

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097433.D
 Acq On : 7 Sep 2018 22:44
 Operator : SJ/JU
 Sample : J4688-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 08 02:50:23 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 : Sat Sep 08 02:48:59 2018
 Response via : Initial Calibration

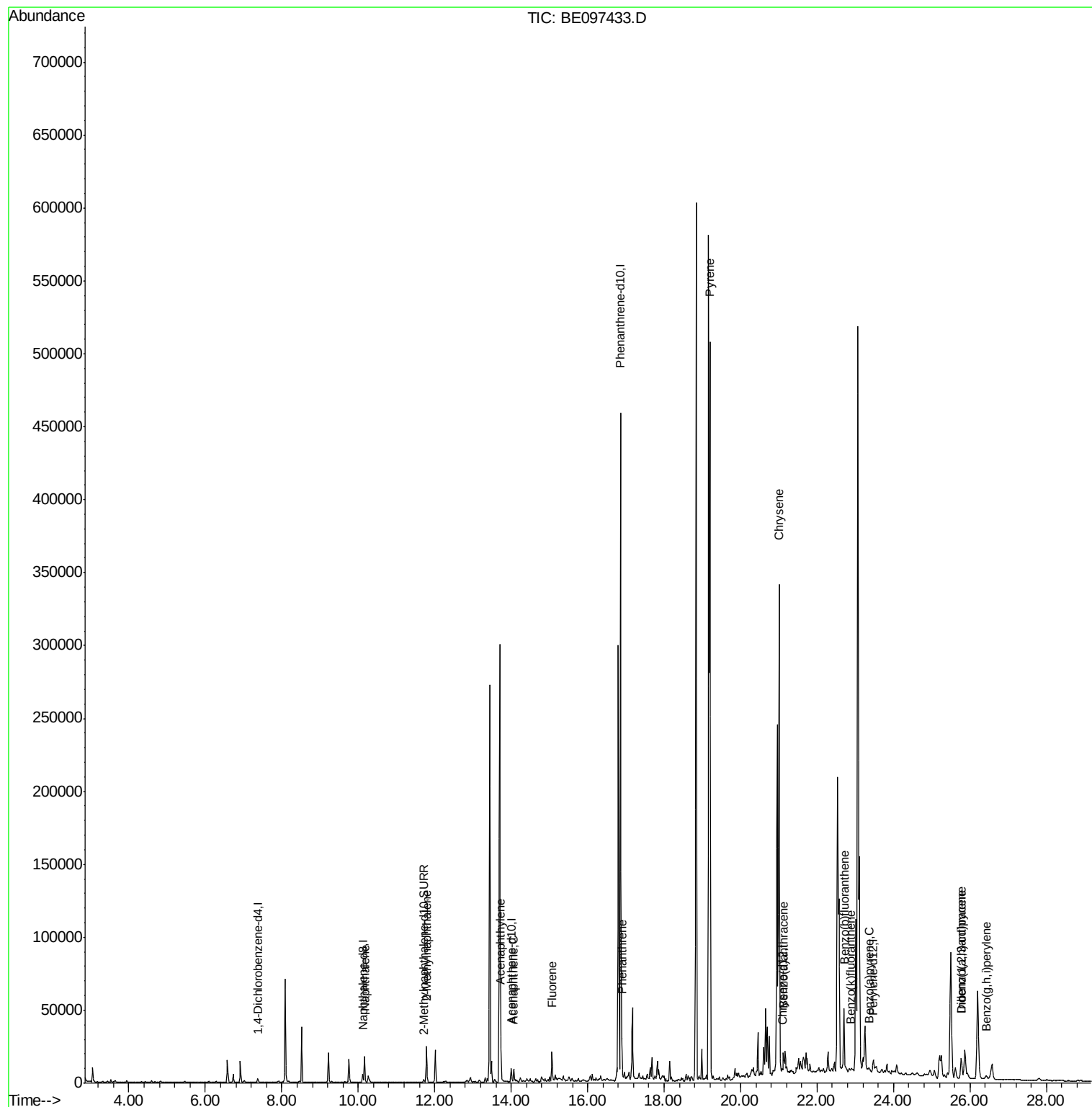
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1007	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5666	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4136	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	500434	0.40	ng/ul	0.10
16) Chrysene-d12	21.10	240	106	0.40	ng/ul	0.13
20) Perylene-d12	23.48	264	2313	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2413	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	144	0.00	ng/ul	0.10
Target Compounds						
					Ovalue	
3) Naphthalene	10.17	128	26306	1.904	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	20511	2.349	ng/ul	97
7) Acenaphthylene	13.73	152	37660	2.500	ng/ul	97
8) Acenaphthene	14.07	153	5555	0.429	ng/ul	96
9) Fluorene	15.06	166	10941	0.737	ng/ul	90
12) Phenanthrene	16.89	178	28739	0.022	ng/ul#	90
17) Pyrene	19.20	202	526147	1844.545	ng/ul#	81
18) Benzo(a)anthracene	21.12	228	13476	49.490	ng/ul#	52
19) Chrysene	21.00	228	291637	929.584	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	55747	9.000	ng/ul	93
22) Benzo(k)fluoranthene	22.90	252	1619	0.234	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	456	0.080	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.77	276	5549	0.747	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.77	278	21366	3.395	ng/ul	97
26) Benzo(g,h,i)perylene	26.43	276	4455	0.704	ng/ul#	74

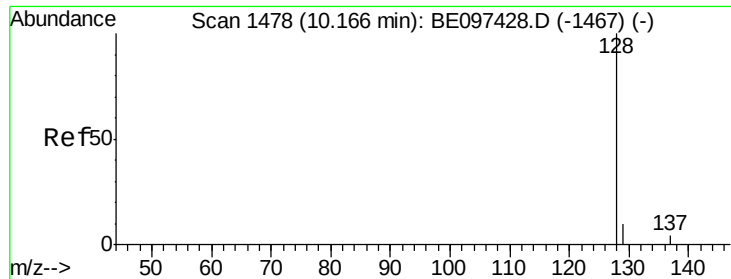
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.904 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

