

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097424.D
 Acq On : 7 Sep 2018 14:34
 Operator : SJ/JU
 Sample : J4688-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 07 23:51:29 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 : Fri Sep 07 23:49:56 2018
 Response via : Initial Calibration

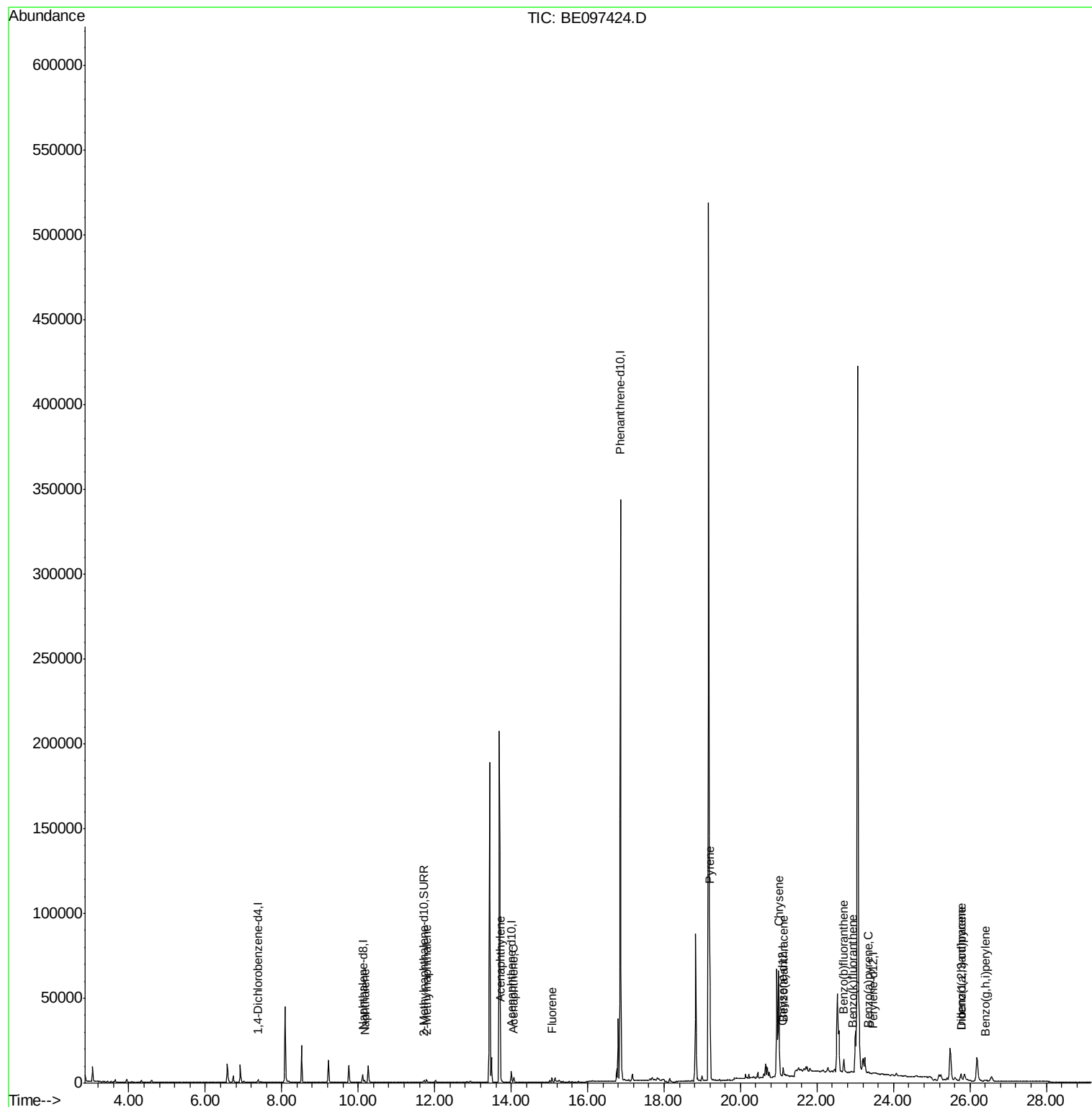
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	862	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3362	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	389841	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	41	0.40	ng/ul	0.14
20) Perylene-d12	23.46	264	252	0.40	ng/ul	0.25
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1618	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	1932	0.173	ng/ul#	95
5) 2-Methylnaphthalene	11.79	142	1186	0.168	ng/ul	97
7) Acenaphthylene	13.72	152	2482	0.203	ng/ul	97
8) Acenaphthene	14.07	153	1558	0.148	ng/ul	93
9) Fluorene	15.07	166	1587	0.132	ng/ul#	91
17) Pyrene	19.20	202	91950	833.405	ng/ul#	78
18) Benzo(a)anthracene	21.12	228	4538	43.087	ng/ul#	53
19) Chrysene	21.00	228	56504	465.637	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	10901	16.153	ng/ul#	75
22) Benzo(k)fluoranthene	22.92	252	749	0.995	ng/ul#	1
23) Benzo(a)pyrene	23.35	252	469	0.751	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.77	276	1578	1.950	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.77	278	6023	8.785	ng/ul#	93
26) Benzo(g,h,i)perylene	26.40	276	667	0.967	ng/ul#	23

