

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097174.D
 Acq On : 3 Aug 2018 10:32
 Operator : SJ/JU
 Sample : J4172-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 11:26:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration

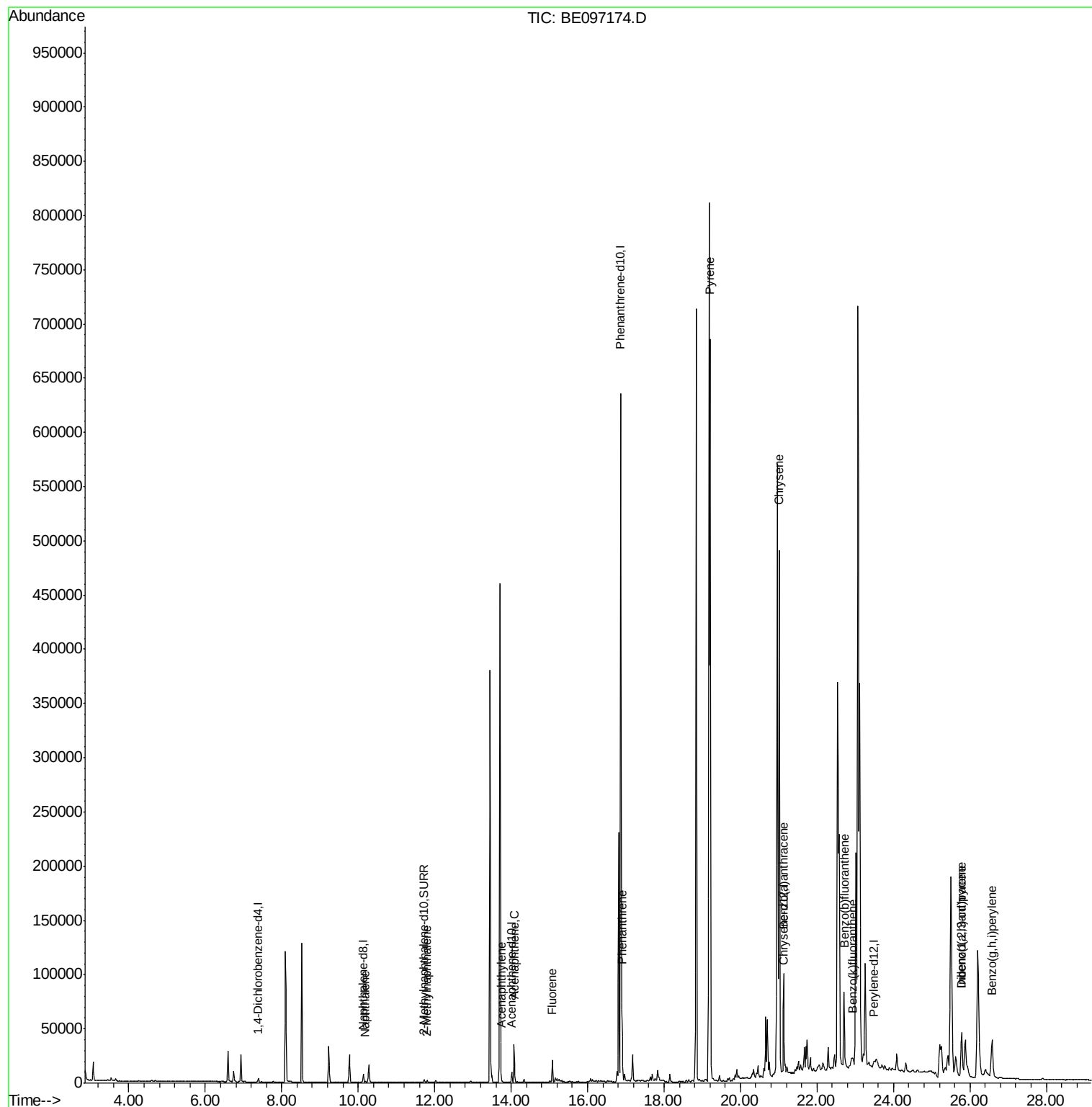
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1490	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7816	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5006	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	710520	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	258	0.40	ng/ul	0.14
20) Perylene-d12	23.48	264	2910	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3698	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	143	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	1929	0.102	ng/ul#	94
5) 2-Methylnaphthalene	11.80	142	1392	0.111	ng/ul	98
7) Acenaphthylene	13.74	152	978	0.045	ng/ul#	73
8) Acenaphthene	14.08	153	19204	1.227	ng/ul	96
9) Fluorene	15.08	166	12356	0.687	ng/ul	92
12) Phenanthrene	16.90	178	64855	0.036	ng/ul#	90
17) Pyrene	19.21	202	736006	1064.631	ng/ul#	78
18) Benzo(a)anthracene	21.13	228	63997	86.806	ng/ul#	51
19) Chrysene	21.01	228	423147	556.991	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	91316	11.513	ng/ul	92
22) Benzo(k)fluoranthene	22.94	252	12865	1.504	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.78	276	16278	1.639	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.78	278	62325	7.668	ng/ul#	92
26) Benzo(g,h,i)perylene	26.58	276	72900	8.493	ng/ul#	87

