

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
 Data File : BE094201.D
 Acq On : 7 Oct 2017 14:12
 Operator : SJ/JU
 Sample : I5735-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE3

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:52 PM

Quant Time: Oct 08 01:26:39 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1699	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8535	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4901	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	9718	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	8283m	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	8621m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3054	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.26	212	6780	0.21	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.73	128	3644	0.17	ng/ul#	95
5) 2-Methylnaphthalene	12.34	142	1281	0.09	ng/ul	98
7) Acenaphthylene	14.23	152	2418	0.13	ng/ul#	76
8) Acenaphthene	14.57	153	4165	0.26	ng/ul	95
9) Fluorene	15.55	166	3549	0.19	ng/ul#	79
12) Phenanthrene	17.27	178	13819	0.54	ng/ul#	79
13) Anthracene	17.36	178	15863	0.64	ng/ul#	79
15) Fluoranthene	19.29	202	83969	2.52	ng/ul	86
17) Pyrene	19.65	202	115116	5.00	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	36190	1.65	ng/ul#	78
19) Chrysene	21.44	228	48340m	1.90	ng/ul	

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

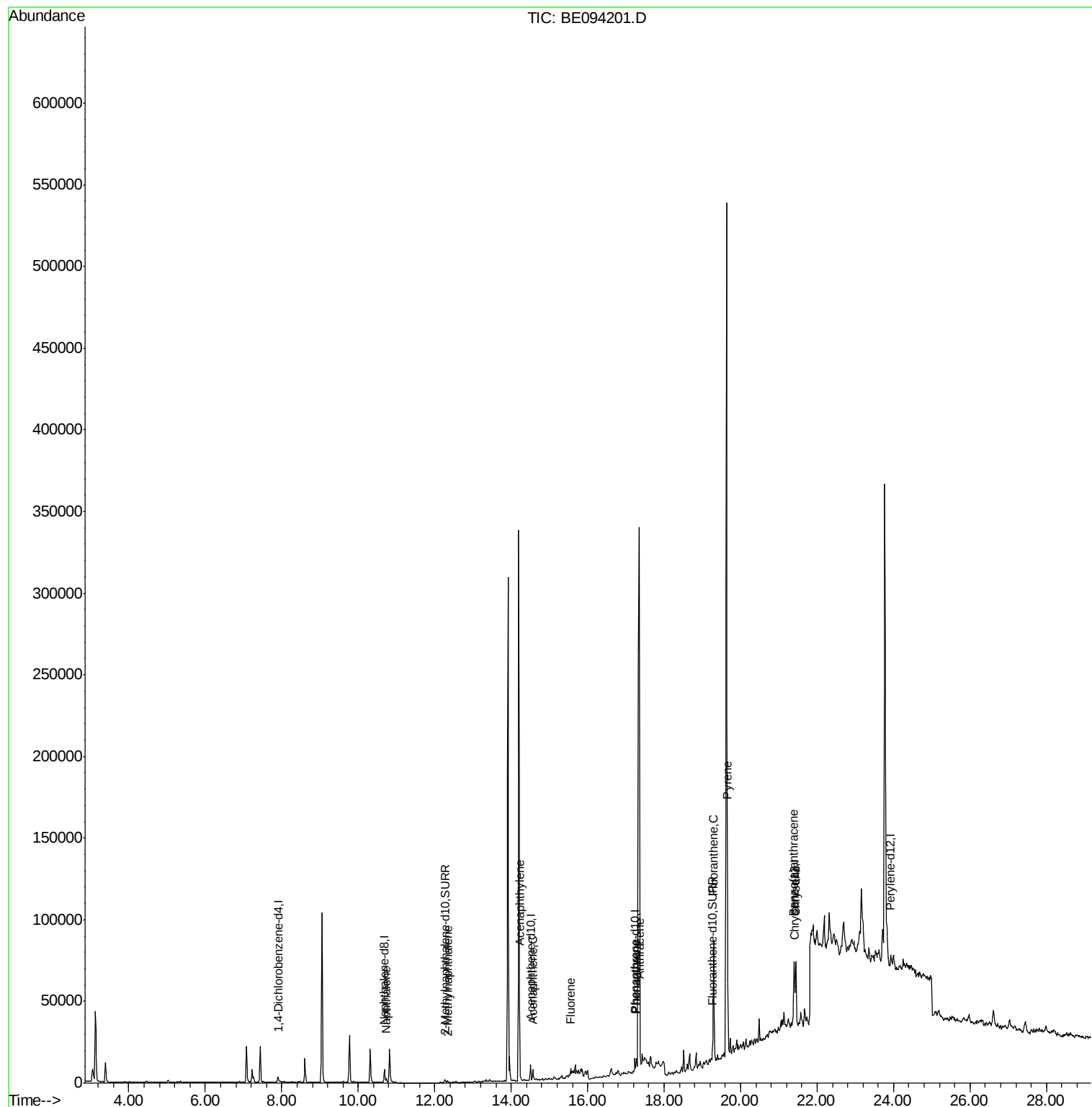
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
Data File : BE094201.D
Acq On : 7 Oct 2017 14:12
Operator : SJ/JU
Sample : I5735-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