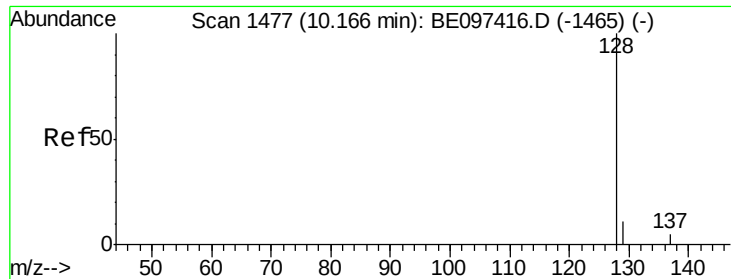
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 07 23:49:56 2018
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#3

Naphthalene

Concen: 0.173 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

ClientSampleId :

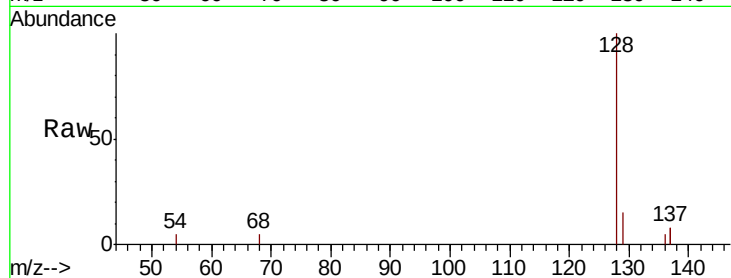
Tot Ion:128 Resp: 1932

Ion Ratio Lower Upper

128 100

129 14.8 11.3 16.9

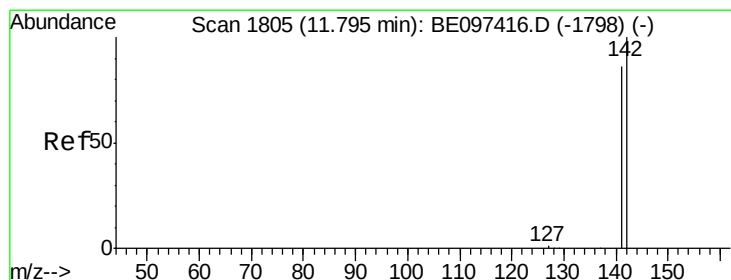
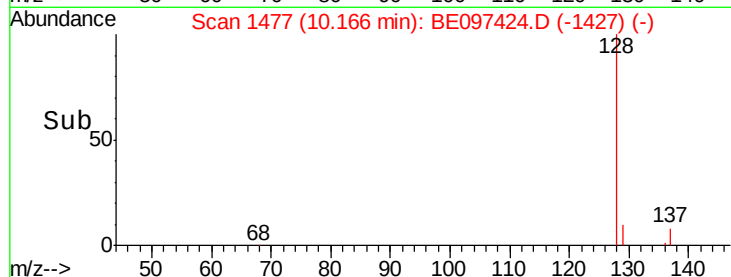
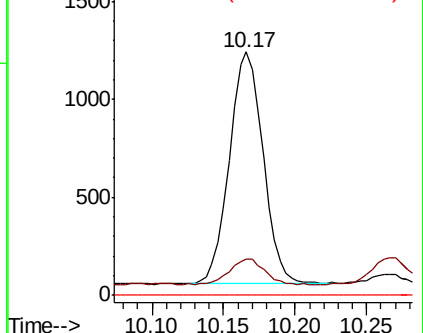
127 0.0 4.0 6.0#



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: 0.168 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BE097424.D

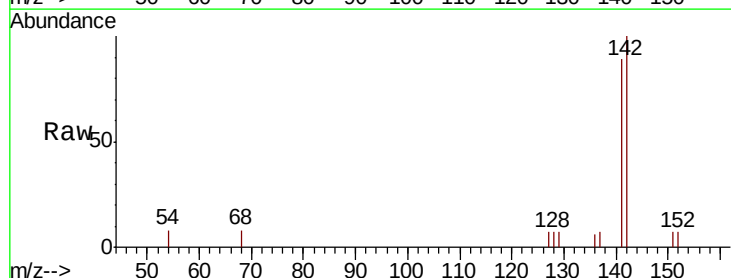
Acq: 7 Sep 2018 14:34

Tgt Ion:142 Resp: 1186

Ion Ratio Lower Upper

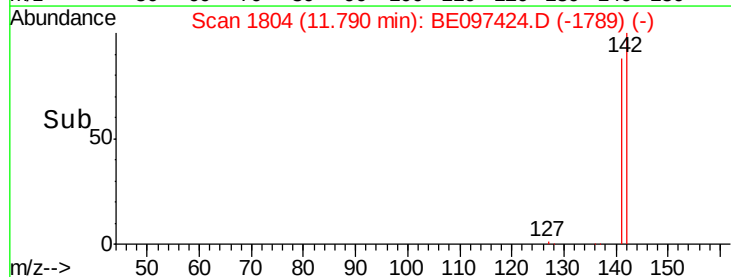
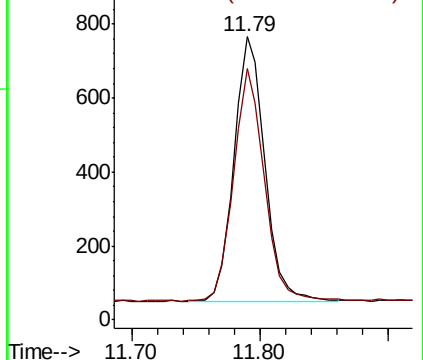
142 100