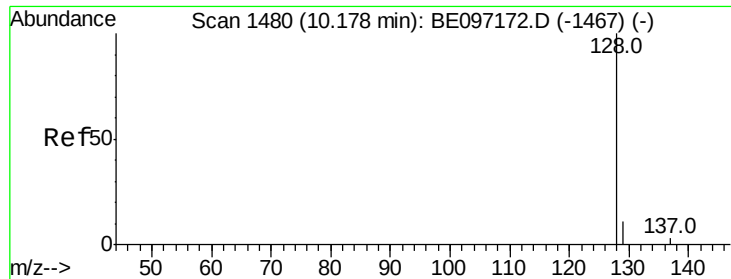
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 11:26:05 2018
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#3

Naphthalene

Concen: 0.102 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

Instrument :

BNA_E

ClientSampleId :

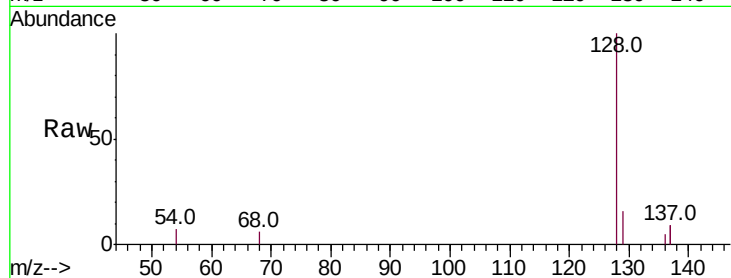
Tot Ion:128 Resp: 1929

Ion Ratio Lower Upper

128 100

129 15.5 11.3 16.9

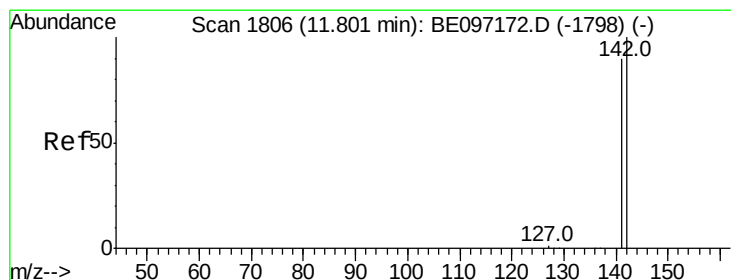
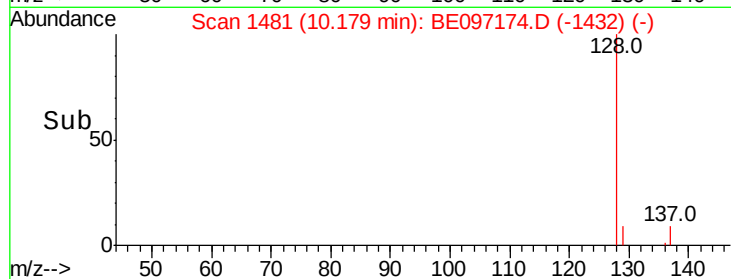
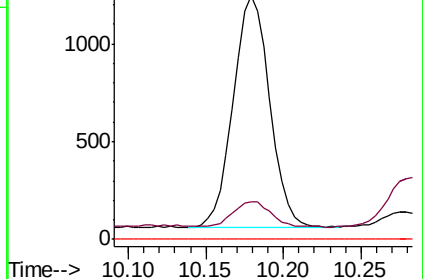
127 0.0 4.0 6.0#



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: 0.111 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097174.D

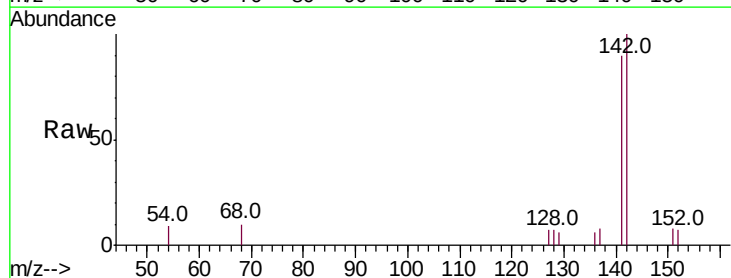
Acq: 3 Aug 2018 10:32

Tgt Ion:142 Resp: 1392

Ion Ratio Lower Upper

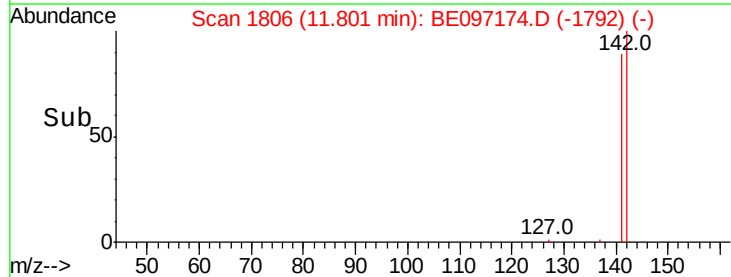
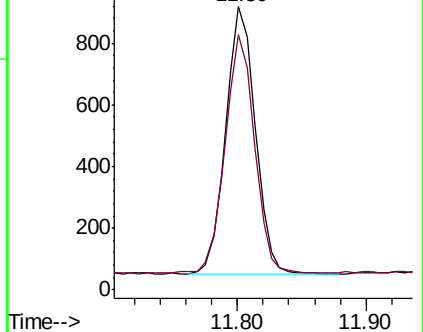
142 100

