

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097426.D
 Acq On : 7 Sep 2018 15:49
 Operator : SJ/JU
 Sample : J4688-19MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 07 23:51:44 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

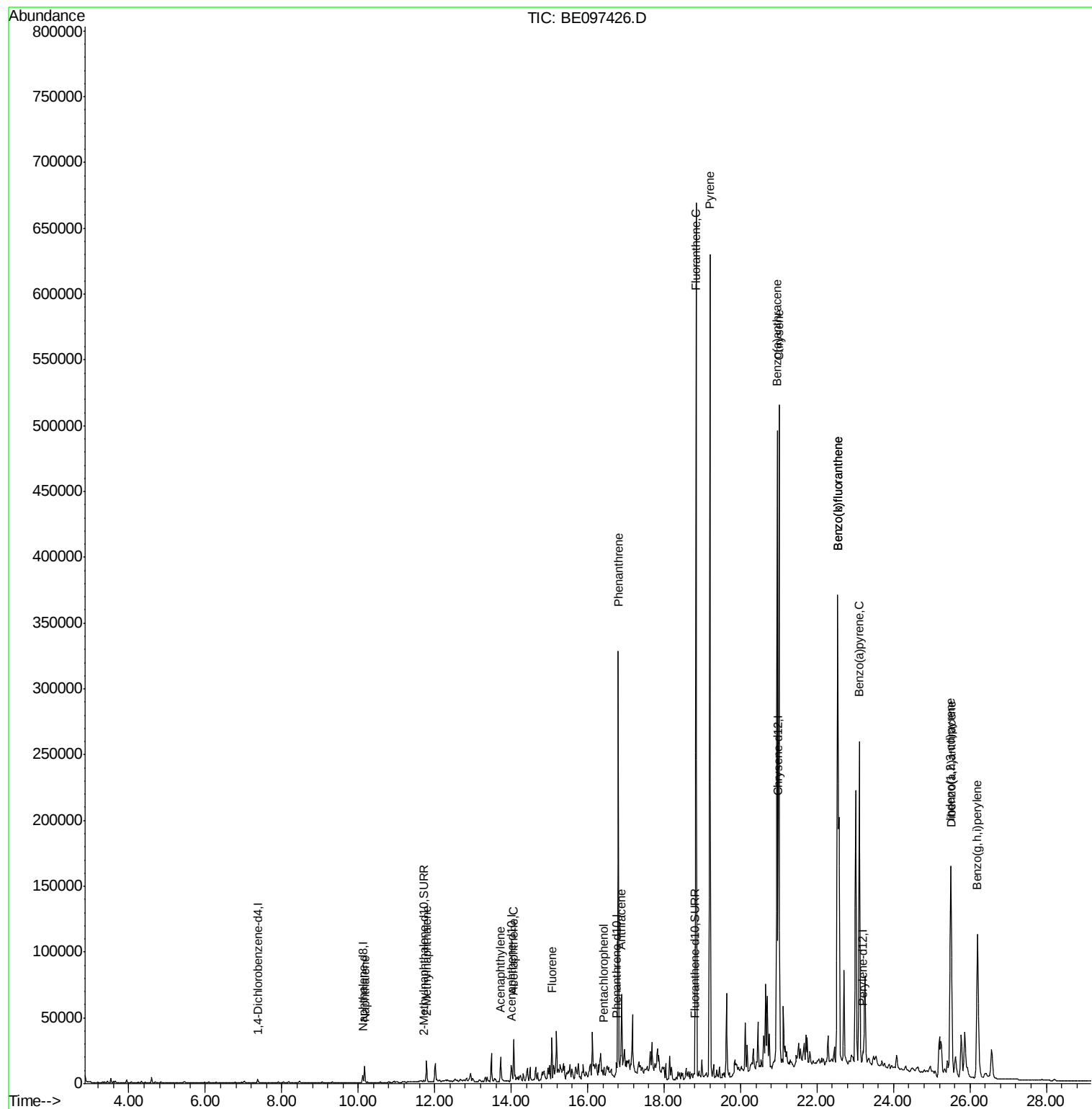
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	983	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5488	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4385	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9935	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11003	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	11889	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2144	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	7493	0.23	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	18412	1.376	ng/ul#	92
5) 2-Methylnaphthalene	11.79	142	13361	1.580	ng/ul	99
7) Acenaphthylene	13.72	152	25351	1.587	ng/ul	99
8) Acenaphthene	14.07	153	18593	1.353	ng/ul	96
9) Fluorene	15.07	166	16922	1.075	ng/ul#	89
11) Pentachlorophenol	16.42	266	468	0.478	ng/ul	92
12) Phenanthrene	16.80	178	338278	13.227	ng/ul#	90
13) Anthracene	16.89	178	64889	3.018	ng/ul#	94
15) Fluoranthene	18.84	202	743099	22.618	ng/ul	83
17) Pyrene	19.20	202	687006	23.203	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	371265	13.135	ng/ul#	85
19) Chrysene	21.00	228	429493	13.189	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	798113	25.067	ng/ul	84
22) Benzo(k)fluoranthene	22.54	252	798113	22.480	ng/ul#	86
23) Benzo(a)pyrene	23.10	252	346500	11.764	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	262623	6.879	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.51	278	72661	2.246	ng/ul	93
26) Benzo(g,h,i)perylene	26.20	276	243846	7.492	ng/ul#	90

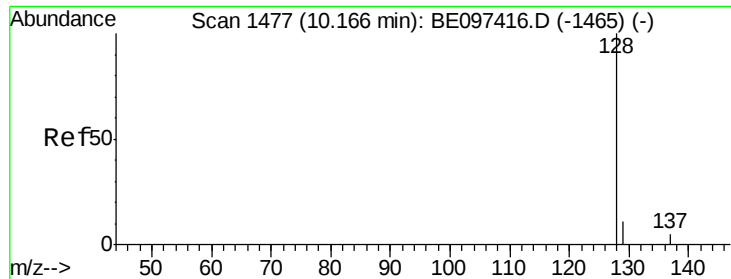
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.376 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

Instrument :

BNA_E

ClientSampleId :

