

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097477.D
 Acq On : 13 Sep 2018 7:23
 Operator : SJ/JU
 Sample : J4792-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 08:28:30 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 07:48:38 2018
 Response via : Initial Calibration

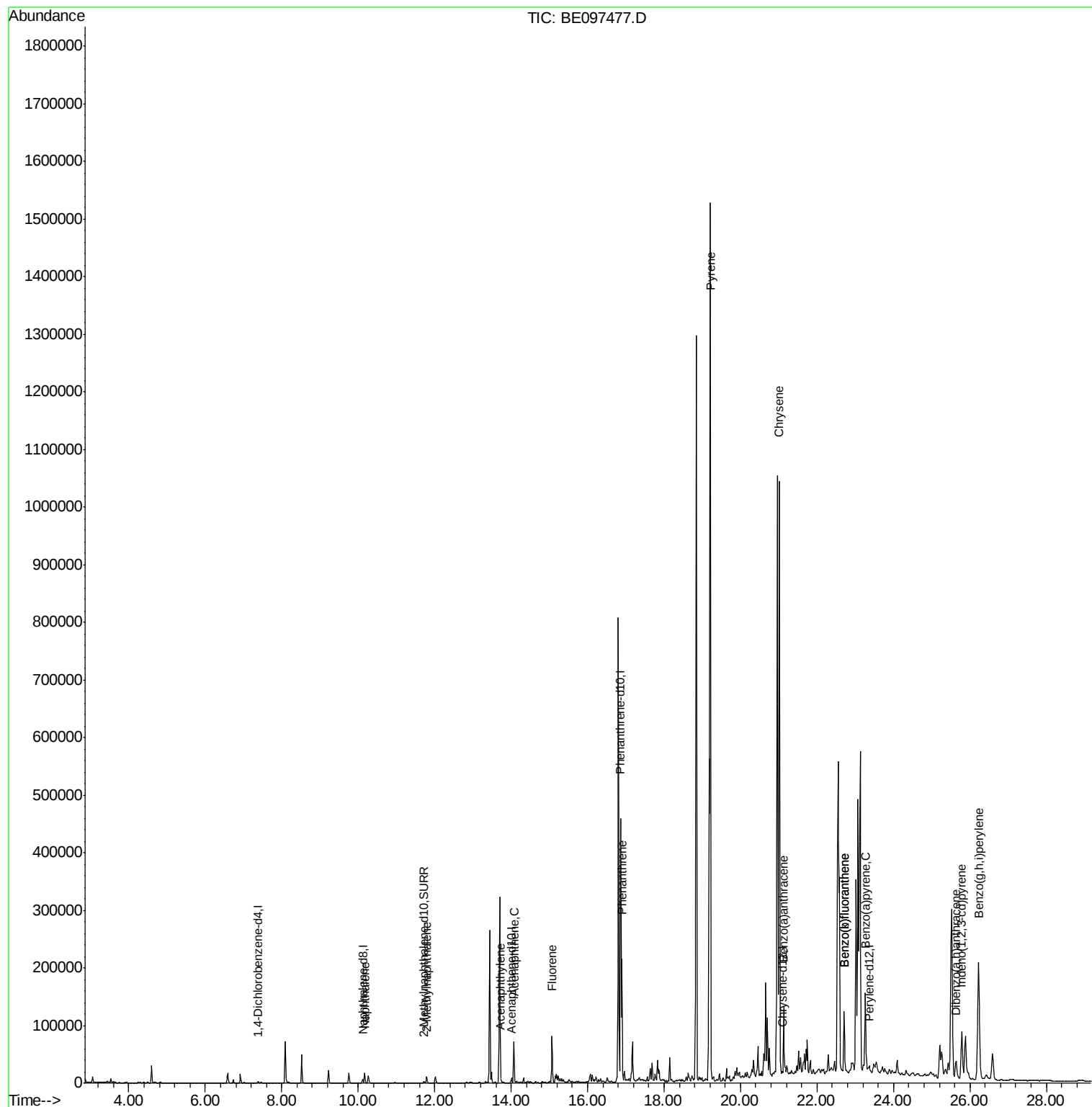
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1179	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6710	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4585	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	505339	0.40	ng/ul	0.10
16) Chrysene-d12	21.09	240	76	0.40	ng/ul	0.12
20) Perylene-d12	23.36	264	4790	0.40	ng/ul	0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2537	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	402	0.00	ng/ul	0.11
Target Compounds						
					Ovalue	
3) Naphthalene	10.17	128	24153	1.476	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	9437	0.913	ng/ul	98
7) Acenaphthylene	13.73	152	7457	0.447	ng/ul#	96
8) Acenaphthene	14.07	153	41718	2.904	ng/ul	99
9) Fluorene	15.07	166	47833	2.907	ng/ul	92
12) Phenanthrene	16.90	178	212459	0.163	ng/ul#	90
17) Pyrene	19.21	202	1711660	8369.354	ng/ul#	81
18) Benzo(a)anthracene	21.13	228	85288	436.855	ng/ul#	54
19) Chrysene	21.01	228	844626	3754.940	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	133354	10.396	ng/ul	92
22) Benzo(k)fluoranthene	22.71	252	133354	9.323	ng/ul	94
23) Benzo(a)pyrene	23.27	252	178464	15.038	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.79	276	33302	2.165	ng/ul#	83
25) Dibenzo(a,h)anthracene	25.63	278	46487	3.567	ng/ul	98
26) Benzo(g,h,i)perylene	26.22	276	420235	32.047	ng/ul#	91

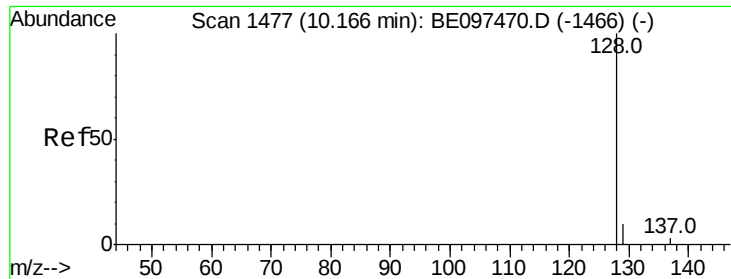
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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QLast Update : Thu Sep 13 07:48:38 2018
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#3

