

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097430.D
 Acq On : 7 Sep 2018 20:54
 Operator : SJ/JU
 Sample : J4688-18DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 08 02:49:57 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

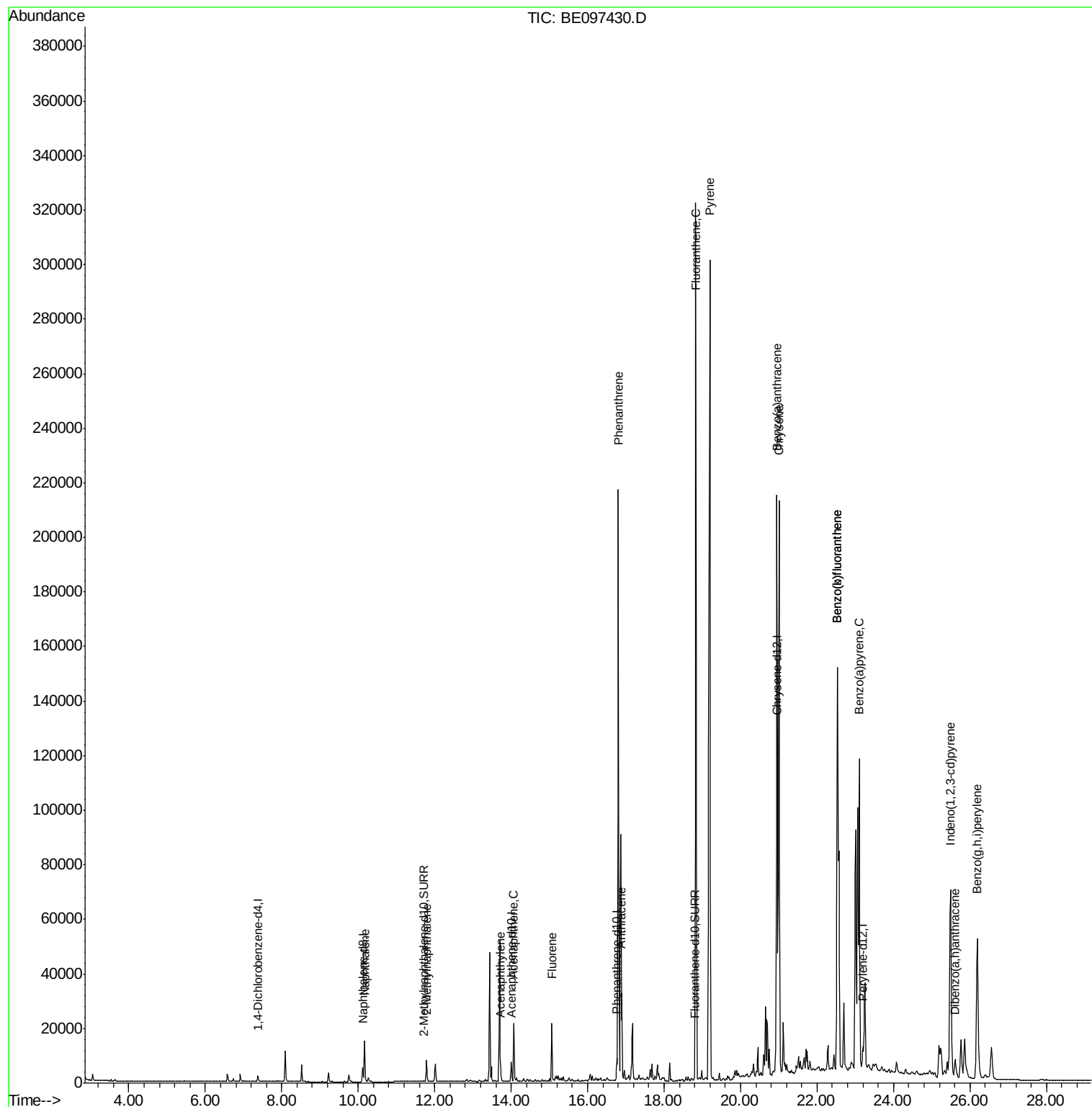
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5416	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3593	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9295	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11143	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10651	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	442	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1548	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	22085	1.672	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	6856	0.821	ng/ul	97
7) Acenaphthylene	13.73	152	7824	0.598	ng/ul	99
8) Acenaphthene	14.07	153	12862	1.142	ng/ul	95
9) Fluorene	15.06	166	12732	0.987	ng/ul	92
12) Phenanthrene	16.80	178	226266	9.456	ng/ul#	89
13) Anthracene	16.89	178	34037	1.692	ng/ul#	91
15) Fluoranthene	18.83	202	356963	11.613	ng/ul	84
17) Pyrene	19.20	202	313490	10.455	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	168519	5.887	ng/ul#	85
19) Chrysene	21.01	228	184695	5.600	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	330713	11.594	ng/ul	83
22) Benzo(k)fluoranthene	22.54	252	330713	10.398	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	159649	6.050	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.49	276	116975	3.420	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.61	278	9543	0.329	ng/ul	98
26) Benzo(a,h,i)perylene	26.19	276	112313	3.852	ng/ul#	90

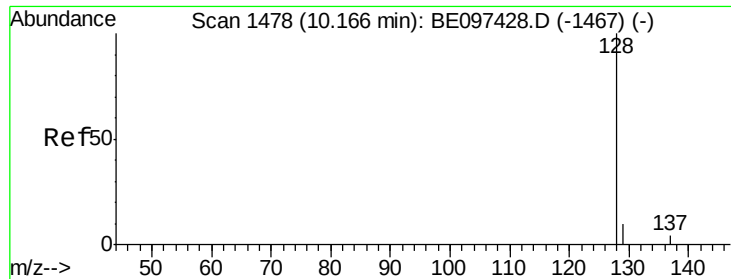
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 08 02:49:57 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





#3

Naphthalene

Concen: 1.672 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_E

ClientSampleId :

