

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097422.D
 Acq On : 7 Sep 2018 13:19
 Operator : SJ/JU
 Sample : J4688-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 07 23:51:15 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	925	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3230	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	312349	0.40	ng/ul	0.10
16) Chrysene-d12	21.14	240	12	0.40	ng/ul	0.17
20) Perylene-d12	23.48	264	319	0.40	ng/ul	0.27

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1360	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

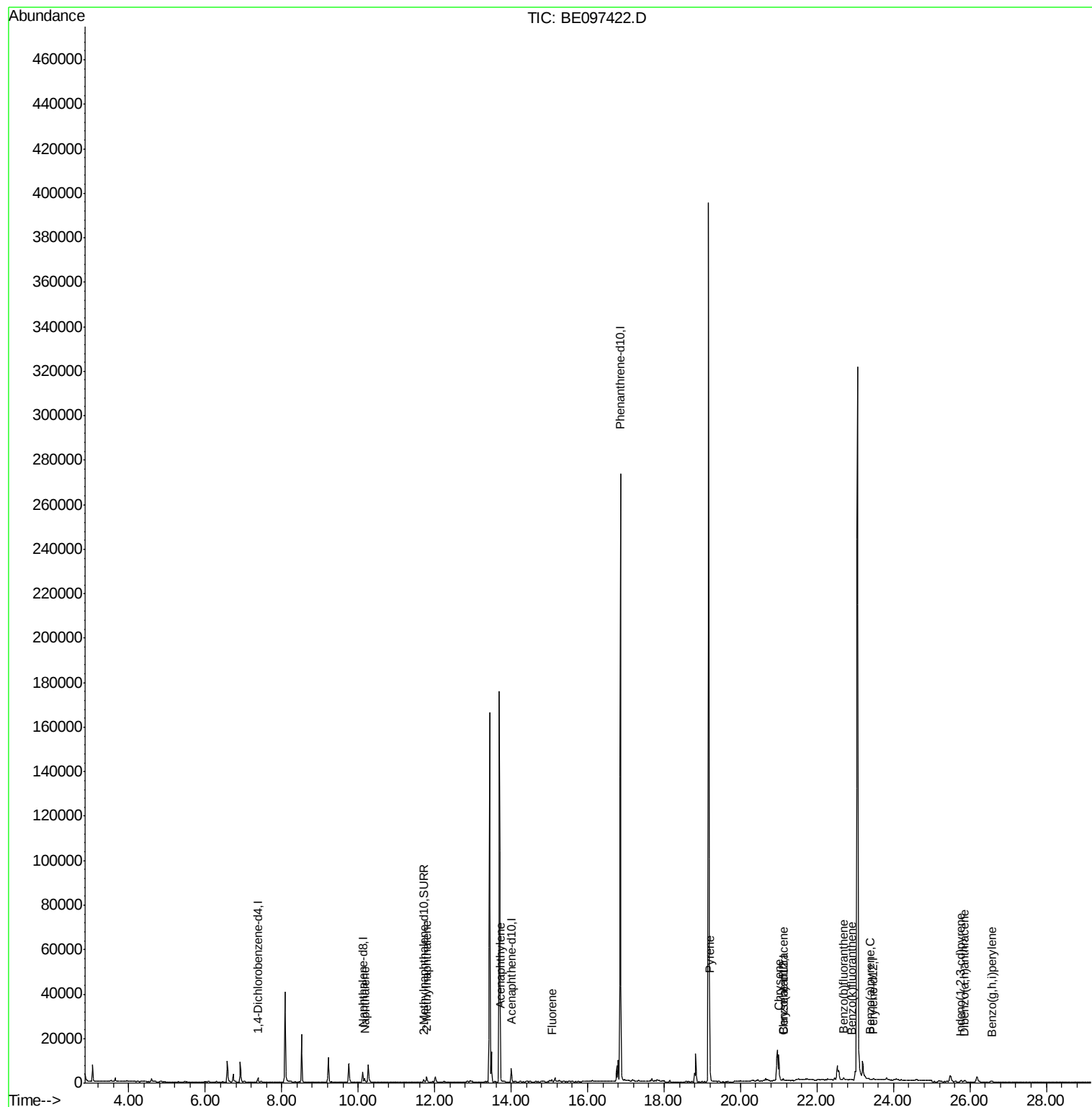
Target Compounds				Ovalue		
3) Naphthalene	10.16	128	2476	0.210	ng/ul#	96
5) 2-Methylnaphthalene	11.79	142	2247	0.302	ng/ul	98
7) Acenaphthylene	13.72	152	487	0.041	ng/ul#	57
9) Fluorene	15.07	166	276	0.024	ng/ul#	62
17) Pyrene	19.20	202	16280	504.152	ng/ul#	79
18) Benzo(a)anthracene	21.12	228	908	29.456	ng/ul#	29
19) Chrysene	21.00	228	9050	254.812	ng/ul	95
21) Benzo(b)fluoranthene	22.70	252	1540	1.803	ng/ul	78
22) Benzo(k)fluoranthene	22.91	252	191	0.200	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	104	0.132	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.76	276	258	0.252	ng/ul#	68
25) Dibenzo(a,h)anthracene	25.85	278	1143	1.317	ng/ul#	76
26) Benzo(g,h,i)perylene	26.56	276	958	1.097	ng/ul#	71

