

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094398.D
 Acq On : 15 Oct 2017 18:09
 Operator : SJ/JU
 Sample : I5548-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:29 PM

Quant Time: Oct 16 08:00:00 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2295	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11501	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6448	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12751	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12436	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12812m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3970	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8988	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	26043	0.924	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	16012	0.876	ng/ul	99
7) Acenaphthylene	14.24	152	26575	1.057	ng/ul	98
8) Acenaphthene	14.58	153	30694	1.483	ng/ul	97
9) Fluorene	15.57	166	40078	1.654	ng/ul#	95
12) Phenanthrene	17.29	178	656224	19.694	ng/ul#	89
13) Anthracene	17.38	178	140063	4.322	ng/ul#	90
15) Fluoranthene	19.31	202	938745	21.441	ng/ul	84
17) Pyrene	19.67	202	875638	25.307	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	466943	14.154	ng/ul#	86
19) Chrysene	21.46	228	455772	11.963	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	532845	15.310	ng/ul	86
22) Benzo(k)fluoranthene	23.21	252	206106m	5.123	ng/ul	
23) Benzo(a)pyrene	23.84	252	399145m	11.037	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.65	276	275174m	7.438	ng/ul	
25) Dibenzo(a,h)anthracene	26.64	278	83976m	2.706	ng/ul	
26) Benzo(a,h,i)perylene	27.48	276	252518m	7.913	ng/ul	

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

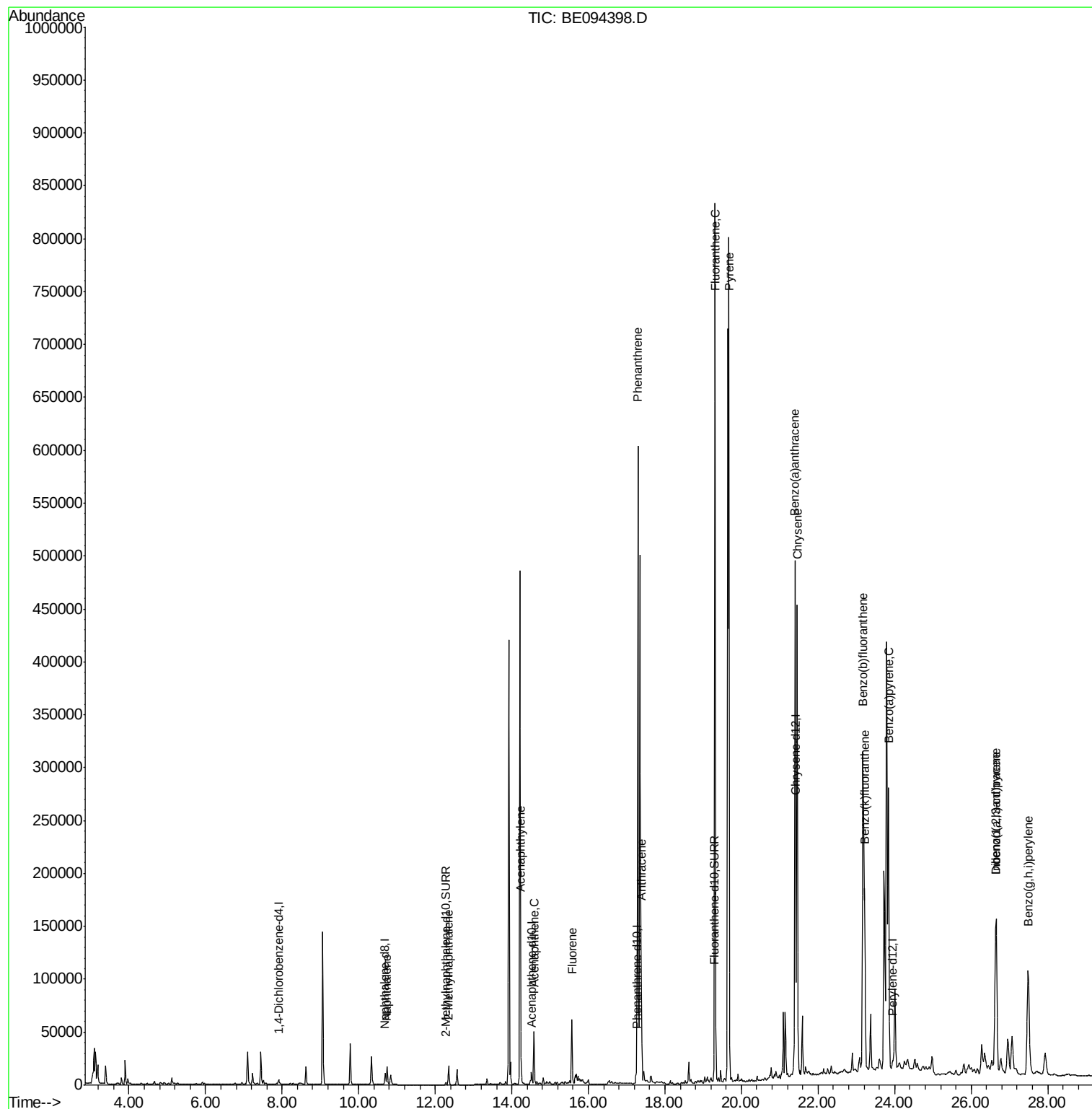
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094398.D
Acq On : 15 Oct 2017 18:09
Operator : SJ/JU
Sample : I5548-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

