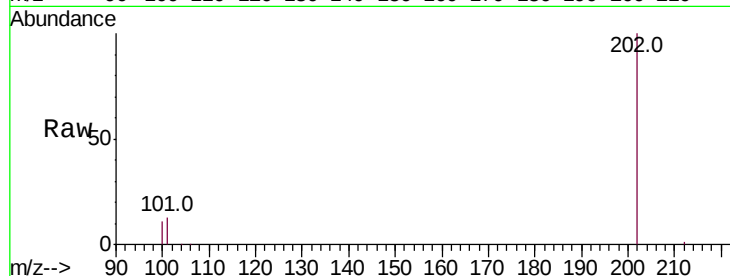




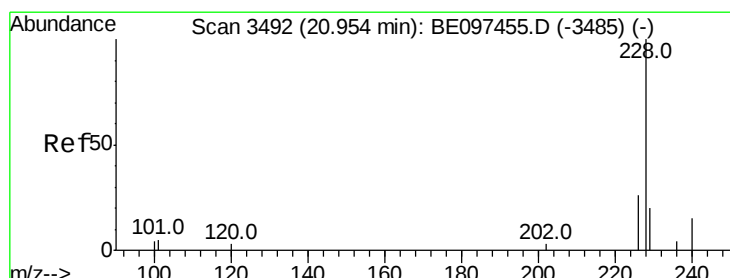
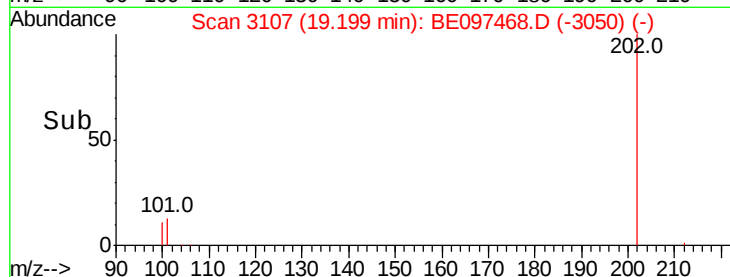
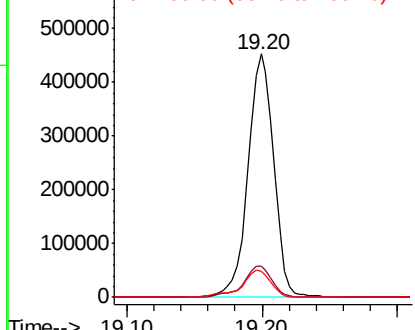
#17
Pvrene
Concen: 753.591 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097468.D
Acq: 13 Sep 2018 1:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	10.9	15.6	23.4#

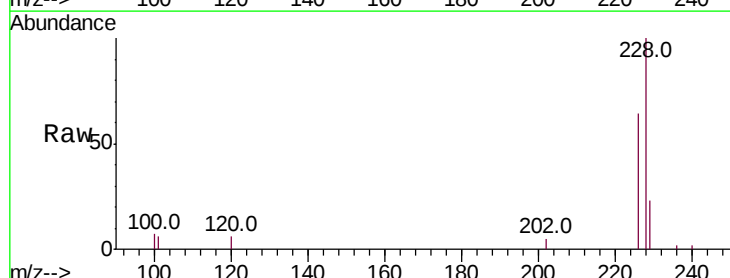


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

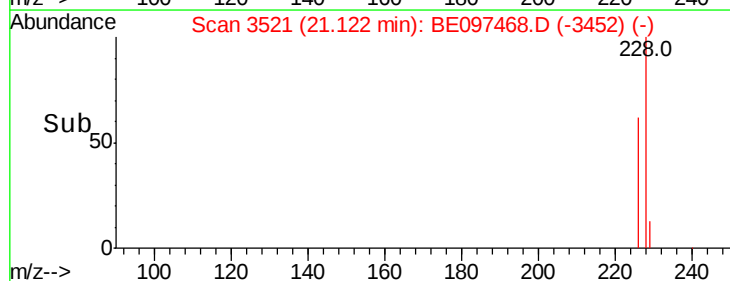
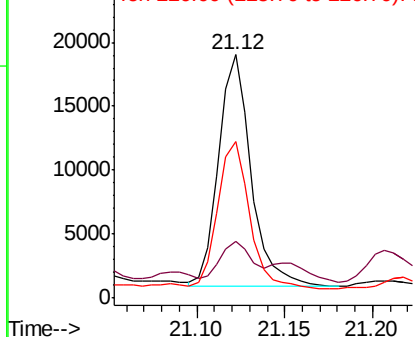