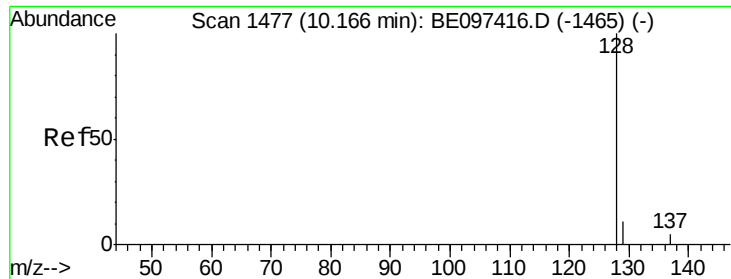
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.210 ng/ul

RT: 10.16 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Instrument :

BNA_E

ClientSampleId :

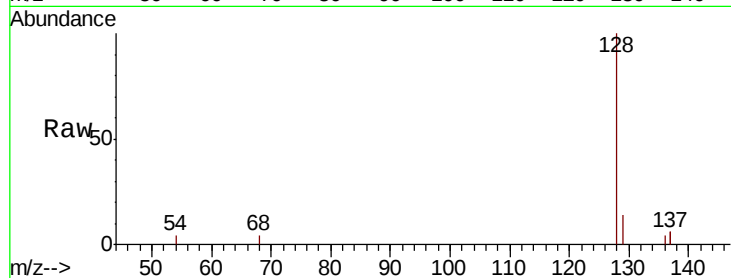
Tot Ion:128 Resp: 2476

Ion Ratio Lower Upper

128 100

129 14.3 11.3 16.9

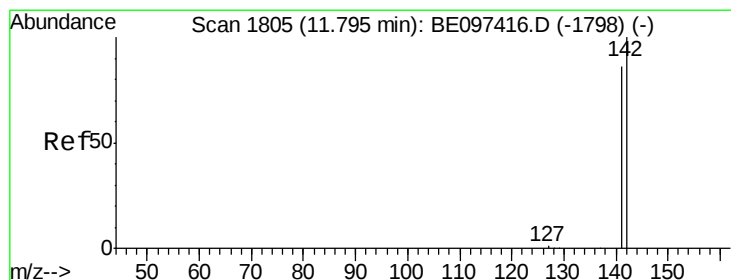
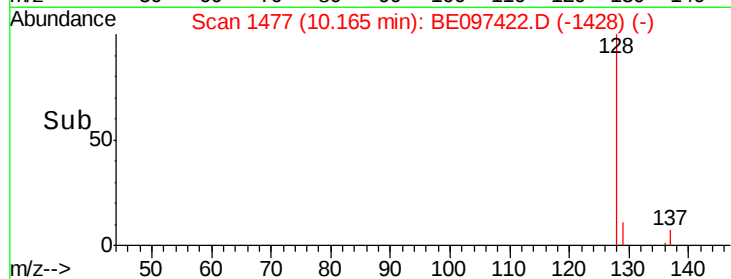
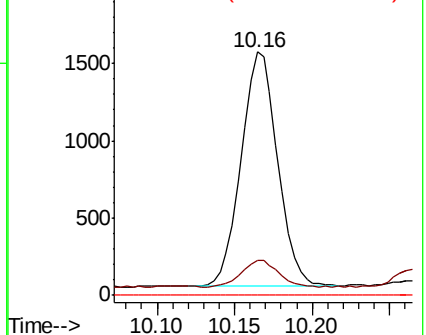
127 0.0 4.0 6.0#



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: 0.302 ng/ul

RT: 11.79 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BE097422.D

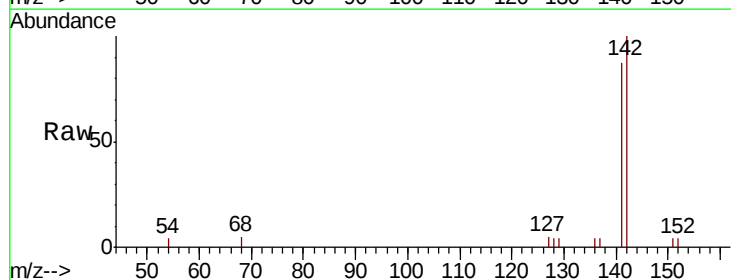
Acq: 7 Sep 2018 13:19

Tgt Ion:142 Resp: 2247

Ion Ratio Lower Upper

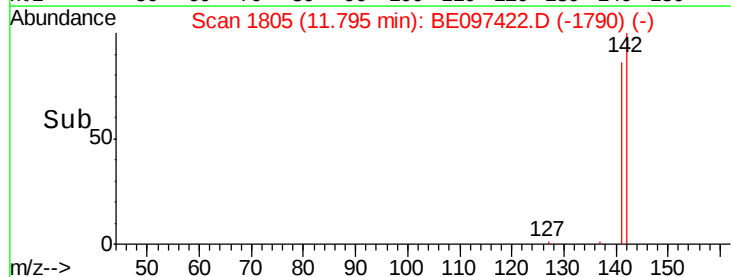
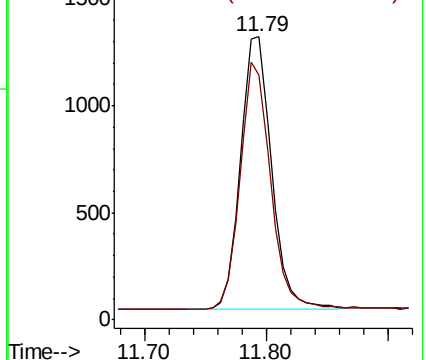
142 100