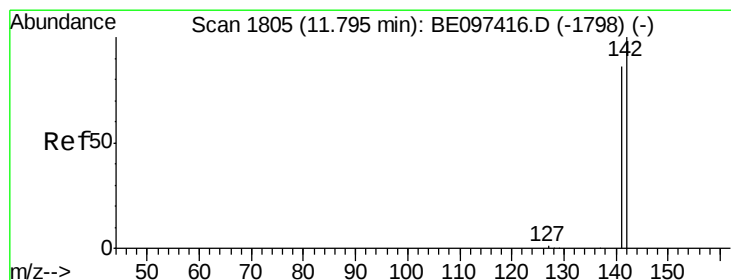
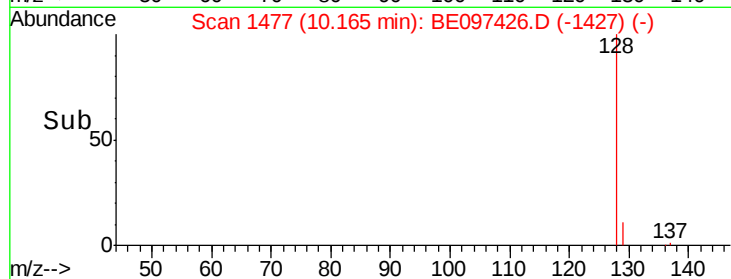
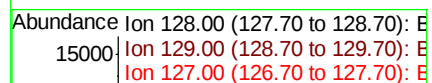
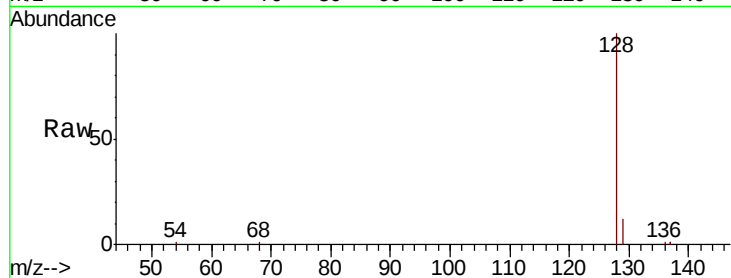
Tot Ion:128 Resp: 18412

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 1.580 ng/ul

RT: 11.79 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BE097426.D

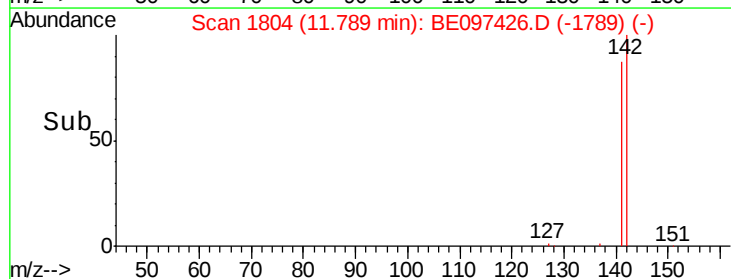
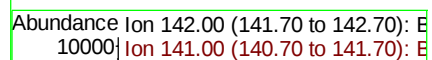
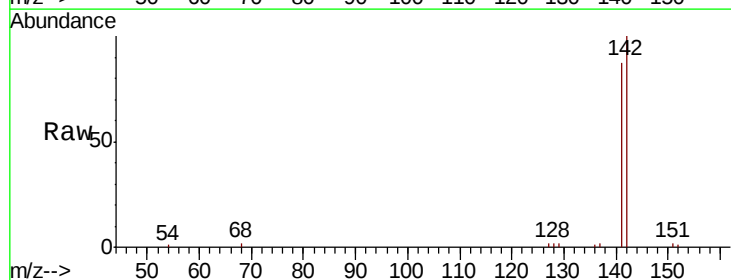
Acq: 7 Sep 2018 15:49

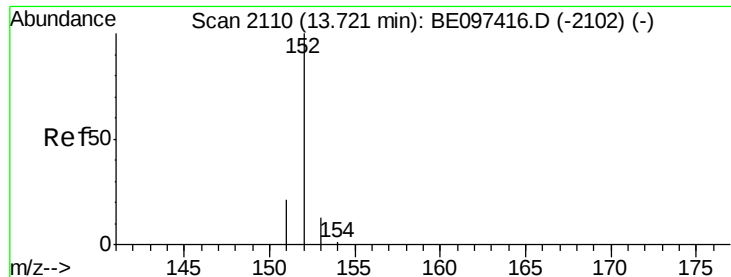
Tgt Ion:142 Resp: 13361

Ion Ratio Lower Upper

142 100

141 89.4 72.6 108.8





#7

Acenaphthylene

Concen: 1.587 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

Instrument :

BNA_E

ClientSampleId :

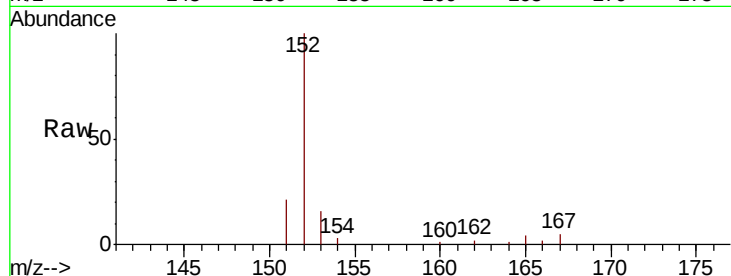
Tot Ion:152 Resp: 25351

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

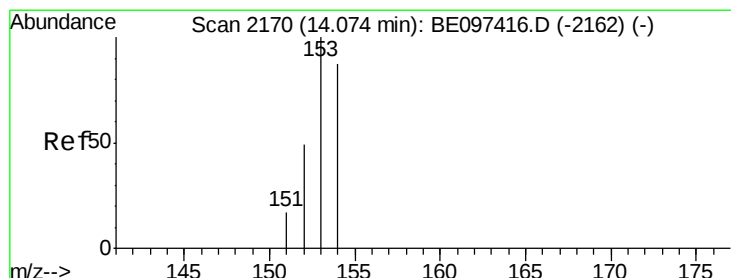
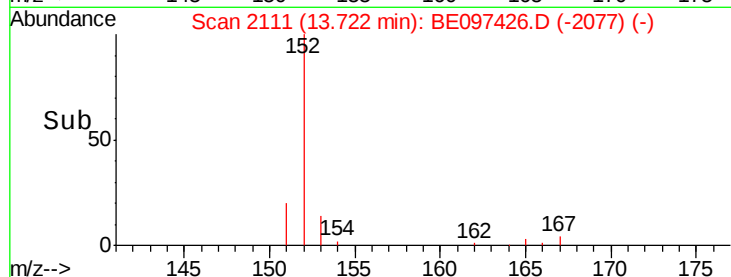
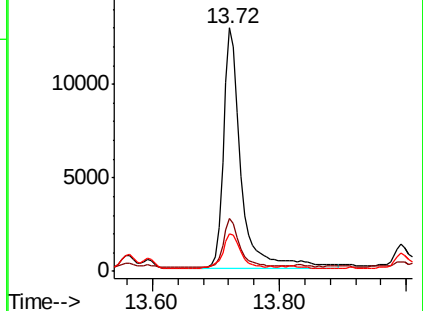
153 15.6 12.8 19.2