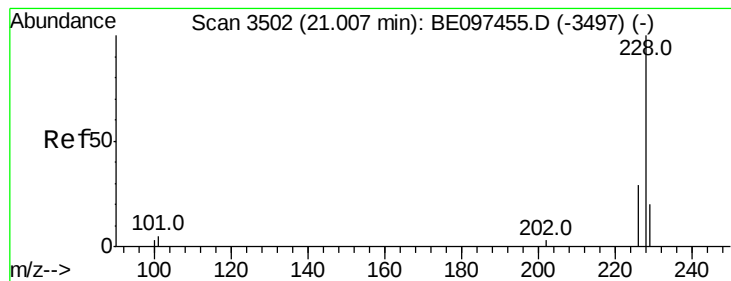
#18
Benzo(a)anthracene
Concen: 30.394 ng/ul
RT: 21.12 min Scan# 3521
Delta R.T. 0.17 min
Lab File: BE097468.D
Acq: 13 Sep 2018 1:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	22.8	34.2
226	64.1	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: 305.679 ng/ul

RT: 21.01 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

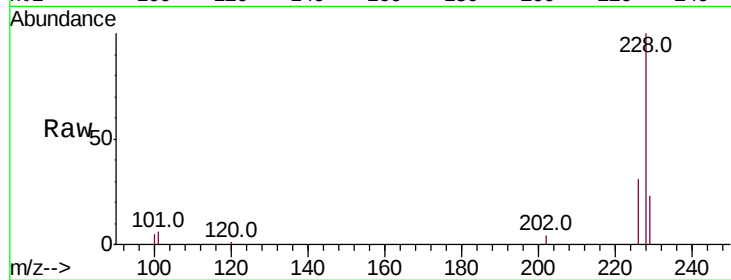
Tot Ion:228 Resp: 266892

Ion Ratio Lower Upper

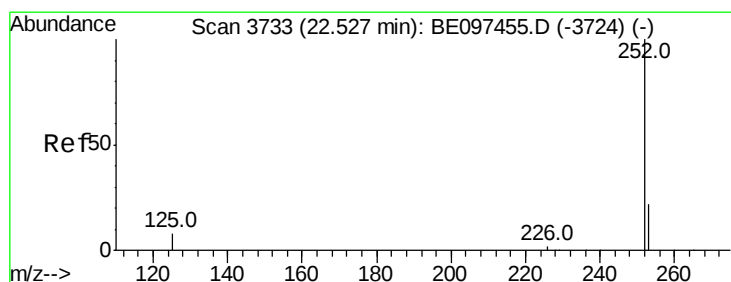
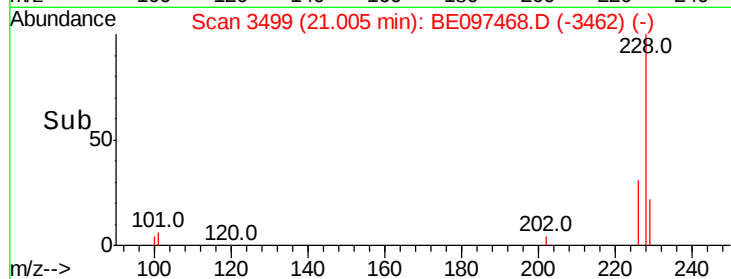
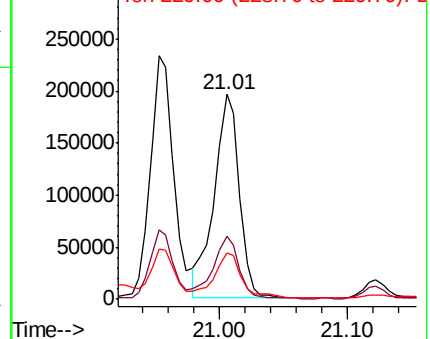
228 100