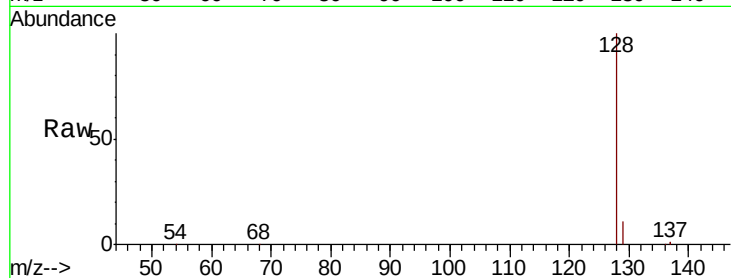
Tot Ion:128 Resp: 26306

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

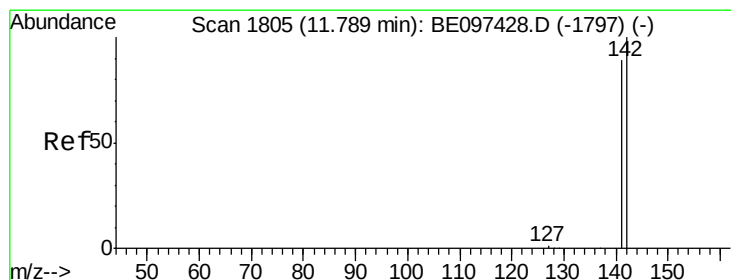
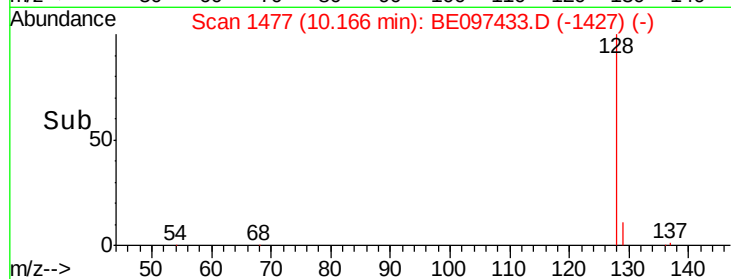
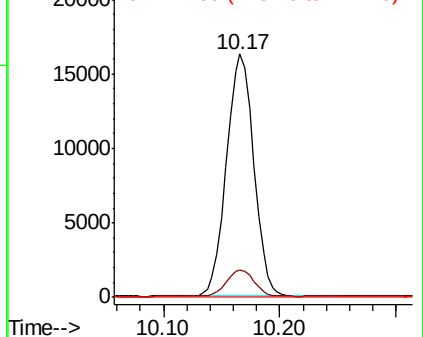
127 0.0 4.0 6.0#



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: 2.349 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BE097433.D

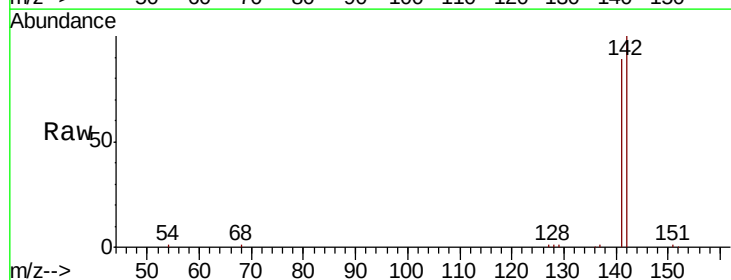
Acq: 7 Sep 2018 22:44

Tgt Ion:142 Resp: 20511

Ion Ratio Lower Upper

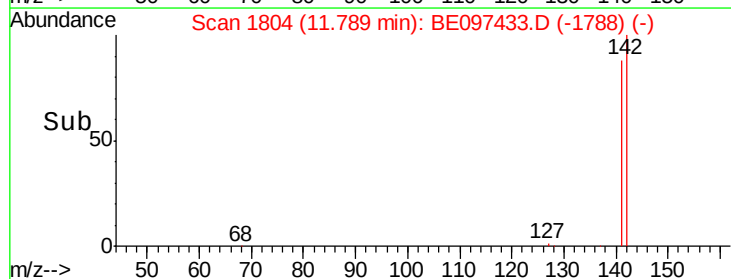
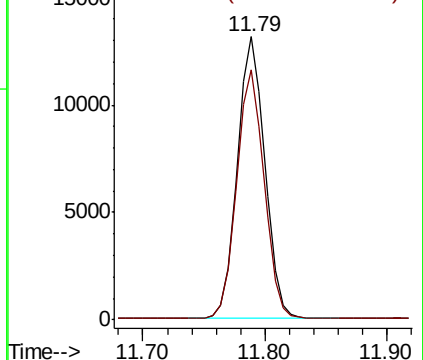
142 100

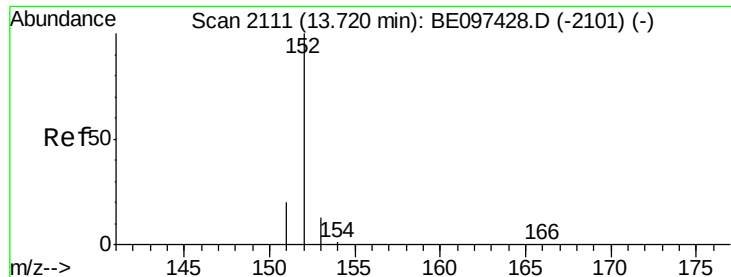
141 88.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.500 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

