

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097882.D
 Acq On : 12 Oct 2018 11:43
 Operator : SJ/JU
 Sample : J5183-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 14:27:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 04:56:57 2018
 Response via : Initial Calibration

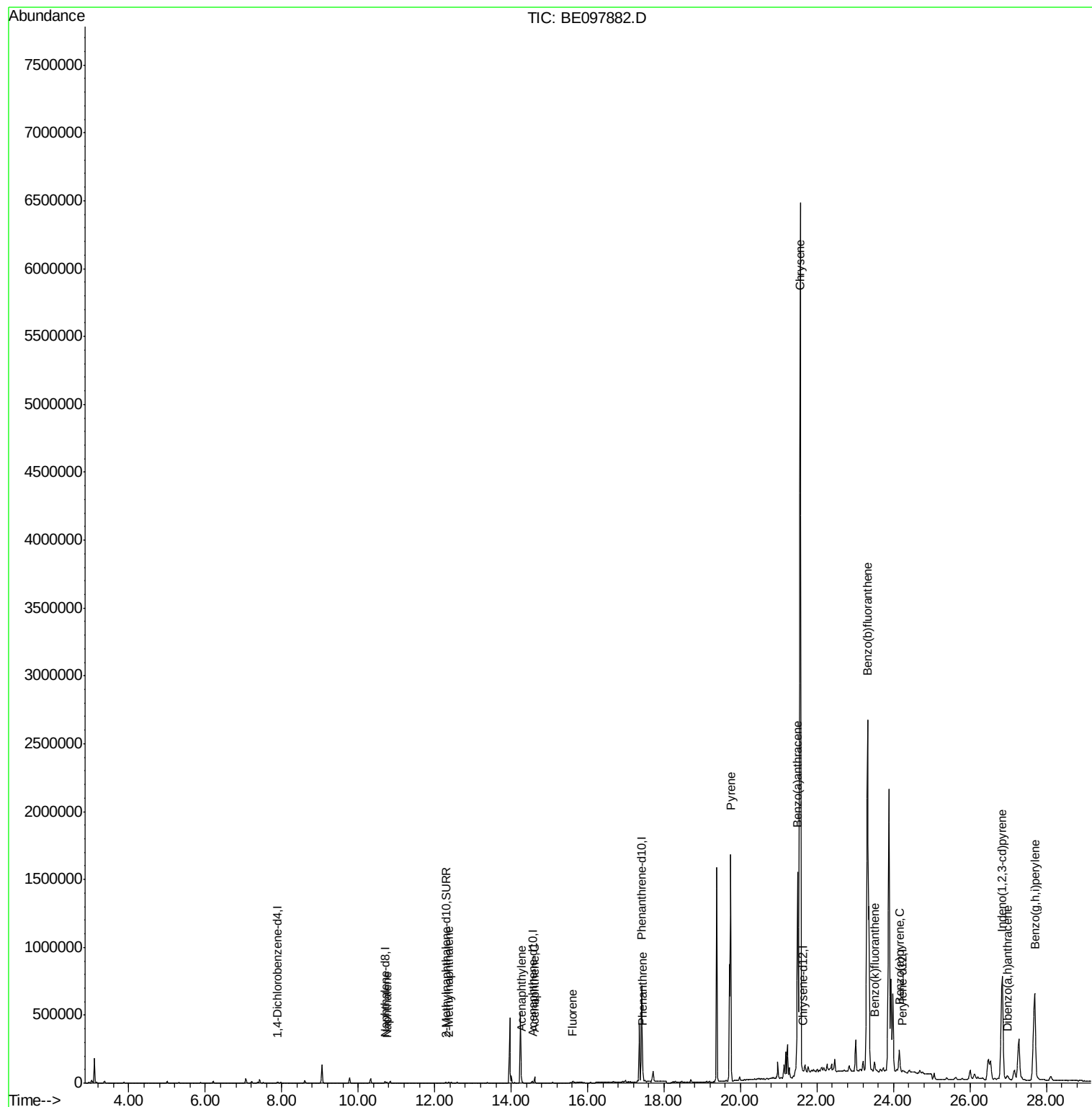
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2389	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11837	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	8484	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	874325	0.40	ng/ul	0.11
16) Chrysene-d12	21.64	240	650	0.40	ng/ul	0.15
20) Perylene-d12	24.24	264	8115	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5183	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.45	212	568	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	10081	0.350	ng/ul	94
5) 2-Methylnaphthalene	12.37	142	7762	0.373	ng/ul	100
7) Acenaphthylene	14.27	152	6027	0.188	ng/ul#	82
8) Acenaphthene	14.61	153	28634	1.150	ng/ul	98
9) Fluorene	15.61	166	9293	0.286	ng/ul#	96
12) Phenanthrene	17.44	178	88395	0.043	ng/ul	98
17) Pyrene	19.74	202	2251399	1162.687	ng/ul	96
18) Benzo(a)anthracene	21.49	228	1595237	811.695	ng/ul	97
19) Chrysene	21.56	228	7470555	4230.664	ng/ul#	87
21) Benzo(b)fluoranthene	23.32	252	6565387	302.714	ng/ul	99
22) Benzo(k)fluoranthene	23.50	252	109890	4.733	ng/ul#	31
23) Benzo(a)pyrene	24.15	252	252882	11.876	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	26.84	276	1542105	63.795	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.98	278	54855	2.746	ng/ul#	44
26) Benzo(g,h,i)perylene	27.70	276	1765587	83.828	ng/ul	99

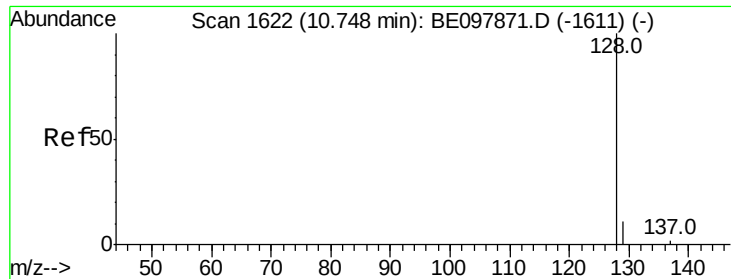
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.350 ng/ul