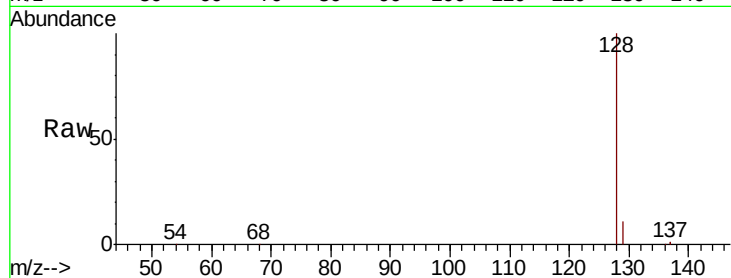
Tot Ion:128 Resp: 22085

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9#

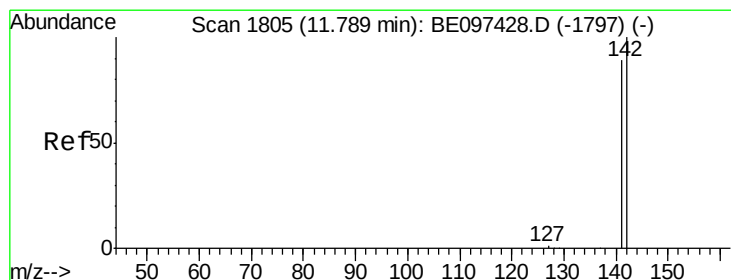
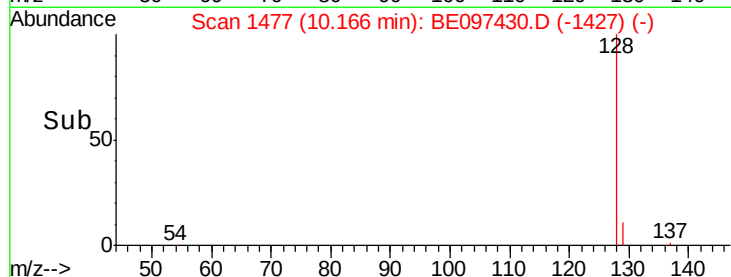
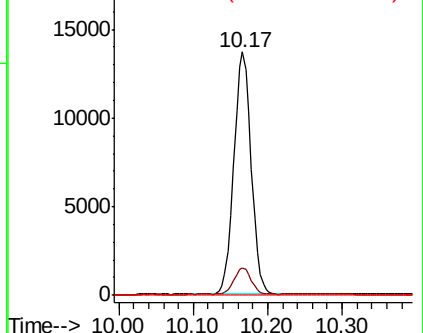
127 0.0 4.0 6.0#



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: 0.821 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BE097430.D

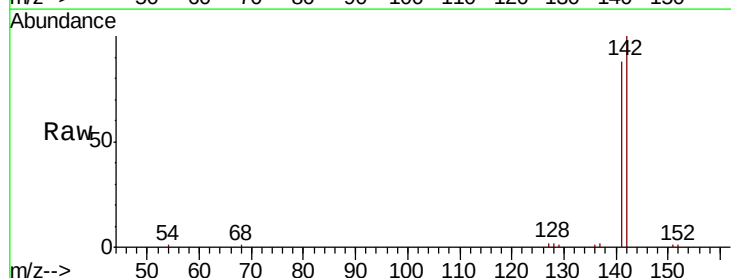
Acq: 7 Sep 2018 20:54

Tgt Ion:142 Resp: 6856

Ion Ratio Lower Upper

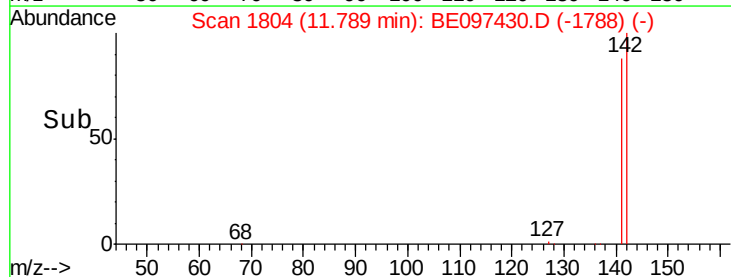
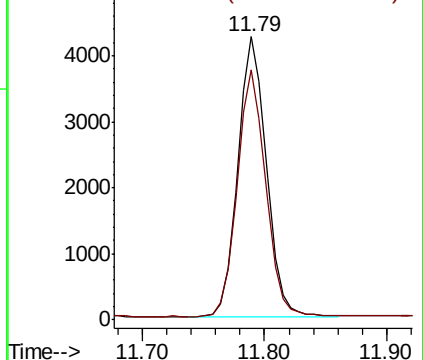
142 100

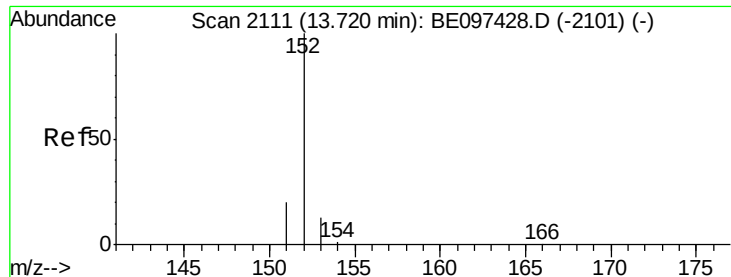
141 87.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.598 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_E

ClientSampled :