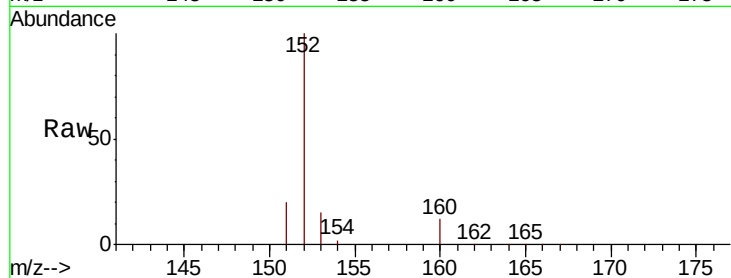
Tot Ion:152 Resp: 37660

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

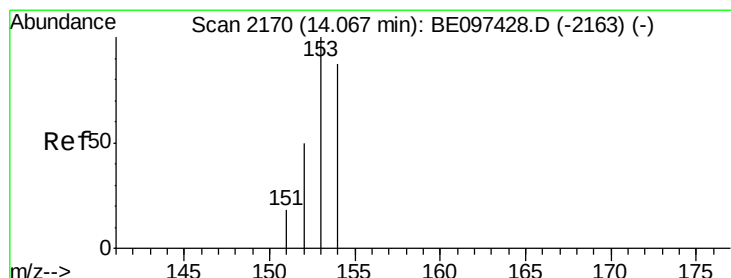
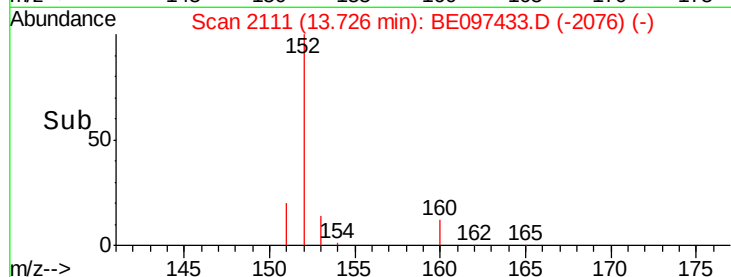
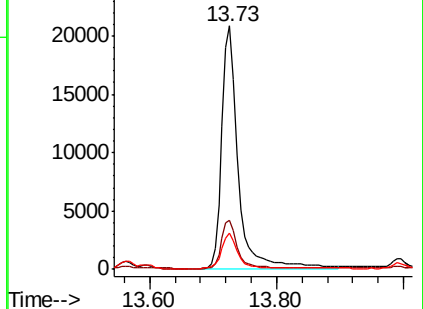
153 14.7 12.8 19.2



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: 0.429 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

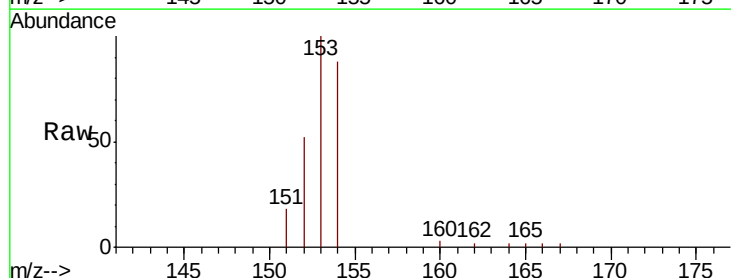
Tgt Ion:153 Resp: 5555

Ion Ratio Lower Upper

153 100

152 51.5 36.0 54.0

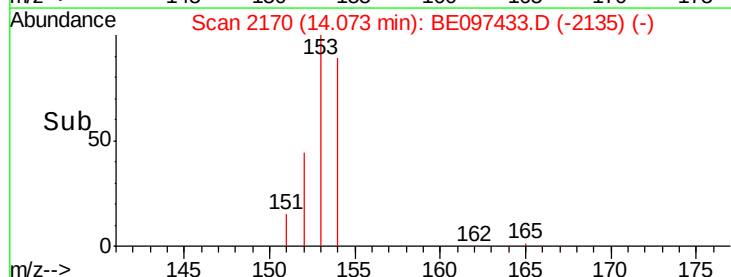
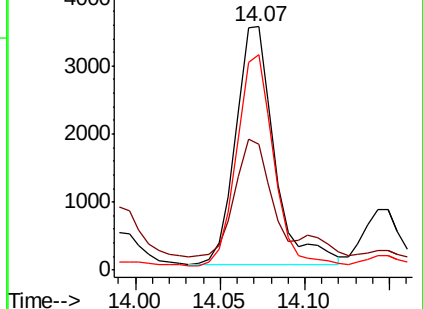
154 88.4 72.0 108.0