RT: 10.75 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE097882.D

Acq: 12 Oct 2018 11:43

Instrument :

BNA_E

ClientSampleId :

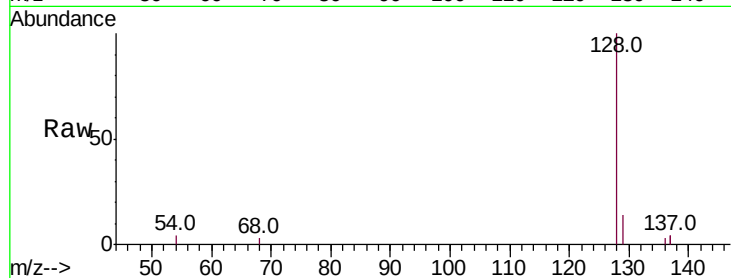
Tot Ion:128 Resp: 10081

Ion Ratio Lower Upper

128 100

129 13.6 9.1 13.7

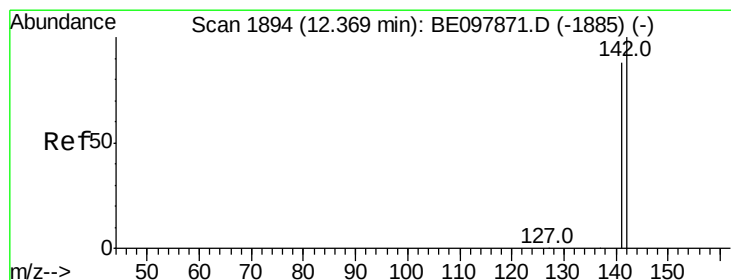
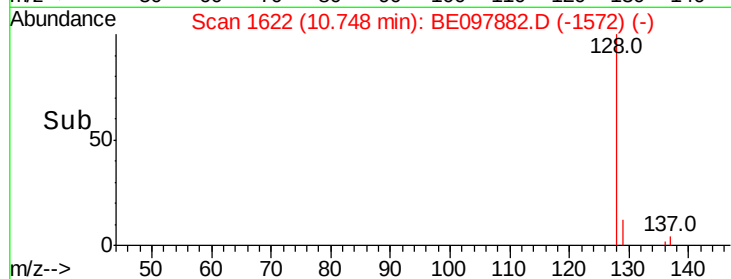
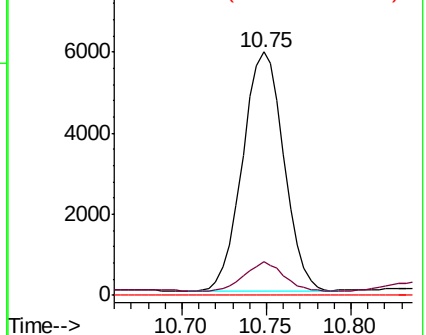
127 0.0 0.0 0.0



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: 0.373 ng/ul

RT: 12.37 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BE097882.D

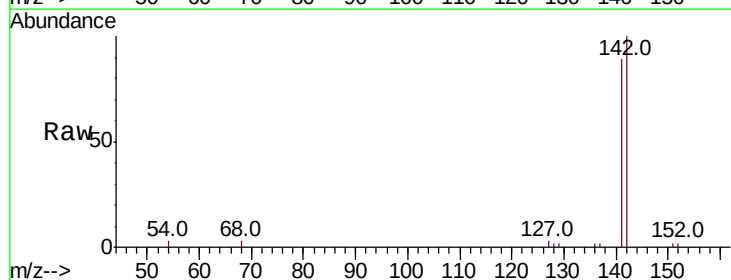
Acq: 12 Oct 2018 11:43

Tgt Ion:142 Resp: 7762

Ion Ratio Lower Upper

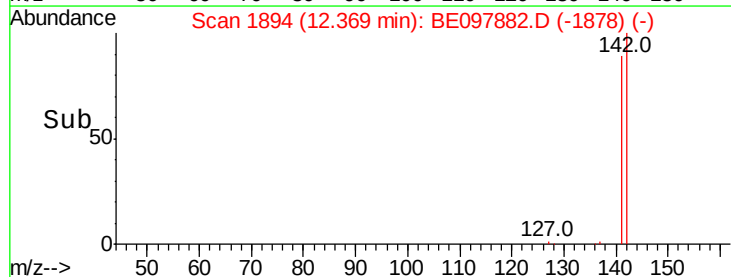
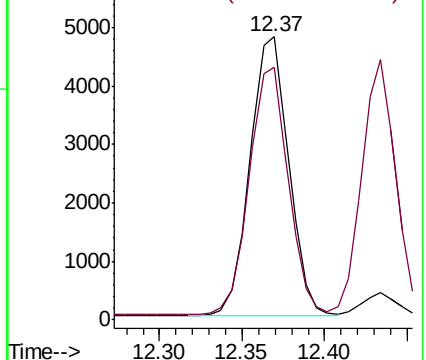
142 100

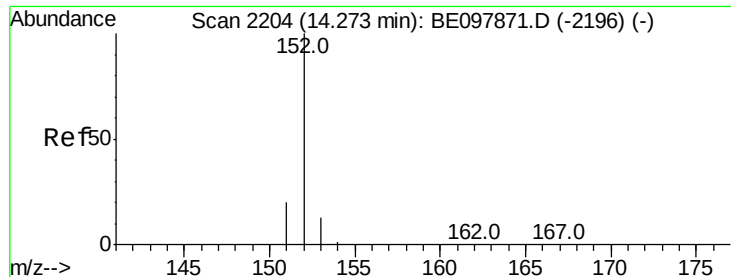
141 89.5 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.188 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097882.D

Acq: 12 Oct 2018 11:43

Instrument :

BNA_E

ClientSampleId :