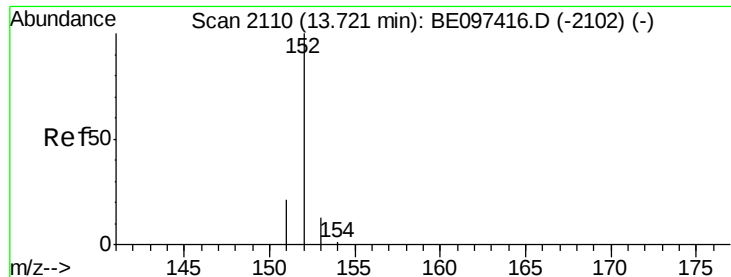
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Instrument :

BNA_E

ClientSampleId :

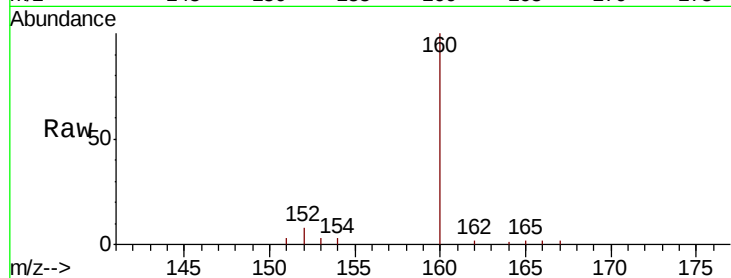
Tot Ion:152 Resp: 487

Ion Ratio Lower Upper

152 100

151 37.0 17.1 25.7#

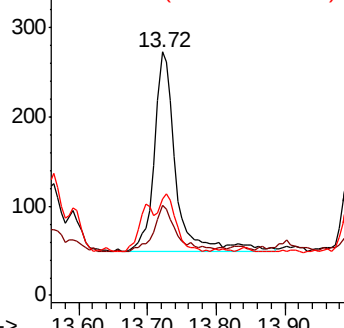
153 39.6 12.8 19.2#



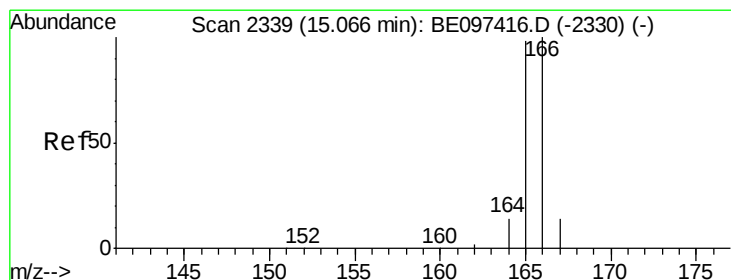
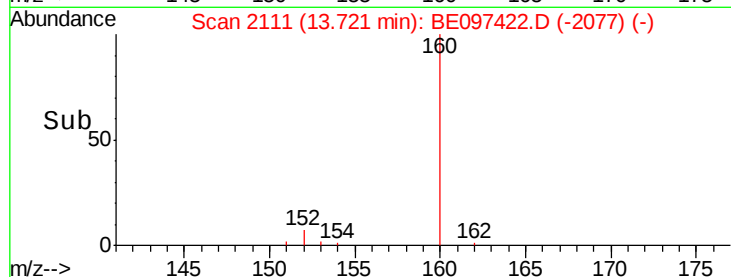
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