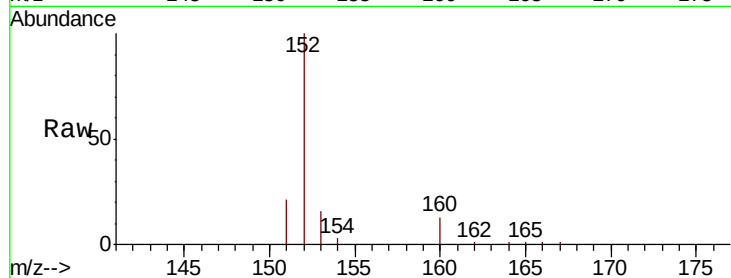
Tot Ion:152 Resp: 7824

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

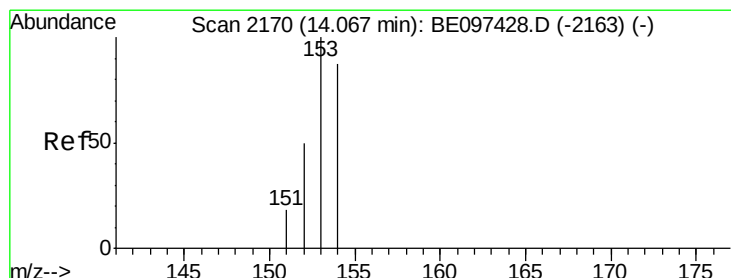
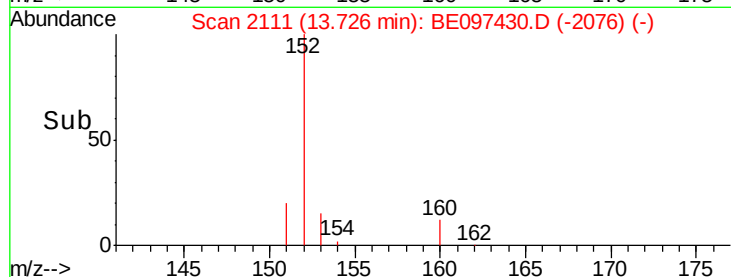
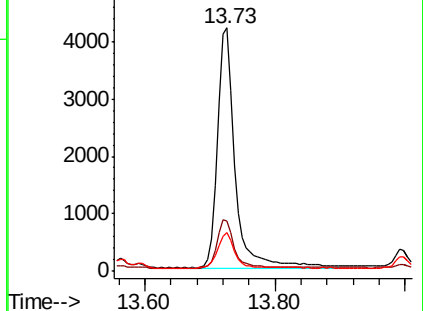
153 16.0 12.8 19.2



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: 1.142 ng/ul

RT: 14.07 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

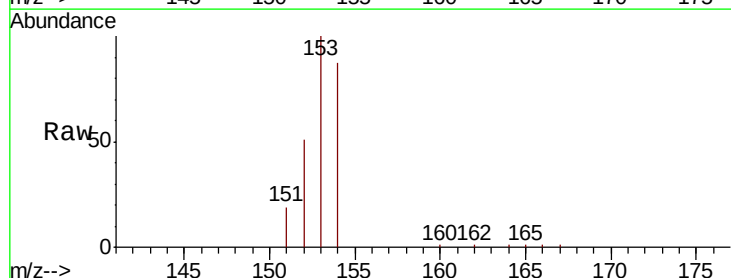
Tgt Ion:153 Resp: 12862

Ion Ratio Lower Upper

153 100

152 50.6 36.0 54.0

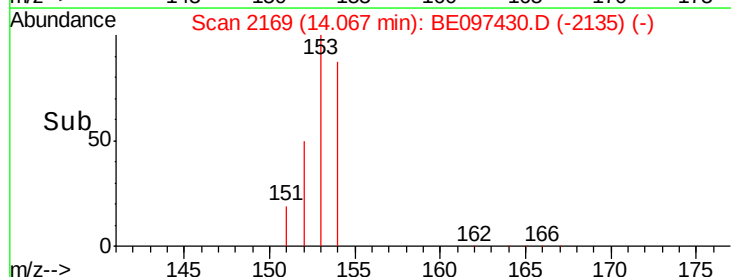
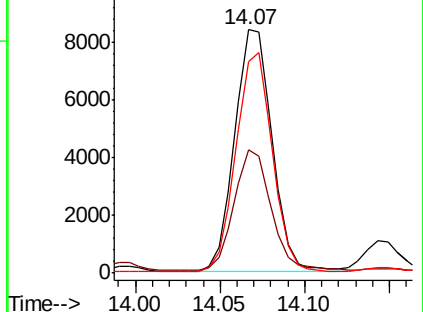
154 87.0 72.0 108.0

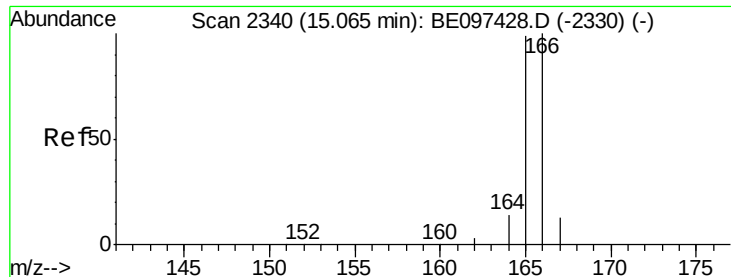


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.987 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_E

ClientSampleId :

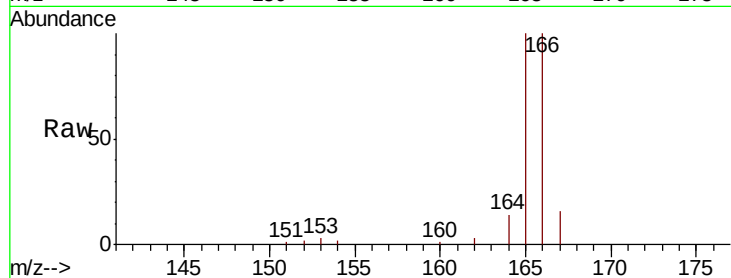
Tot Ion:166 Resp: 12732

Ion Ratio Lower Upper

166 100

165 99.6 73.4 110.2

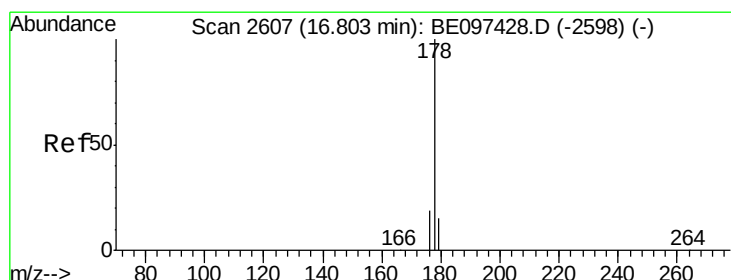
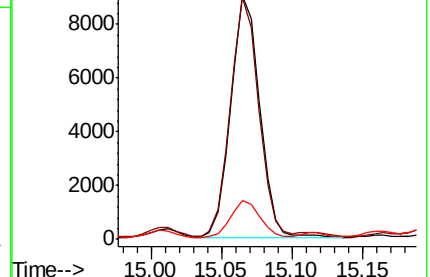
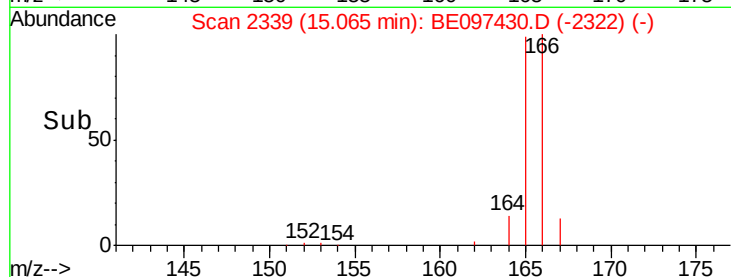
167 15.9 14.6 22.0