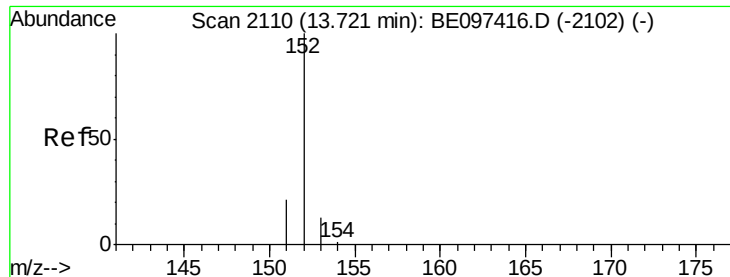
141 88.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.203 ng/ul

RT: 13.72 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

ClientSampleId :

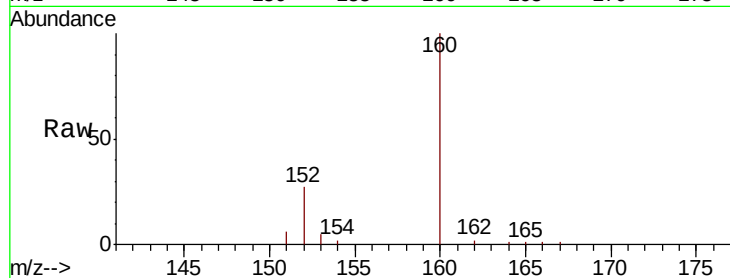
Tot Ion:152 Resp: 2482

Ion Ratio Lower Upper

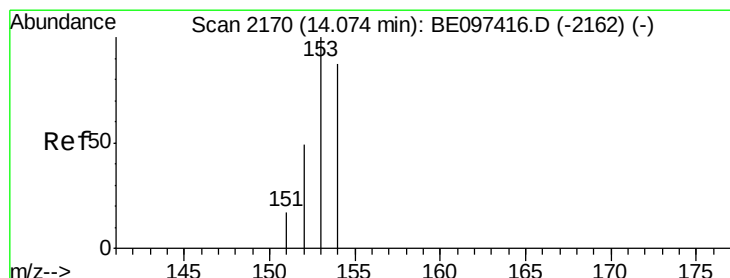
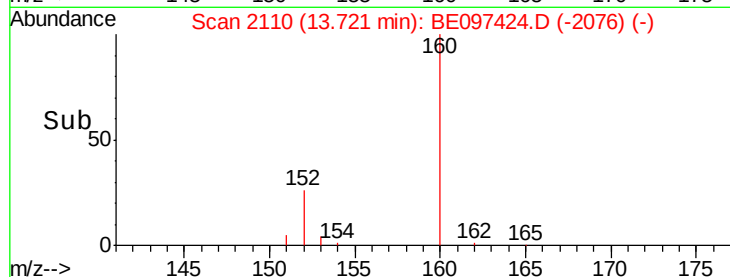
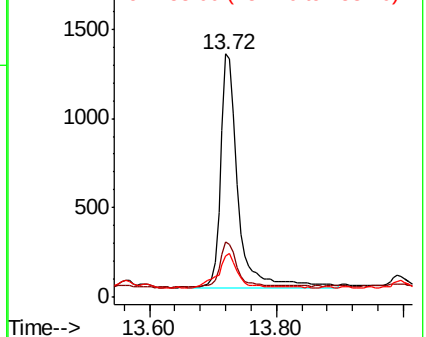
152 100

151 22.9 17.1 25.7

153 17.0 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: 0.148 ng/ul

RT: 14.07 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

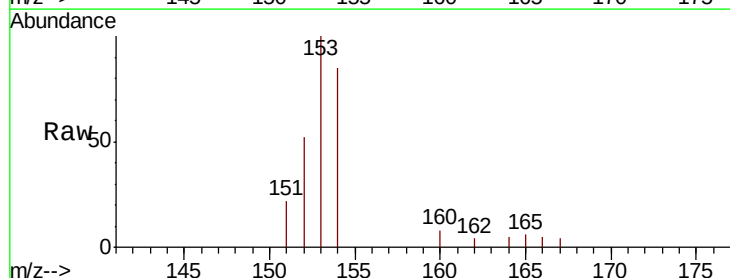
Tgt Ion:153 Resp: 1558

Ion Ratio Lower Upper

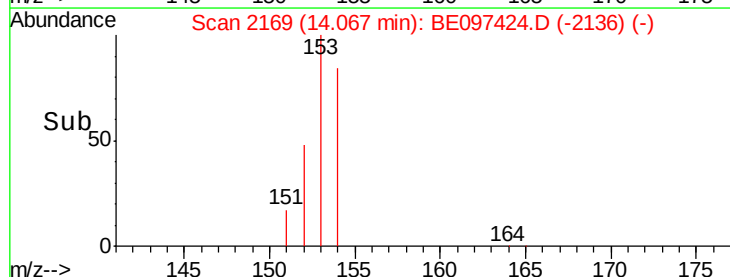
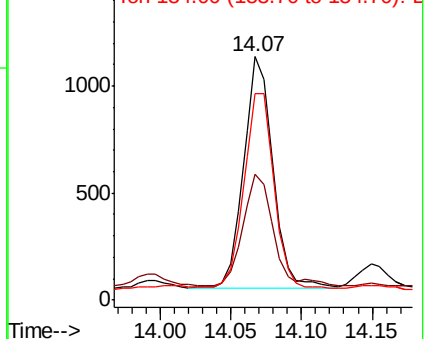
153 100