Naphthalene

Concen: 1.476 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

Instrument :

BNA_E

ClientSampleId :

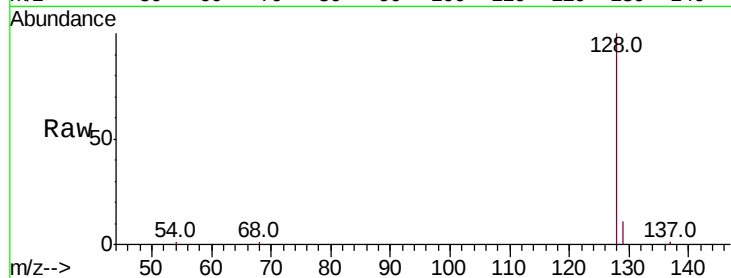
Tot Ion:128 Resp: 24153

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

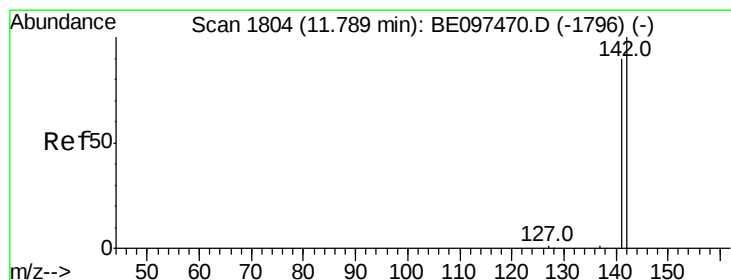
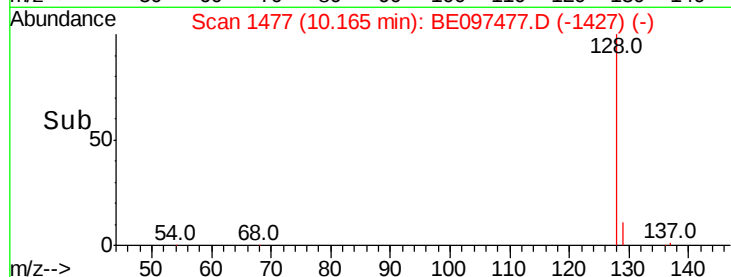
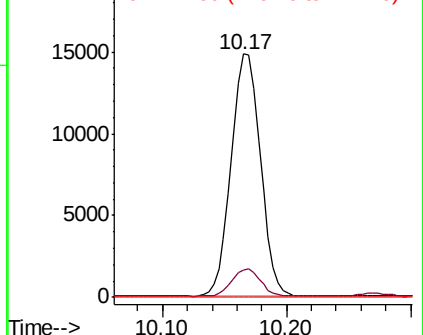
127 0.0 4.0 6.0#



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: 0.913 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BE097477.D

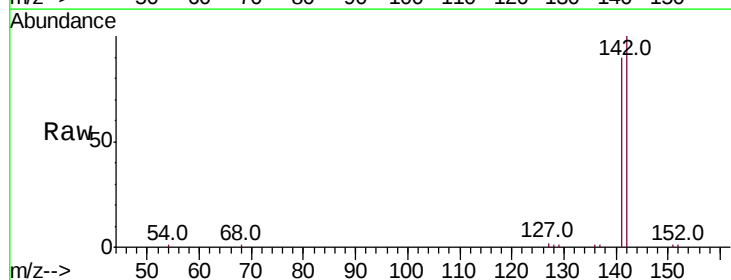
Acq: 13 Sep 2018 7:23

Tgt Ion:142 Resp: 9437

Ion Ratio Lower Upper

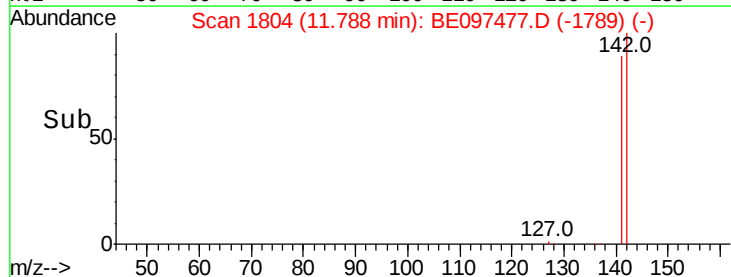
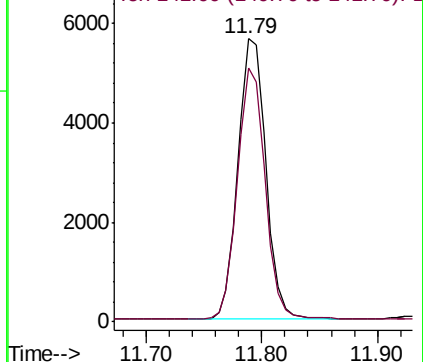
142 100

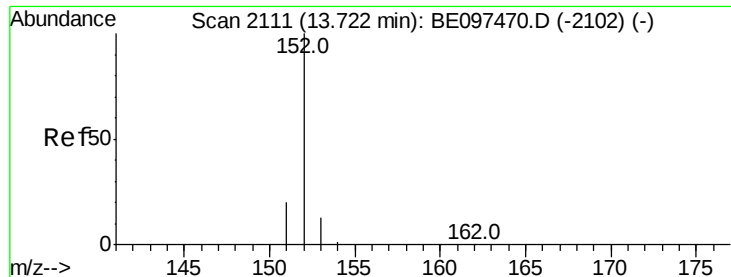
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.447 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

Instrument :

BNA_E

ClientSampleId :