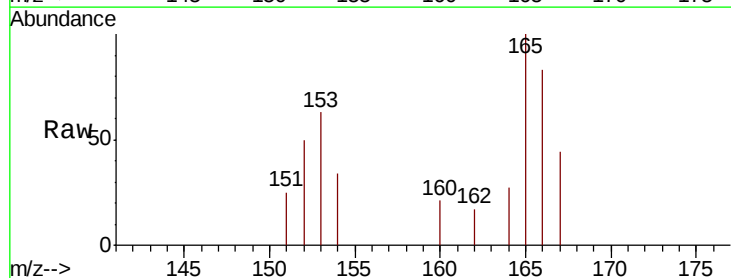
Tgt Ion:166 Resp: 276

Ion Ratio Lower Upper

166 100

165 120.2 73.4 110.2#

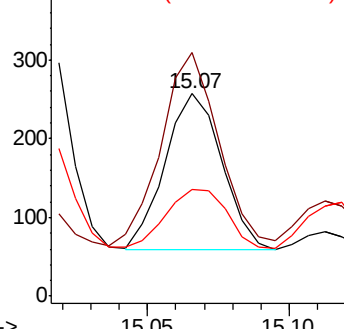
167 52.5 14.6 22.0#



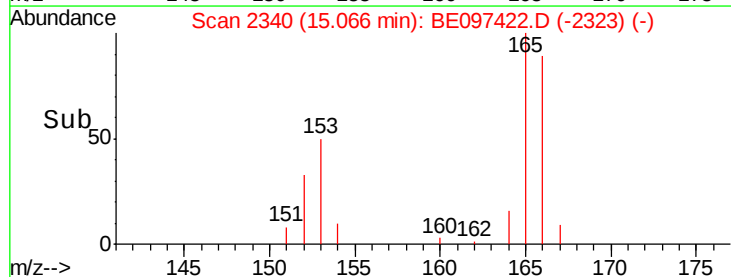
Abundance Ion 166.00 (165.70 to 166.70): E

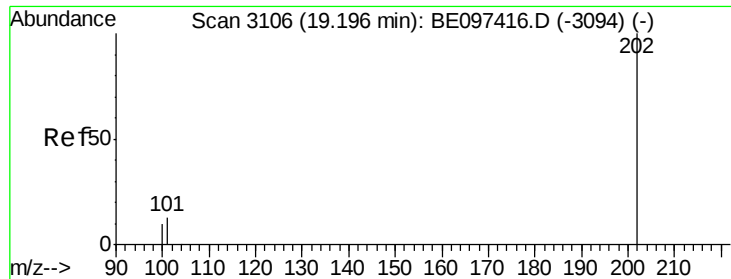
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

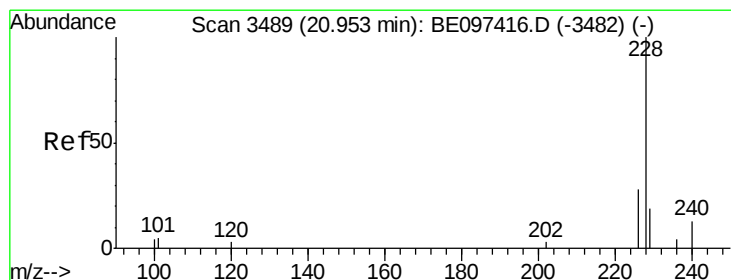
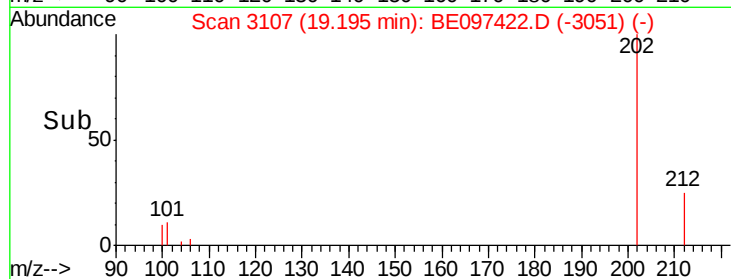
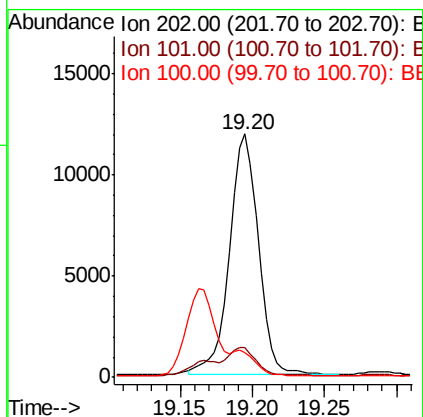
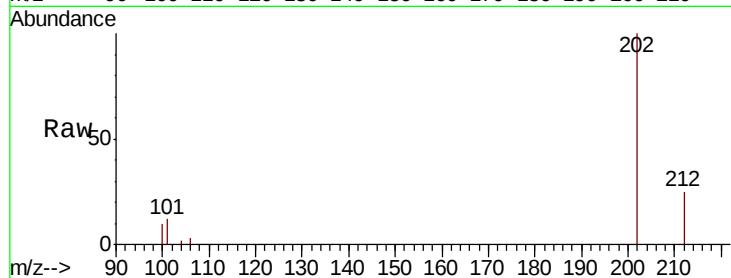