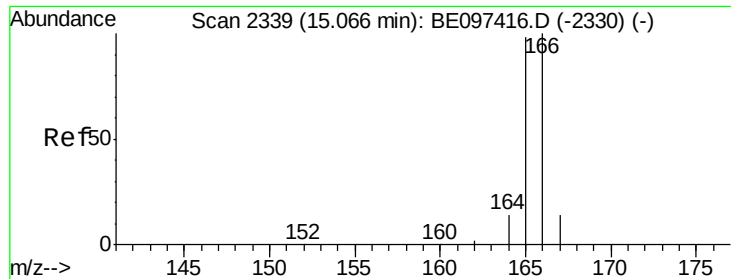
152 51.9 36.0 54.0

154 84.9 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: 0.132 ng/ul

RT: 15.07 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

ClientSampleId :

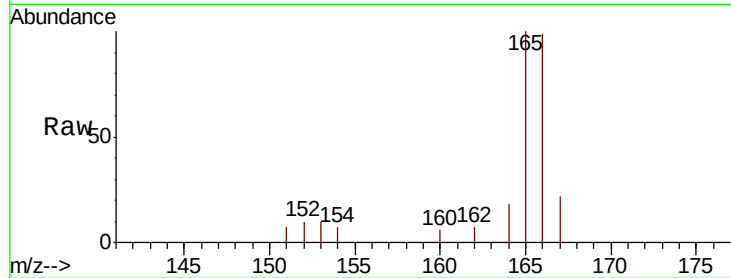
Tot Ion:166 Resp: 1587

Ion Ratio Lower Upper

166 100

165 100.6 73.4 110.2

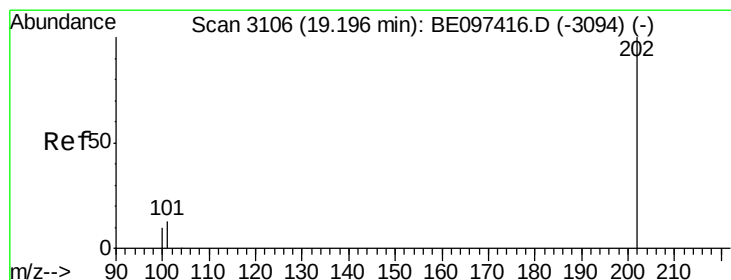
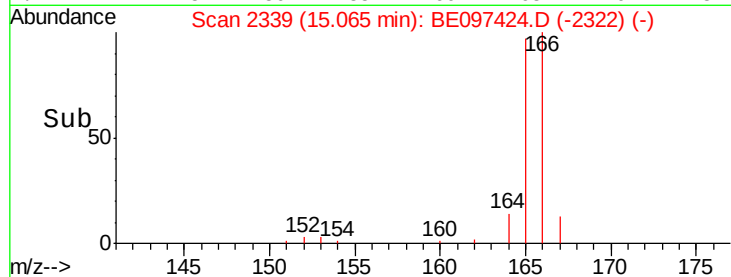
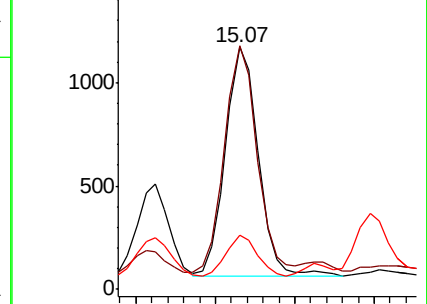
167 22.3 14.6 22.0#



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



#17

Pyrene

Concen: 833.405 ng/ul

RT: 19.20 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

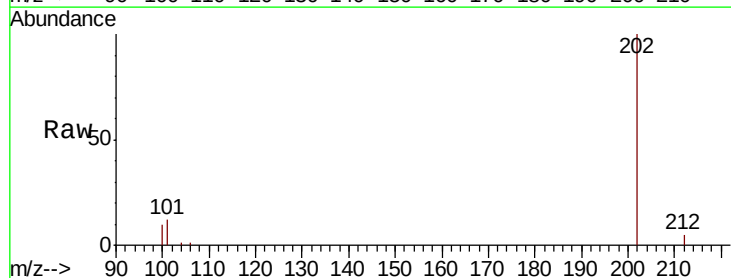
Tgt Ion:202 Resp: 91950

Ion Ratio Lower Upper

202 100

101 11.9 18.2 27.4#

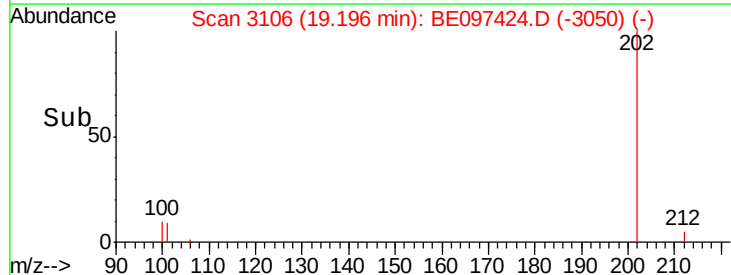
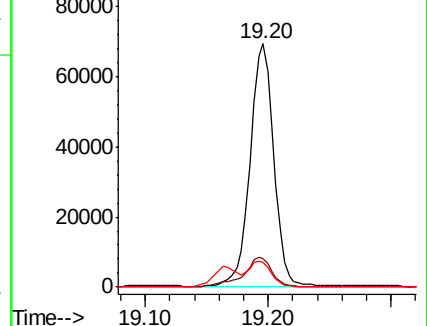
100 10.1 15.6 23.4#