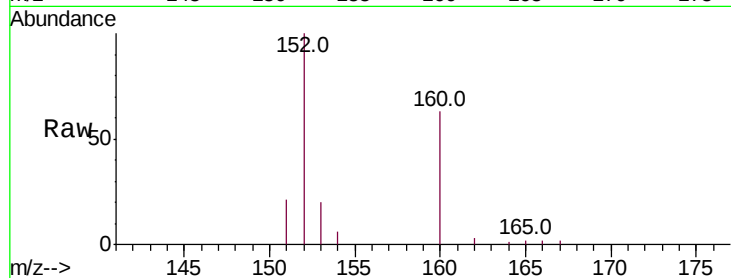
Tot Ion:152 Resp: 7457

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

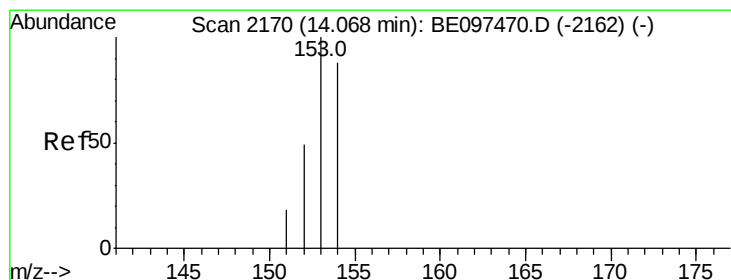
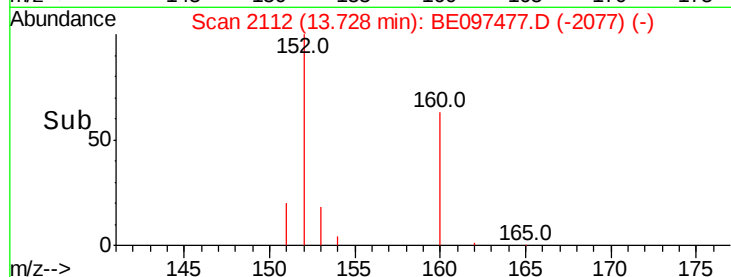
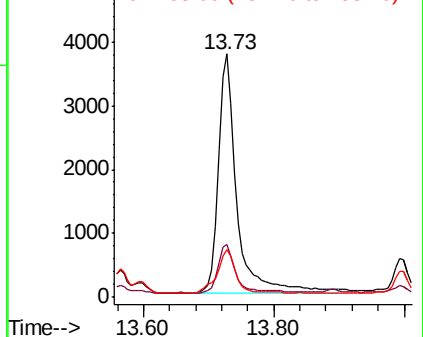
153 19.6 12.8 19.2#



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: 2.904 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

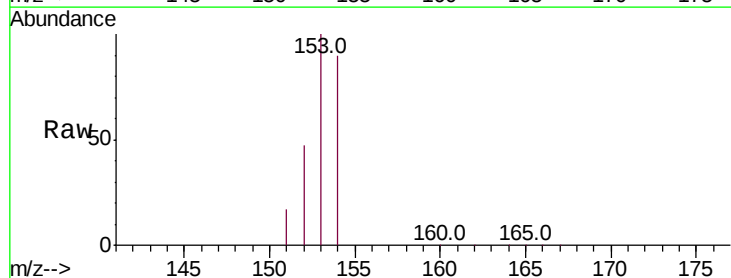
Tgt Ion:153 Resp: 41718

Ion Ratio Lower Upper

153 100

152 47.3 36.0 54.0

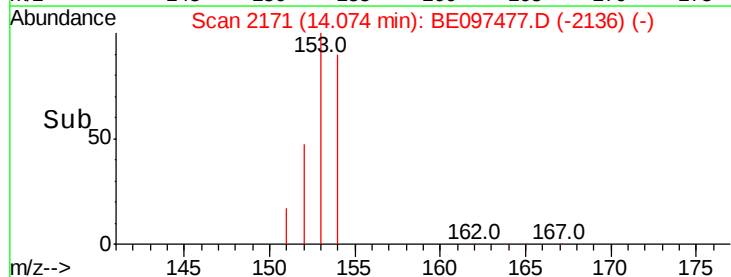
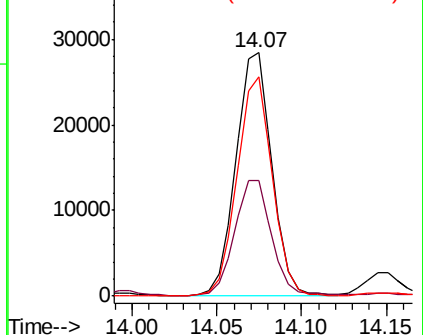
154 90.0 72.0 108.0