#17
Pvrene
Concen: 504.152 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

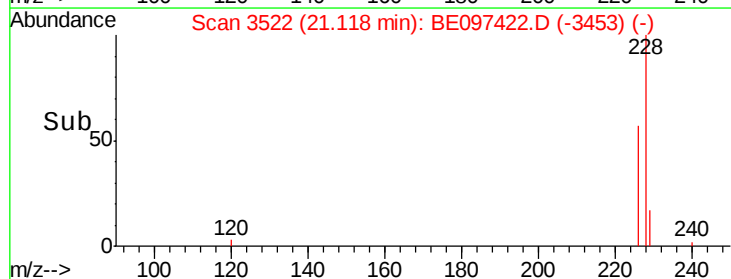
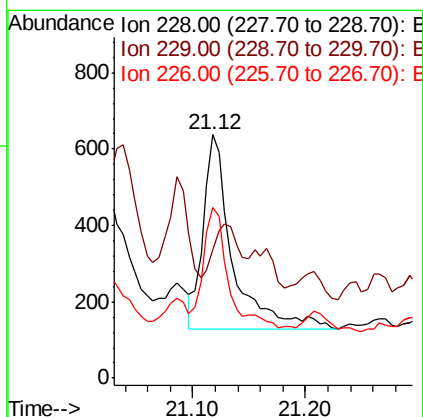
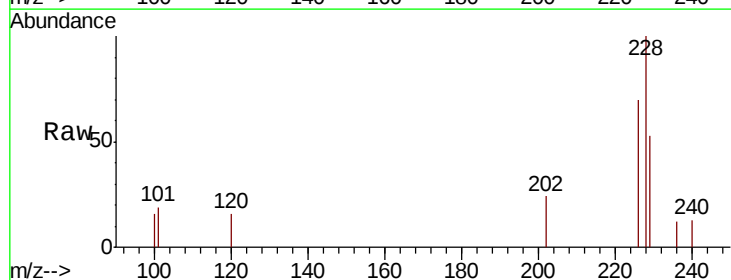
Instrument :
BNA_E
ClientSampleId :

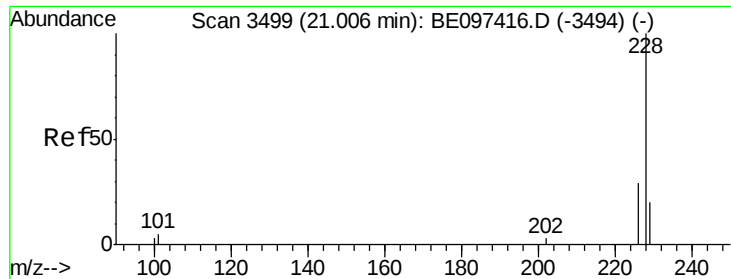
Tot Ion:202 Resp: 16280
Ion Ratio Lower Upper
202 100
101 12.3 18.2 27.4#
100 10.0 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 29.456 ng/ul
RT: 21.12 min Scan# 3522
Delta R.T. 0.16 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Tgt Ion:228 Resp: 908
Ion Ratio Lower Upper
228 100
229 53.0 22.8 34.2#
226 69.9 17.0 25.6#





#19

Chrysene

Concen: 254.812 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

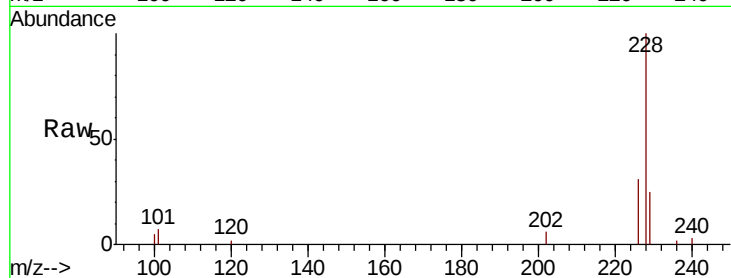
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 9050

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	25.0	17.7	26.5

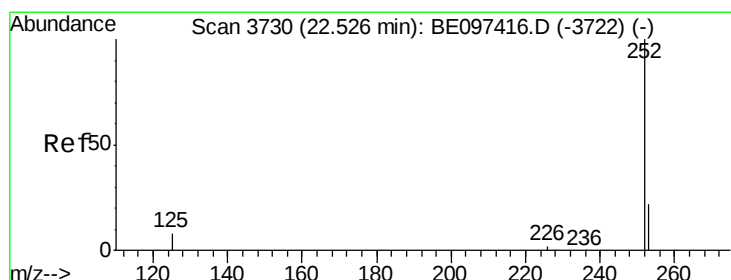
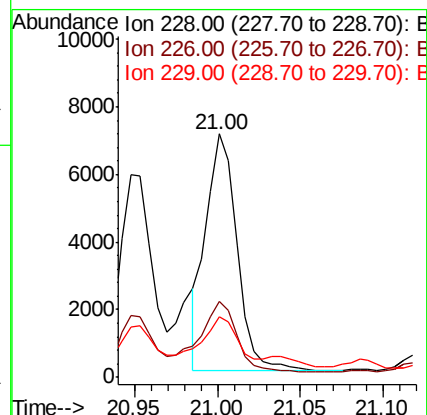
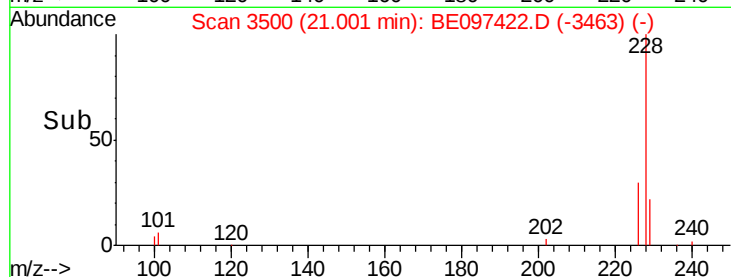