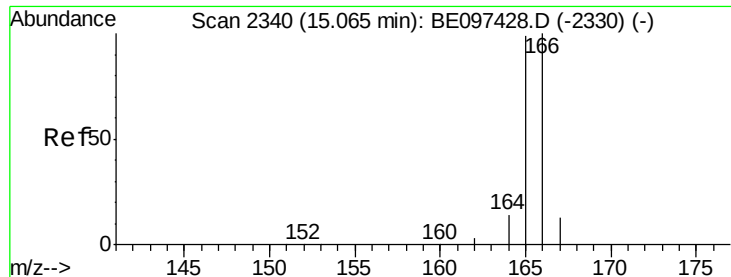


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

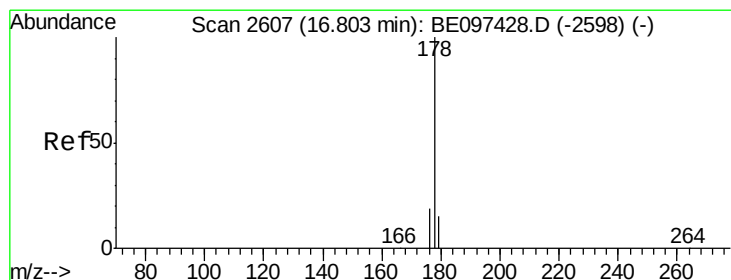
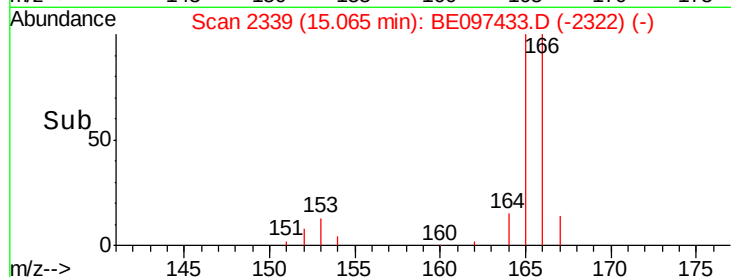
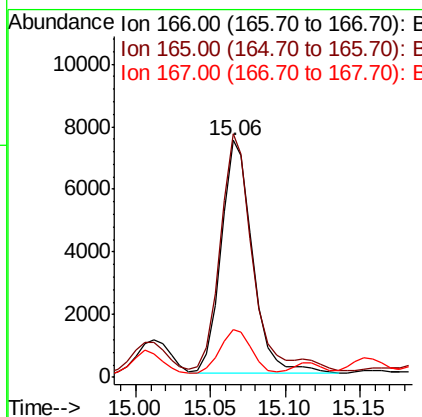
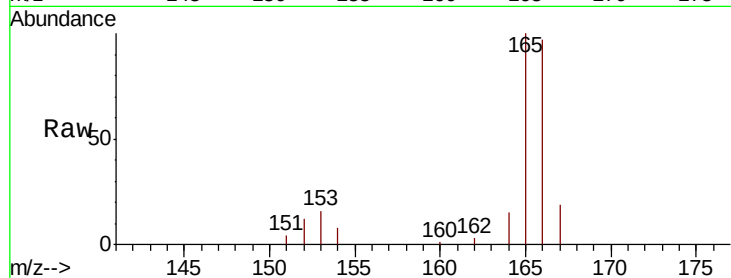




#9
Fluorene
 Concen: 0.737 ng/ul
 RT: 15.06 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

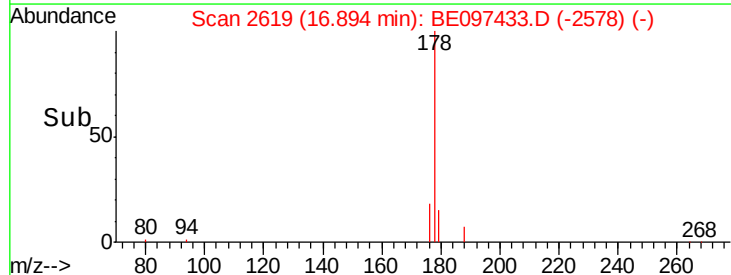
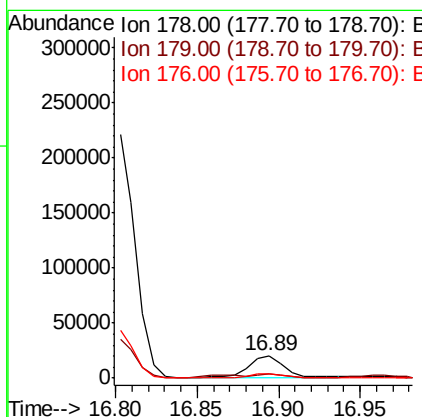
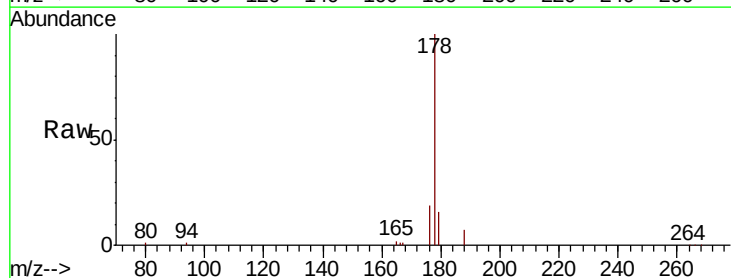
Instrument :
 BNA_E
 ClientSampleId :

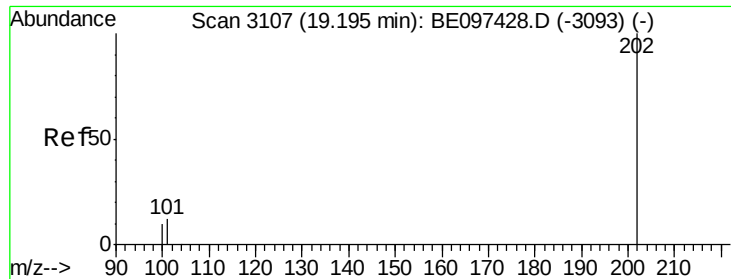
Tot Ion:166 Resp: 10941
 Ion Ratio Lower Upper
 166 100
 165 102.7 73.4 110.2
 167 19.9 14.6 22.0



#12
Phenanthrene
 Concen: 0.022 ng/ul
 RT: 16.89 min Scan# 2619
 Delta R.T. 0.09 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Tgt Ion:178 Resp: 28739
 Ion Ratio Lower Upper
 178 100
 179 16.3 18.4 27.6#
 176 18.8 13.6 20.4