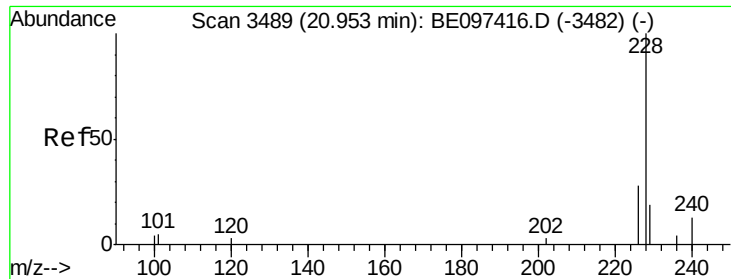


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

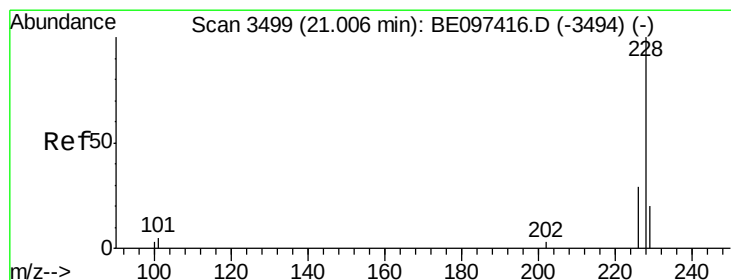
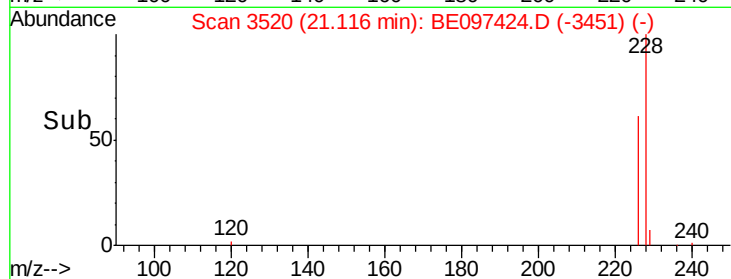
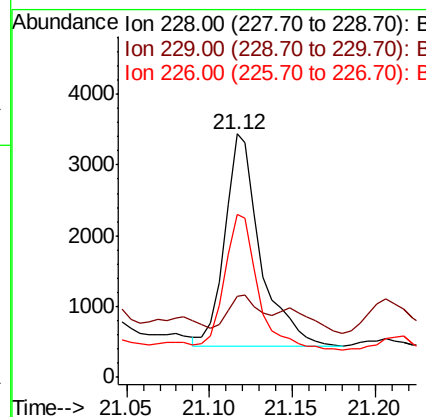
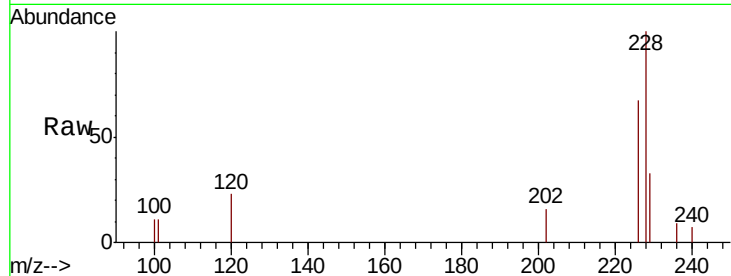




#18
Benzo(a)anthracene
Concen: 43.087 ng/ul
RT: 21.12 min Scan# 3520
Delta R.T. 0.16 min
Lab File: BE097424.D
Acq: 7 Sep 2018 14:34

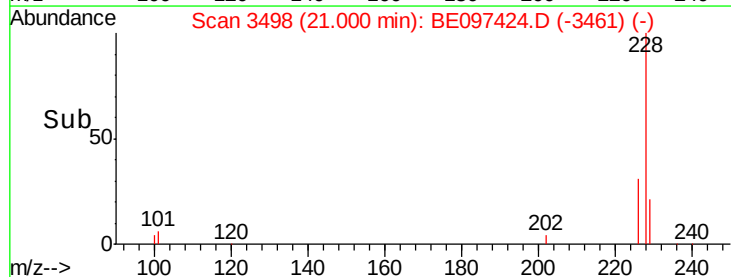
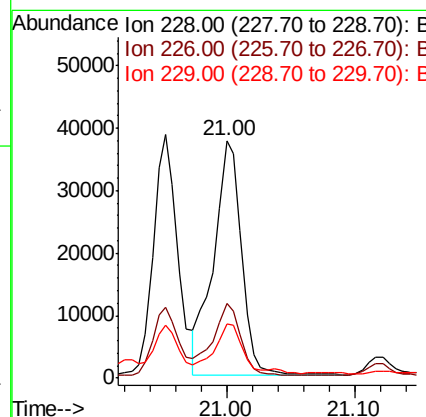
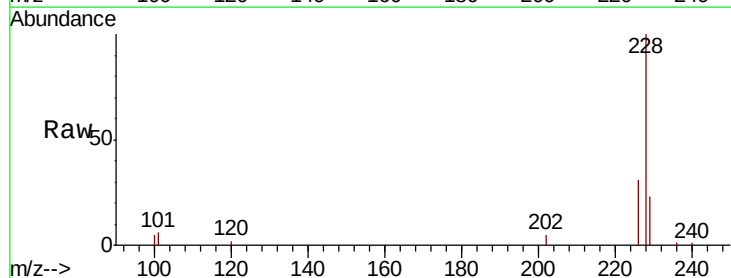
Instrument :
BNA_E
ClientSampleId :