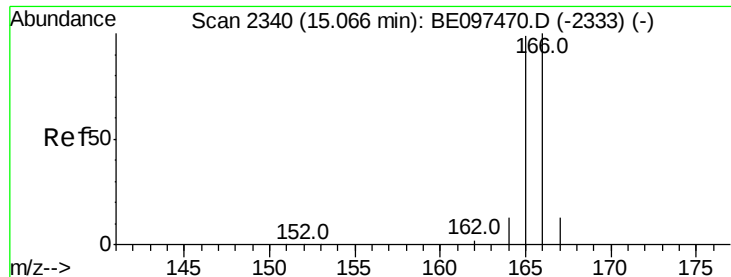


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

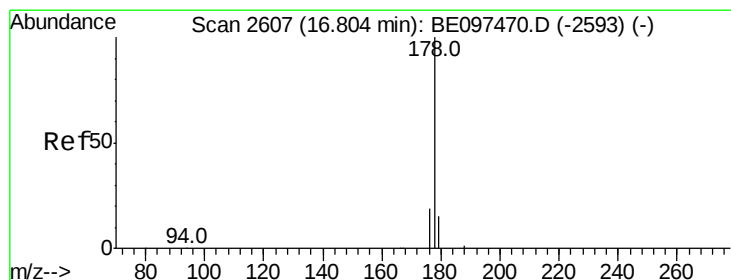
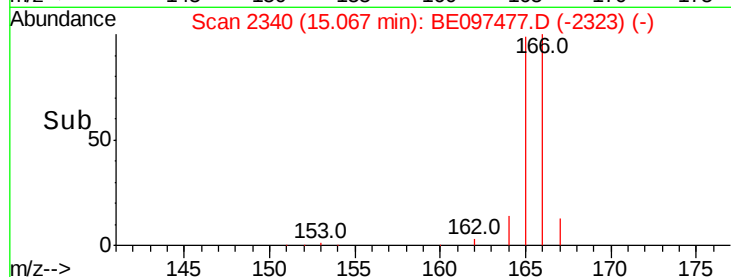
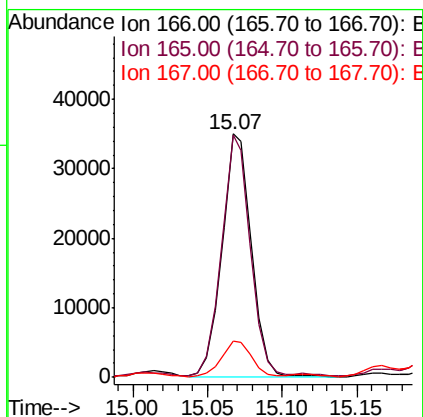
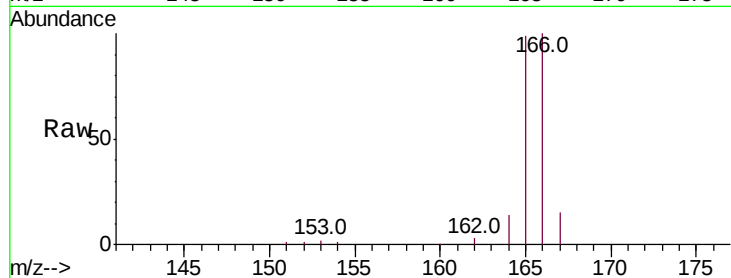




#9
Fluorene
 Concen: 2.907 ng/ul
 RT: 15.07 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BE097477.D
 Acq: 13 Sep 2018 7:23

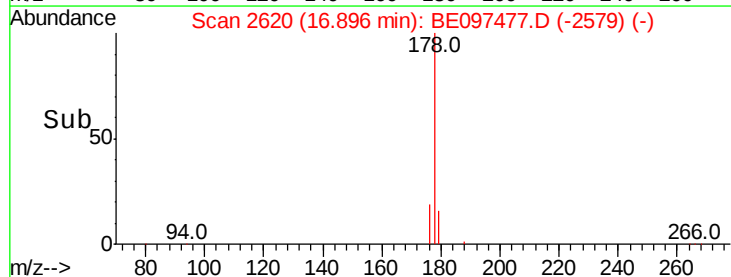
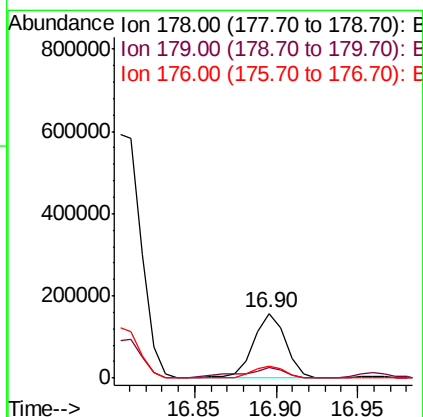
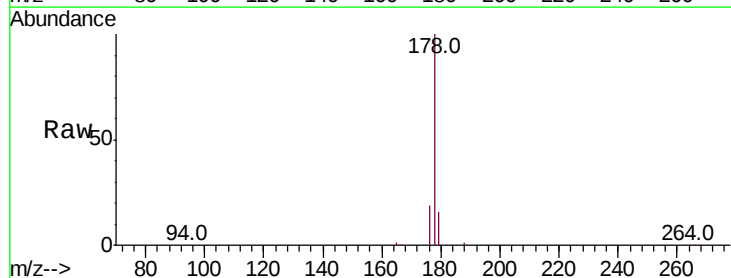
Instrument :
 BNA_E
 ClientSampleId :

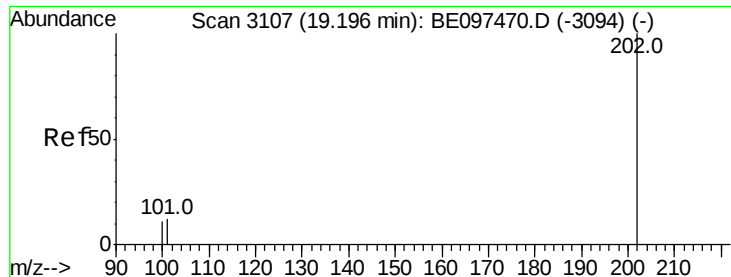
Tot Ion:166 Resp: 47833
 Ion Ratio Lower Upper
 166 100
 165 99.5 73.4 110.2
 167 15.0 14.6 22.0



#12
Phenanthrene
 Concen: 0.163 ng/ul
 RT: 16.90 min Scan# 2620
 Delta R.T. 0.09 min
 Lab File: BE097477.D
 Acq: 13 Sep 2018 7:23

Tgt Ion:178 Resp: 212459
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.4 27.6#
 176 19.0 13.6 20.4





#17

Pvrene

Concen: 8369.354 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

Instrument :

BNA_E

ClientSampleId :