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: 9.456 ng/ul

RT: 16.80 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

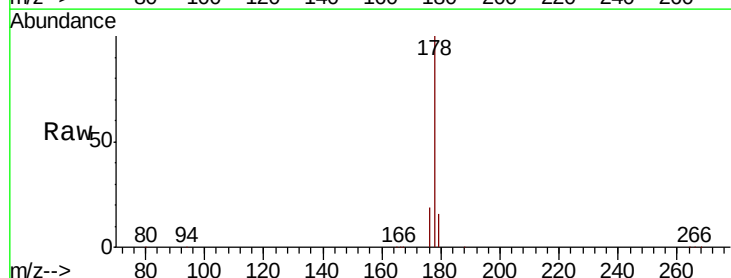
Tgt Ion:178 Resp: 226266

Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

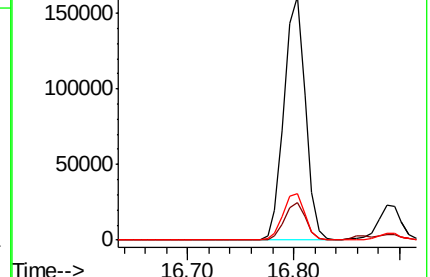
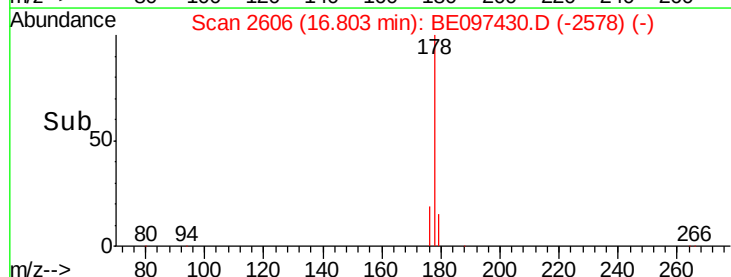
176 19.2 13.6 20.4

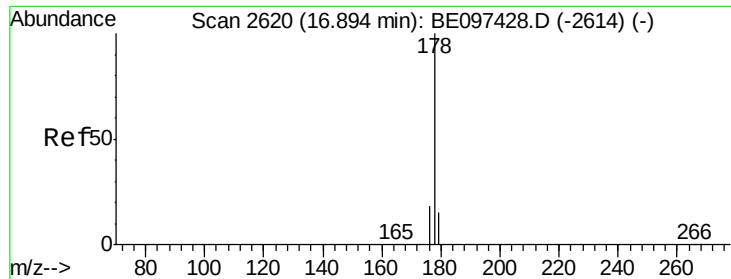


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 1.692 ng/ul

RT: 16.89 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_E

ClientSampleId :

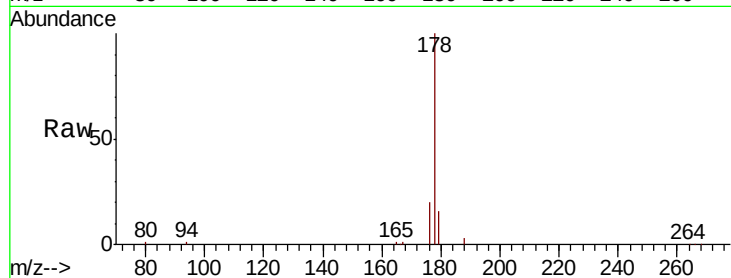
Tot Ion:178 Resp: 34037

Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

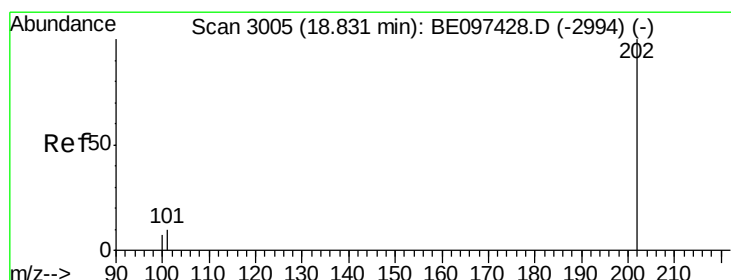
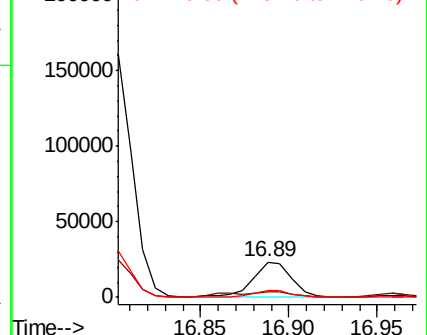
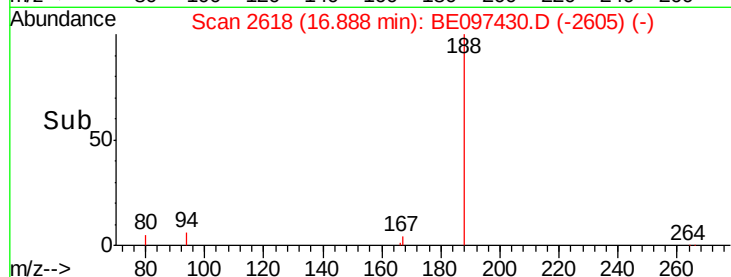
176 19.8 14.7 22.1