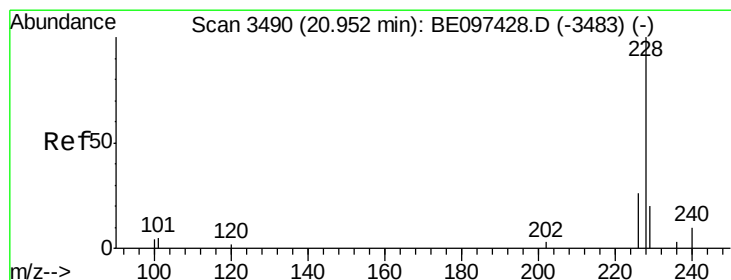
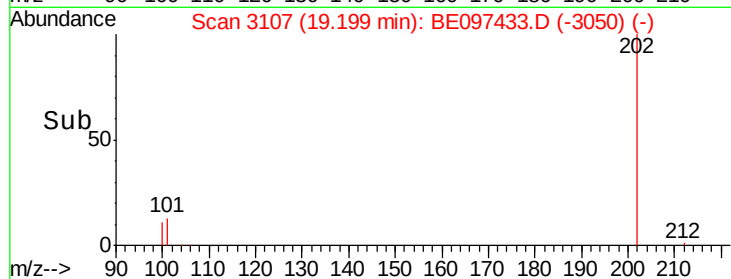
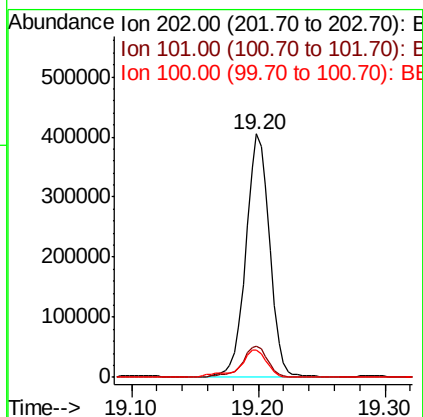
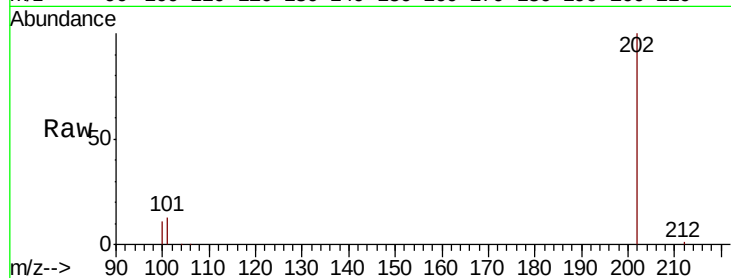




#17
Pvrene
Concen: 1844.545 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097433.D
Acq: 7 Sep 2018 22:44

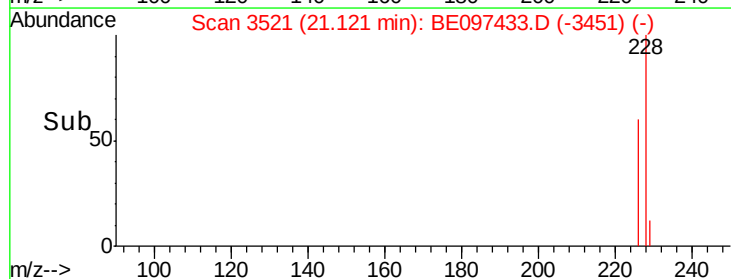
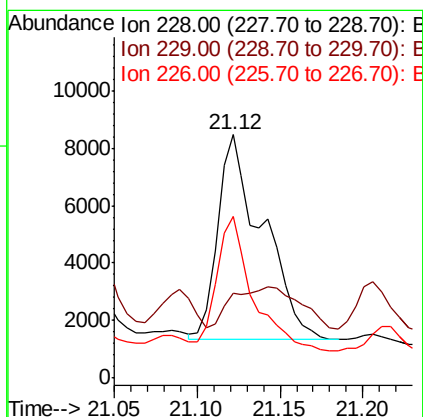
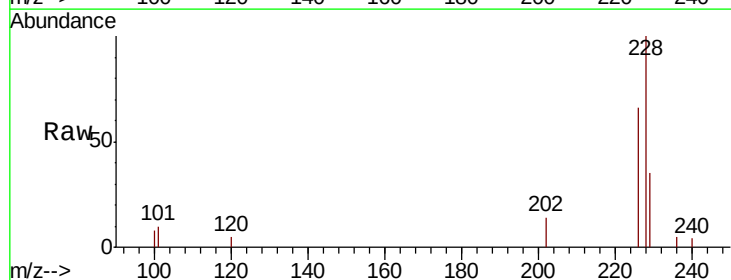
Instrument :
BNA_E
ClientSampleId :

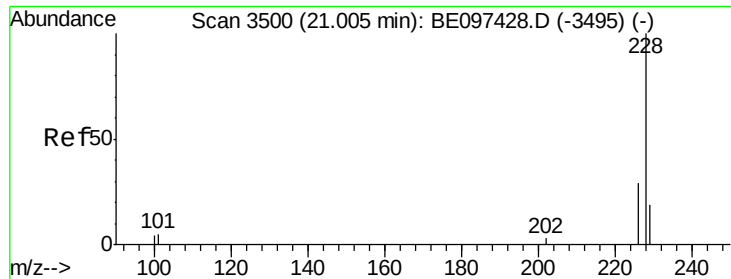
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	11.1	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 49.490 ng/ul
RT: 21.12 min Scan# 3521
Delta R.T. 0.17 min
Lab File: BE097433.D
Acq: 7 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	34.7	22.8	34.2#
226	66.4	17.0	25.6#





#19

Chrysene

Concen: 929.584 ng/ul

RT: 21.00 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

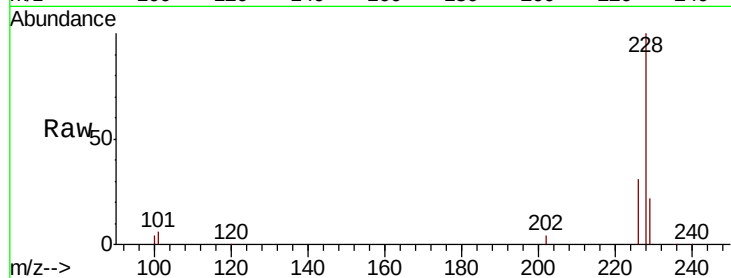
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 291637