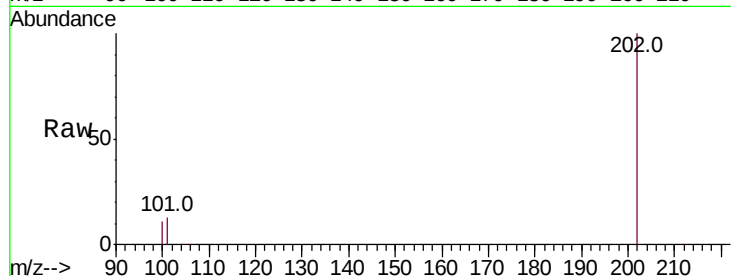
Tot Ion:202 Resp: 1711660

Ion Ratio Lower Upper

202 100

101 13.1 18.2 27.4#

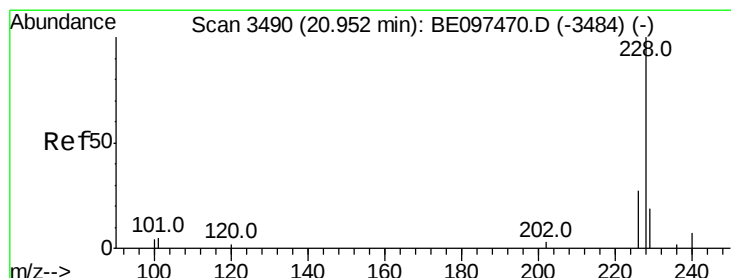
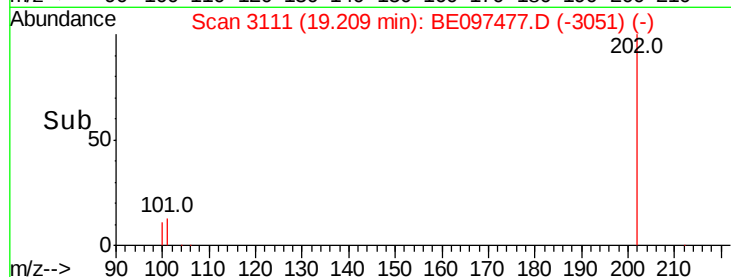
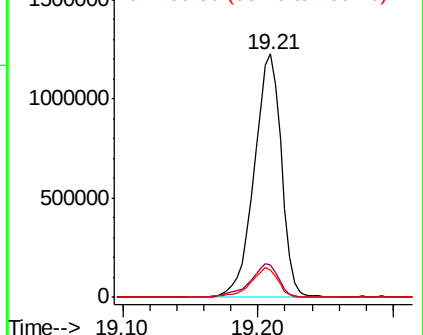
100 11.2 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 436.855 ng/ul

RT: 21.13 min Scan# 3524

Delta R.T. 0.18 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

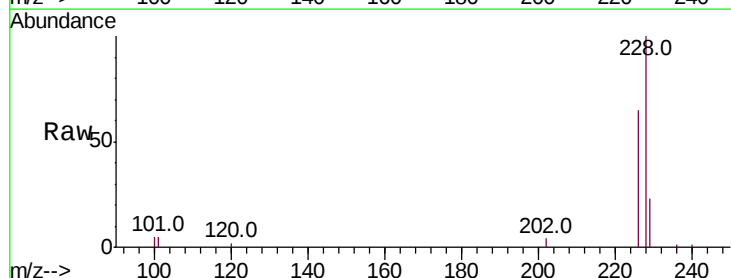
Tgt Ion:228 Resp: 85288

Ion Ratio Lower Upper

228 100

229 23.0 22.8 34.2

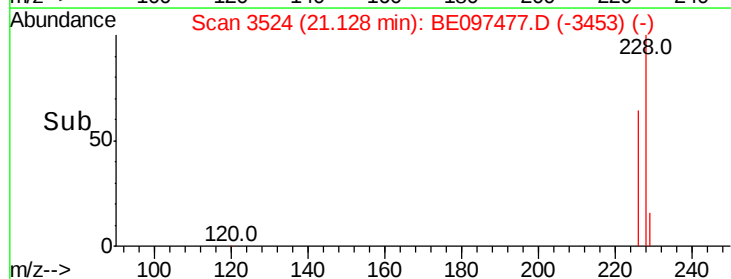
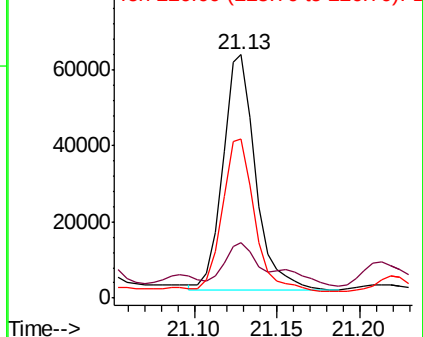
226 65.3 17.0 25.6#

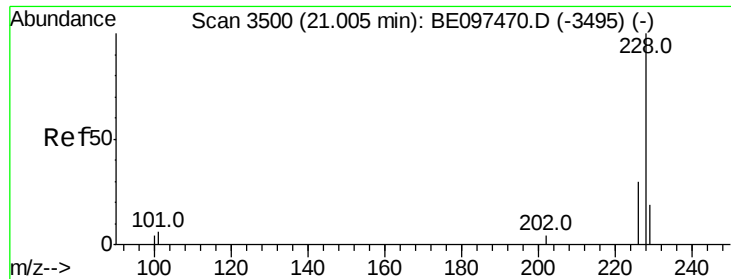


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3754.940 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. 0.01 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

Instrument :

BNA_E

ClientSampleId :