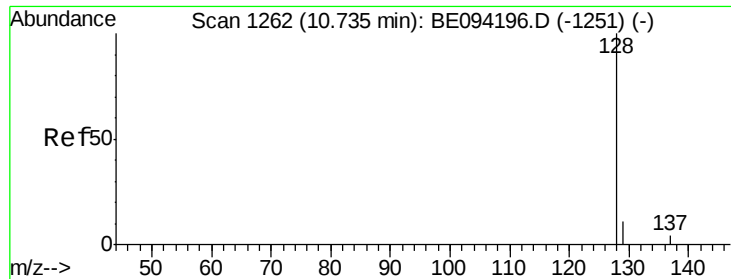
Instrument :
BNA_E
ClientSampleId :
B0AE3

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:52 PM

Quant Time: Oct 08 01:26:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.17 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

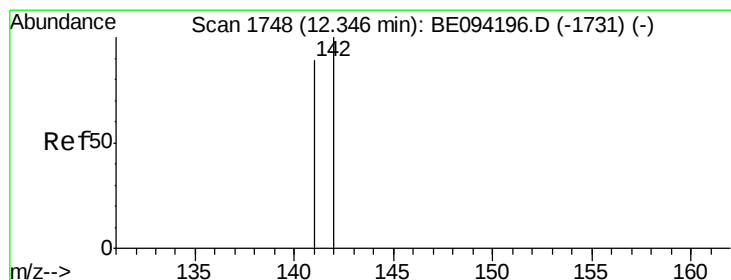
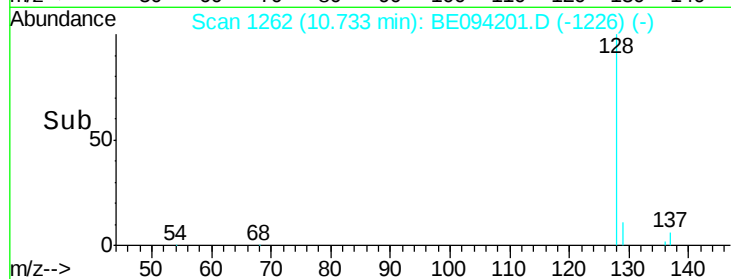
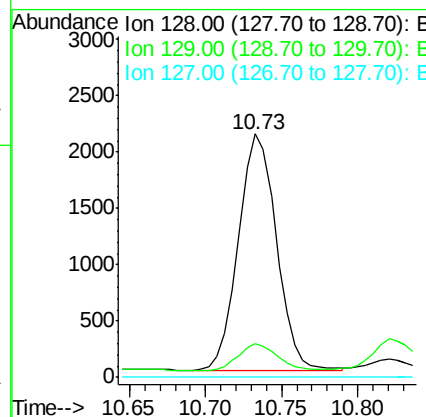
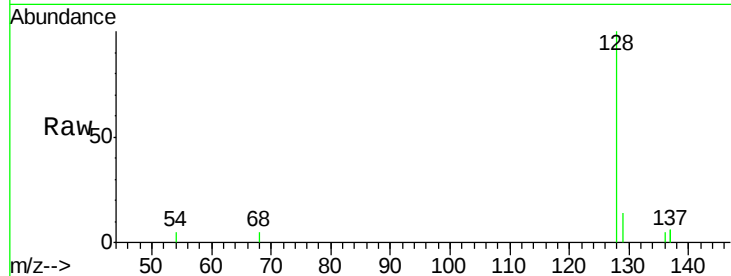
ClientSampled :

B0AE3

Tgt Ion:	128	Resp:	3644
Ion Ratio	Lower	Upper	
128	100		
129	13.6	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:52 PM