Abundance

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: 1.803 ng/ul

RT: 22.70 min Scan# 3756

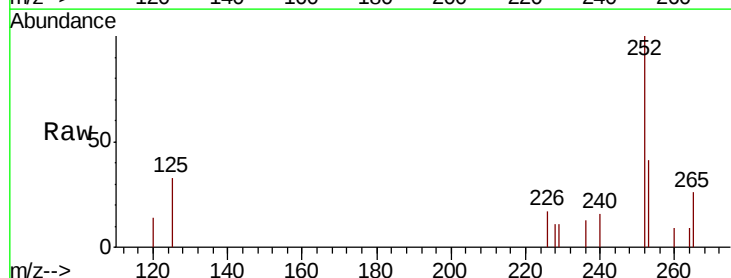
Delta R.T. 0.17 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Tgt Ion:252 Resp: 1540

Ion	Ratio	Lower	Upper
252	100		
253	40.5	0.0	64.2
125	33.1	0.0	35.0

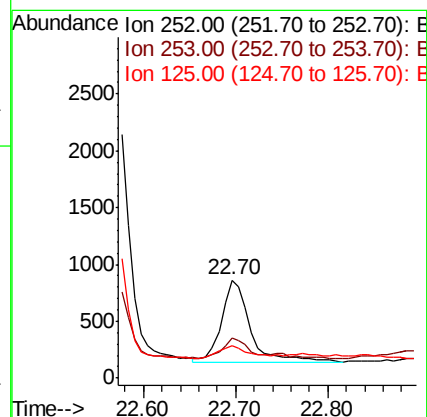
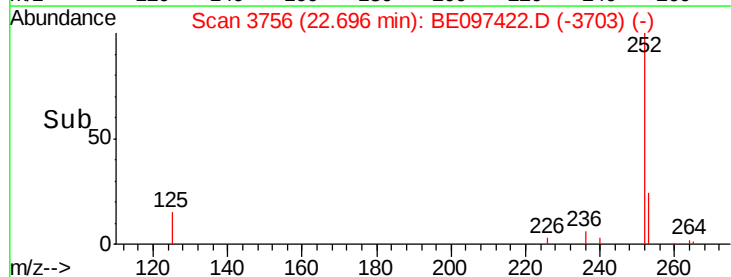


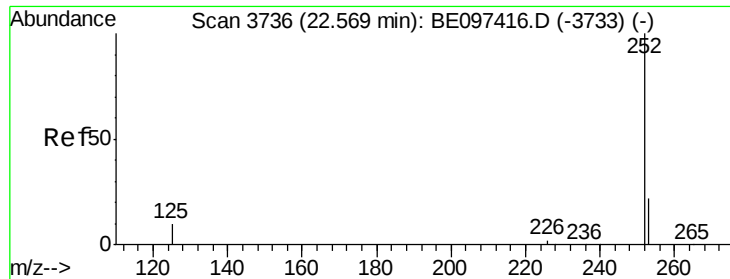
Abundance

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

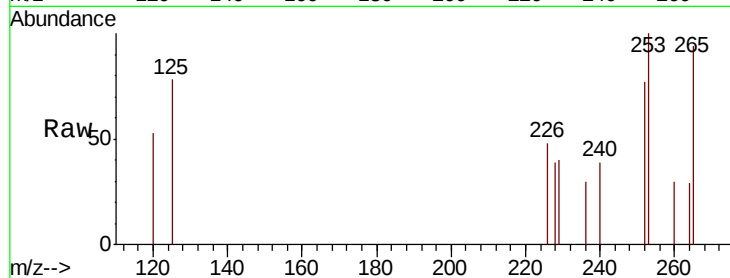




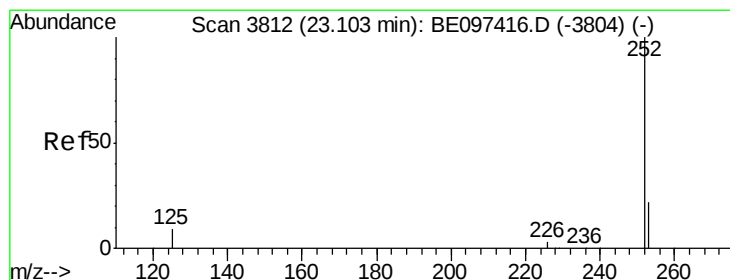
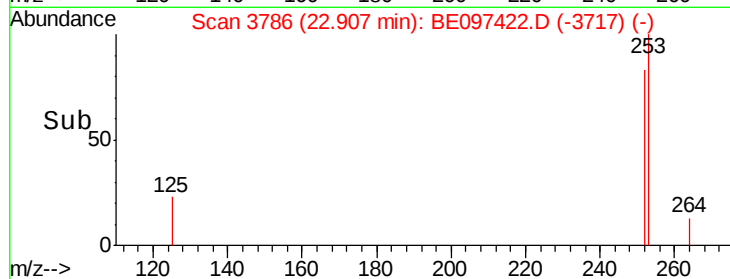
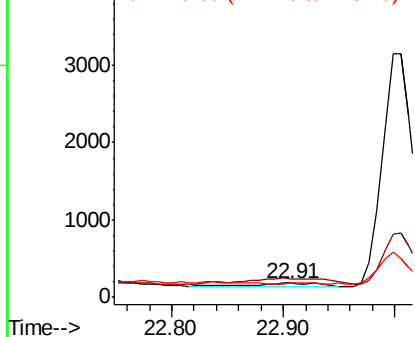
#22
Benzo(k)fluoranthene
Concen: 0.200 ng/ul
RT: 22.91 min Scan# 3786
Delta R.T. 0.34 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 191
Ion Ratio Lower Upper
252 100
253 130.1 24.5 36.7#
125 101.1 13.7 20.5#