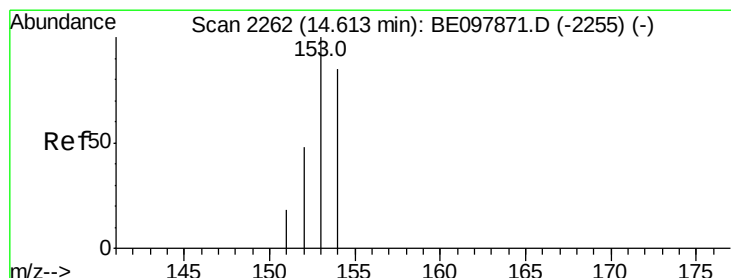
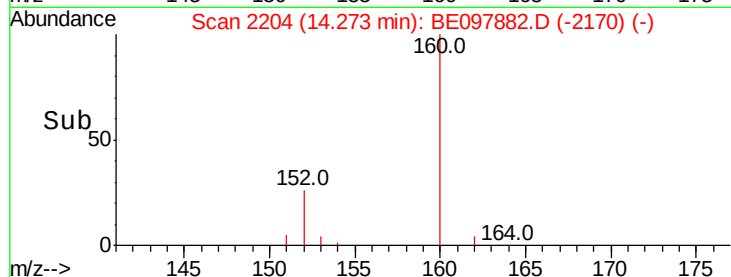
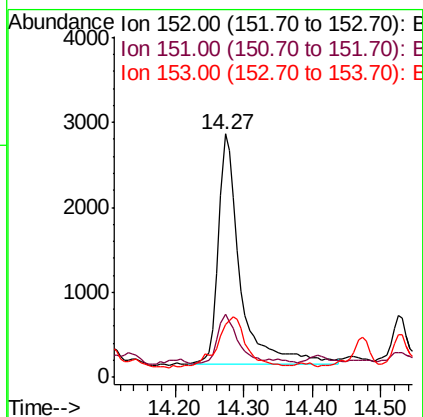
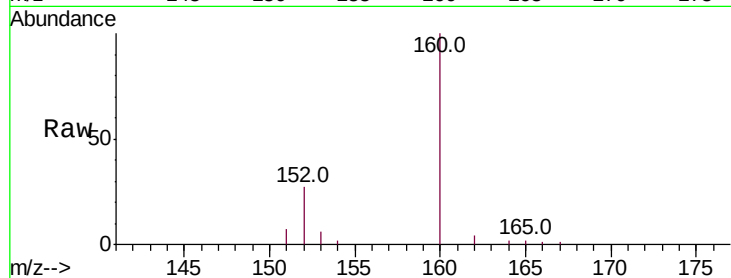
Tot Ion:152 Resp: 6027

Ion Ratio Lower Upper

152 100

151 25.7 15.0 22.6#

153 22.0 10.5 15.7#



#8

Acenaphthene

Concen: 1.150 ng/ul

RT: 14.61 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BE097882.D

Acq: 12 Oct 2018 11:43

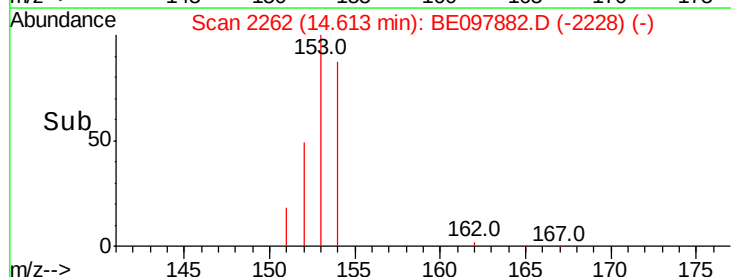
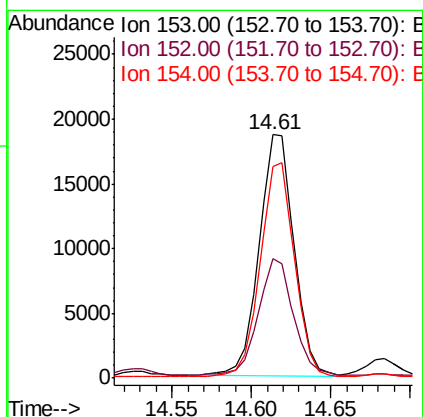
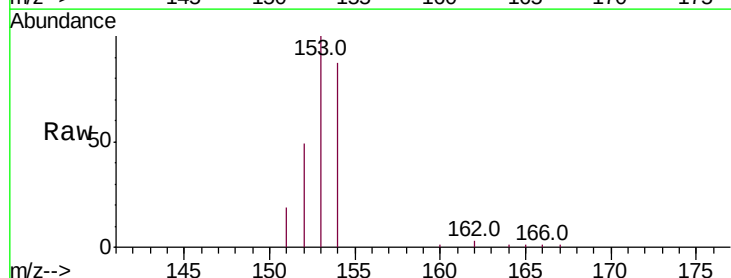
Tgt Ion:153 Resp: 28634

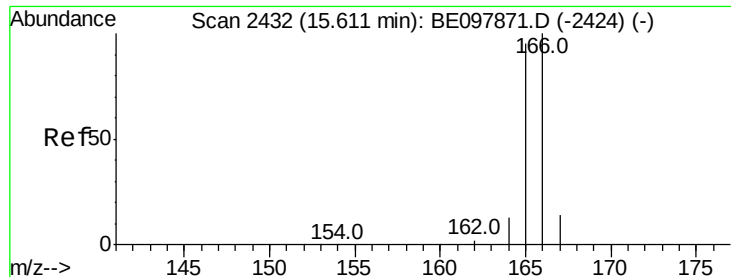
Ion Ratio Lower Upper

153 100

152 49.3 41.2 61.8

154 87.0 68.6 103.0





#9

Fluorene

Concen: 0.286 ng/ul

RT: 15.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE097882.D

Acq: 12 Oct 2018 11:43

Instrument :

BNA_E

ClientSampleId :