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	21.8	17.7	26.5

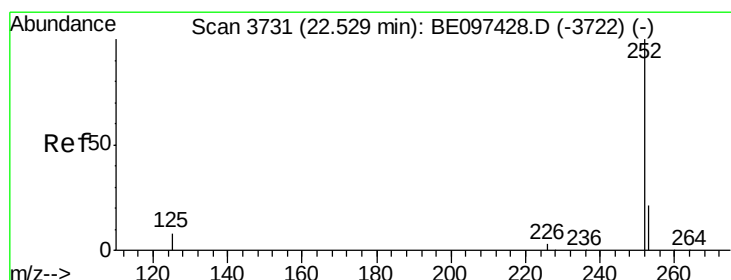
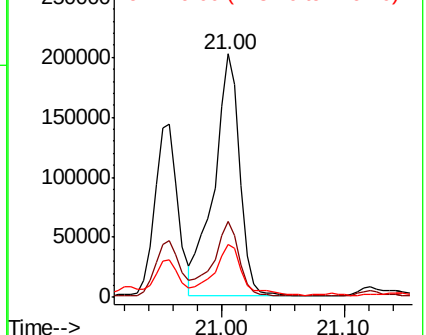
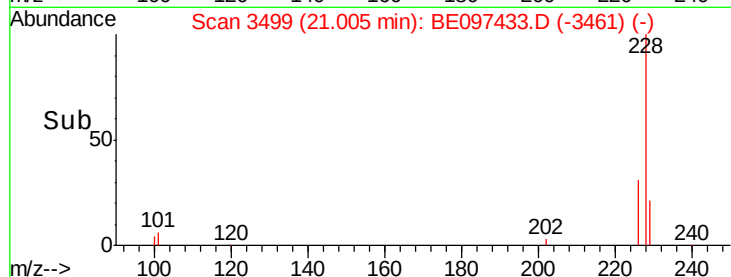


Abundance

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: 9.000 ng/ul

RT: 22.70 min Scan# 3755

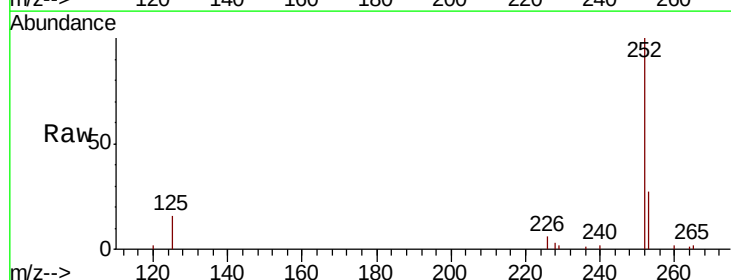
Delta R.T. 0.18 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Tgt Ion:252 Resp: 55747

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	64.2
125	16.0	0.0	35.0

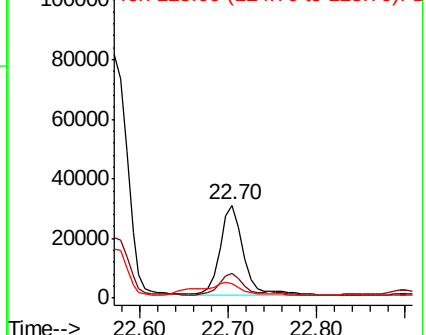
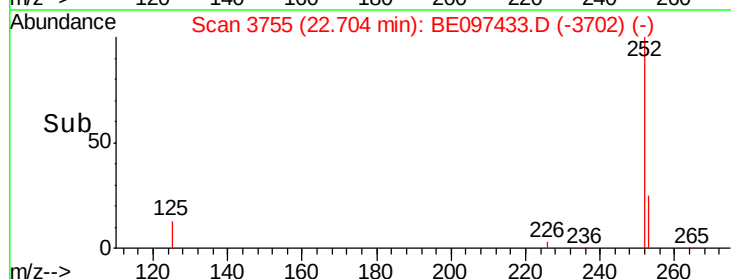