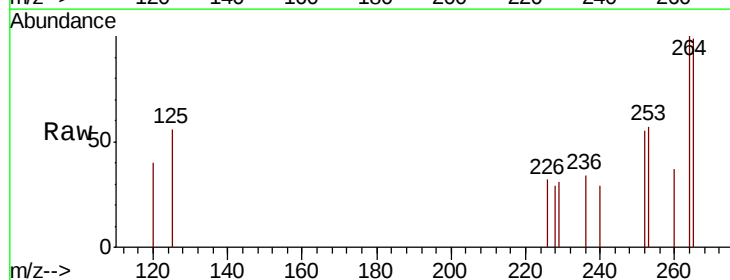


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

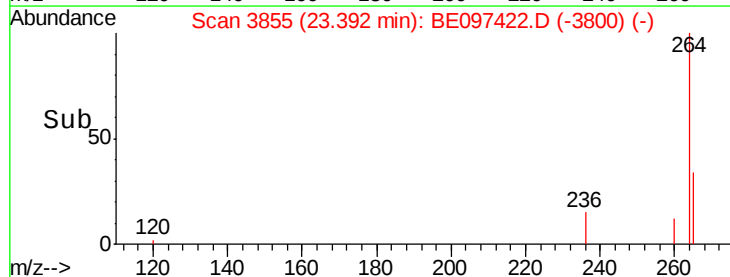
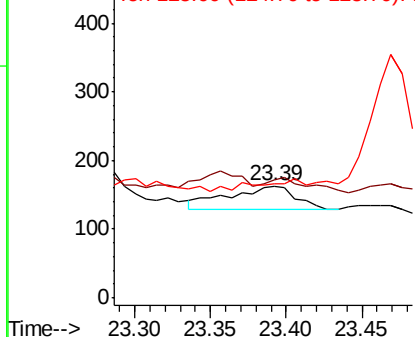


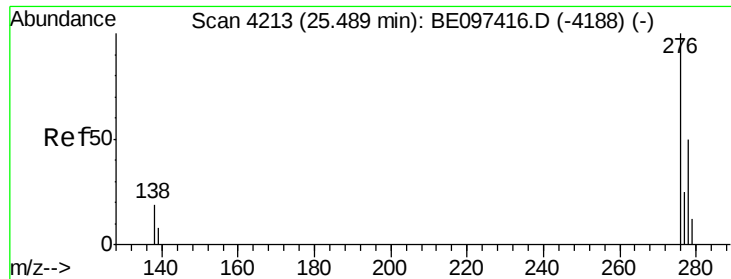
#23
Benzo(a)pyrene
Concen: 0.132 ng/ul
RT: 23.39 min Scan# 3855
Delta R.T. 0.29 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Tgt Ion:252 Resp: 104
Ion Ratio Lower Upper
252 100
253 104.9 28.5 42.7#
125 101.8 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

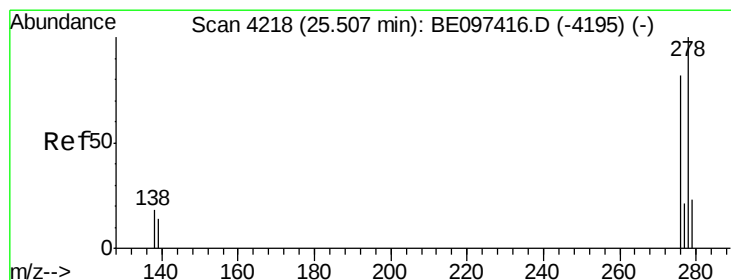
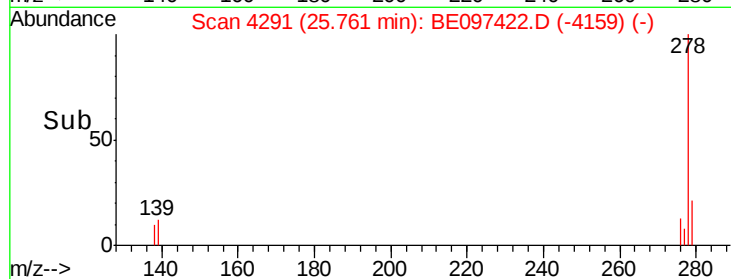
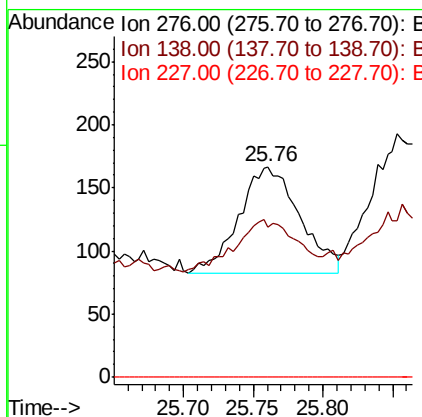
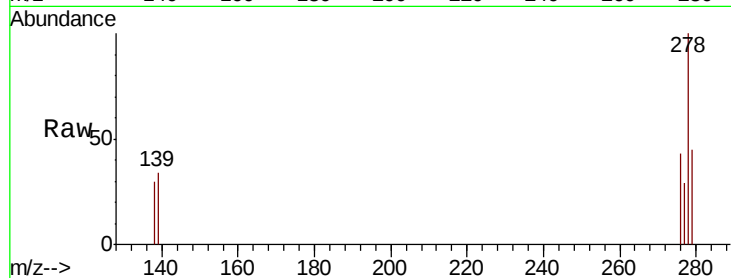