#5

2-Methylnaphthalene

Concen: 0.09 ng/ul

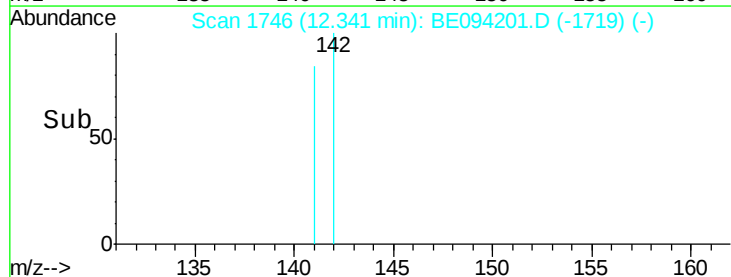
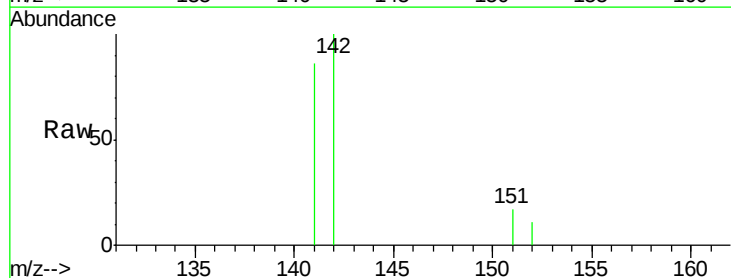
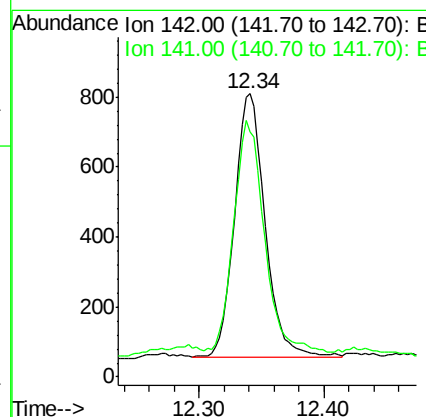
RT: 12.34 min Scan# 1746

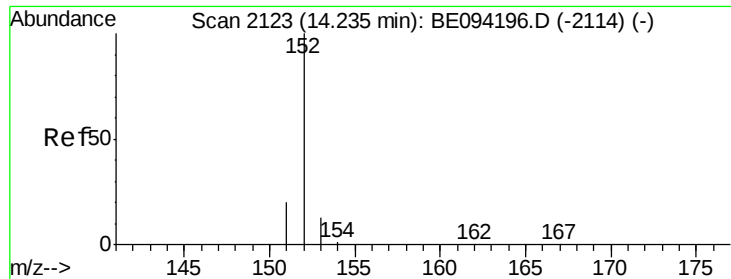
Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Tgt Ion:	142	Resp:	1281
Ion Ratio	Lower	Upper	
142	100		
141	88.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.13 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

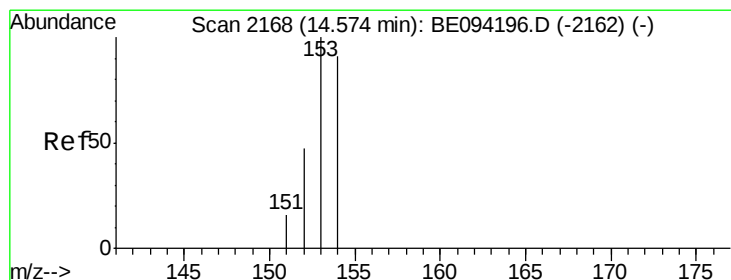
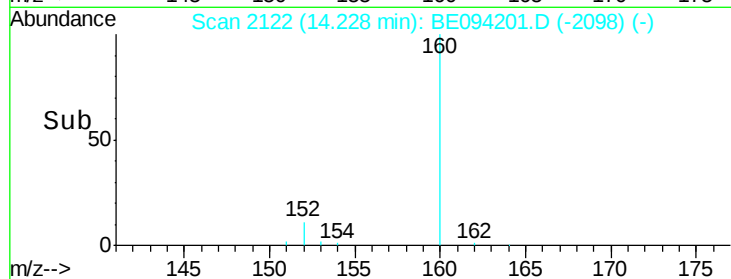
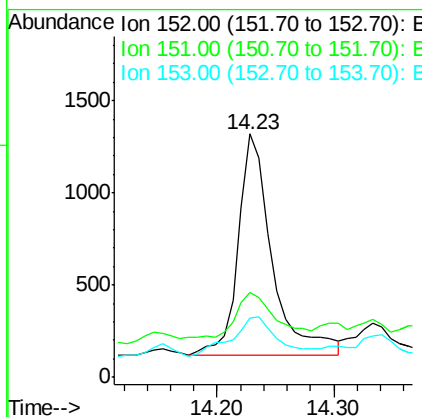
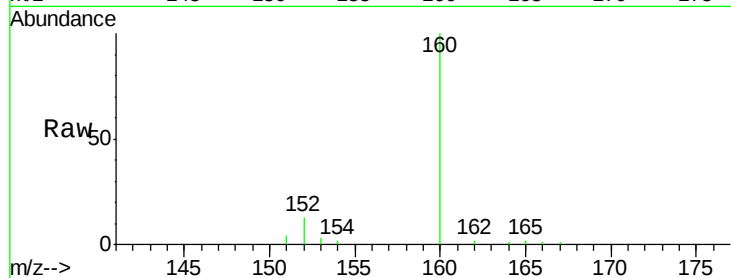
ClientSampleId :