226 30.9 23.4 35.0

229 22.7 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: 219.067 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. 0.01 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

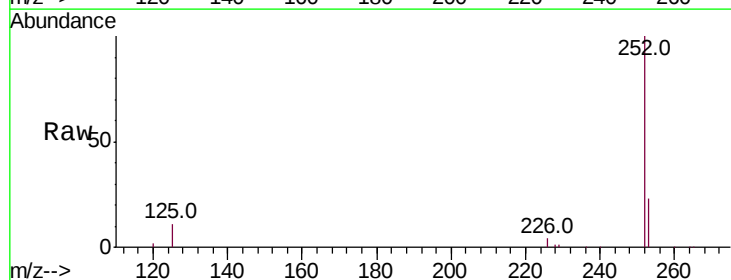
Tgt Ion:252 Resp: 421222

Ion Ratio Lower Upper

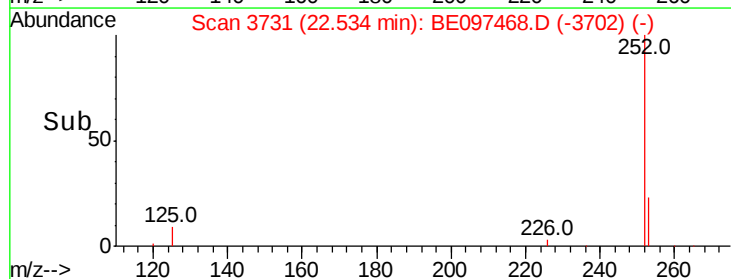
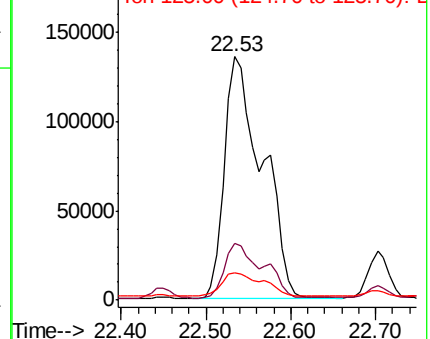
252 100