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: 1.353 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

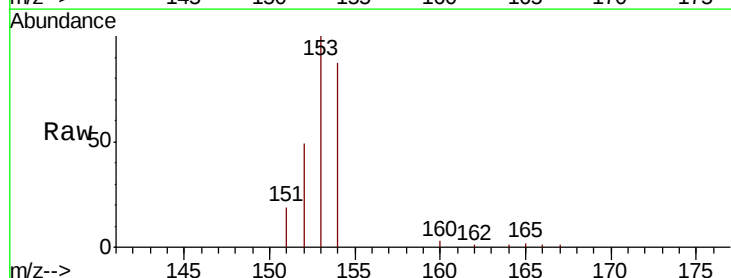
Tgt Ion:153 Resp: 18593

Ion Ratio Lower Upper

153 100

152 49.3 36.0 54.0

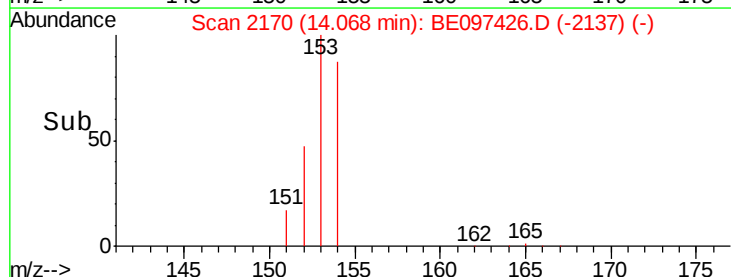
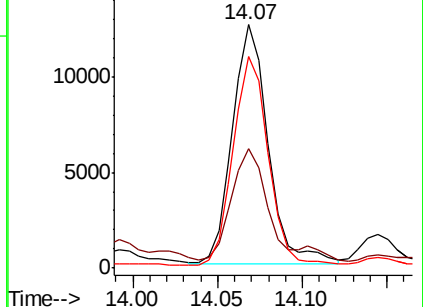
154 87.0 72.0 108.0

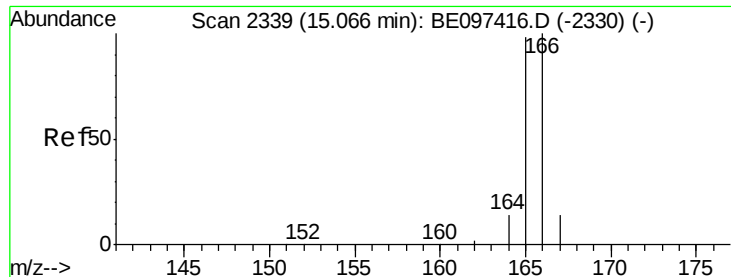


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

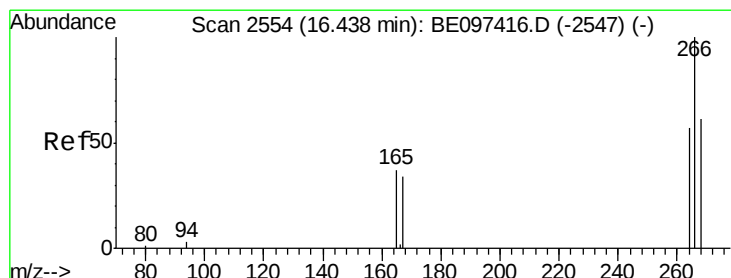
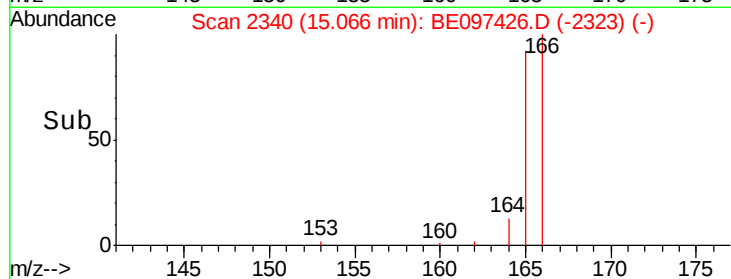
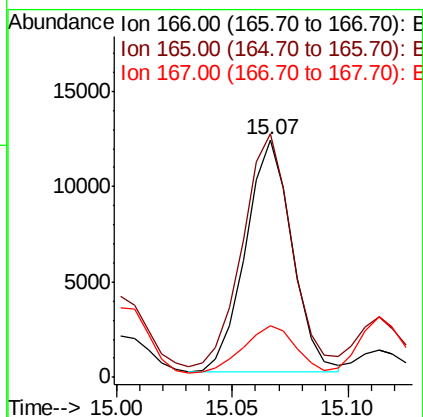
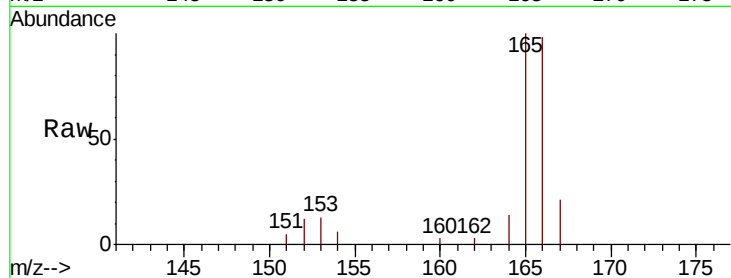




#9
Fluorene
 Concen: 1.075 ng/ul
 RT: 15.07 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BE097426.D
 Acq: 7 Sep 2018 15:49

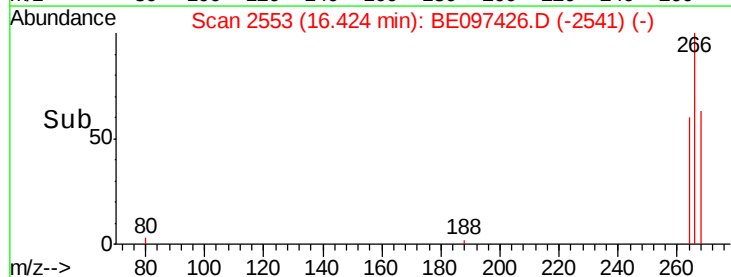
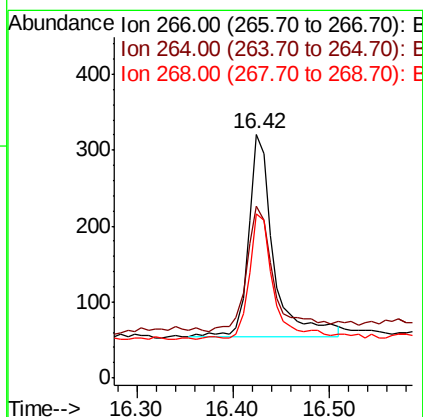
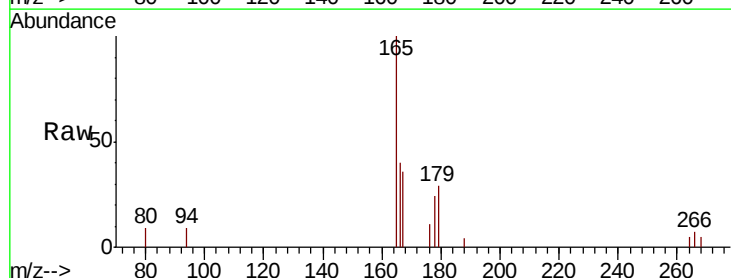
Instrument :
 BNA_E
 ClientSampleId :