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



#15

Fluoranthene

Concen: 11.613 ng/ul

RT: 18.83 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

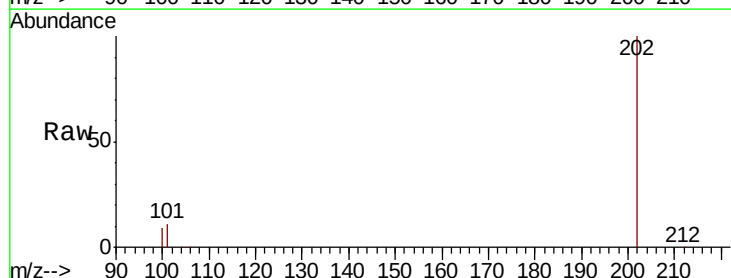
Tgt Ion:202 Resp: 356963

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

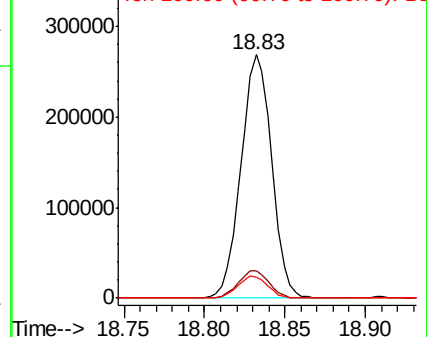
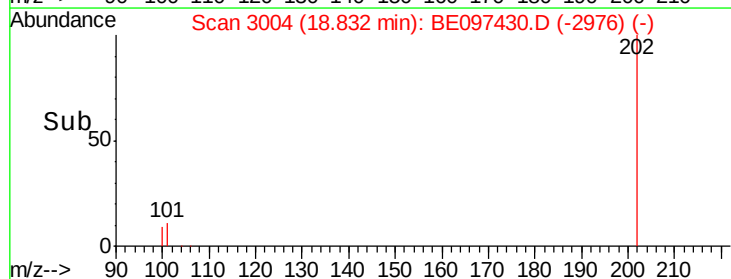
100 8.8 0.0 39.5

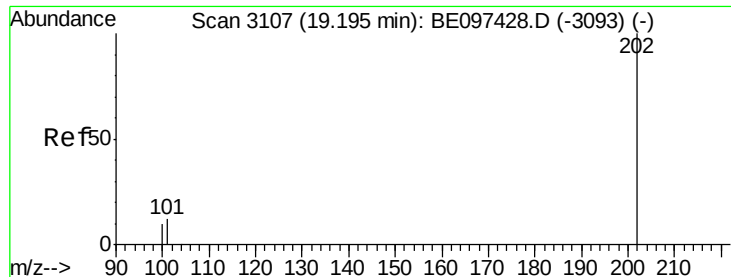


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pvrene

Concen: 10.455 ng/ul

RT: 19.20 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_E

ClientSampleId :

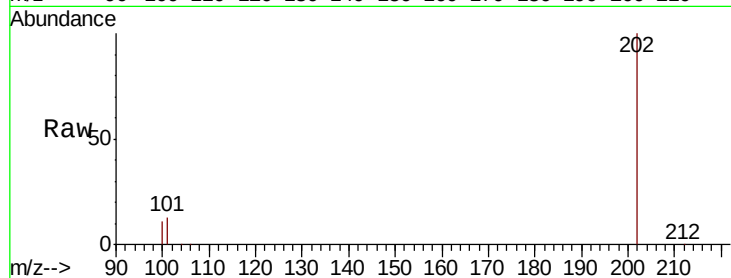
Tot Ion:202 Resp: 313490

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

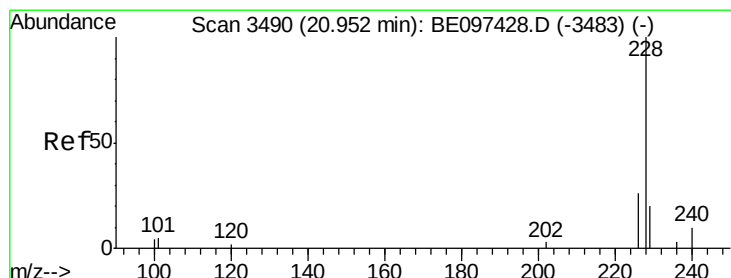
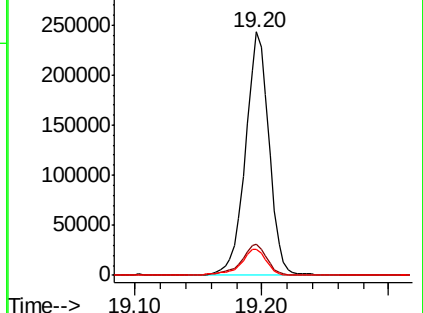
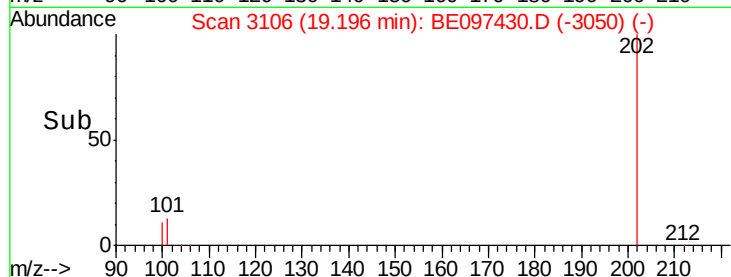
100 10.8 15.6 23.4#



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: 5.887 ng/ul

RT: 20.95 min Scan# 3489

Delta R.T. 0.00 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

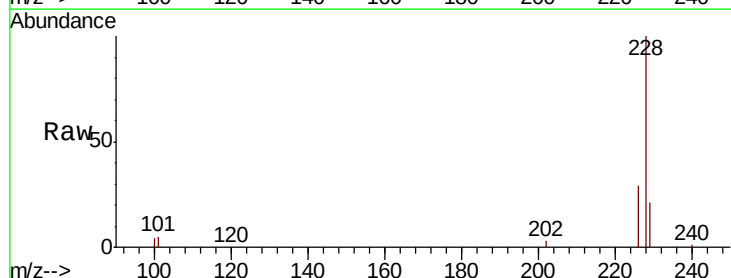
Tgt Ion:228 Resp: 168519

Ion Ratio Lower Upper

228 100

229 20.7 22.8 34.2#

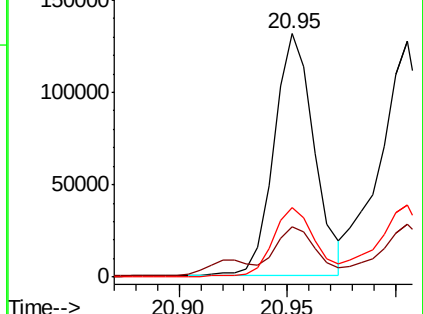
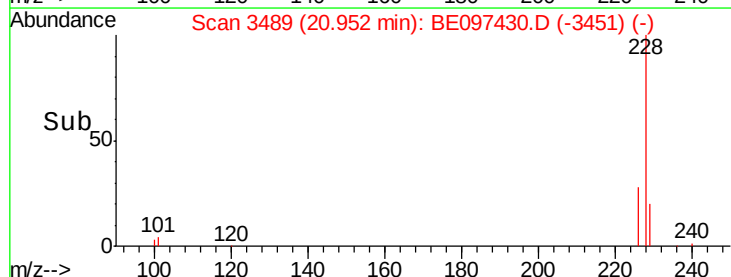
226 28.8 17.0 25.6#