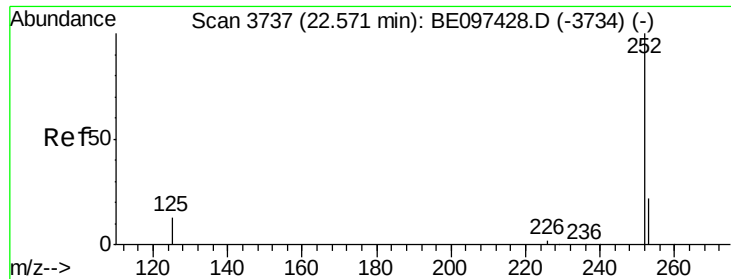
Abundance

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: 0.234 ng/ul

RT: 22.90 min Scan# 3783

Delta R.T. 0.33 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

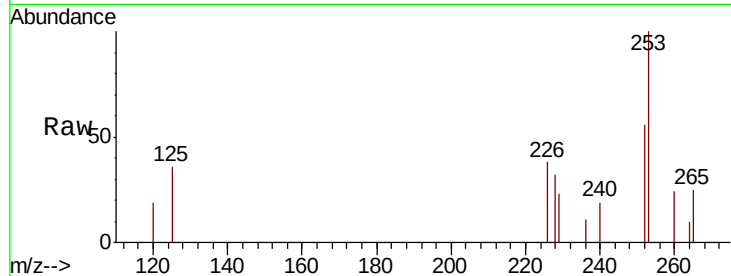
Tot Ion:252 Resp: 1619

Ion Ratio Lower Upper

252 100

253 179.8 24.5 36.7#

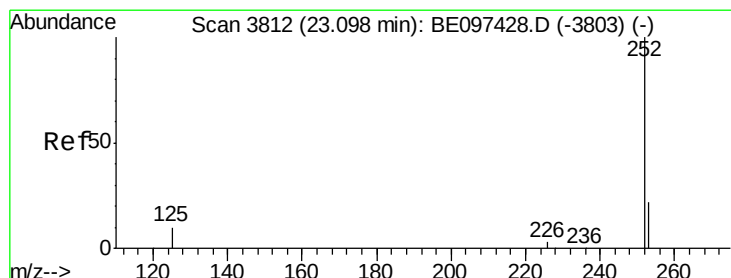
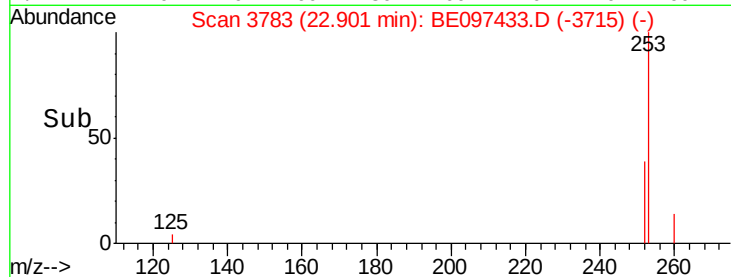
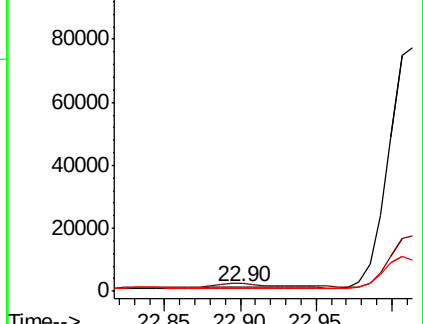
125 65.0 13.7 20.5#



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: 0.080 ng/ul

RT: 23.36 min Scan# 3848

Delta R.T. 0.26 min

Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

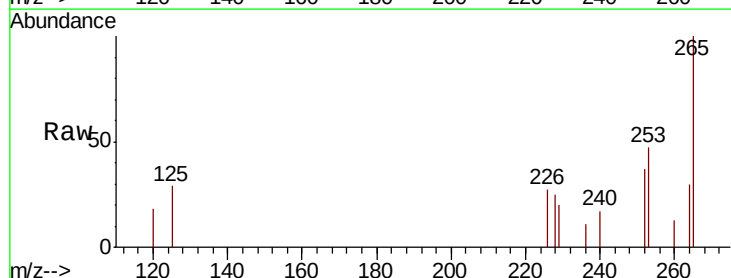
Tgt Ion:252 Resp: 456

Ion Ratio Lower Upper

252 100

253 127.7 28.5 42.7#

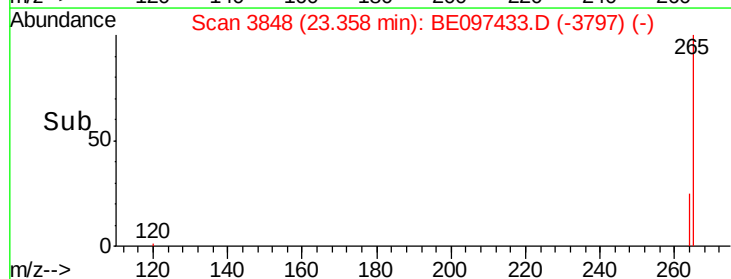
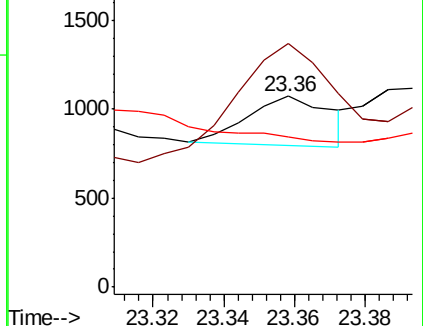
125 78.8 18.1 27.1#