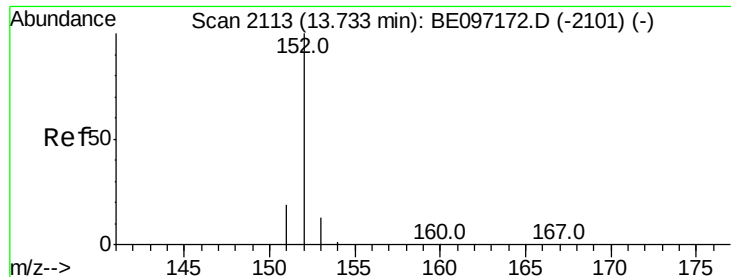
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.045 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

Instrument :

BNA_E

ClientSampleId :

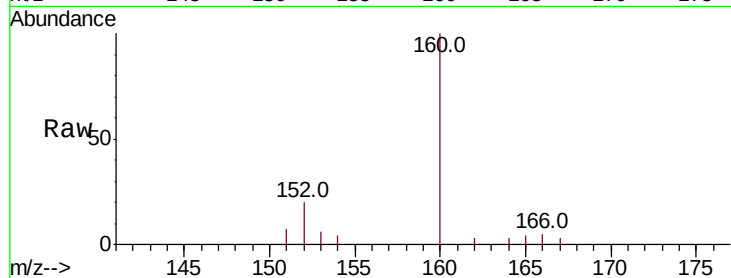
Tot Ion:152 Resp: 978

Ion Ratio Lower Upper

152 100

151 33.3 17.1 25.7#

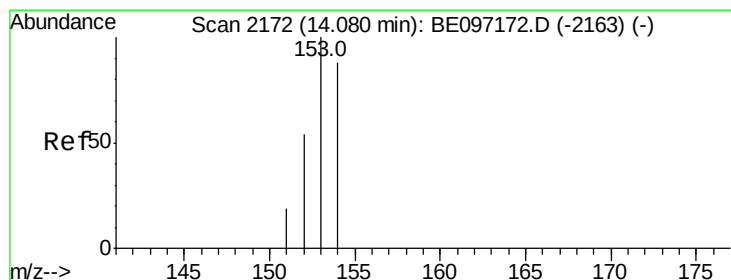
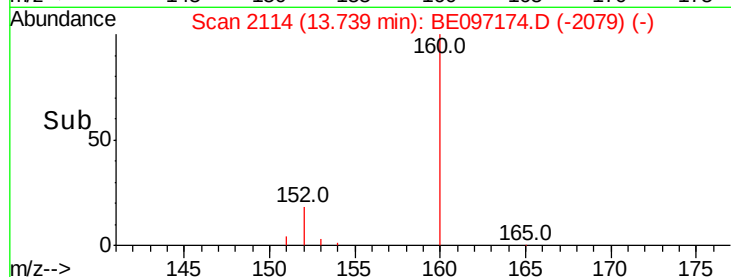
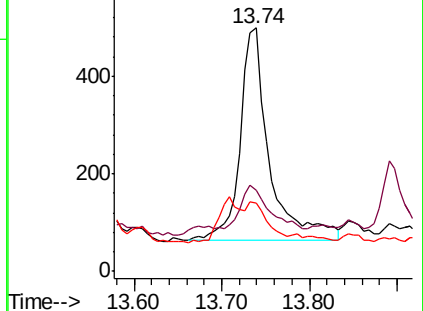
153 28.1 12.8 19.2#



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: 1.227 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

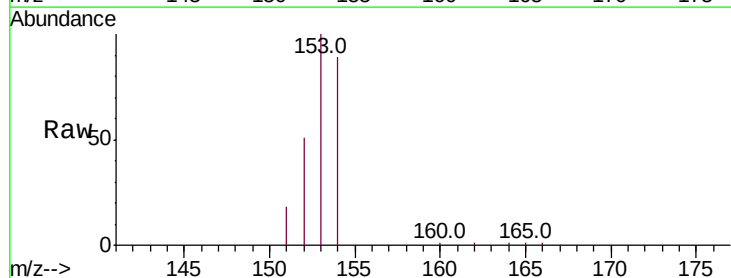
Tgt Ion:153 Resp: 19204

Ion Ratio Lower Upper

153 100

152 51.0 36.0 54.0

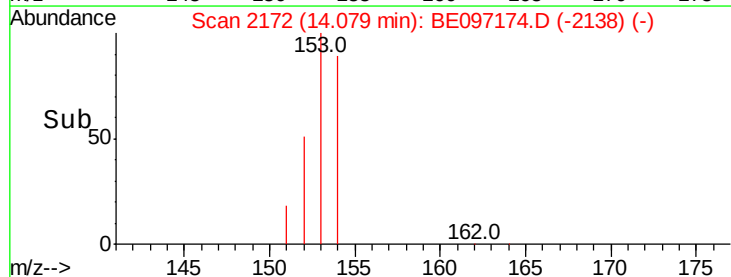
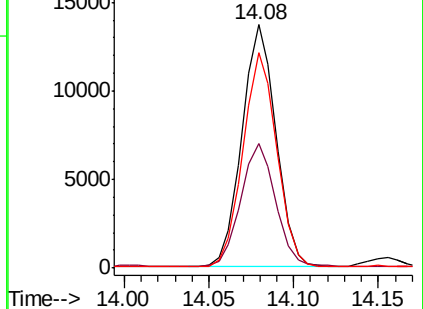
154 88.7 72.0 108.0