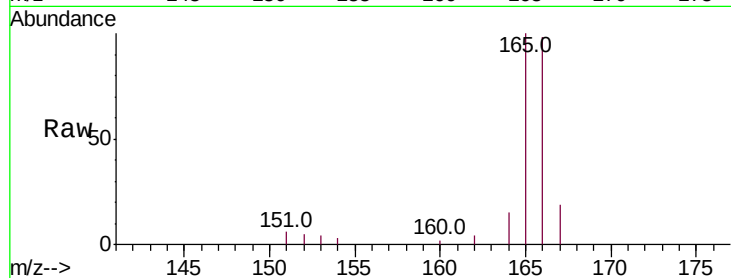
Tot Ion:166 Resp: 9293

Ion Ratio Lower Upper

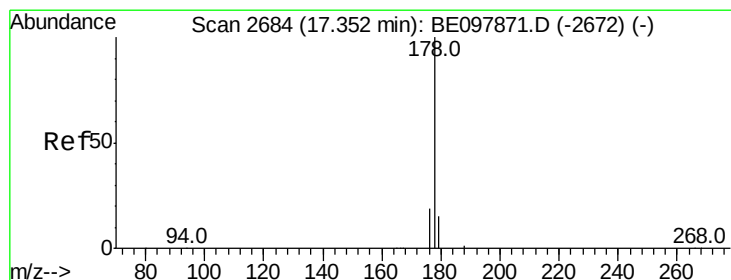
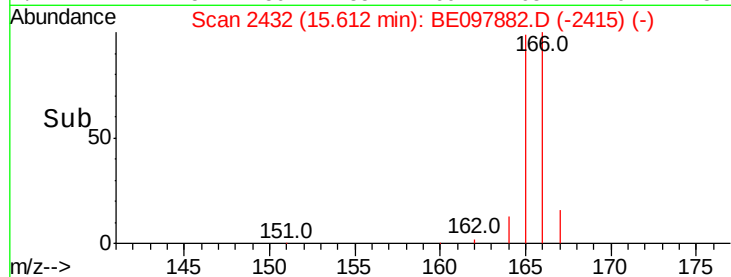
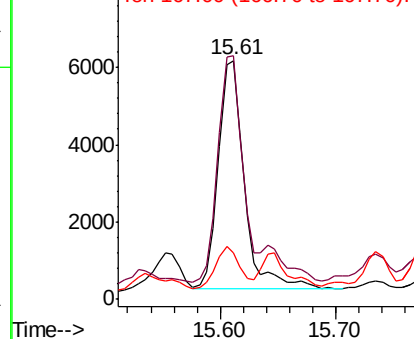
166 100

165 101.9 79.2 118.8

167 19.3 11.3 16.9#



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: 0.043 ng/ul

RT: 17.44 min Scan# 2697

Delta R.T. 0.09 min

Lab File: BE097882.D

Acq: 12 Oct 2018 11:43

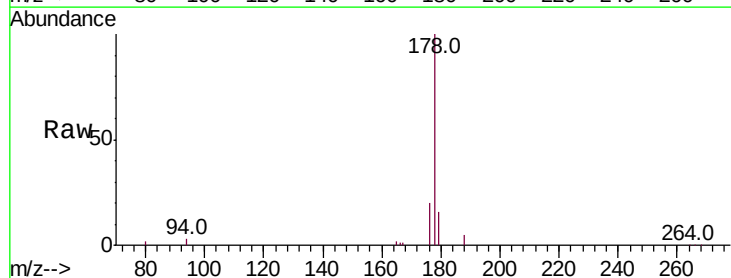
Tgt Ion:178 Resp: 88395

Ion Ratio Lower Upper

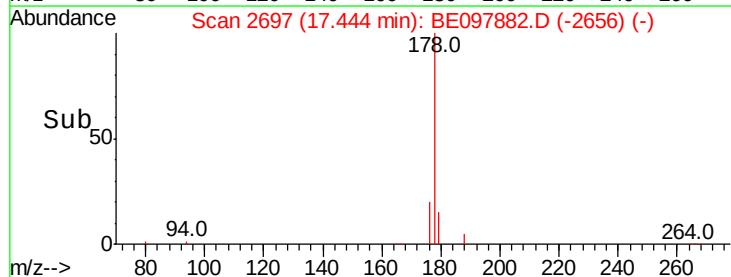
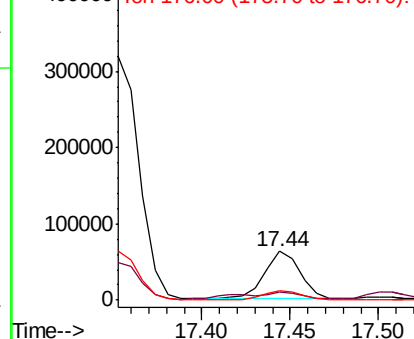
178 100