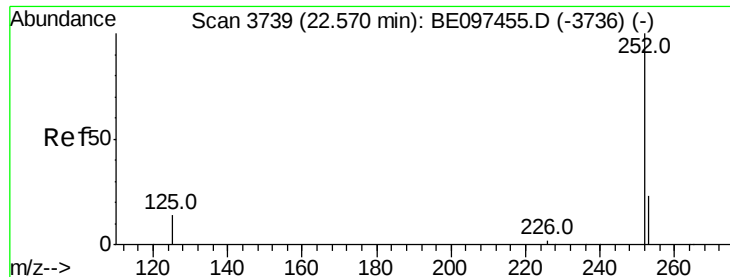
253 23.3 0.0 64.2

125 11.3 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: 20.582 ng/ul

RT: 22.70 min Scan# 3755

Delta R.T. 0.13 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

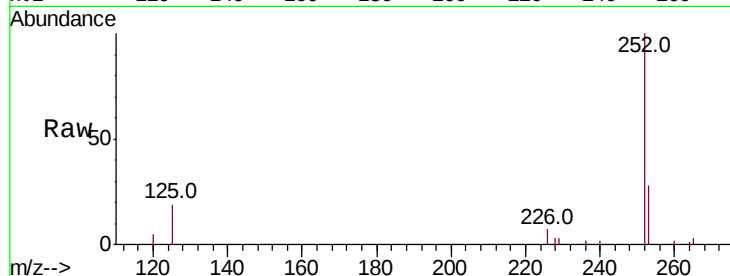
Tot Ion:252 Resp: 44131

Ion Ratio Lower Upper

252 100

253 28.5 24.5 36.7

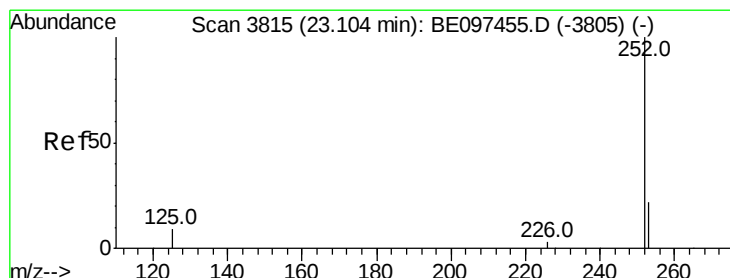
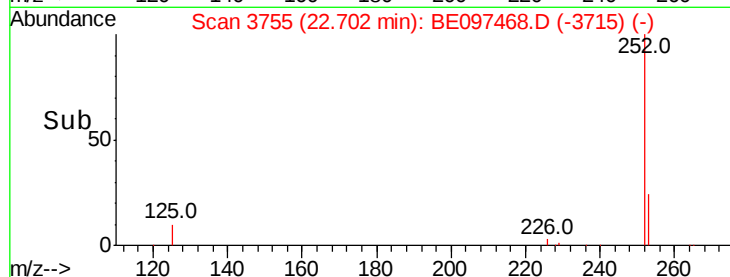
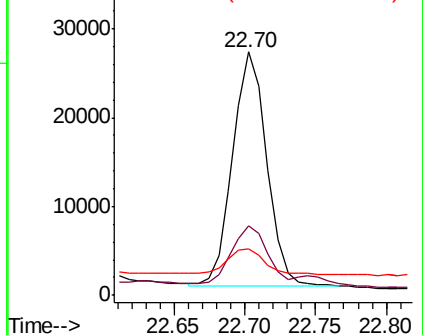
125 19.1 13.7 20.5



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: 106.808 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. 0.01 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

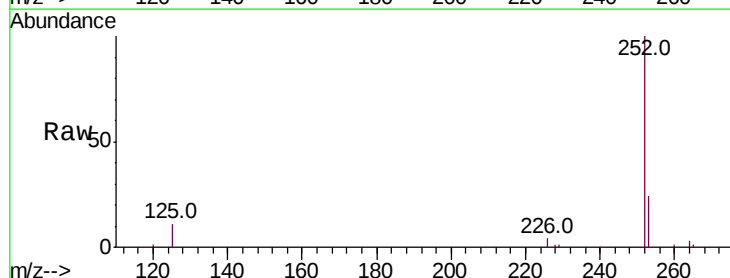
Tgt Ion:252 Resp: 189994

Ion Ratio Lower Upper

252 100

253 23.5 28.5 42.7#

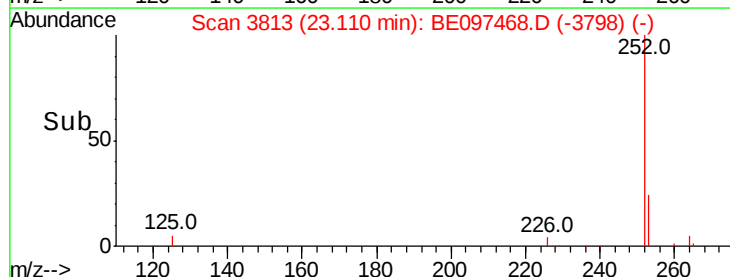
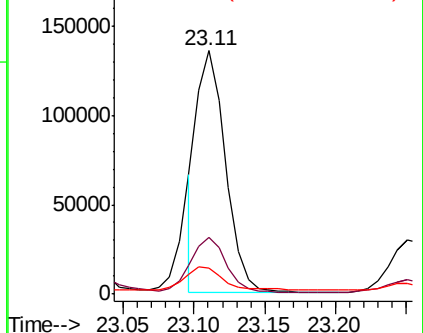
125 10.7 18.1 27.1#