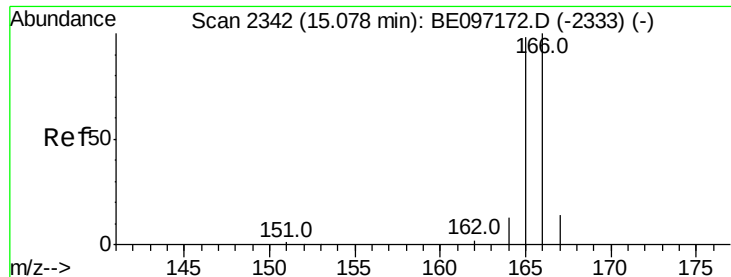


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.687 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

Instrument :

BNA_E

ClientSampleId :

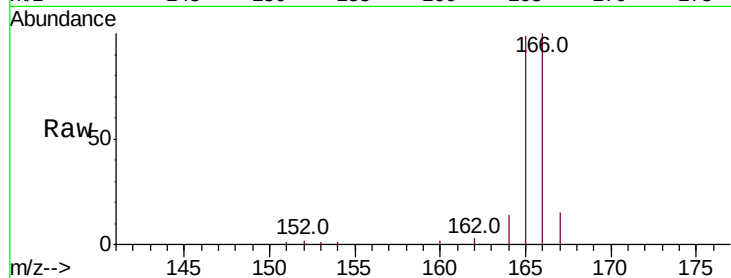
Tot Ion:166 Resp: 12356

Ion Ratio Lower Upper

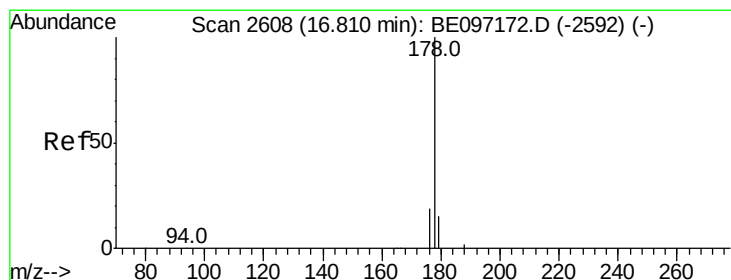
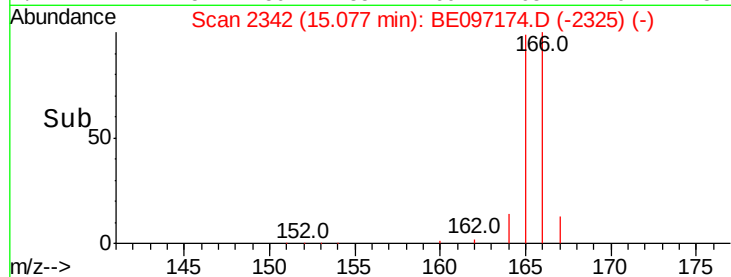
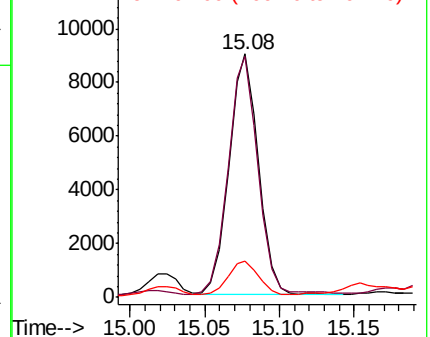
166 100

165 99.2 73.4 110.2

167 15.0 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: 0.036 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

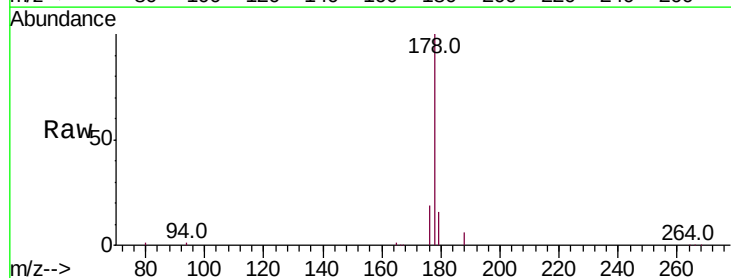
Tgt Ion:178 Resp: 64855

Ion Ratio Lower Upper

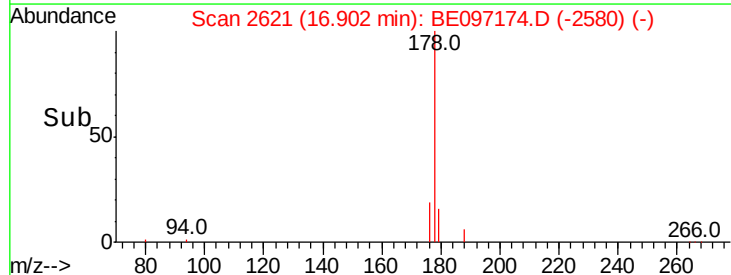
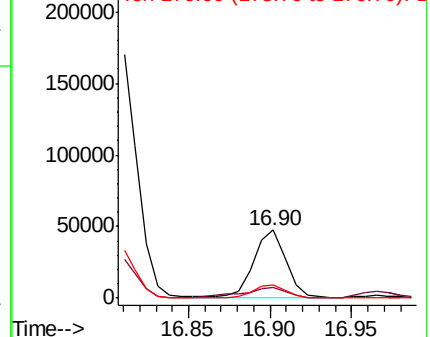
178 100