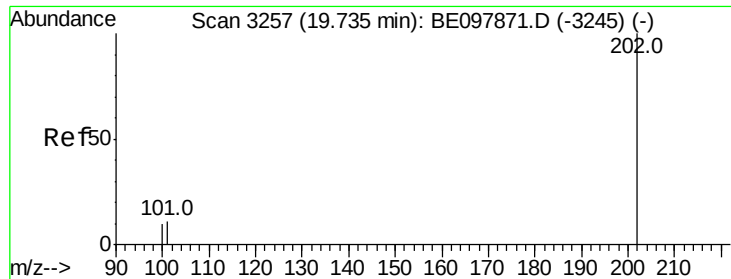
179 16.5 12.8 19.2

176 20.2 14.9 22.3



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

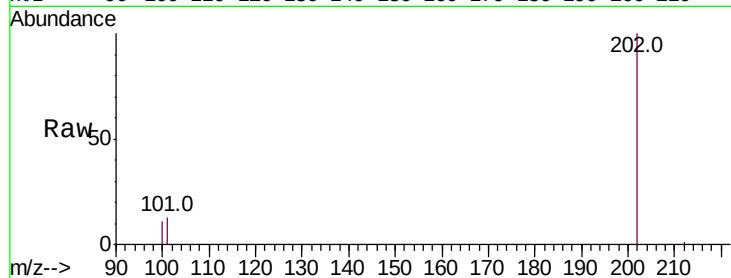




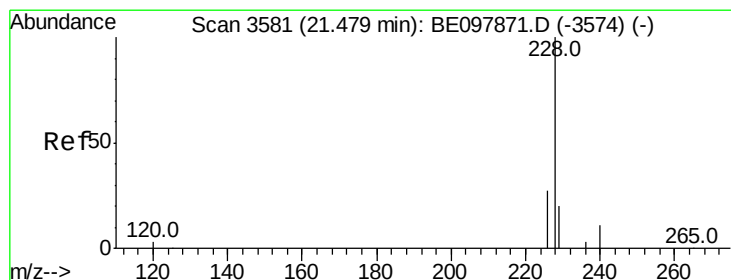
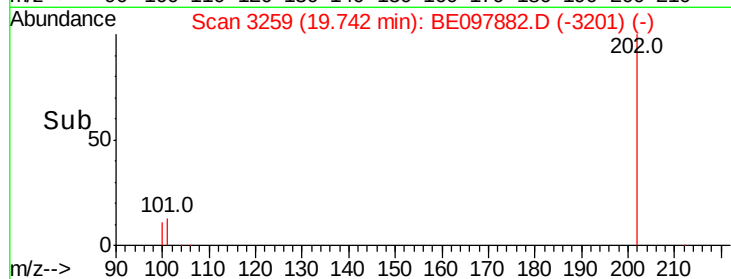
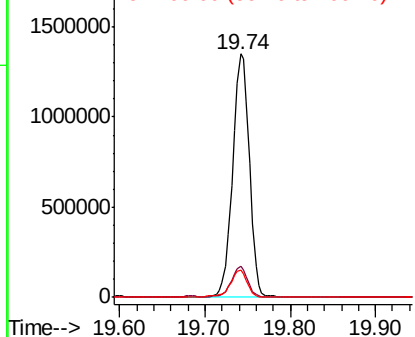
#17
Pvrene
Concen: 1162.687 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. 0.01 min
Lab File: BE097882.D
Acq: 12 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 2251399
Ion Ratio Lower Upper
202 100
101 12.7 8.8 13.2
100 11.1 7.9 11.9

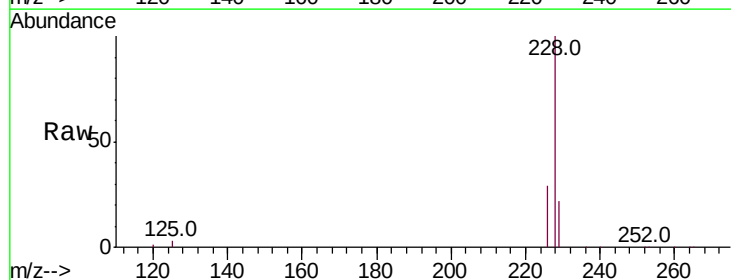


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

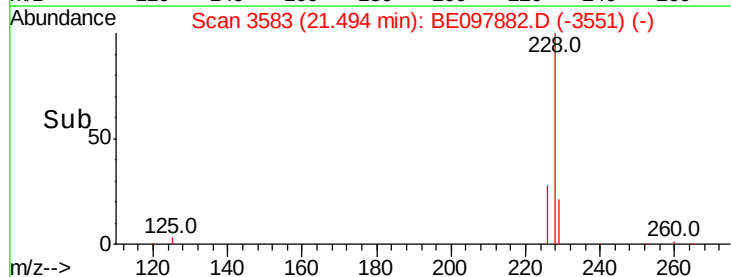
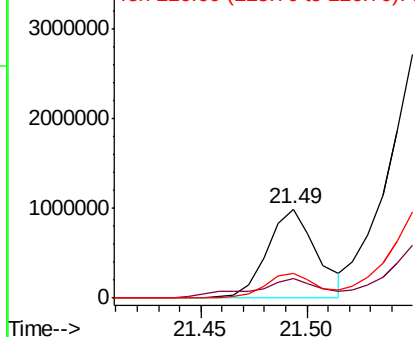


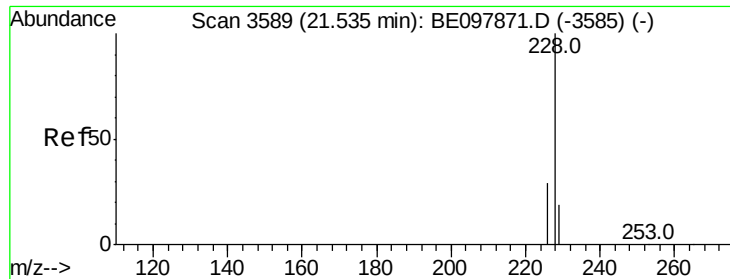
#18
Benzo(a)anthracene
Concen: 811.695 ng/ul
RT: 21.49 min Scan# 3583
Delta R.T. 0.01 min
Lab File: BE097882.D
Acq: 12 Oct 2018 11:43

Tgt Ion:228 Resp: 1595237
Ion Ratio Lower Upper
228 100
229 21.7 16.4 24.6
226 28.5 21.5 32.3



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: 4230.664 ng/ul

RT: 21.56 min Scan# 3593

Delta R.T. 0.03 min

Lab File: BE097882.D

Acq: 12 Oct 2018 11:43

Instrument :

BNA_E

ClientSampleId :