B0AE3

Tgt Ion:	152	Resp:	2418
Ion Ratio	Lower	Upper	
152	100		
151	34.7	17.1	25.7#
153	24.1	12.8	19.2#

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:52 PM



#8

Acenaphthene

Concen: 0.26 ng/ul

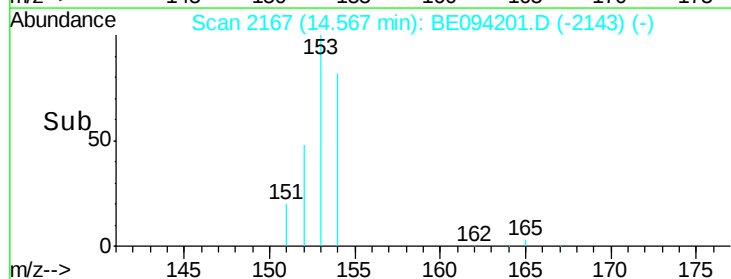
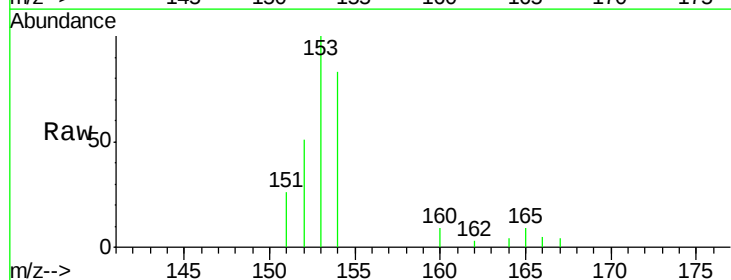
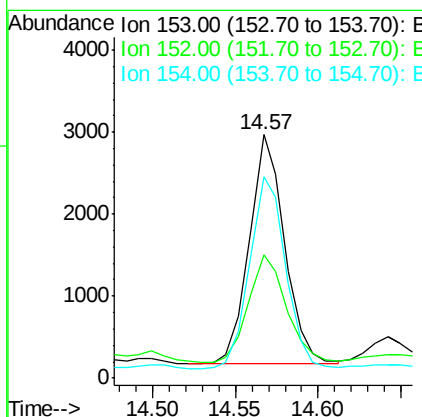
RT: 14.57 min Scan# 2167

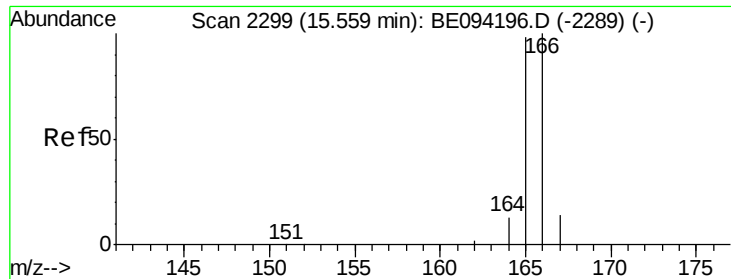
Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Tgt Ion:	153	Resp:	4165
Ion Ratio	Lower	Upper	
153	100		
152	50.9	40.3	60.5
154	82.9	71.4	107.2