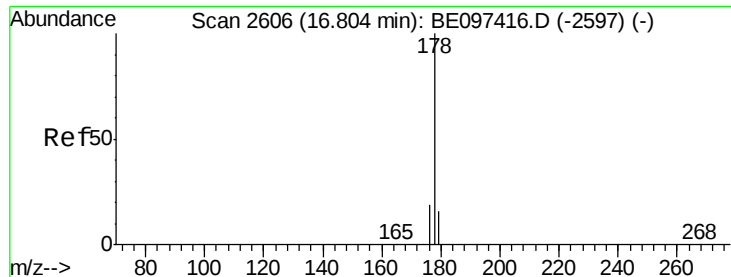
Tot Ion:166 Resp: 16922
 Ion Ratio Lower Upper
 166 100
 165 102.5 73.4 110.2
 167 22.0 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.478 ng/ul
 RT: 16.42 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BE097426.D
 Acq: 7 Sep 2018 15:49

Tgt Ion:266 Resp: 468
 Ion Ratio Lower Upper
 266 100
 264 69.9 47.9 71.9
 268 59.6 49.8 74.8





#12

Phenanthrene

Concen: 13.227 ng/ul

RT: 16.80 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

Instrument :

BNA_E

ClientSampleId :

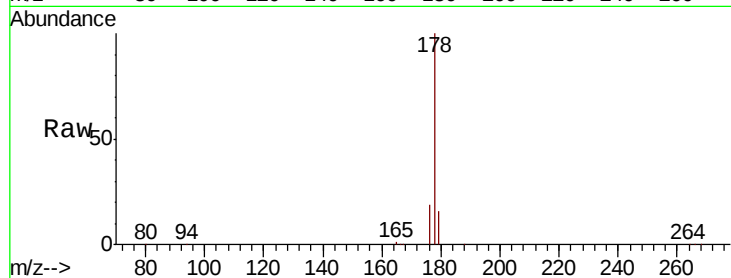
Tot Ion:178 Resp: 338278

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

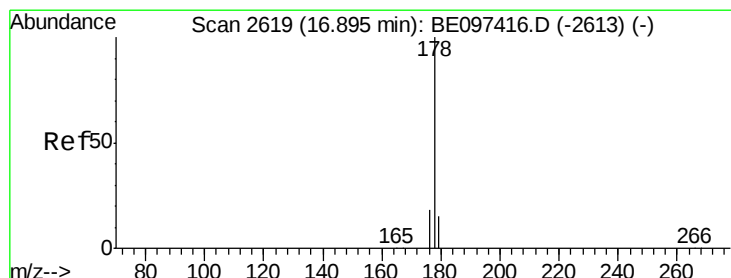
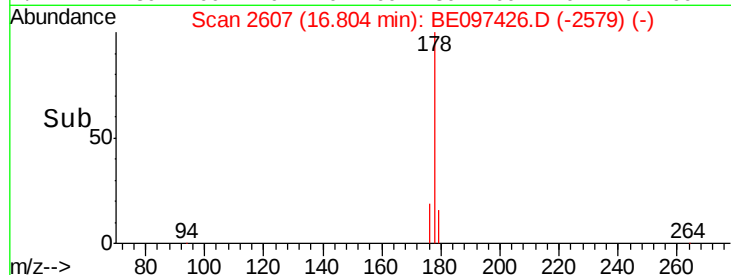
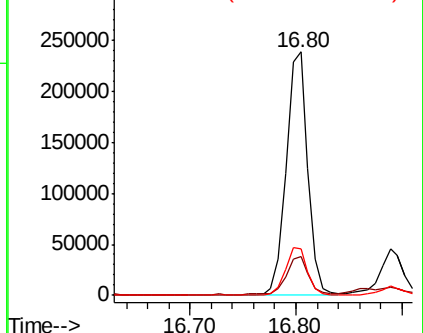
176 19.2 13.6 20.4



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: 3.018 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

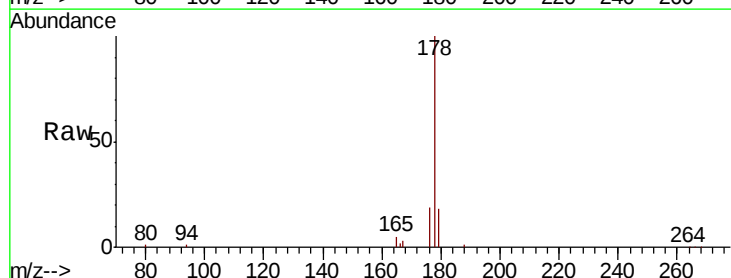
Tgt Ion:178 Resp: 64889

Ion Ratio Lower Upper

178 100

179 17.9 18.1 27.1#

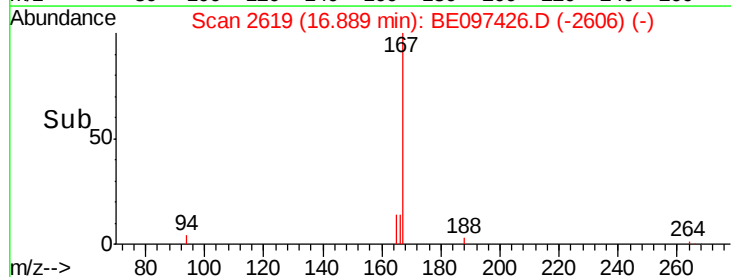
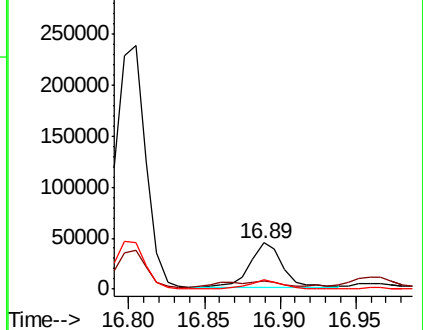
176 19.3 14.7 22.1