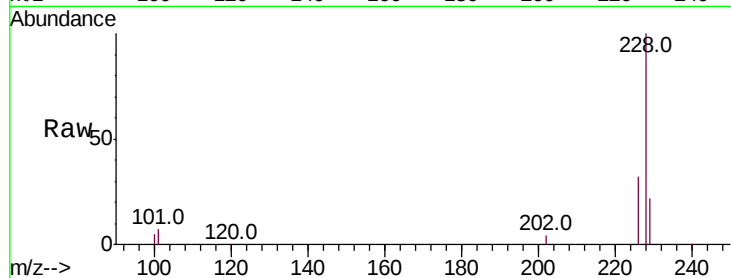
Tot Ion:228 Resp: 844626

Ion Ratio Lower Upper

228 100

226 32.1 23.4 35.0

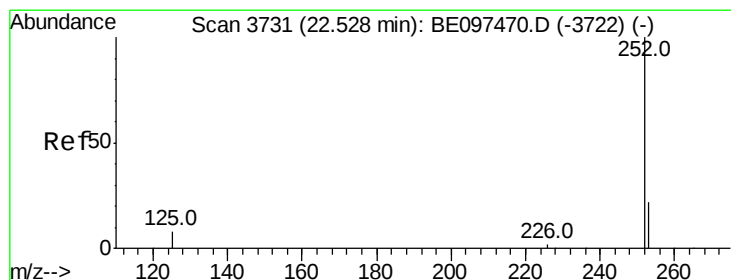
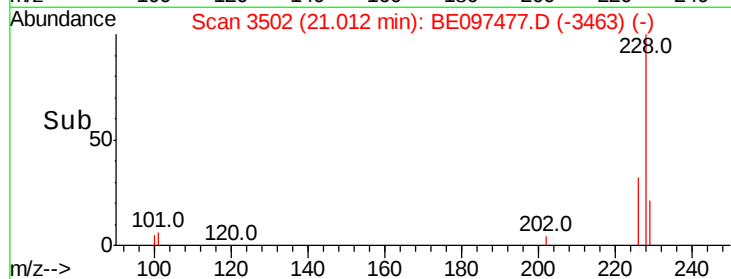
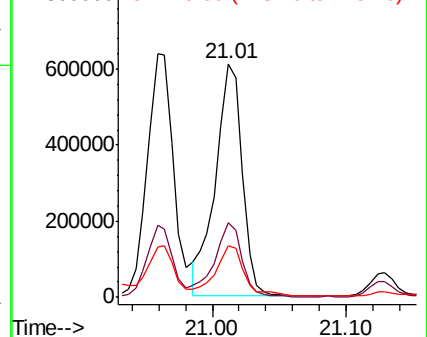
229 22.0 17.7 26.5



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: 10.396 ng/ul

RT: 22.71 min Scan# 3758

Delta R.T. 0.18 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

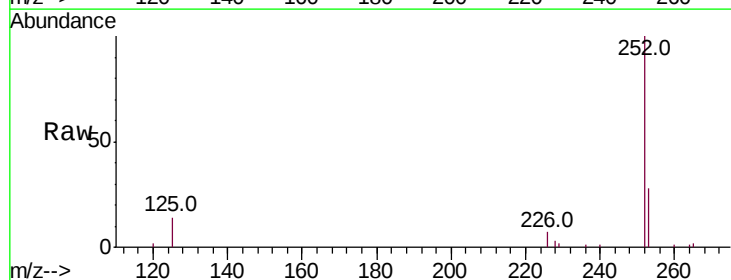
Tgt Ion:252 Resp: 133354

Ion Ratio Lower Upper

252 100

253 27.8 0.0 64.2

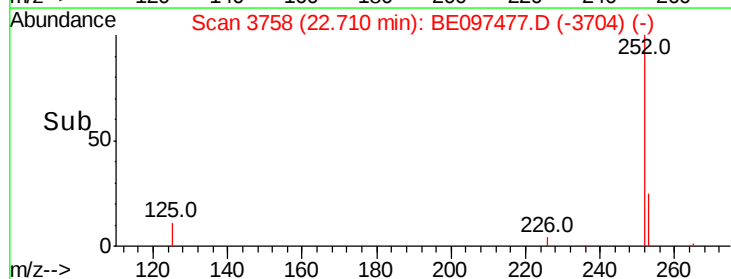
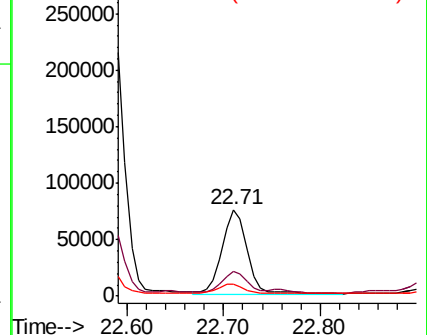
125 14.0 0.0 35.0

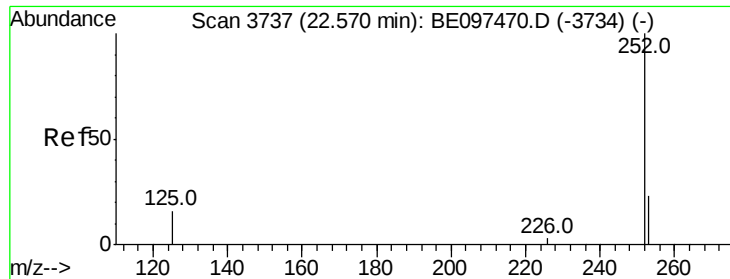


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 9.323 ng/ul

RT: 22.71 min Scan# 3758

Delta R.T. 0.14 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

Instrument :

BNA_E

ClientSampleId :