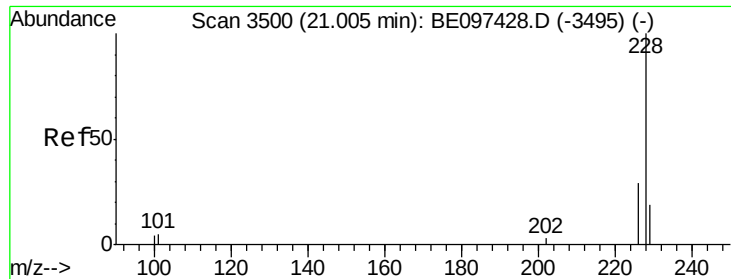


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.600 ng/ul

RT: 21.01 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_E

ClientSampleId :

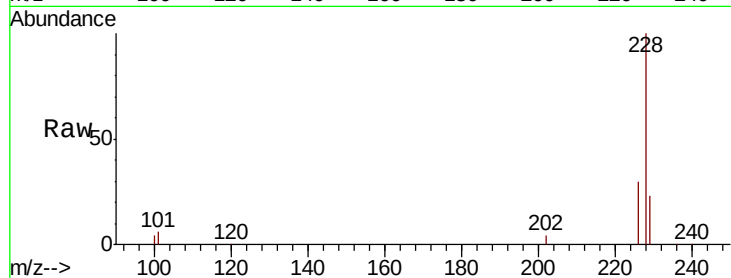
Tot Ion:228 Resp: 184695

Ion Ratio Lower Upper

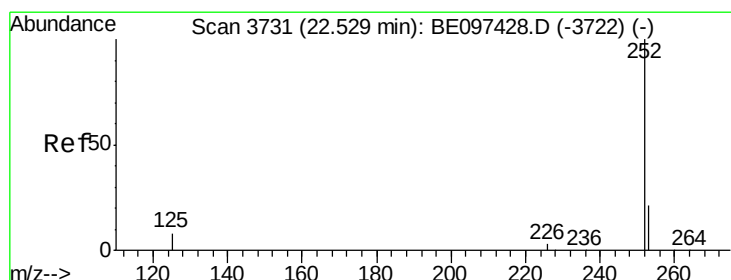
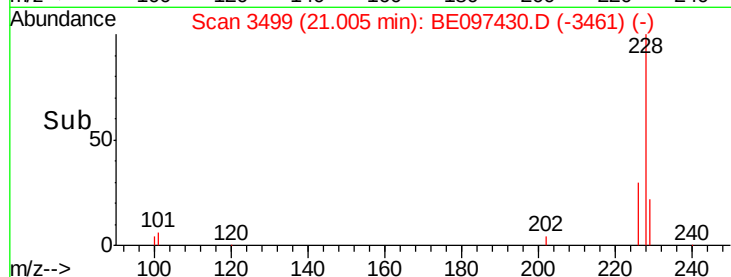
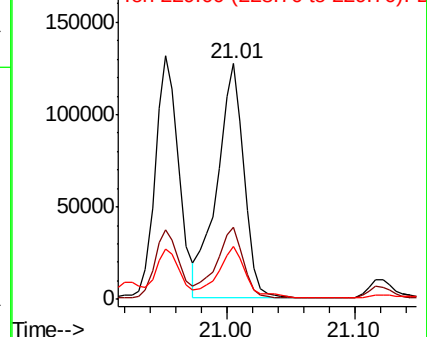
228 100

226 30.4 23.4 35.0

229 22.6 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: 11.594 ng/ul

RT: 22.54 min Scan# 3731

Delta R.T. 0.01 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

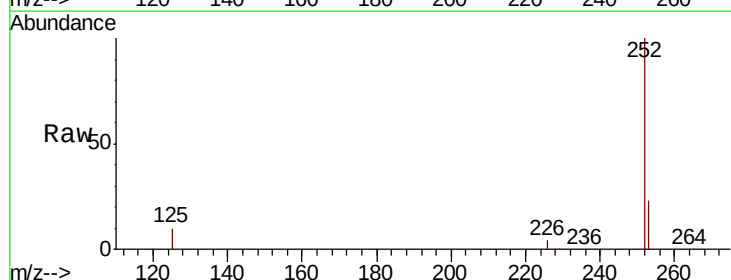
Tgt Ion:252 Resp: 330713

Ion Ratio Lower Upper

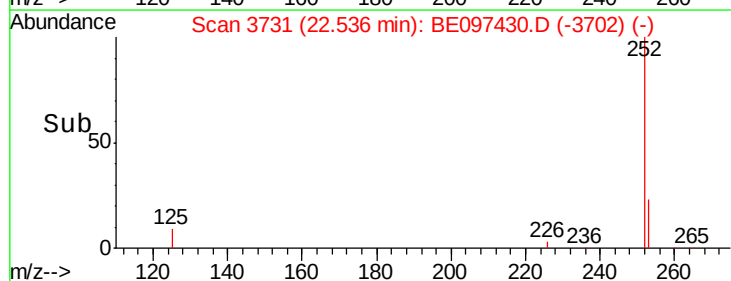
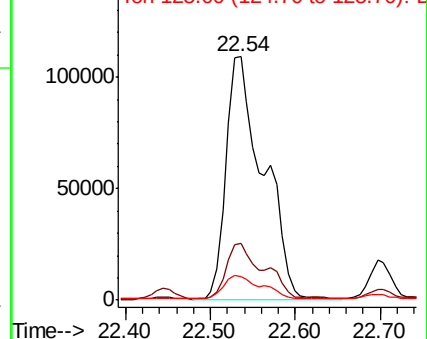
252 100

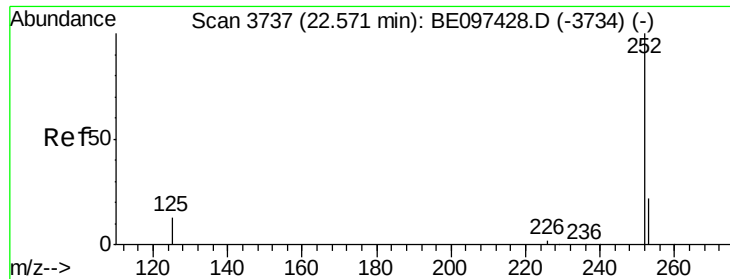
253 23.3 0.0 64.2

125 9.7 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: 10.398 ng/ul

RT: 22.54 min Scan# 3731

Delta R.T. -0.04 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_E

ClientSampleId :