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.252 ng/ul
 RT: 25.76 min Scan# 4291
 Delta R.T. 0.27 min
 Lab File: BE097422.D
 Acq: 7 Sep 2018 13:19

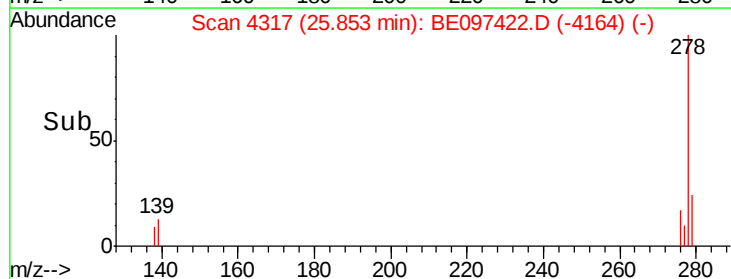
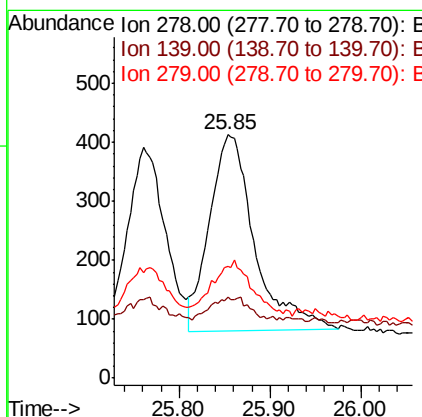
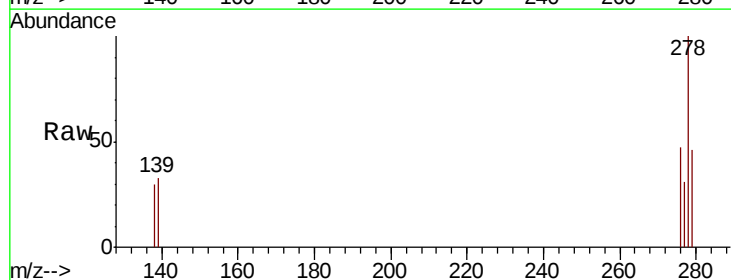
Instrument :
 BNA_E
 ClientSampleId :

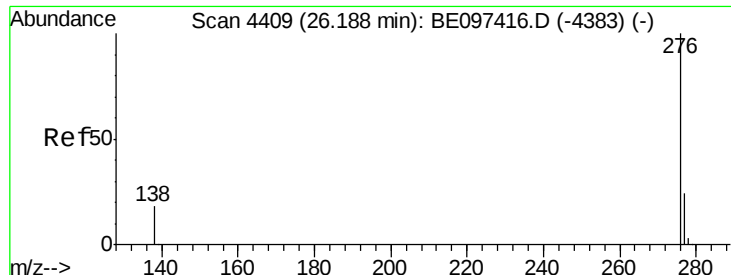
Tot Ion:276 Resp: 258
 Ion Ratio Lower Upper
 276 100
 138 54.3 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 1.317 ng/ul
 RT: 25.85 min Scan# 4317
 Delta R.T. 0.35 min
 Lab File: BE097422.D
 Acq: 7 Sep 2018 13:19

Tgt Ion:278 Resp: 1143
 Ion Ratio Lower Upper
 278 100
 139 33.4 17.4 26.0#
 279 45.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 1.097 ng/ul

RT: 26.56 min Scan# 4516

Delta R.T. 0.38 min

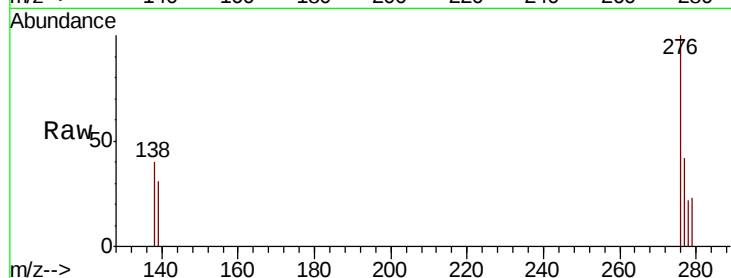
Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 958

Ion Ratio Lower Upper

276 100

138 40.5 21.8 32.8#

277 41.9 20.5 30.7#