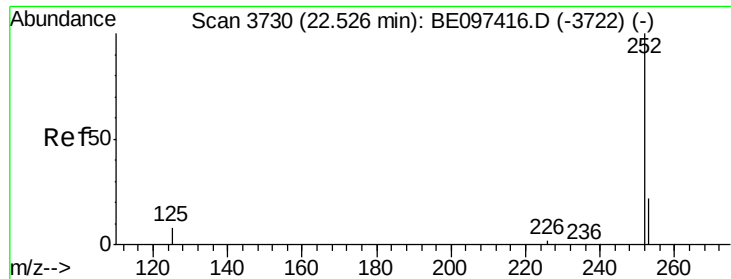
Tot Ion:228 Resp: 4538
Ion Ratio Lower Upper
228 100
229 33.2 22.8 34.2
226 67.2 17.0 25.6#



#19
Chrysene
Concen: 465.637 ng/ul
RT: 21.00 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BE097424.D
Acq: 7 Sep 2018 14:34

Tgt Ion:228 Resp: 56504
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.0
229 22.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 16.153 ng/ul

RT: 22.70 min Scan# 3754

Delta R.T. 0.17 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

ClientSampled :

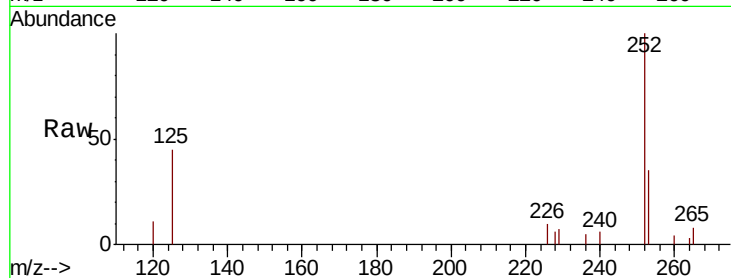
Tot Ion:252 Resp: 10901

Ion Ratio Lower Upper

252 100

253 34.8 0.0 64.2

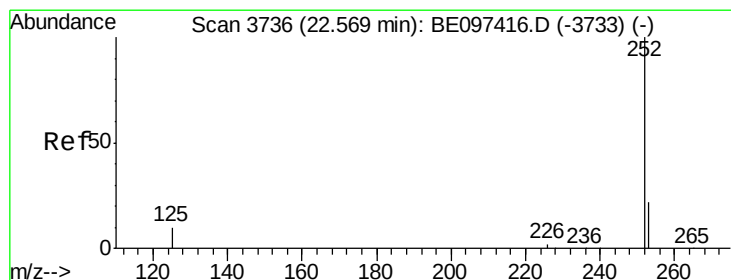
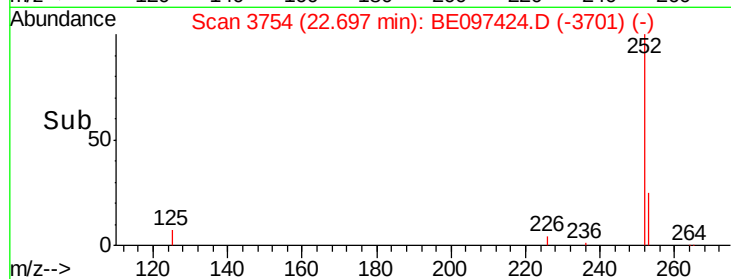
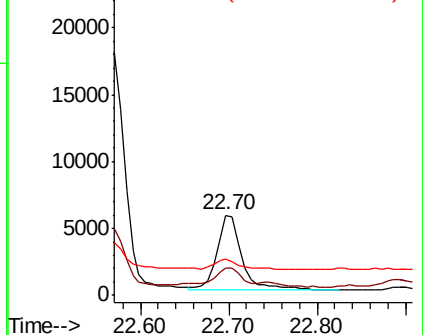
125 44.9 0.0 35.0#