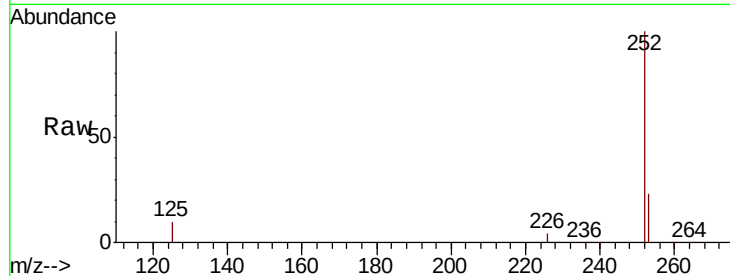
Tot Ion:252 Resp: 330713

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

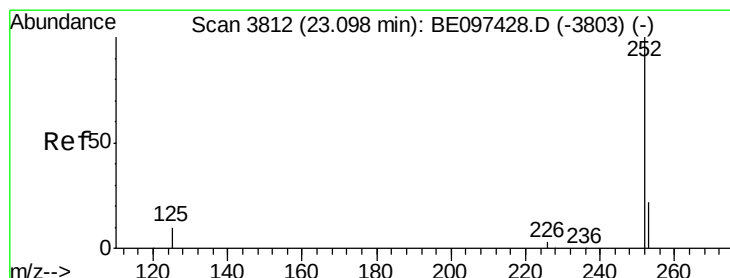
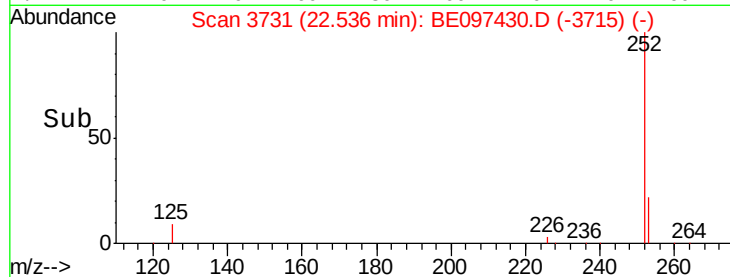
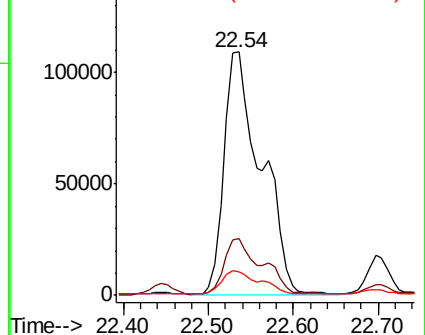
125 9.7 13.7 20.5#



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: 6.050 ng/ul

RT: 23.11 min Scan# 3812

Delta R.T. 0.01 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

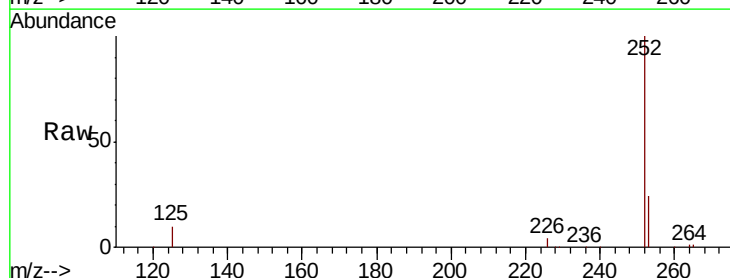
Tgt Ion:252 Resp: 159649

Ion Ratio Lower Upper

252 100

253 23.5 28.5 42.7#

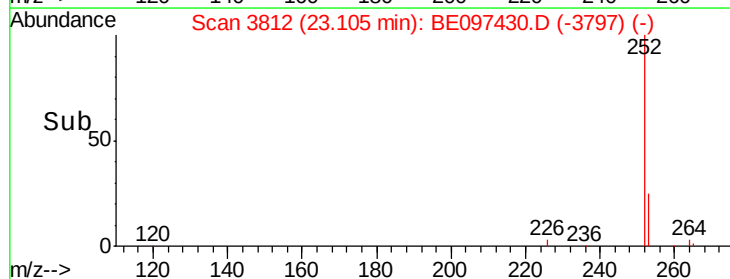
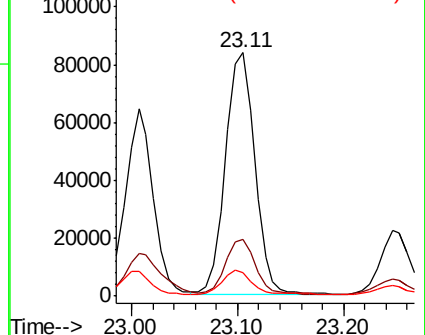
125 9.6 18.1 27.1#