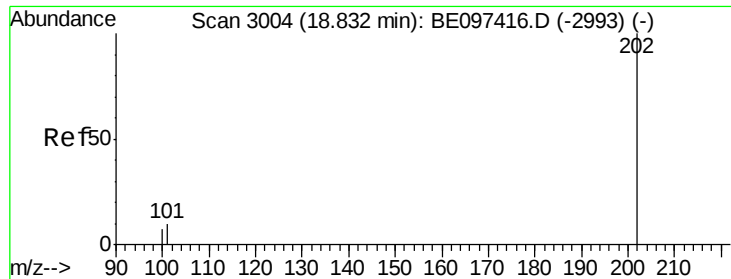


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

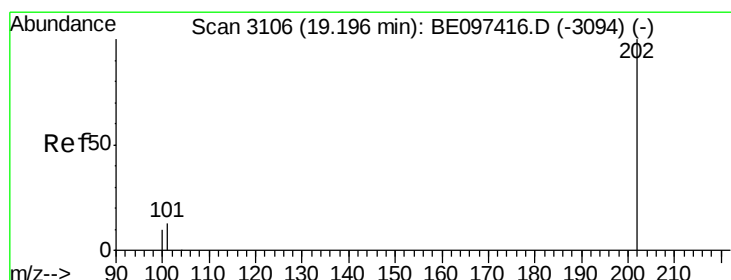
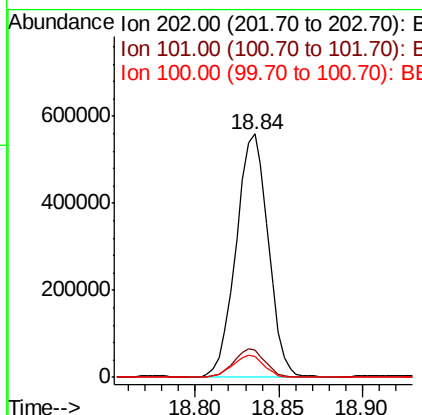
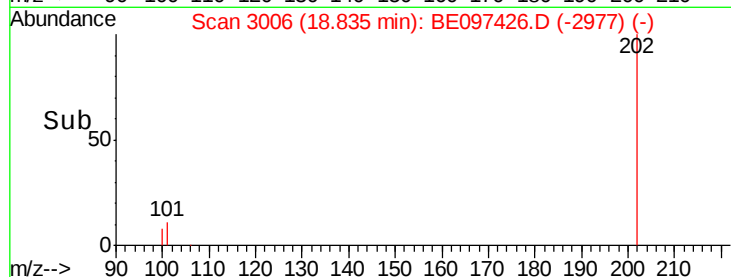
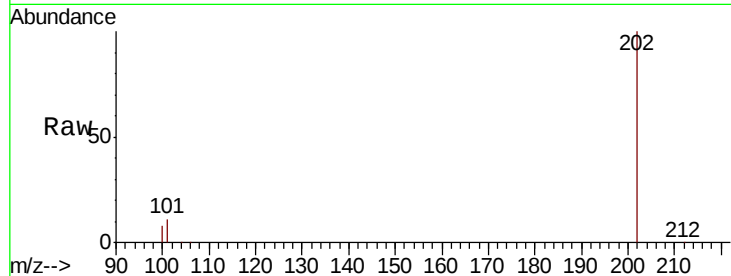




#15
Fluoranthene
Concen: 22.618 ng/ul
RT: 18.84 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BE097426.D
Acq: 7 Sep 2018 15:49

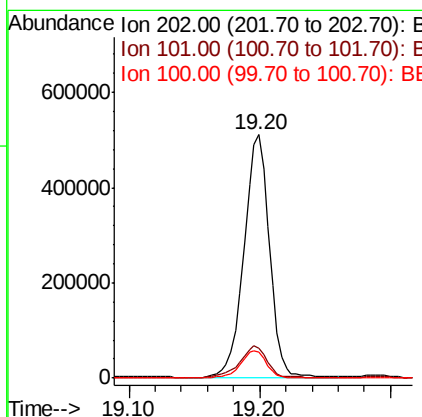
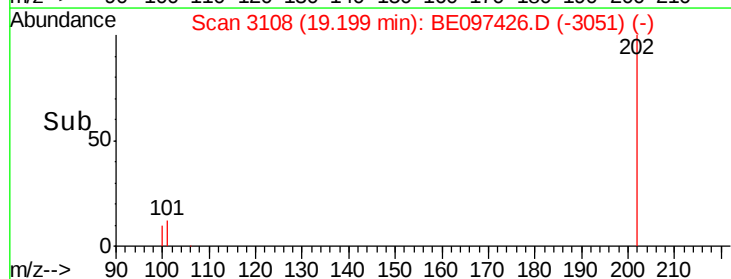
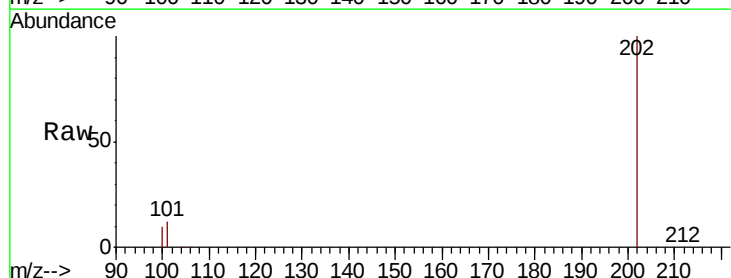
Instrument :
BNA_E
ClientSampleId :

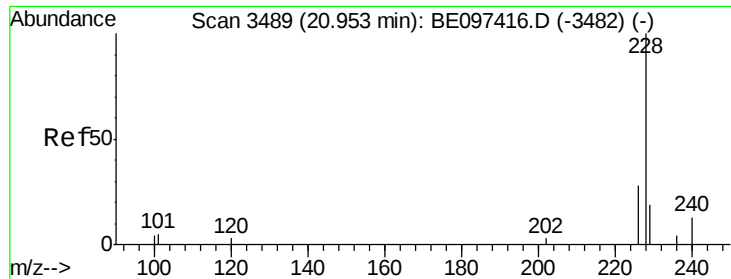
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	8.4	0.0	39.5



#17
Pyrene
Concen: 23.203 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097426.D
Acq: 7 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	18.2	27.4#
100	10.4	15.6	23.4#