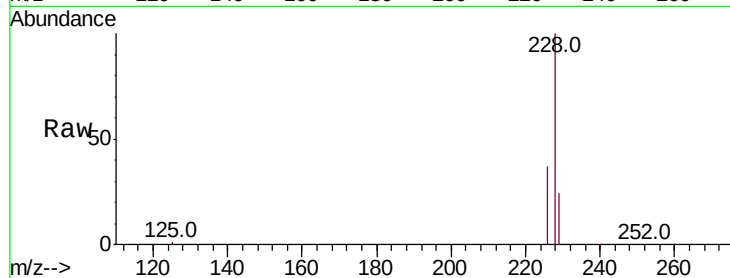
Tot Ion:228 Resp: 7470555

Ion Ratio Lower Upper

228 100

226 36.7 23.0 34.4#

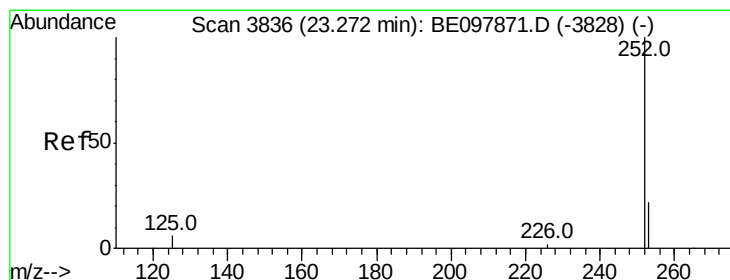
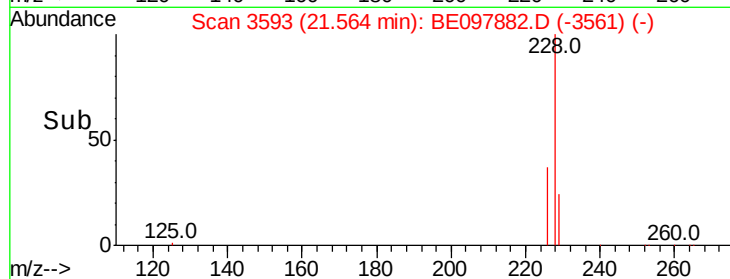
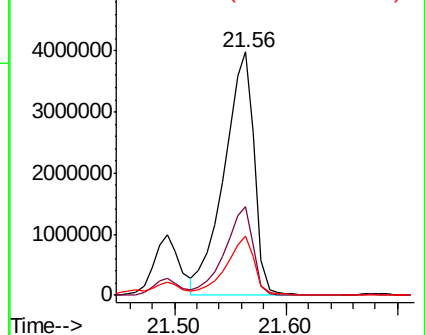
229 24.3 15.5 23.3#



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: 302.714 ng/ul

RT: 23.32 min Scan# 3843

Delta R.T. 0.05 min

Lab File: BE097882.D

Acq: 12 Oct 2018 11:43

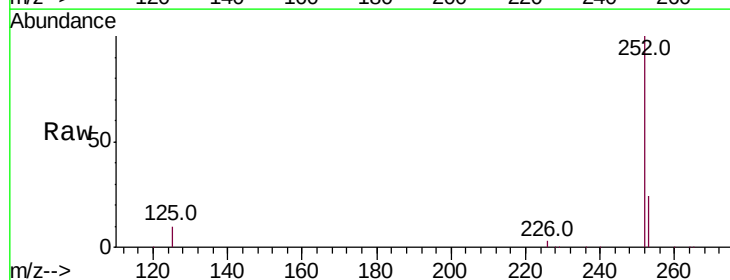
Tgt Ion:252 Resp: 6565387

Ion Ratio Lower Upper

252 100

253 23.9 0.0 47.0

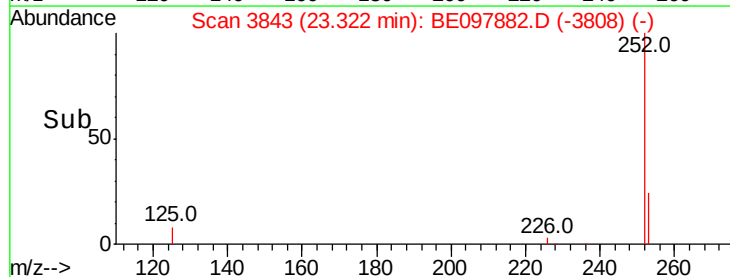
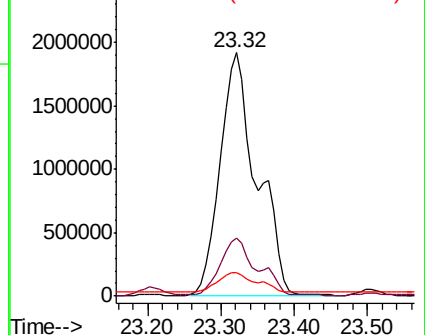
125 9.9 0.0 18.2