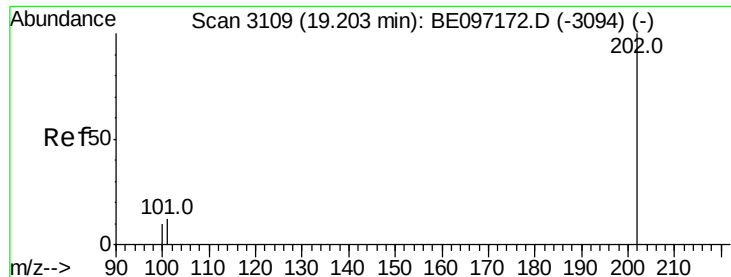
179 15.9 18.4 27.6#

176 18.9 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

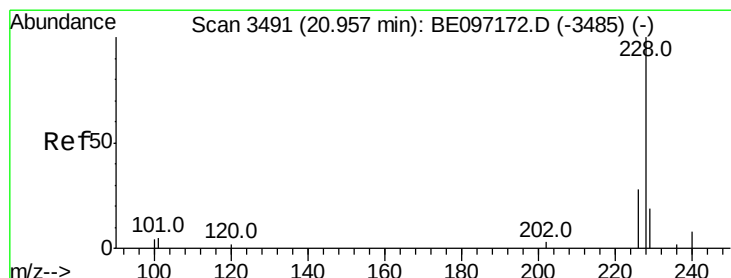
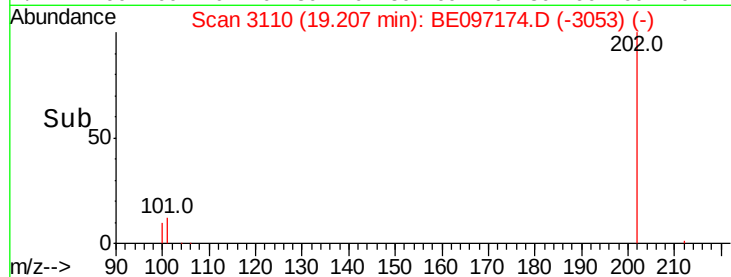
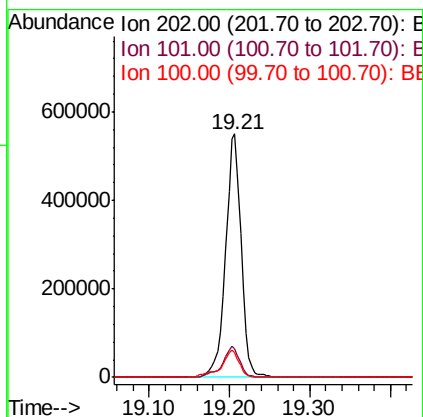
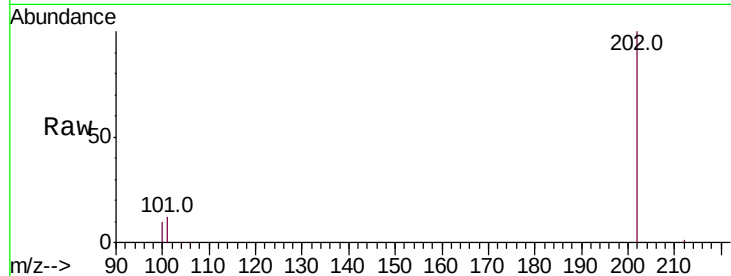




#17
Pvrene
Concen: 1064.631 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

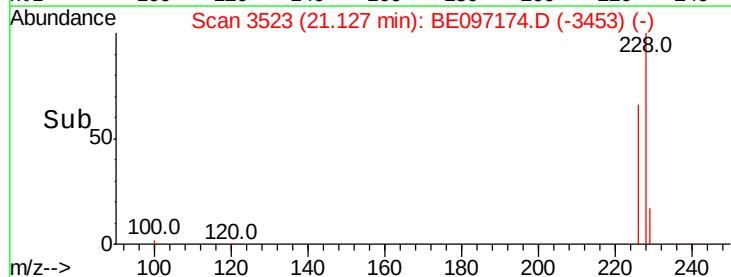
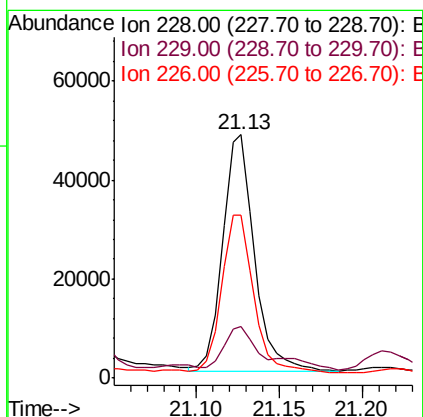
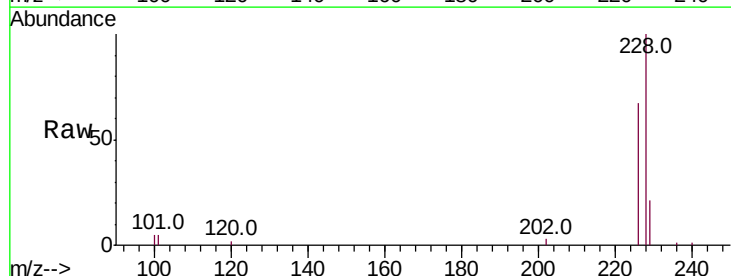
Instrument :
BNA_E
ClientSampleId :