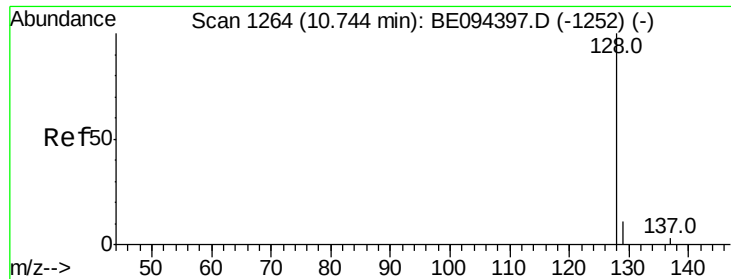
Instrument :
BNA_E
ClientSampled :
C0AB6

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:29 PM

Quant Time: Oct 16 08:00:00 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 07:45:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.924 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampled :

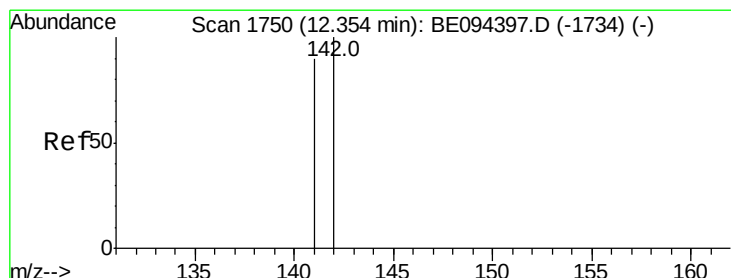
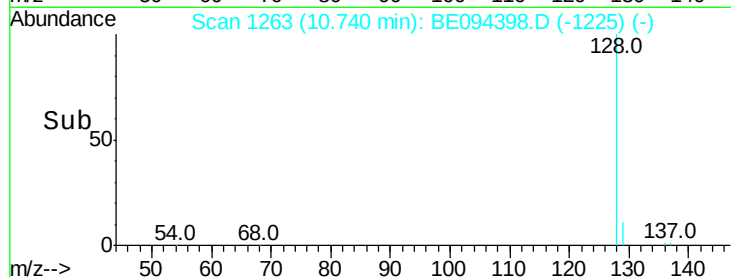
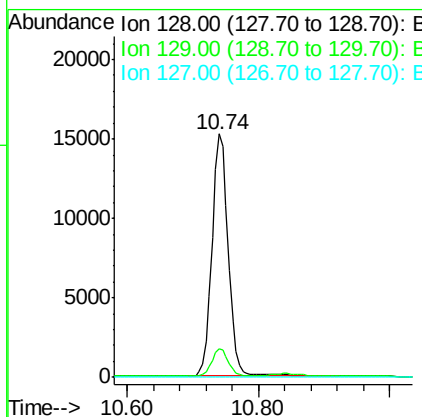
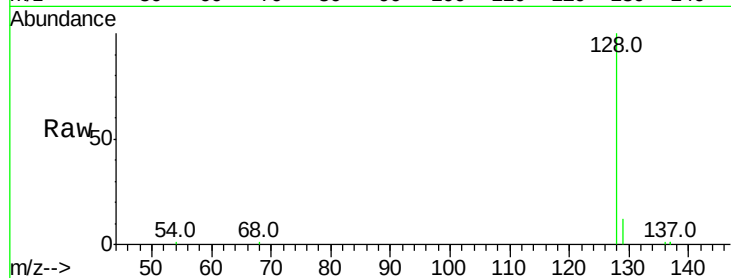
C0AB6

Tot Ion:128 Resp: 26043

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.3	16.9
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:29 PM