#9

Fluorene

Concen: 0.19 ng/ul

RT: 15.55 min Scan# 2298

Delta R.T. -0.03 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

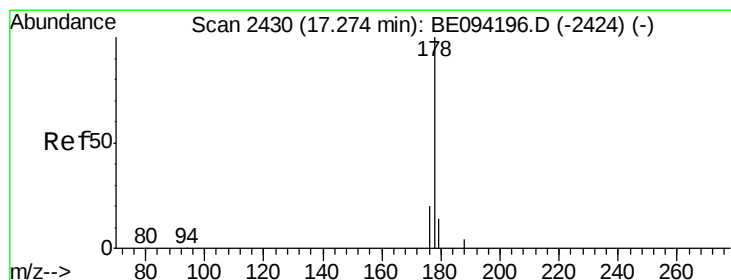
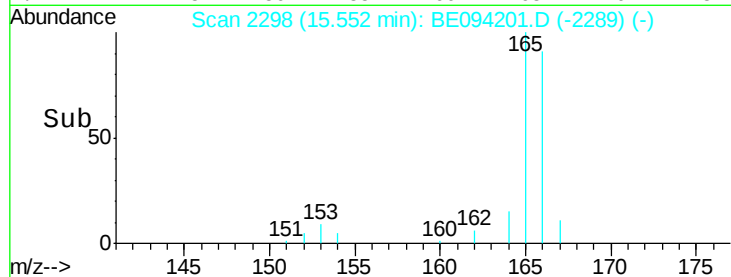
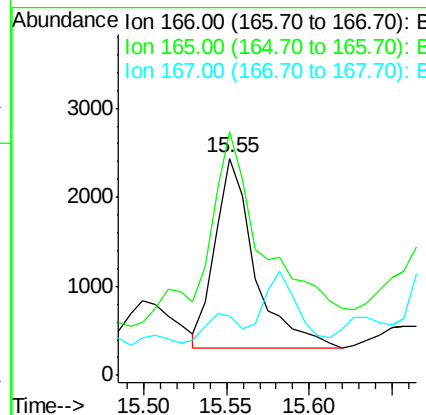
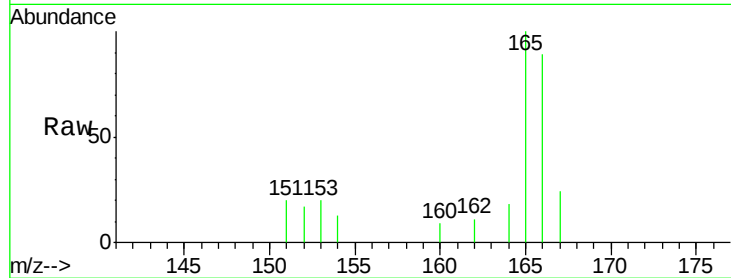
ClientSampled :

B0AE3

Tgt Ion:166 Resp: 3549
 Ion Ratio Lower Upper
 166 100
 165 112.3 73.4 110.2#
 167 27.1 14.6 22.0#

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:52 PM



#12

Phenanthrene

Concen: 0.54 ng/ul

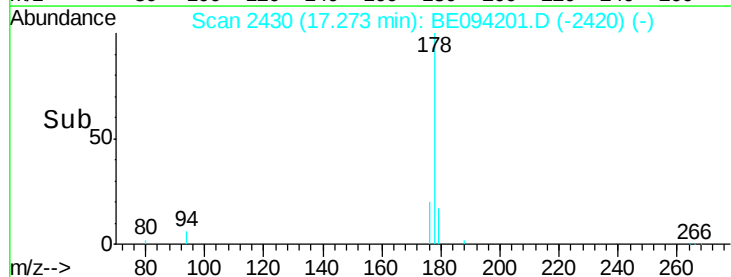
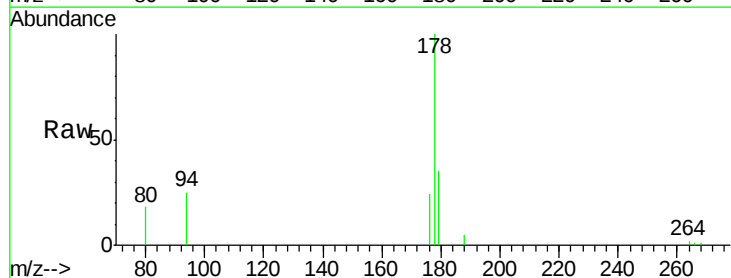
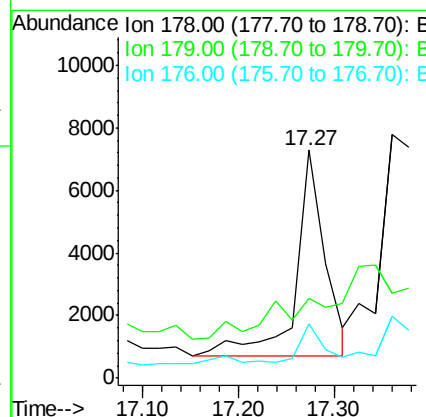
RT: 17.27 min Scan# 2430

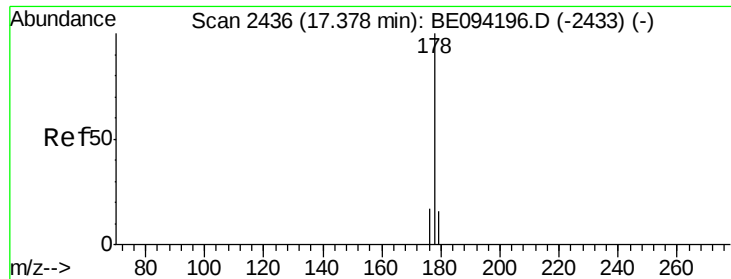
Delta R.T. -0.04 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Tgt Ion:178 Resp: 13819
 Ion Ratio Lower Upper
 178 100
 179 35.2 18.4 27.6#
 176 23.7 13.6 20.4#