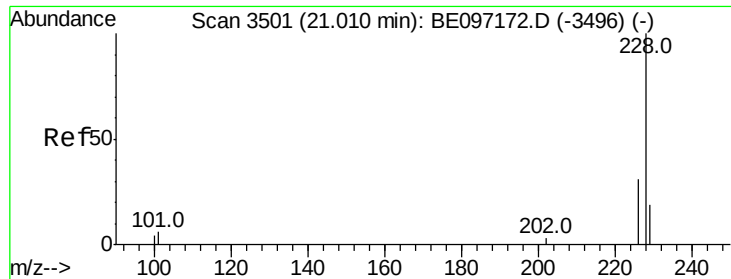
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.2	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 86.806 ng/ul
RT: 21.13 min Scan# 3523
Delta R.T. 0.17 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	67.0	17.0	25.6#





#19

Chrysene

Concen: 556.991 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

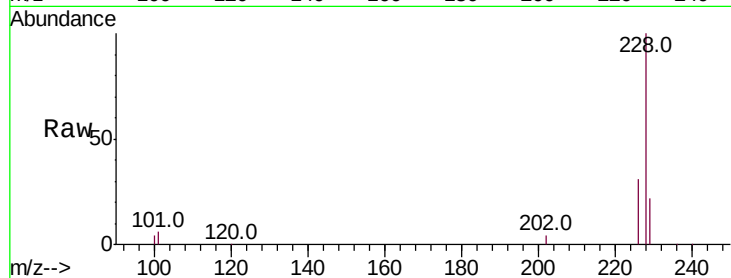
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 423147

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	22.3	17.7	26.5

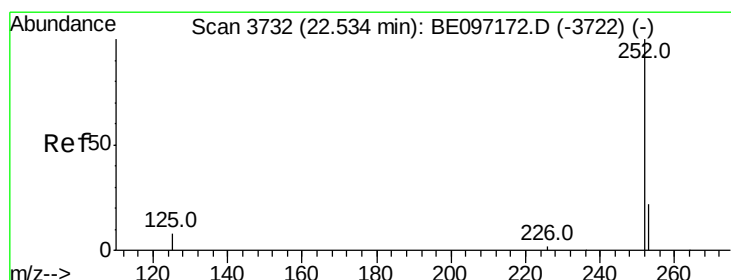
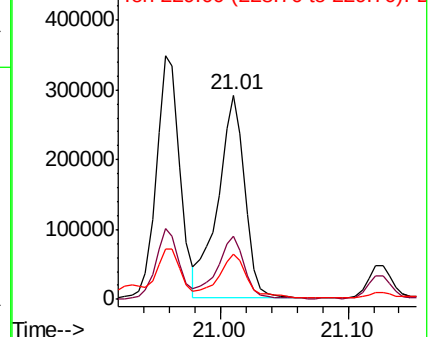
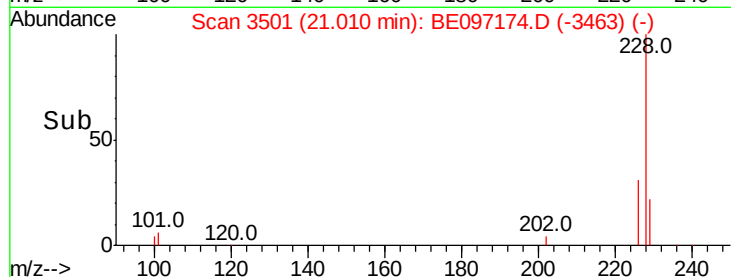


Abundance

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: 11.513 ng/ul

RT: 22.71 min Scan# 3757

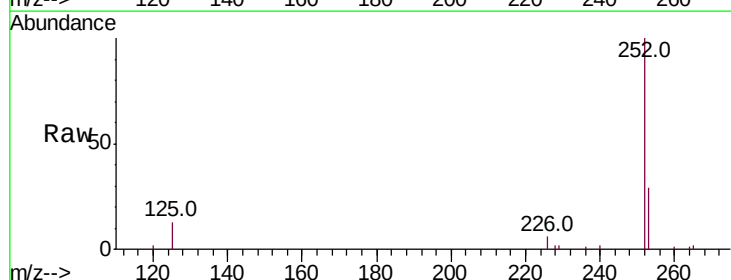
Delta R.T. 0.18 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