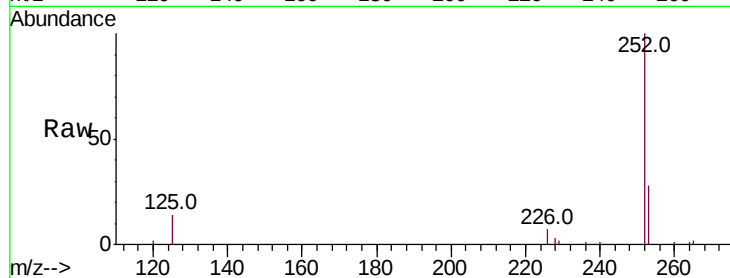
Tot Ion:252 Resp: 133354

Ion Ratio Lower Upper

252 100

253 27.8 24.5 36.7

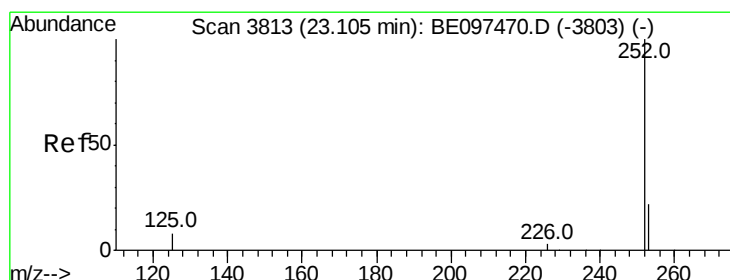
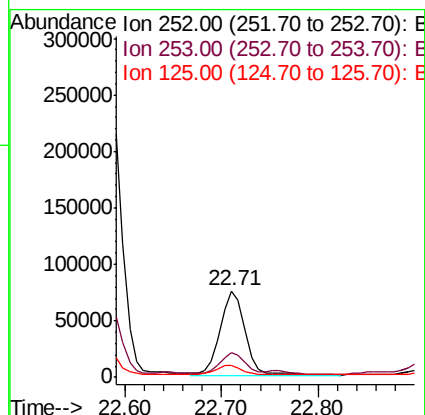
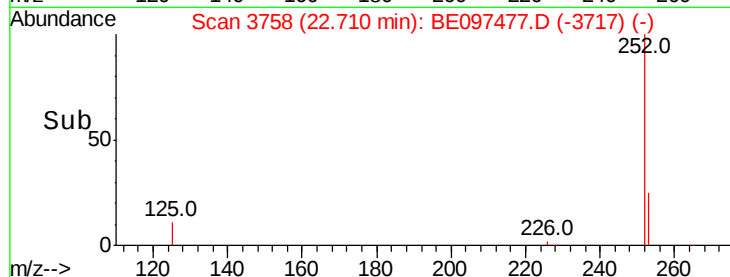
125 14.0 13.7 20.5



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: 15.038 ng/ul

RT: 23.27 min Scan# 3837

Delta R.T. 0.16 min

Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

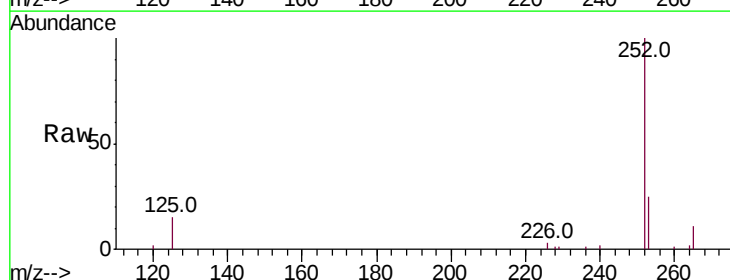
Tgt Ion:252 Resp: 178464

Ion Ratio Lower Upper

252 100

253 24.9 28.5 42.7#

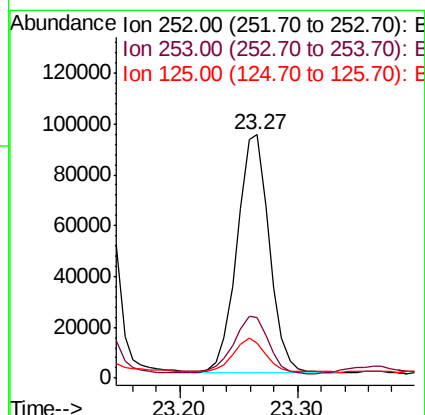
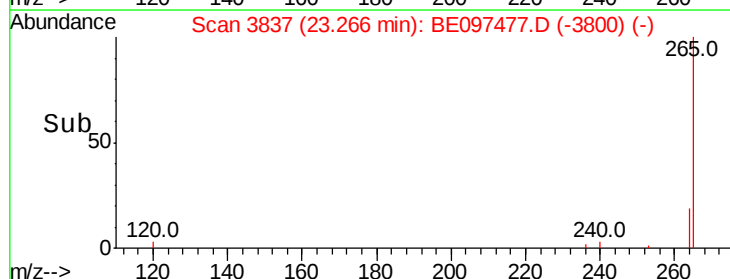
125 14.5 18.1 27.1#