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: 0.995 ng/ul

RT: 22.92 min Scan# 3786

Delta R.T. 0.35 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

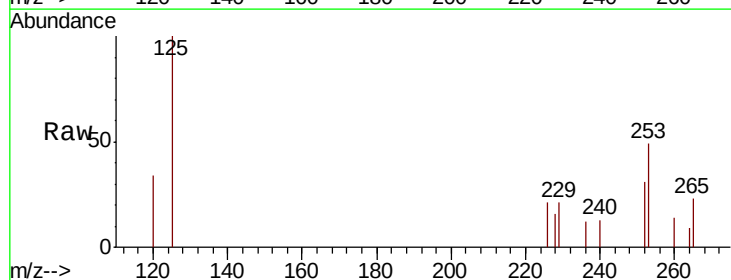
Tgt Ion:252 Resp: 749

Ion Ratio Lower Upper

252 100

253 157.4 24.5 36.7#

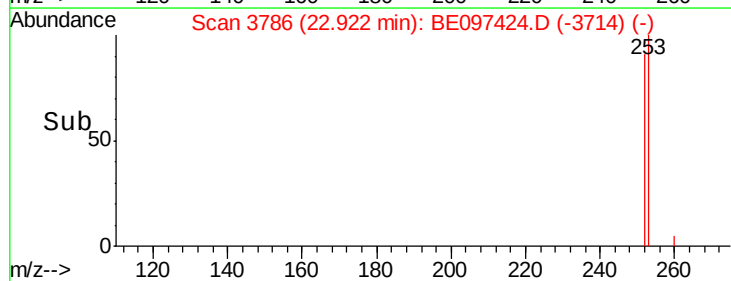
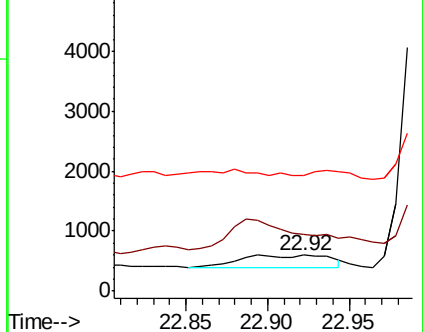
125 320.4 13.7 20.5#

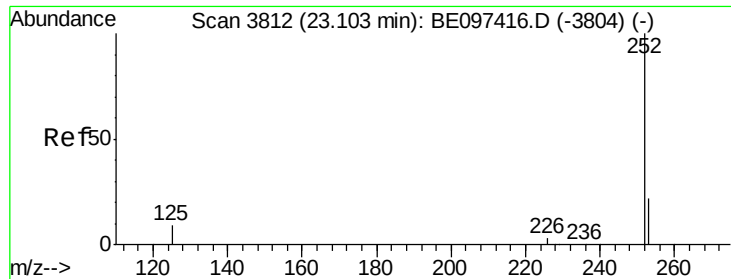


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.751 ng/ul

RT: 23.35 min Scan# 3847

Delta R.T. 0.25 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

ClientSampleId :

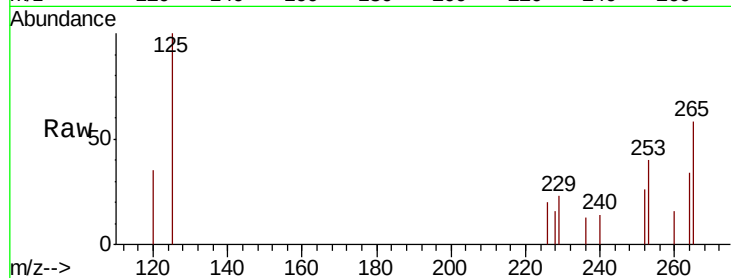
Tot Ion:252 Resp: 469

Ion Ratio Lower Upper

252 100

253 157.2 28.5 42.7#

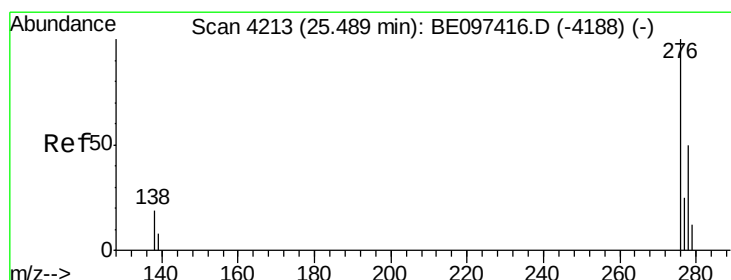
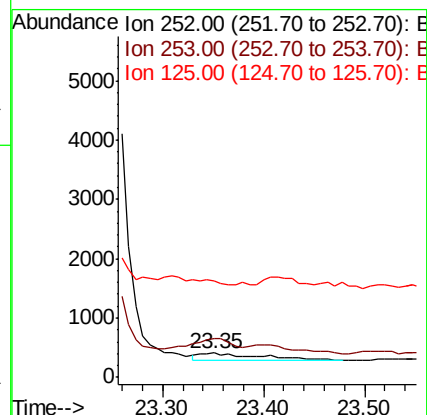
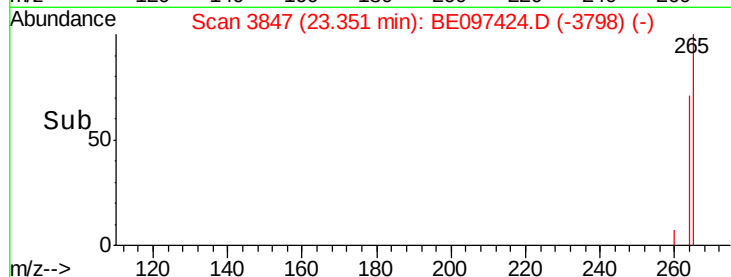
125 388.2 18.1 27.1#