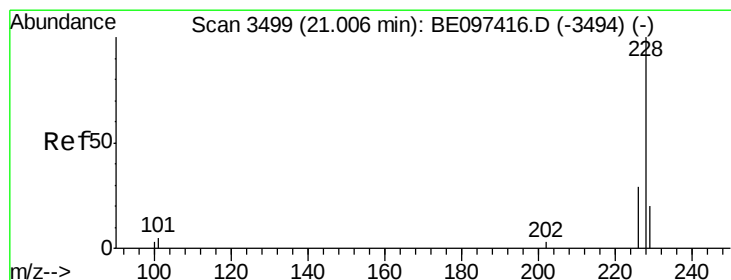
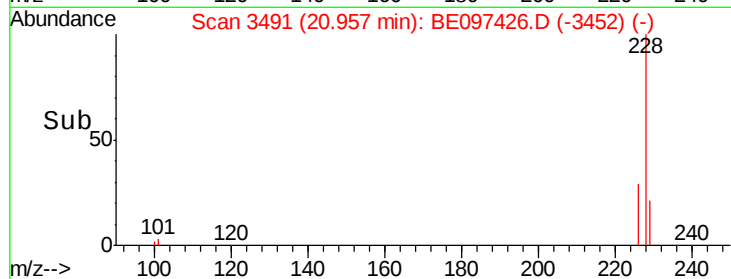
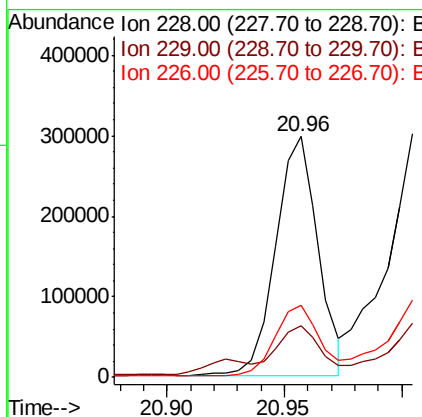
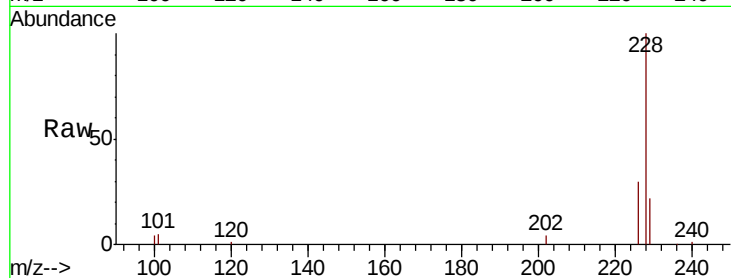




#18
Benzo(a)anthracene
Concen: 13.135 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097426.D
Acq: 7 Sep 2018 15:49

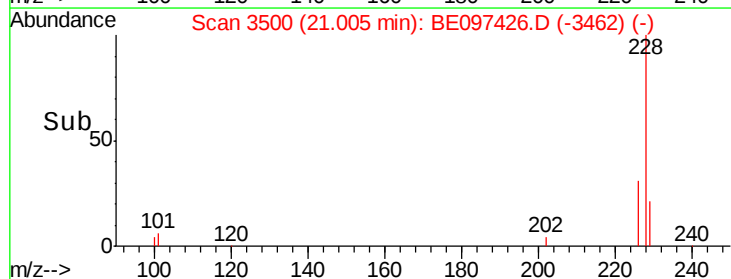
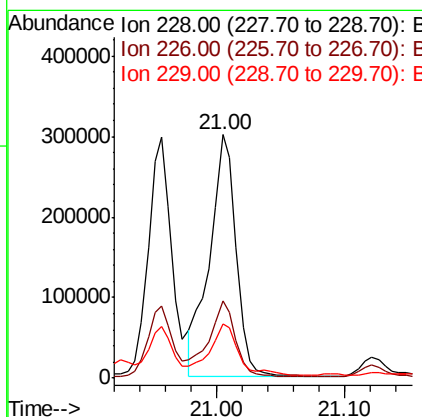
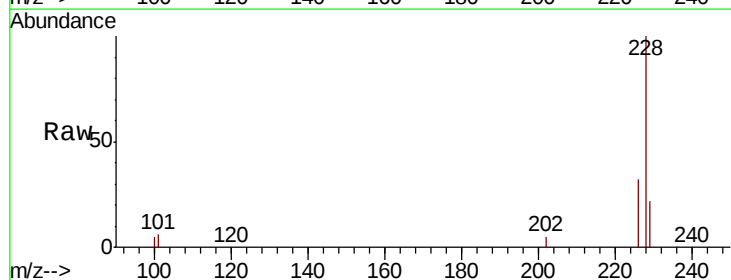
Instrument :
BNA_E
ClientSampleId :

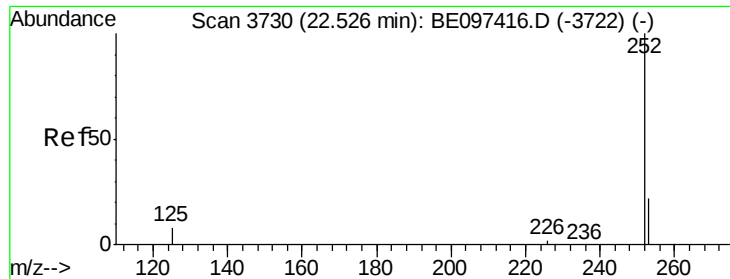
Tot Ion:228 Resp: 371265
Ion Ratio Lower Upper
228 100
229 21.6 22.8 34.2#
226 29.9 17.0 25.6#



#19
Chrysene
Concen: 13.189 ng/ul
RT: 21.00 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097426.D
Acq: 7 Sep 2018 15:49

Tgt Ion:228 Resp: 429493
Ion Ratio Lower Upper
228 100
226 31.5 23.4 35.0
229 22.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 25.067 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

Instrument :

BNA_E

ClientSampleId :