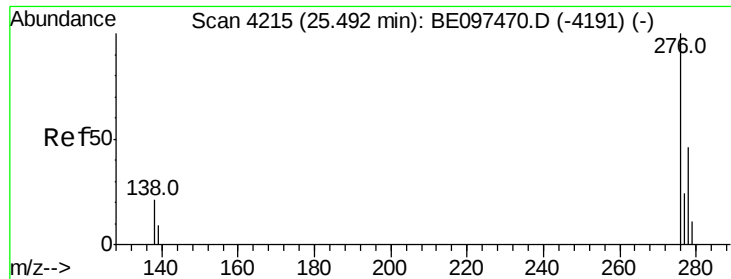


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

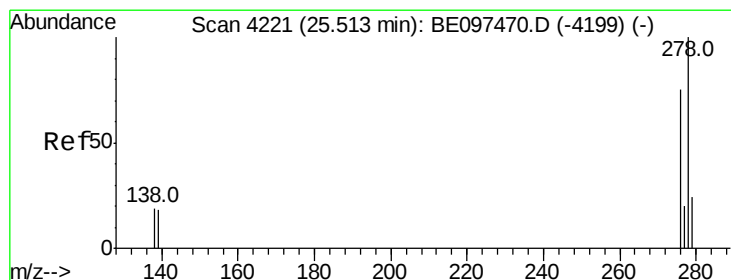
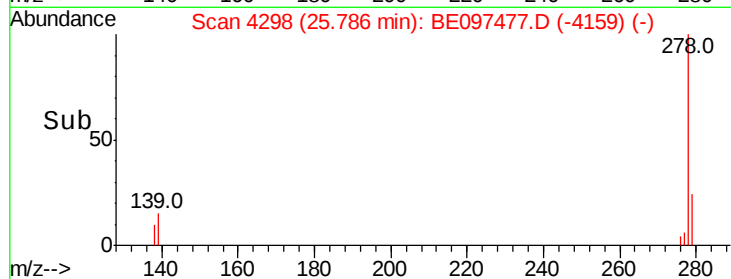
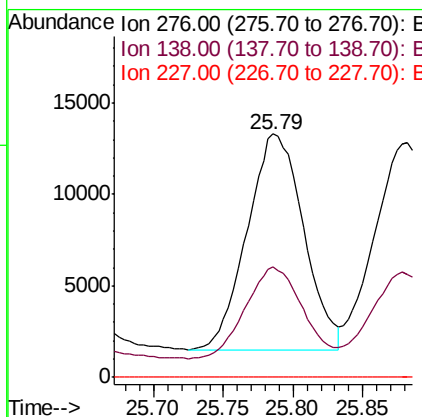
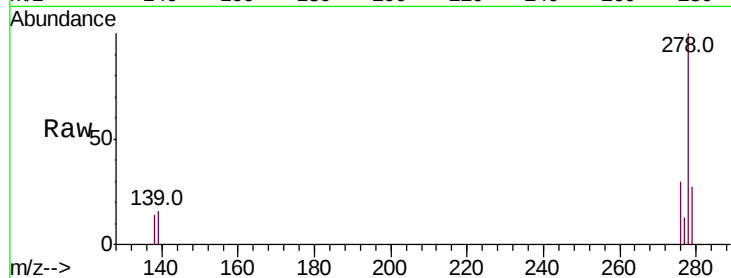




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.165 ng/ul
 RT: 25.79 min Scan# 4298
 Delta R.T. 0.29 min
 Lab File: BE097477.D
 Acq: 13 Sep 2018 7:23

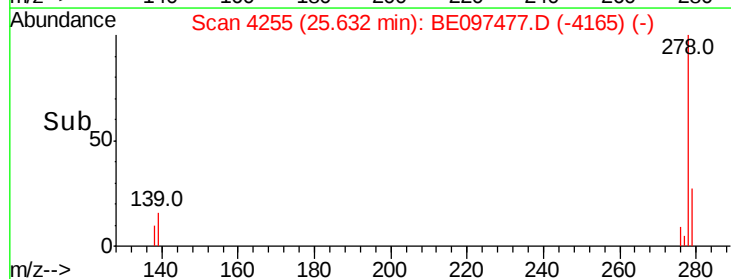
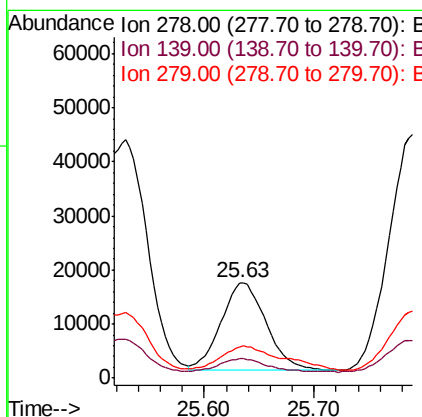
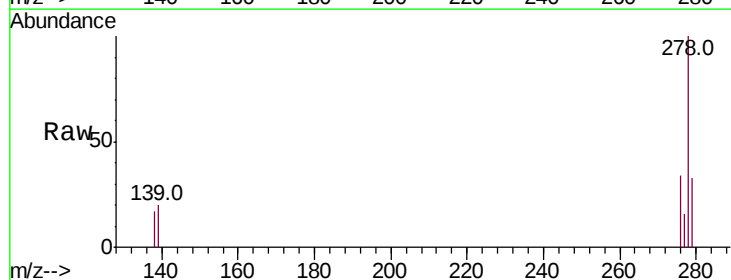
Instrument :
 BNA_E
 ClientSampleId :

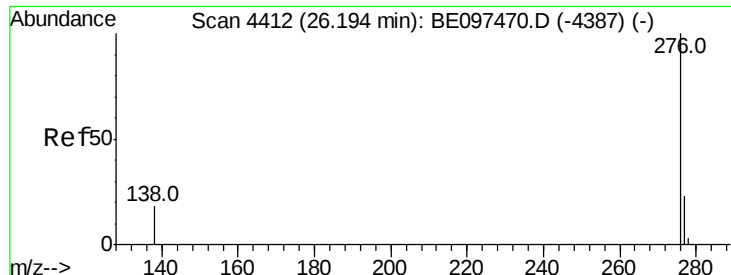
Tot Ion:276 Resp: 33302
 Ion Ratio Lower Upper
 276 100
 138 42.9 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 3.567 ng/ul
 RT: 25.63 min Scan# 4255
 Delta R.T. 0.12 min
 Lab File: BE097477.D
 Acq: 13 Sep 2018 7:23

Tgt Ion:278 Resp: 46487
 Ion Ratio Lower Upper
 278 100
 139 20.1 17.4 26.0
 279 33.2 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 32.047 ng/ul

RT: 26.22 min Scan# 4421

Delta R.T. 0.03 min

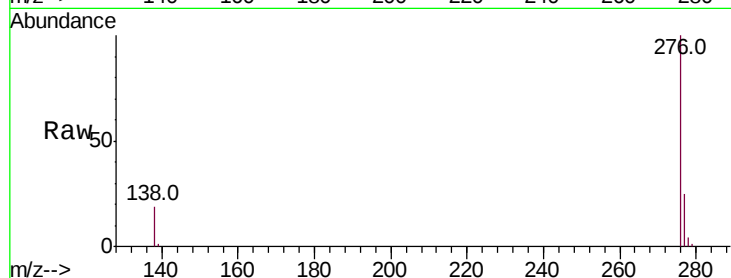
Lab File: BE097477.D

Acq: 13 Sep 2018 7:23

Instrument :

BNA_E

ClientSampleId :



Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	21.8	32.8
277	24.8	20.5	30.7