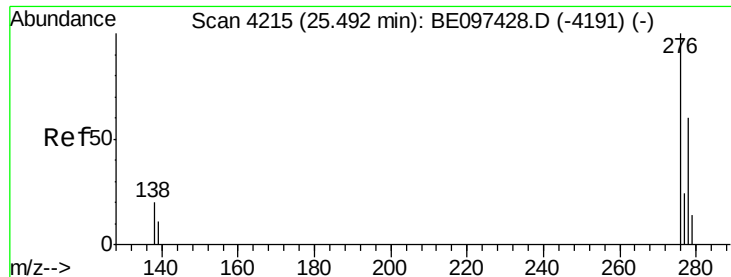


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

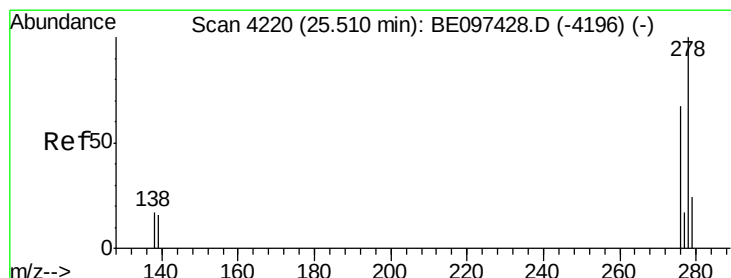
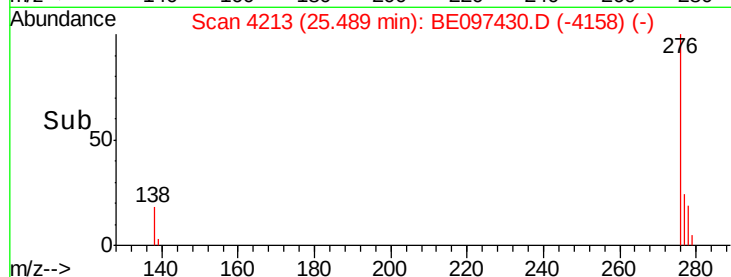
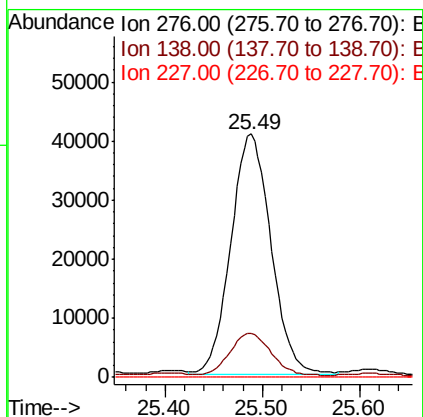
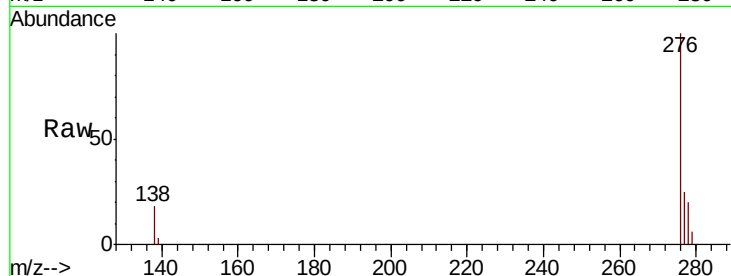




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.420 ng/ul
 RT: 25.49 min Scan# 4213
 Delta R.T. -0.00 min
 Lab File: BE097430.D
 Acq: 7 Sep 2018 20:54

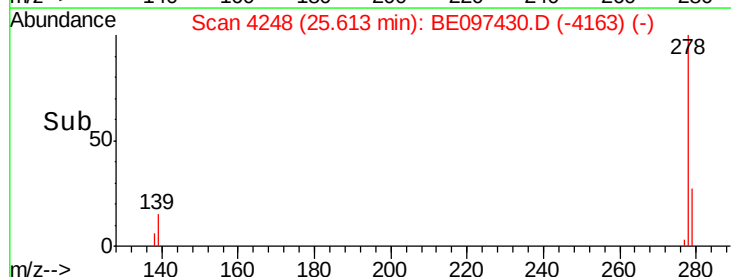
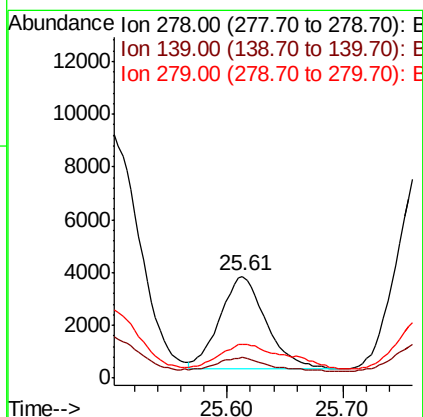
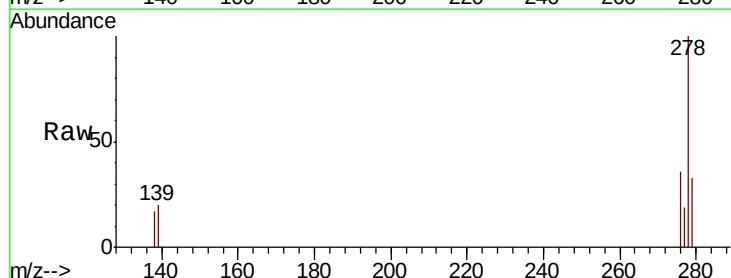
Instrument :
 BNA_E
 ClientSampleId :

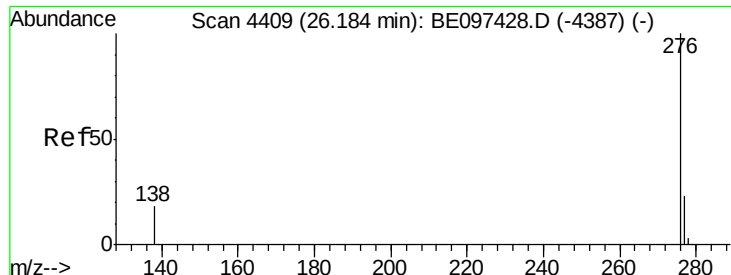
Tot Ion:276 Resp: 116975
 Ion Ratio Lower Upper
 276 100
 138 17.7 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.329 ng/ul
 RT: 25.61 min Scan# 4248
 Delta R.T. 0.10 min
 Lab File: BE097430.D
 Acq: 7 Sep 2018 20:54

Tgt Ion:278 Resp: 9543
 Ion Ratio Lower Upper
 278 100
 139 20.3 17.4 26.0
 279 33.3 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 3.852 ng/ul

RT: 26.19 min Scan# 4410

Delta R.T. 0.01 min

Lab File: BE097430.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_E

ClientSampleId :

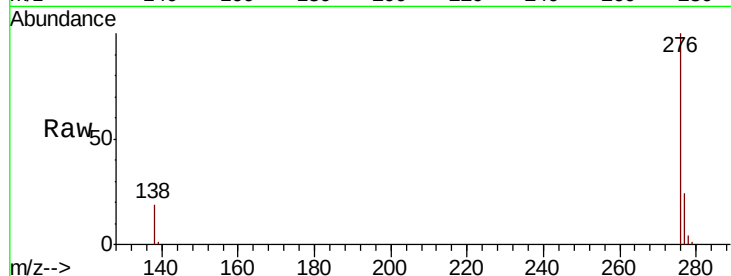
Tot Ion:276 Resp: 112313

Ion Ratio Lower Upper

276 100

138 18.7 21.8 32.8#

277 24.4 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