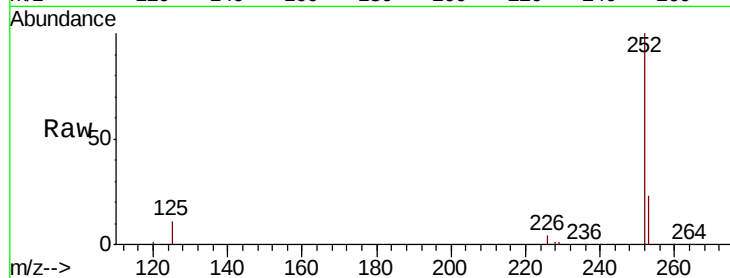
Tot Ion:252 Resp: 798113

Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

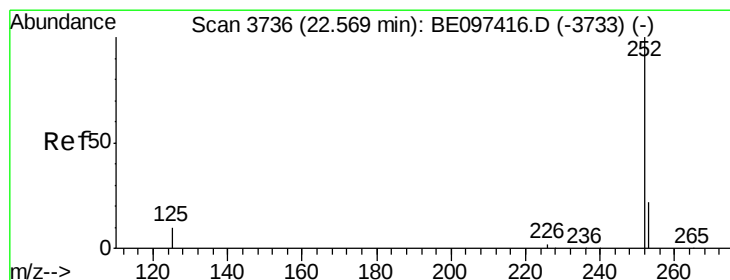
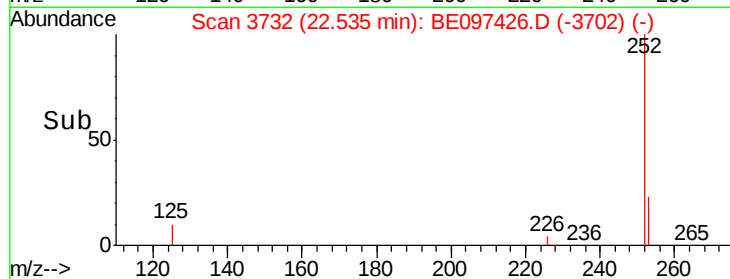
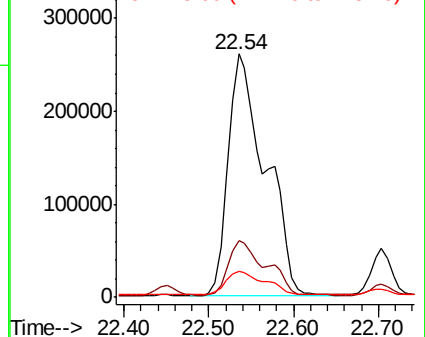
125 10.8 0.0 35.0



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: 22.480 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

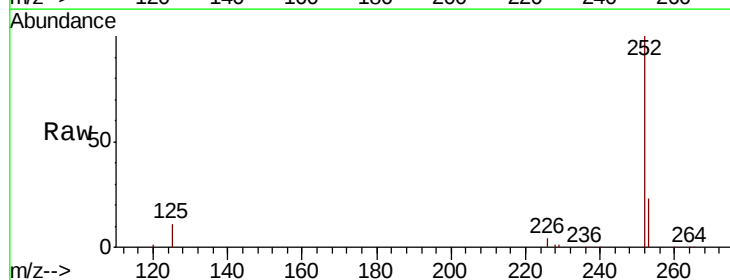
Tgt Ion:252 Resp: 798113

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

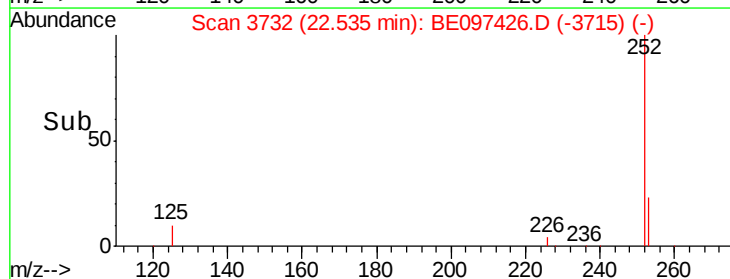
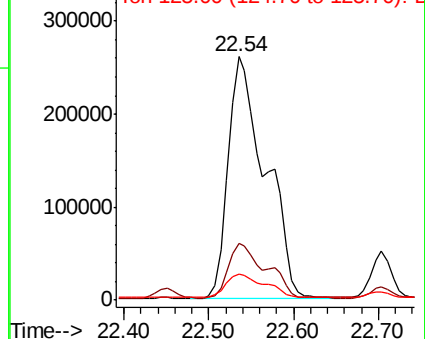
125 10.8 13.7 20.5#

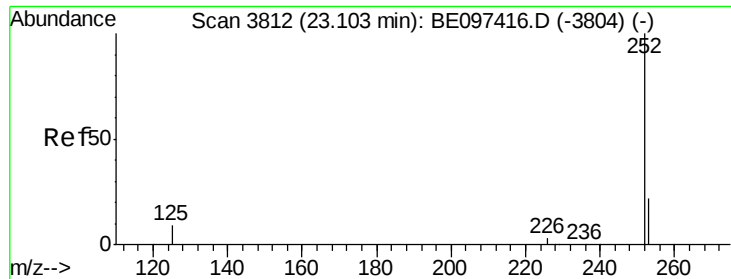


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 11.764 ng/ul

RT: 23.10 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

Instrument :

BNA_E

ClientSampleId :

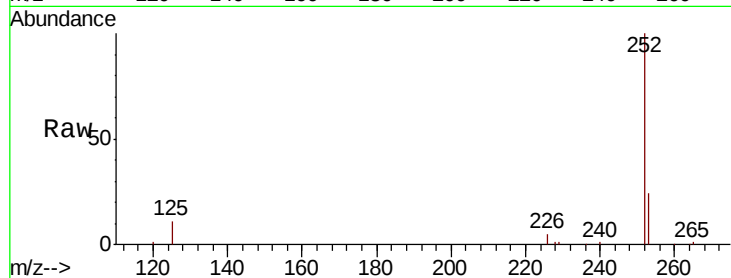
Tot Ion:252 Resp: 346500

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

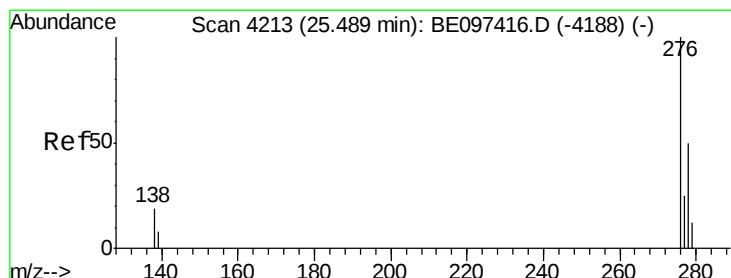
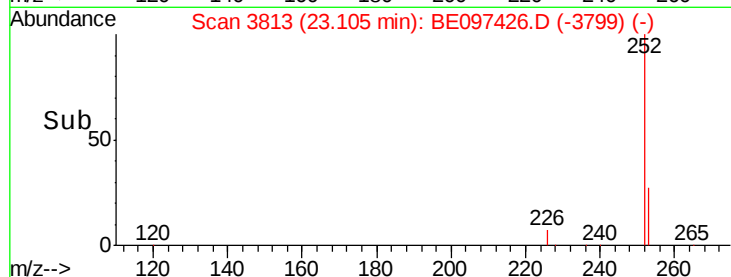
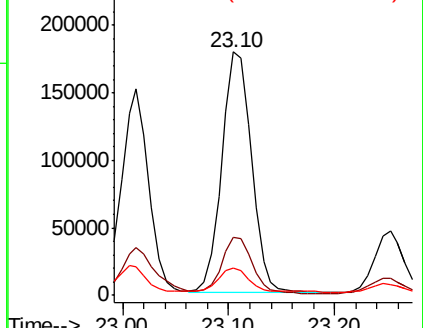
125 11.3 18.1 27.1#