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: 1.950 ng/ul

RT: 25.77 min Scan# 4291

Delta R.T. 0.28 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

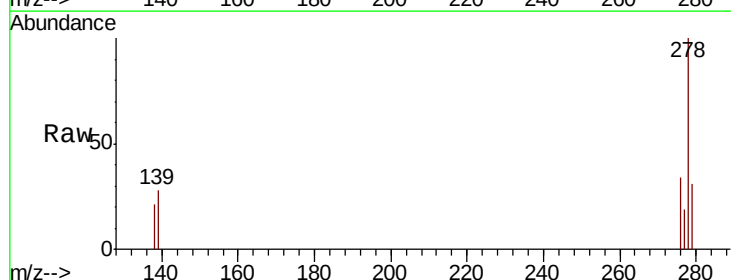
Tgt Ion:276 Resp: 1578

Ion Ratio Lower Upper

276 100

138 47.8 28.0 42.0#

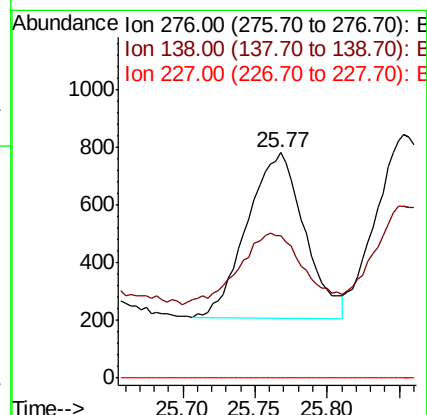
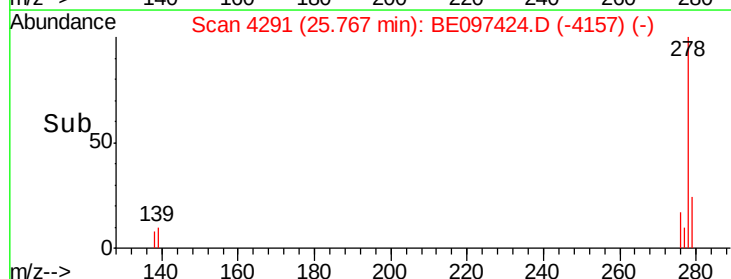
227 0.0 8.0 12.0#

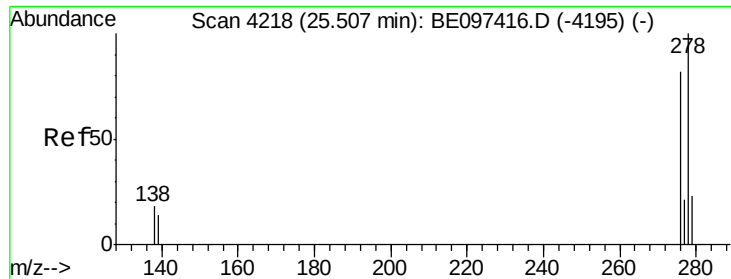


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

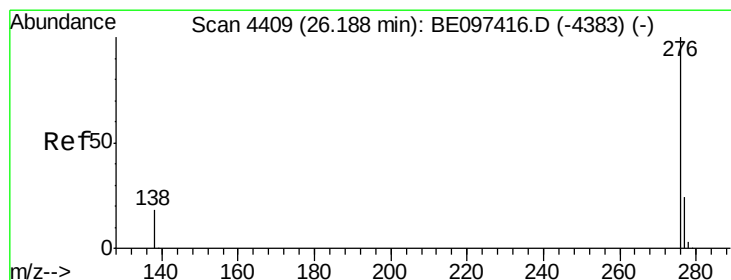
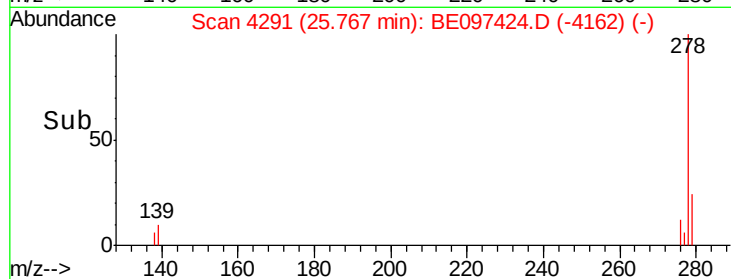
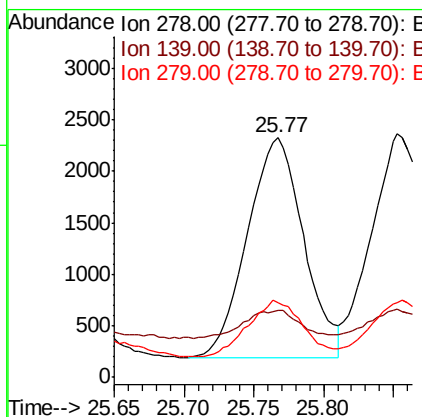
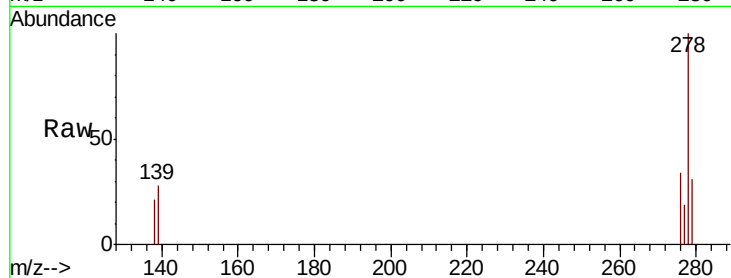




#25
Dibenzo(a,h)anthracene
Concen: 8.785 ng/ul
RT: 25.77 min Scan# 4291
Delta R.T. 0.26 min
Lab File: BE097424.D
Acq: 7 Sep 2018 14:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6023
Ion Ratio Lower Upper
278 100
139 28.0 17.4 26.0#
279 31.2 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.967 ng/ul
RT: 26.40 min Scan# 4469
Delta R.T. 0.21 min
Lab File: BE097424.D
Acq: 7 Sep 2018 14:34

Tgt Ion:276 Resp: 667
Ion Ratio Lower Upper
276 100
138 70.3 21.8 32.8#
277 61.8 20.5 30.7#