Tgt Ion:252 Resp: 91316

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	64.2
125	12.8	0.0	35.0

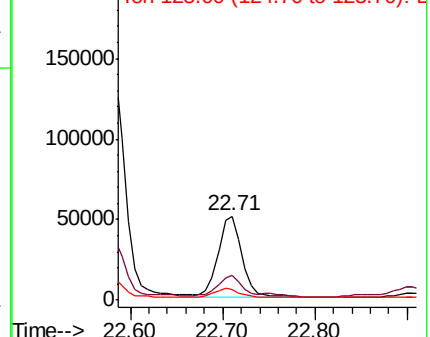
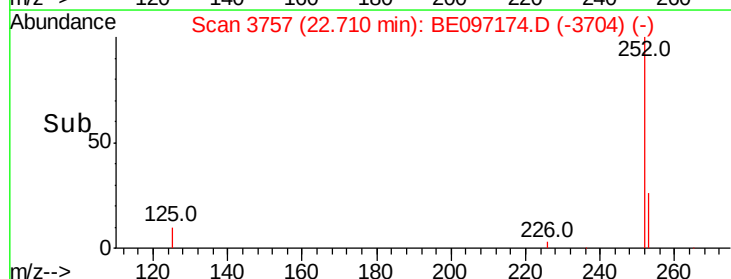


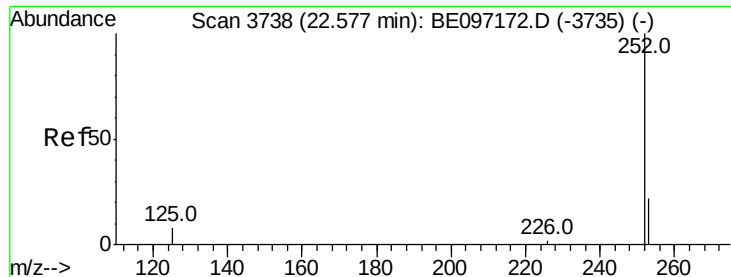
Abundance

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: 1.504 ng/ul

RT: 22.94 min Scan# 3790

Delta R.T. 0.36 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

Instrument :

BNA_E

ClientSampleId :

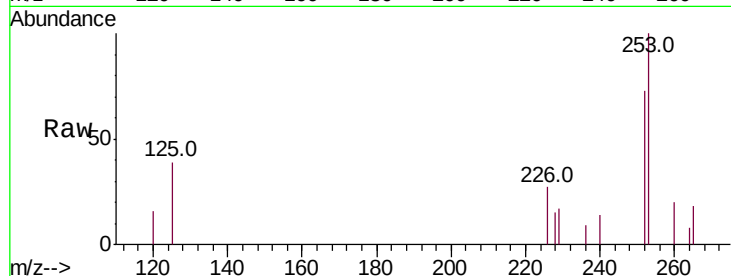
Tot Ion:252 Resp: 12865

Ion Ratio Lower Upper

252 100

253 136.7 24.5 36.7#

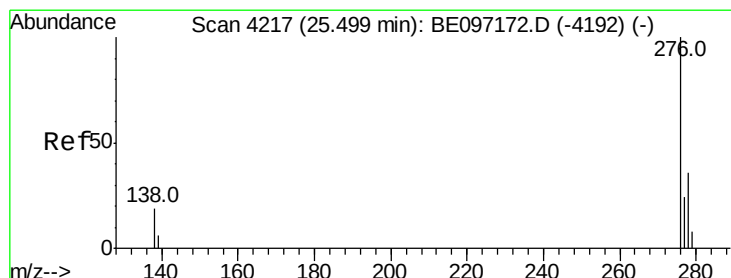
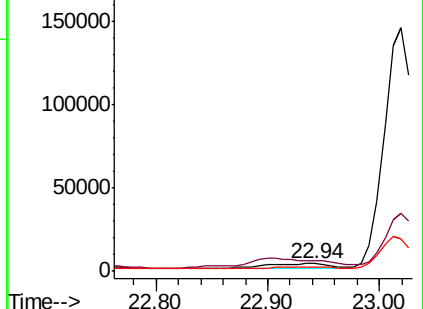
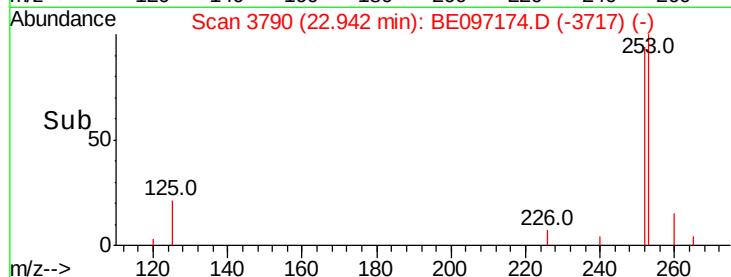
125 52.9 13.7 20.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.639 ng/ul