#13

Anthracene

Concen: 0.64 ng/ul

RT: 17.36 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BE094201.D

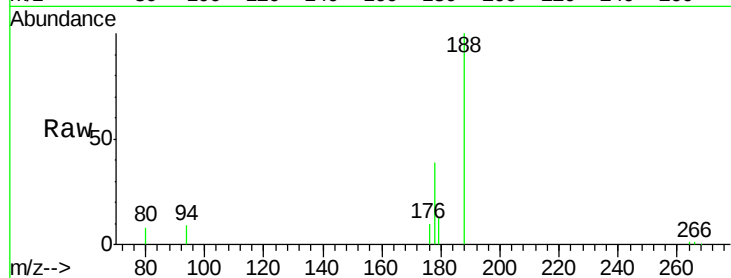
Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampled :

B0AE3



Tgt Ion:178 Resp: 15863

Ion Ratio Lower Upper

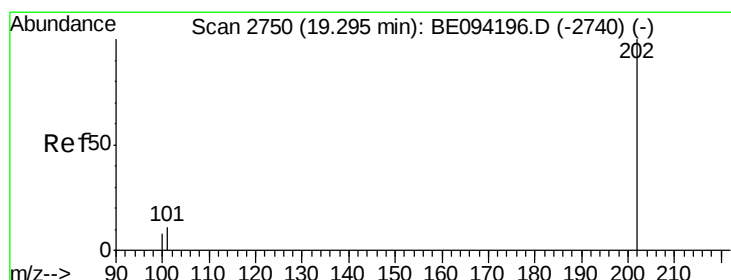
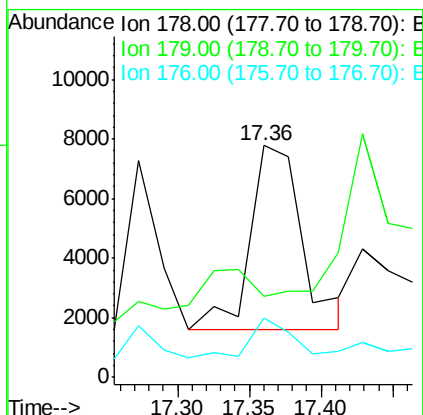
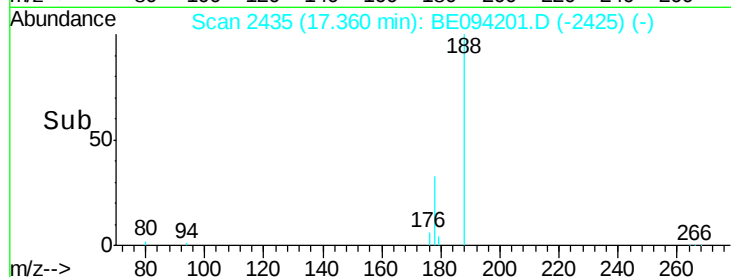
178 100

179 34.7 18.1 27.1#

176 25.3 14.7 22.1#

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:52 PM



#15

Fluoranthene

Concen: 2.52 ng/ul

RT: 19.29 min Scan# 2750

Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

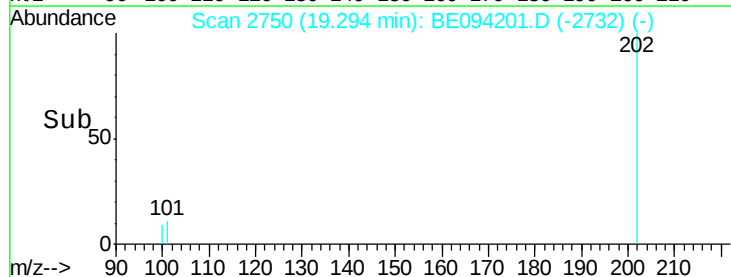
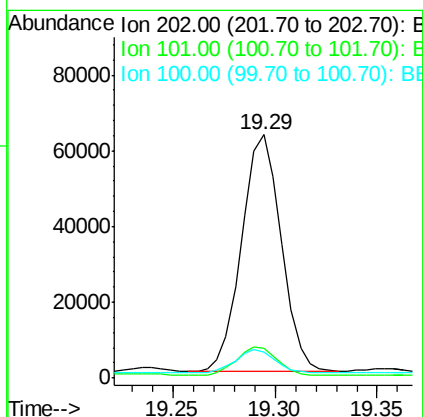
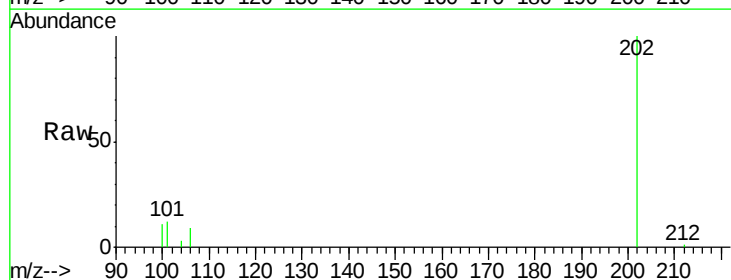
Tgt Ion:202 Resp: 83969