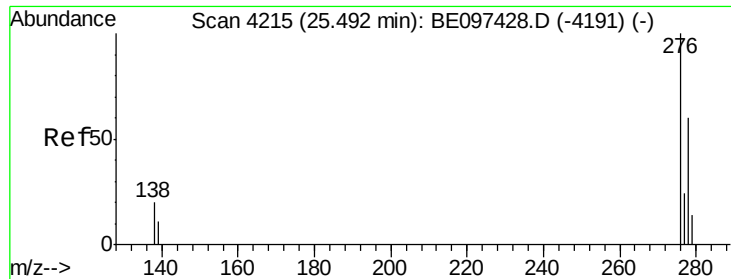


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

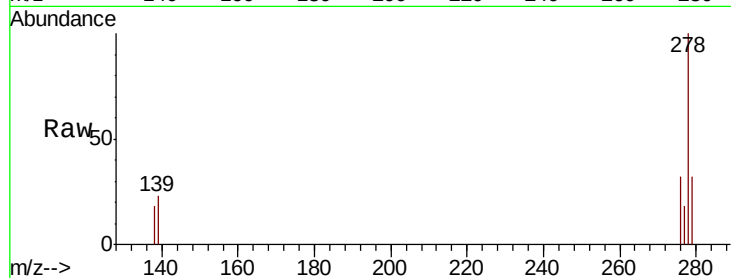




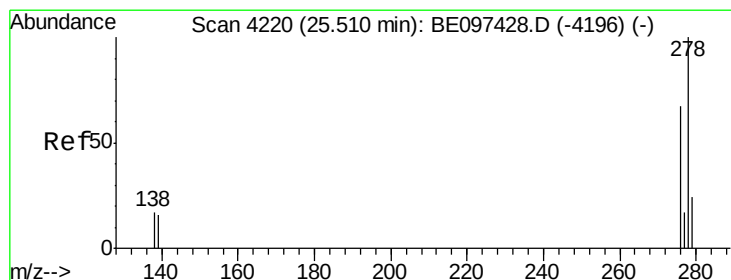
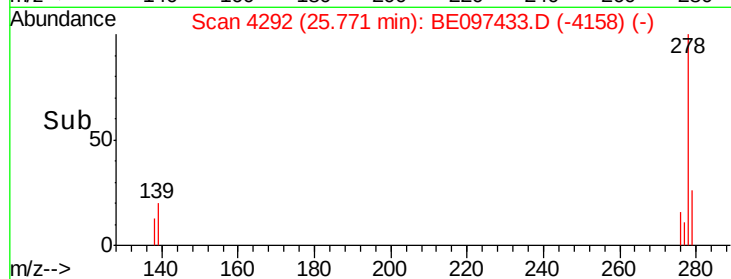
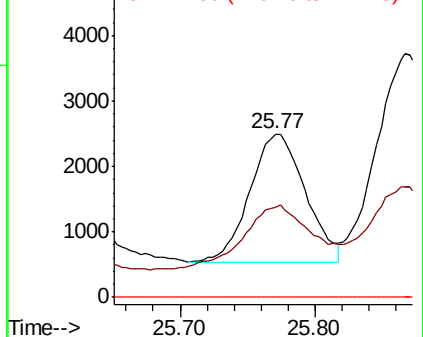
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.747 ng/ul
 RT: 25.77 min Scan# 4292
 Delta R.T. 0.28 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 5549
 Ion Ratio Lower Upper
 276 100
 138 66.8 28.0 42.0#
 227 0.0 8.0 12.0#

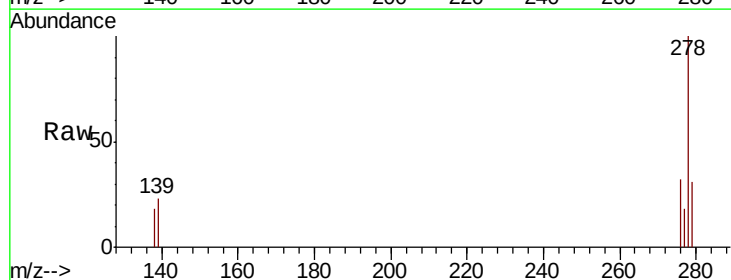


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

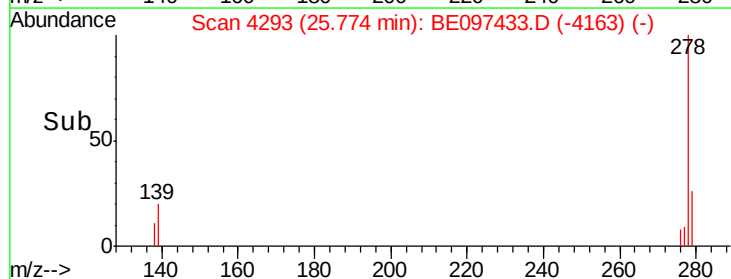
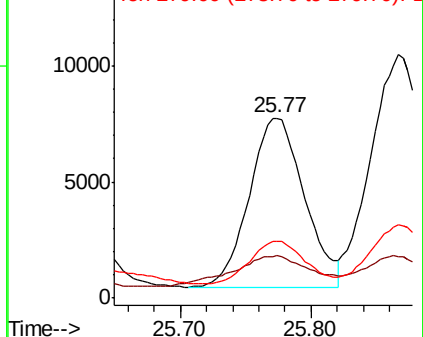


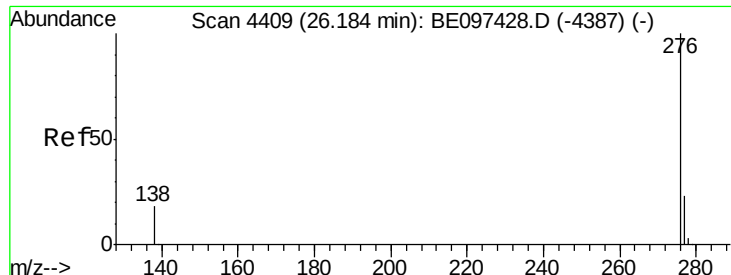
#25
 Dibenzo(a,h)anthracene
 Concen: 3.395 ng/ul
 RT: 25.77 min Scan# 4293
 Delta R.T. 0.26 min
 Lab File: BE097433.D
 Acq: 7 Sep 2018 22:44

Tgt Ion:278 Resp: 21366
 Ion Ratio Lower Upper
 278 100
 139 23.5 17.4 26.0
 279 31.3 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.704 ng/ul

RT: 26.43 min Scan# 4476

Delta R.T. 0.24 min

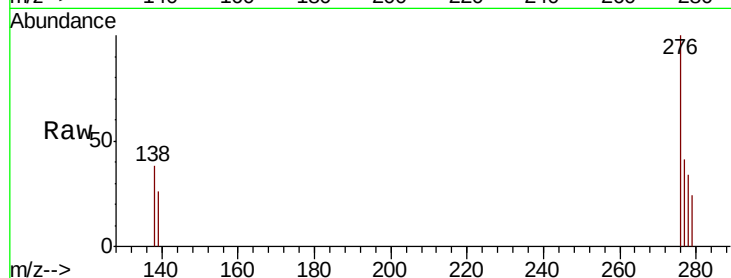
Lab File: BE097433.D

Acq: 7 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :



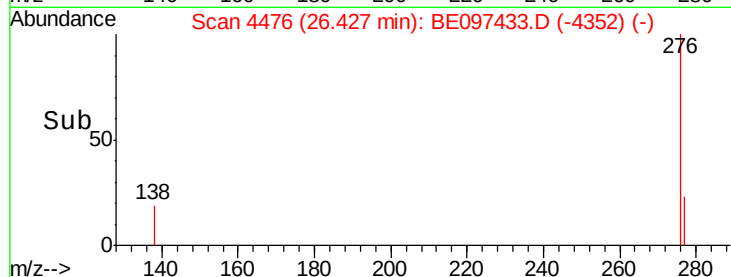
Tot Ion: 276 Resp: 4455

Ion Ratio Lower Upper

276 100

138 38.1 21.8 32.8#

277 41.1 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