RT: 25.78 min Scan# 4296

Delta R.T. 0.27 min

Lab File: BE097174.D

Acq: 3 Aug 2018 10:32

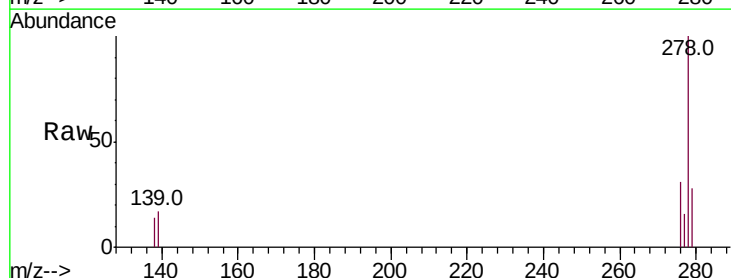
Tgt Ion:276 Resp: 16278

Ion Ratio Lower Upper

276 100

138 44.2 28.0 42.0#

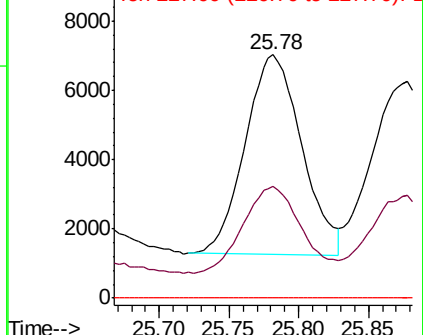
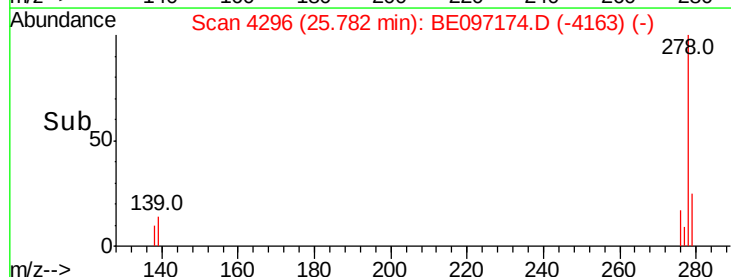
227 0.0 8.0 12.0#

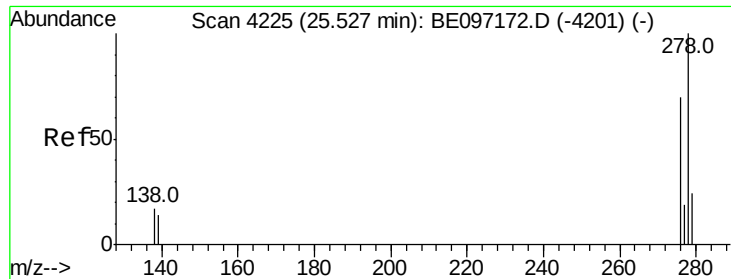


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

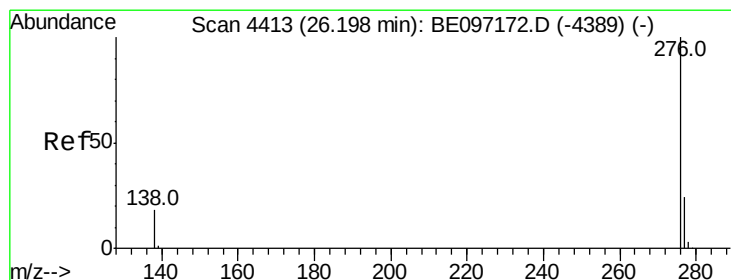
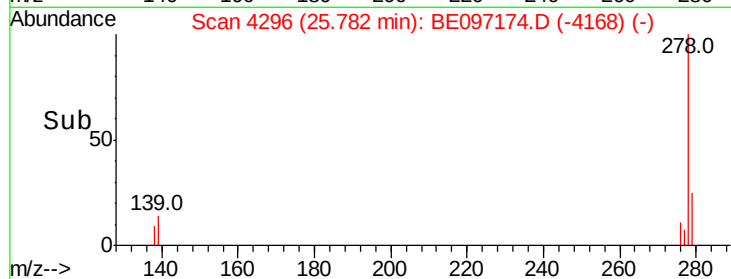
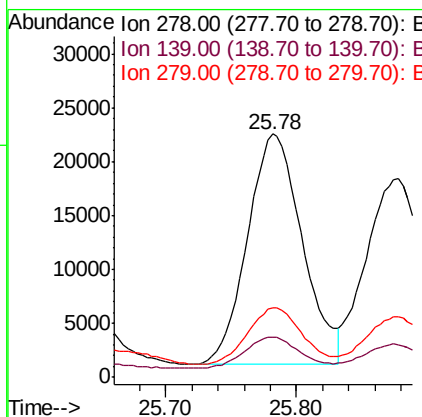
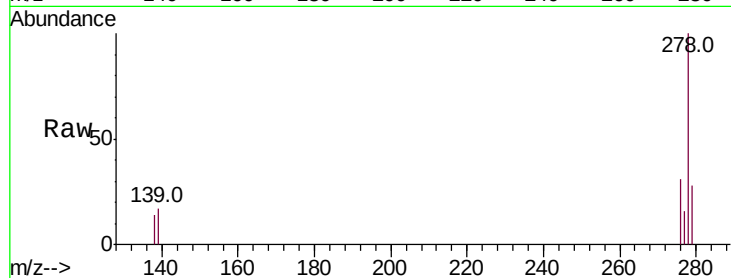




#25
Dibenzo(a,h)anthracene
Concen: 7.668 ng/ul
RT: 25.78 min Scan# 4296
Delta R.T. 0.26 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 62325
Ion Ratio Lower Upper
278 100
139 16.6 17.4 26.0#
279 28.5 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 8.493 ng/ul
RT: 26.58 min Scan# 4519
Delta R.T. 0.38 min
Lab File: BE097174.D
Acq: 3 Aug 2018 10:32

Tgt Ion:276 Resp: 72900
Ion Ratio Lower Upper
276 100
138 21.6 21.8 32.8#
277 32.8 20.5 30.7#