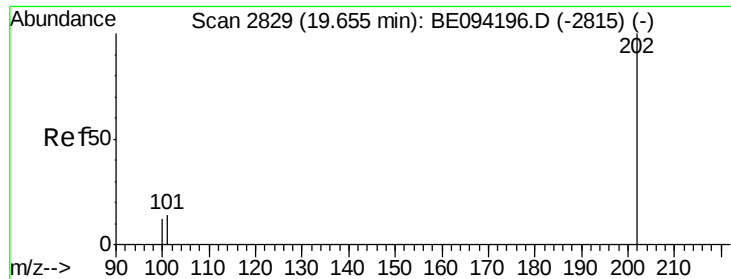
Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.3

100 10.7 0.0 39.5





#17

Pyrene

Concen: 5.00 ng/ul

RT: 19.65 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

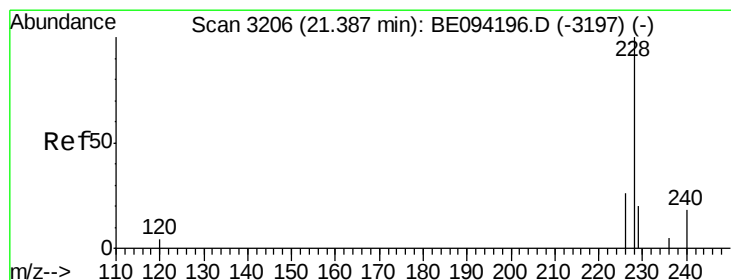
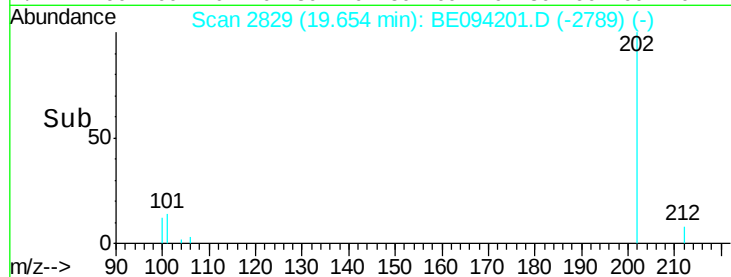
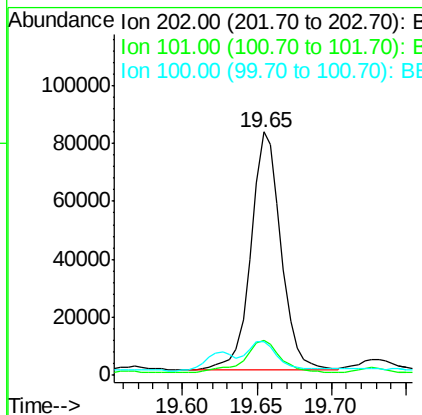
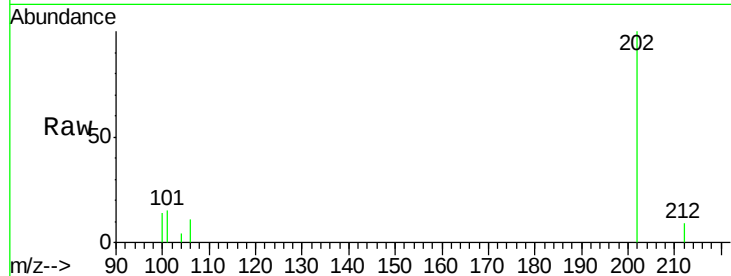
ClientSampled :

B0AE3

Tgt Ion:	202	Resp:	115116
Ion Ratio	Lower	Upper	
202	100		
101	14.6	18.2	27.4#
100	14.0	15.6	23.4#