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: 6.879 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. 0.01 min

Lab File: BE097426.D

Acq: 7 Sep 2018 15:49

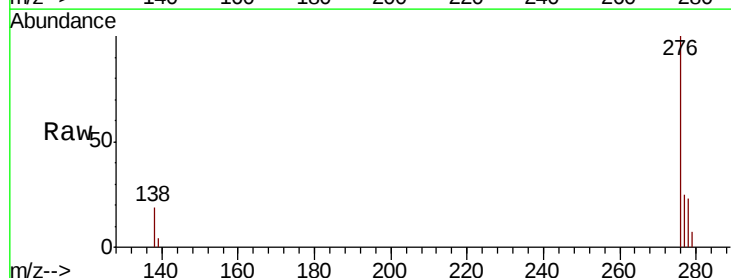
Tgt Ion:276 Resp: 262623

Ion Ratio Lower Upper

276 100

138 23.2 28.0 42.0#

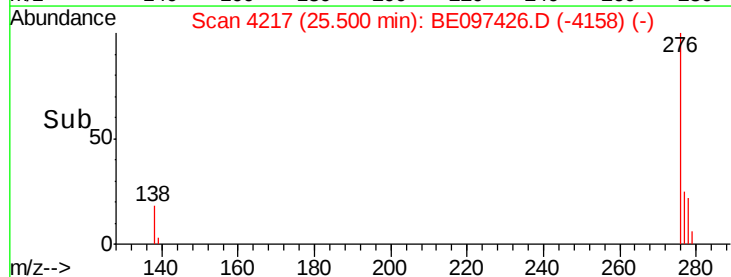
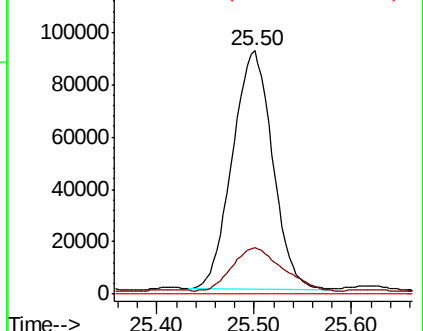
227 0.0 8.0 12.0#

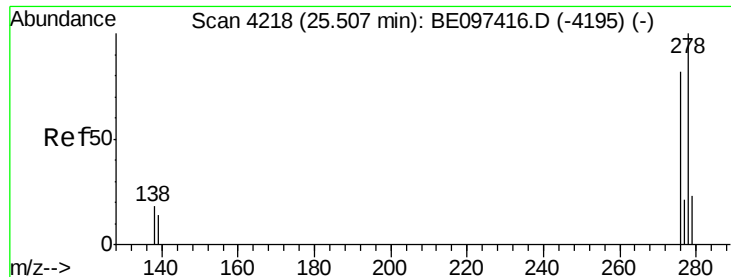


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

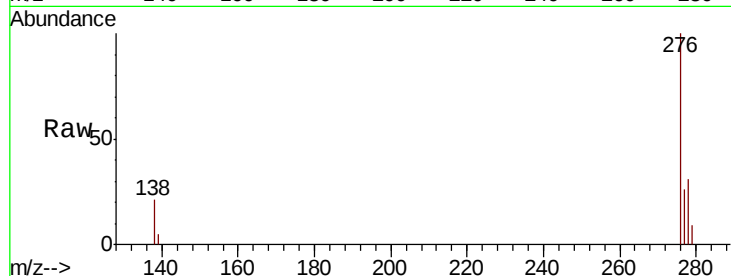




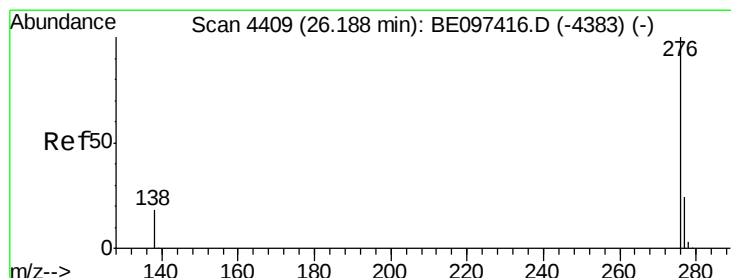
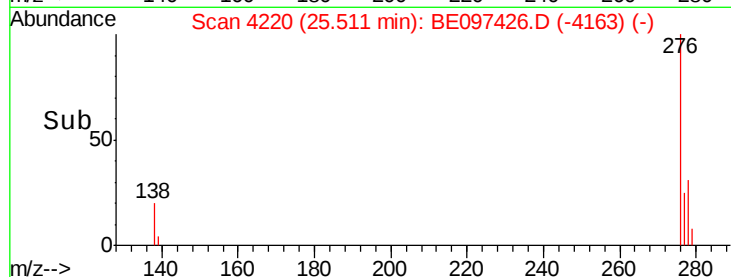
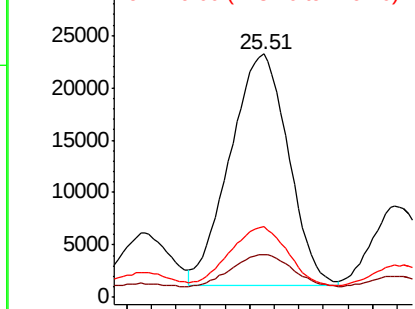
#25
Dibenzo(a,h)anthracene
Concen: 2.246 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BE097426.D
Acq: 7 Sep 2018 15:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 72661
Ion Ratio Lower Upper
278 100
139 17.7 17.4 26.0
279 28.9 25.9 38.9

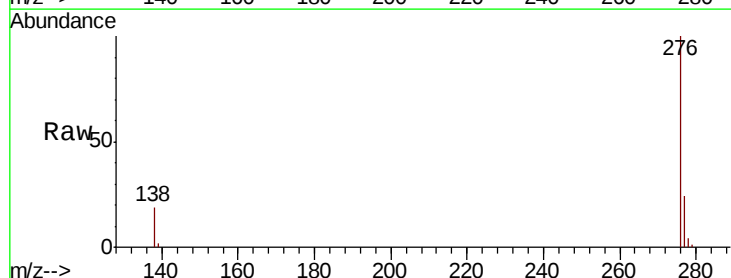


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 7.492 ng/ul
RT: 26.20 min Scan# 4412
Delta R.T. 0.01 min
Lab File: BE097426.D
Acq: 7 Sep 2018 15:49

Tgt Ion:276 Resp: 243846
Ion Ratio Lower Upper
276 100
138 18.8 21.8 32.8#
277 24.3 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