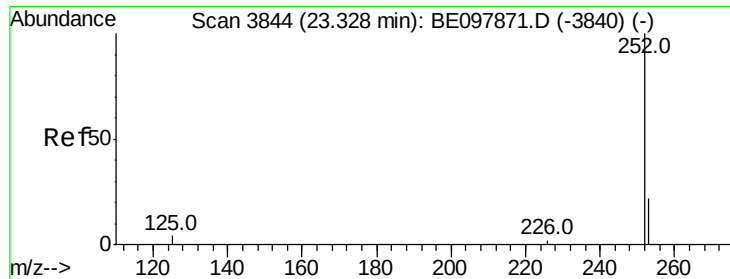


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

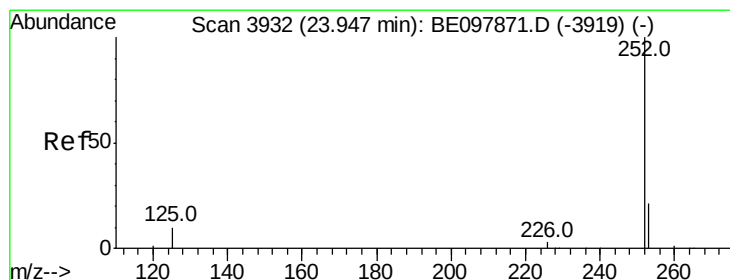
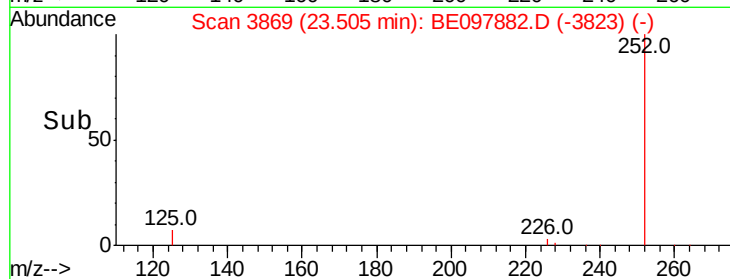
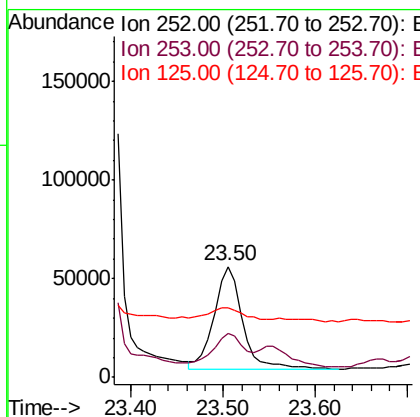
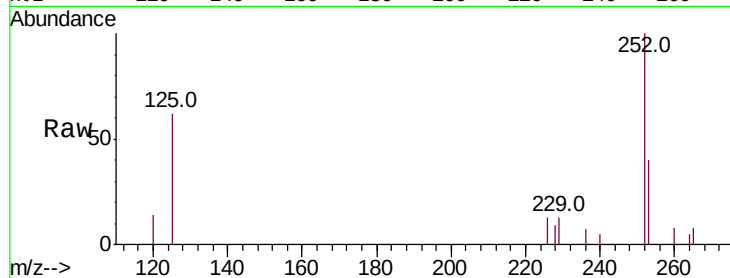




#22
Benzo(k)fluoranthene
Concen: 4.733 ng/ul
RT: 23.50 min Scan# 3869
Delta R.T. 0.18 min
Lab File: BE097882.D
Acq: 12 Oct 2018 11:43

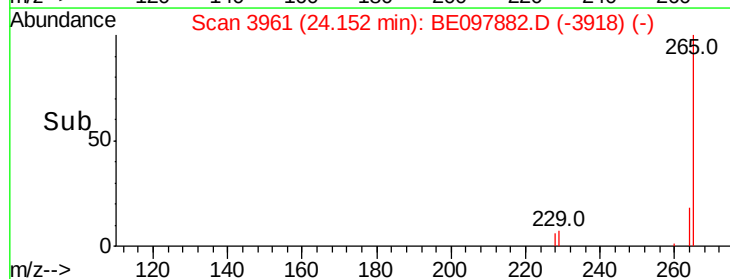
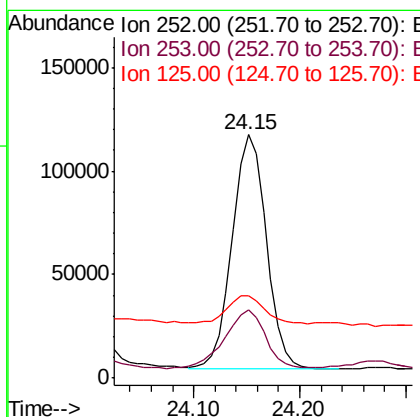
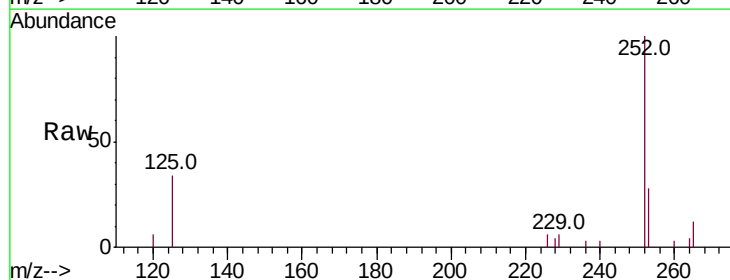
Instrument :
BNA_E
ClientSampleId :

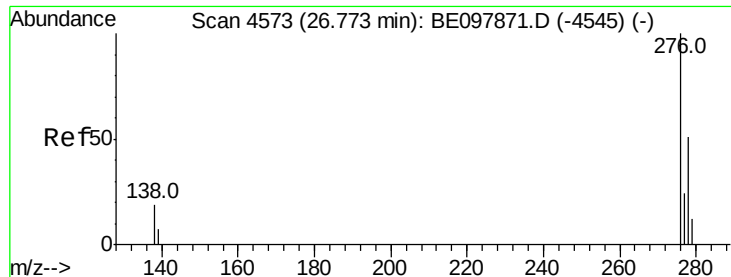
Tot Ion:252 Resp: 109890
Ion Ratio Lower Upper
252 100
253 39.5 17.8 26.6#
125 62.3 9.4 14.0#



#23
Benzo(a)pyrene
Concen: 11.876 ng/ul
RT: 24.15 min Scan# 3961
Delta R.T. 0.20 min
Lab File: BE097882.D
Acq: 12 Oct 2018 11:43

Tgt Ion:252 Resp: 252882
Ion Ratio Lower Upper
252 100
253 27.8 18.2 27.4#
125 33.8 8.3 12.5#