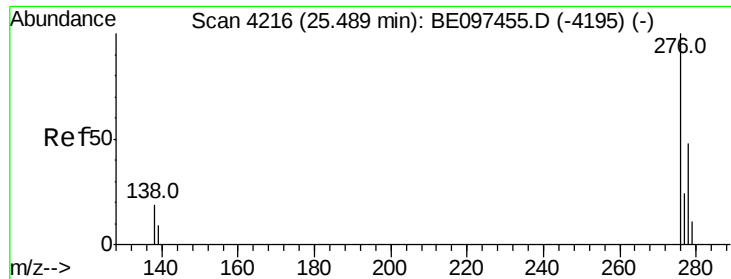


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



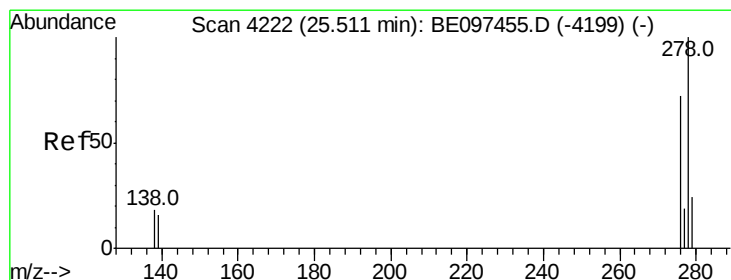
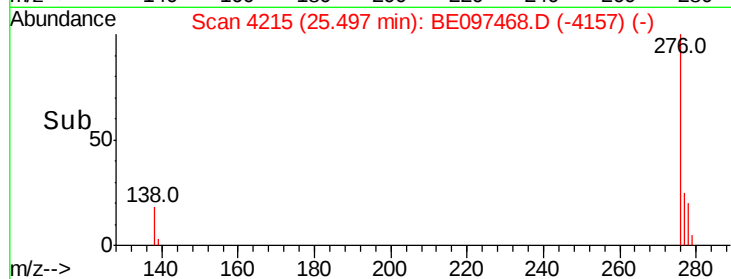
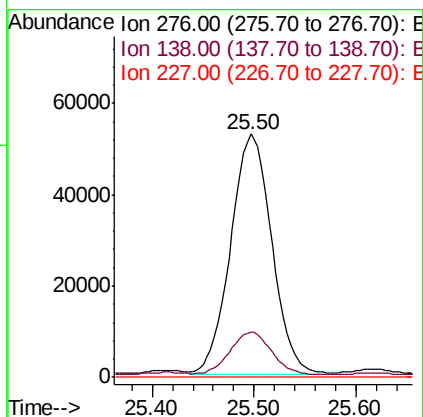
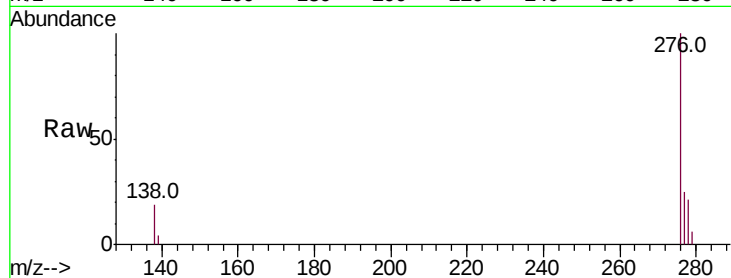


#24

Indeno(1,2,3-cd)pyrene
Concen: 64.196 ng/ul
RT: 25.50 min Scan# 4215
Delta R.T. 0.01 min
Lab File: BE097468.D
Acq: 13 Sep 2018 1:49

Instrument :
BNA_E
ClientSampleId :