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:52 PM



#18

Benzo(a)anthracene

Concen: 1.65 ng/ul

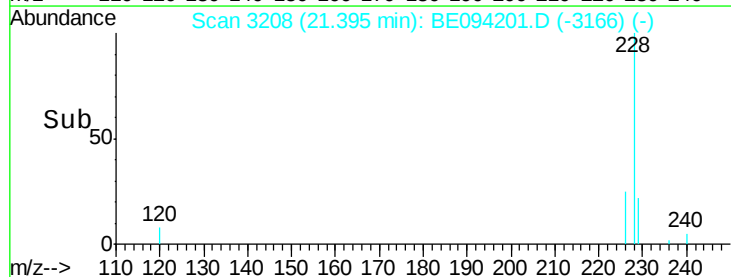
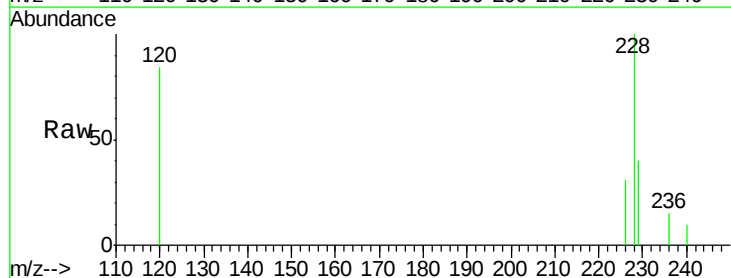
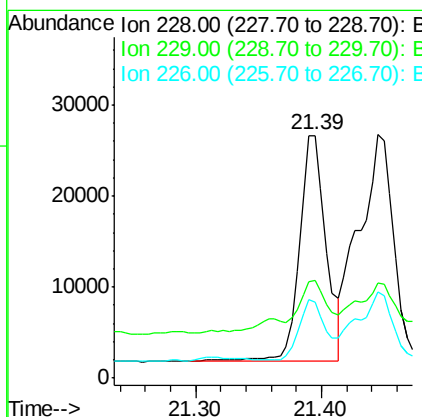
RT: 21.39 min Scan# 3208

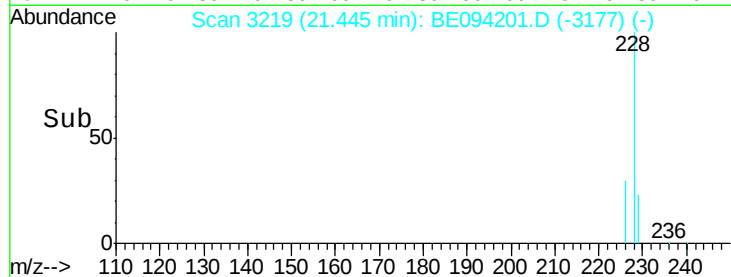
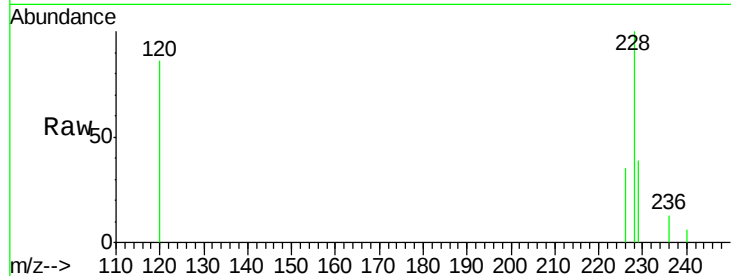
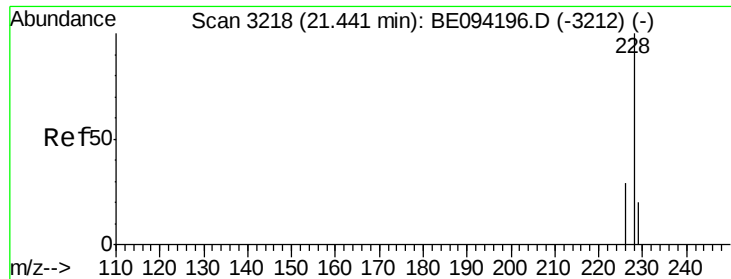
Delta R.T. -0.01 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Tgt Ion:	228	Resp:	36190
Ion Ratio	Lower	Upper	
228	100		
229	40.4	22.8	34.2#
226	31.2	17.0	25.6#





#19

Chrysene

Concen: 1.90 ng/ul m

RT: 21.44 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE094201.D

Acq: 7 Oct 2017 14:12

Instrument :

BNA_E

ClientSampleId :

B0AE3

Tgt Ion: 228 Resp: 48340

Ion Ratio Lower Upper

228 100

226 35.2 23.4 35.0#

229 38.9 17.7 26.5#

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:52 PM