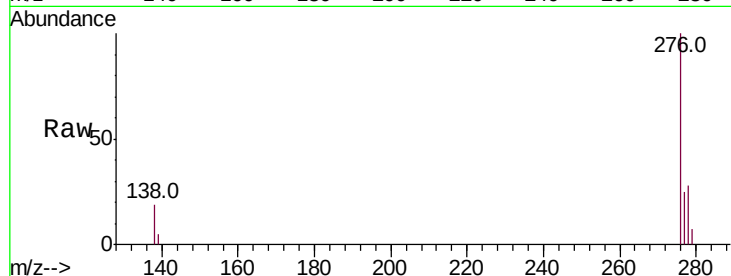


#24

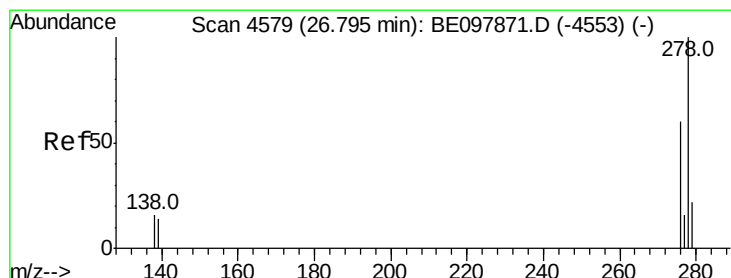
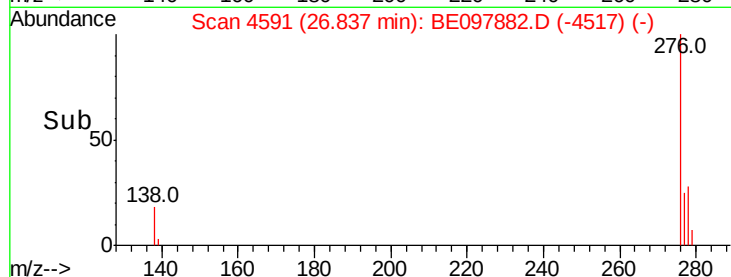
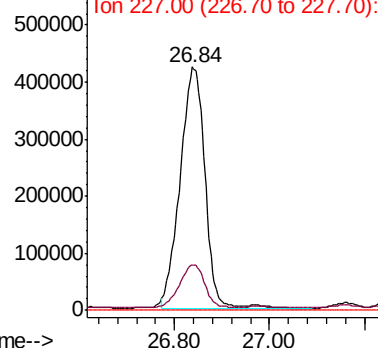
Indeno(1,2,3-cd)pyrene
Concen: 63.795 ng/ul
RT: 26.84 min Scan# 4591
Delta R.T. 0.06 min
Lab File: BE097882.D
Acq: 12 Oct 2018 11:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 1542105
Ion Ratio Lower Upper
276 100
138 17.2 0.0 0.0#
227 0.0 0.0 0.0



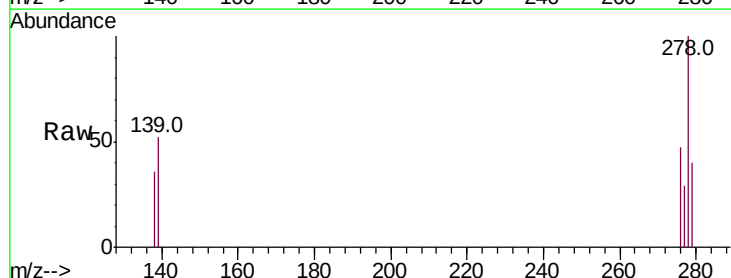
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



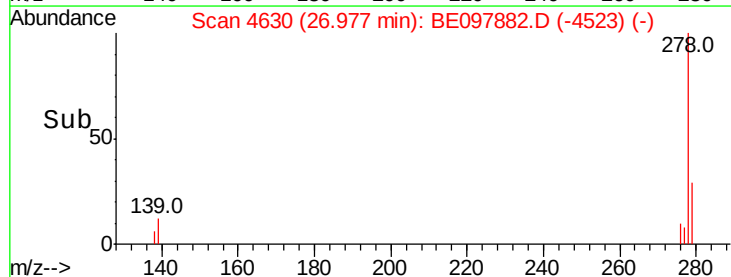
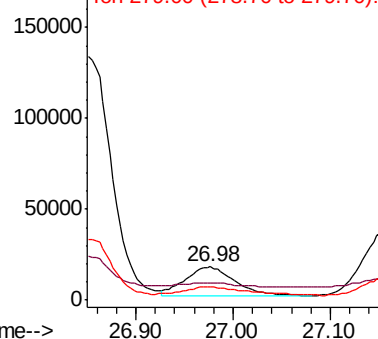
#25

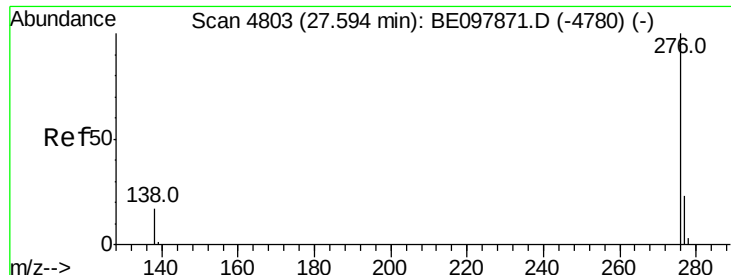
Dibenzo(a,h)anthracene
Concen: 2.746 ng/ul
RT: 26.98 min Scan# 4630
Delta R.T. 0.18 min
Lab File: BE097882.D
Acq: 12 Oct 2018 11:43

Tgt Ion:278 Resp: 54855
Ion Ratio Lower Upper
278 100
139 52.3 10.9 16.3#
279 39.8 18.8 28.2#



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: 83.828 ng/ul

RT: 27.70 min Scan# 4832

Delta R.T. 0.10 min

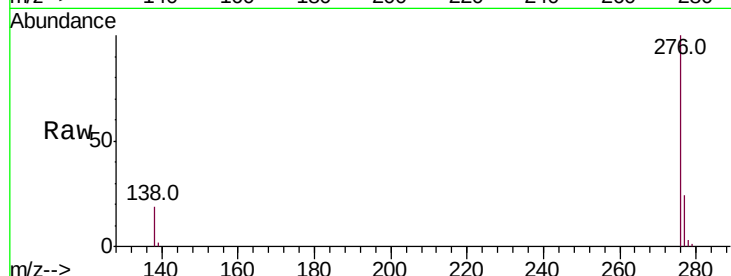
Lab File: BE097882.D

Acq: 12 Oct 2018 11:43

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 1765587

Ion Ratio Lower Upper

276 100

138 18.6 14.3 21.5

277 24.4 19.5 29.3