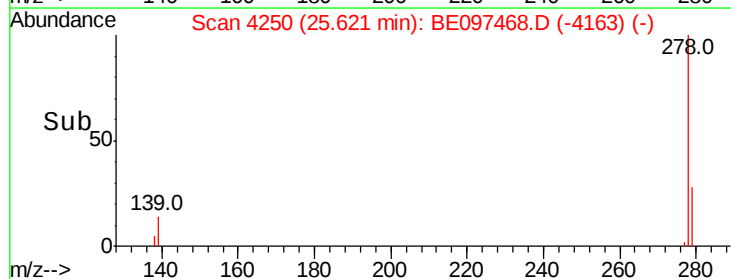
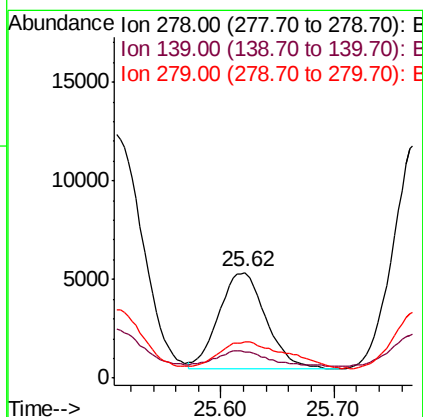
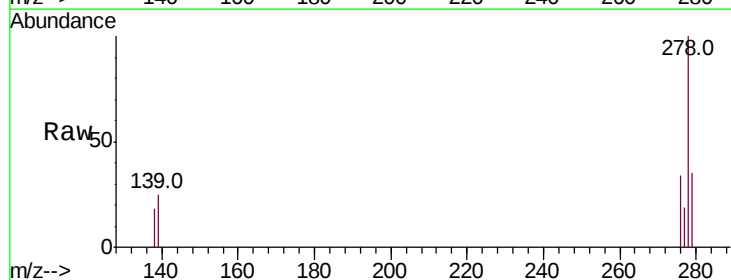
Tot Ion:276 Resp: 148010
Ion Ratio Lower Upper
276 100
138 18.1 28.0 42.0#
227 0.0 8.0 12.0#

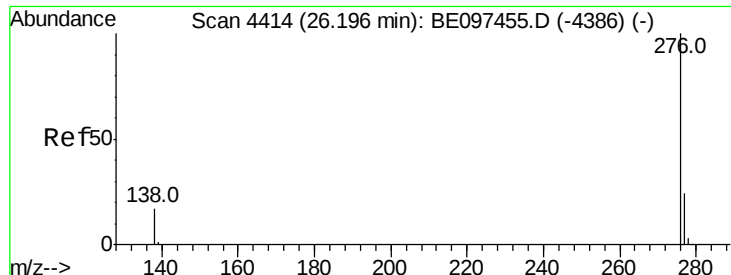


#25

Dibenzo(a,h)anthracene
Concen: 7.334 ng/ul
RT: 25.62 min Scan# 4250
Delta R.T. 0.11 min
Lab File: BE097468.D
Acq: 13 Sep 2018 1:49

Tgt Ion:278 Resp: 14326
Ion Ratio Lower Upper
278 100
139 24.9 17.4 26.0
279 34.8 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 65.074 ng/ul

RT: 26.20 min Scan# 4412

Delta R.T. 0.00 min

Lab File: BE097468.D

Acq: 13 Sep 2018 1:49

Instrument :

BNA_E

ClientSampleId :

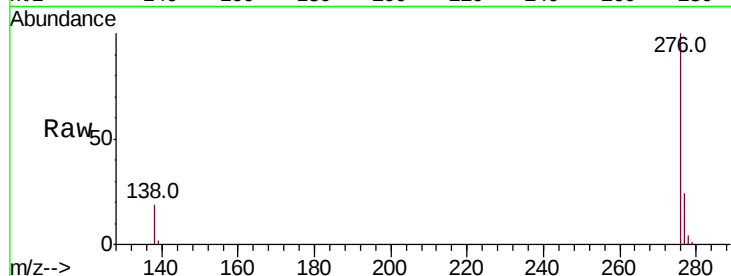
Tot Ion:276 Resp: 127908

Ion Ratio Lower Upper

276 100

138 18.7 21.8 32.8#

277 24.3 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