#5

2-Methylnaphthalene

Concen: 0.876 ng/ul

RT: 12.35 min Scan# 1748

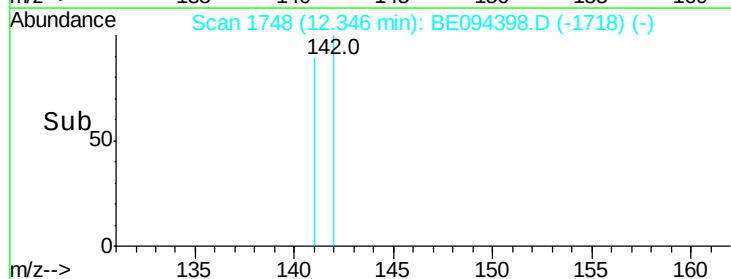
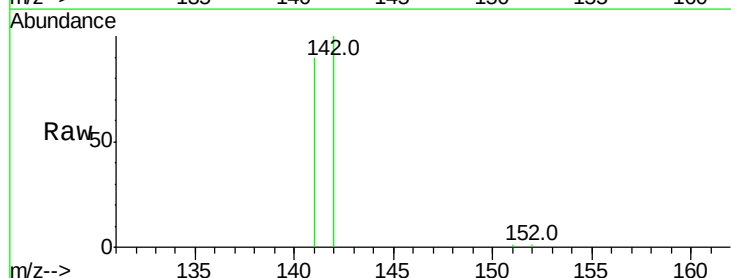
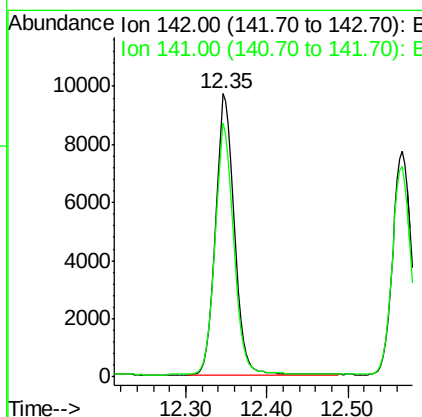
Delta R.T. -0.01 min

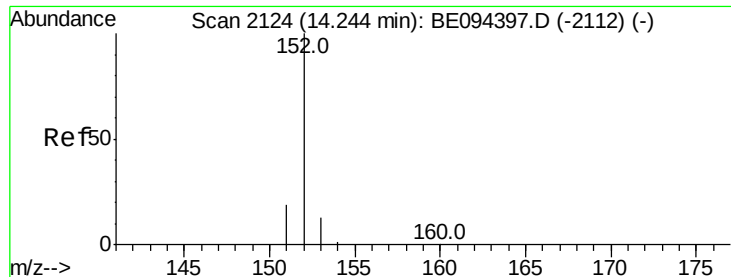
Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Tgt Ion:142 Resp: 16012

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#7

Acenaphthylene

Concen: 1.057 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

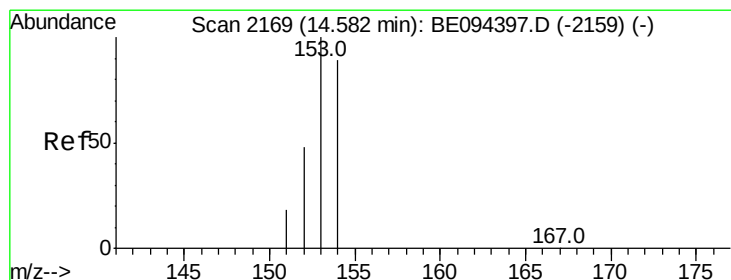
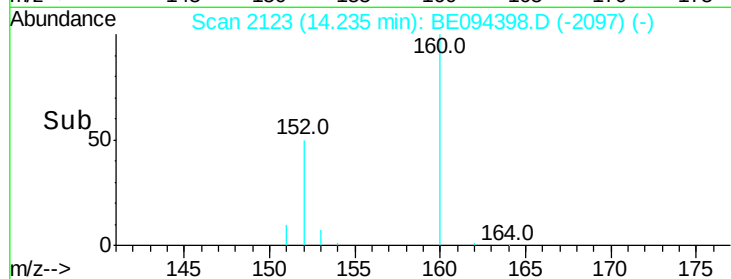
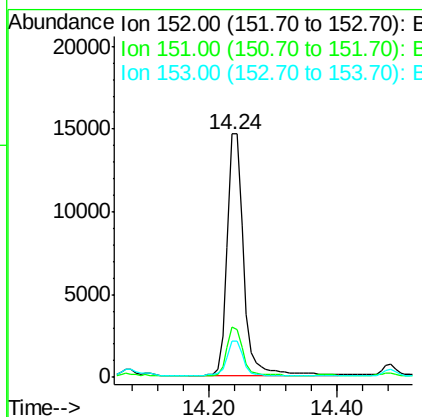
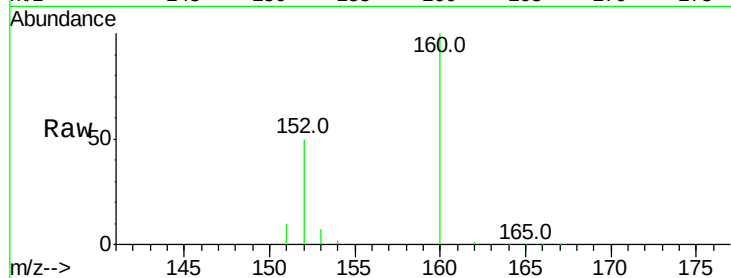
ClientSampleId :

C0AB6

Tot Ion:	152	Resp:	26575
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	14.8	12.8	19.2

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:29 PM



#8

Acenaphthene

Concen: 1.483 ng/ul

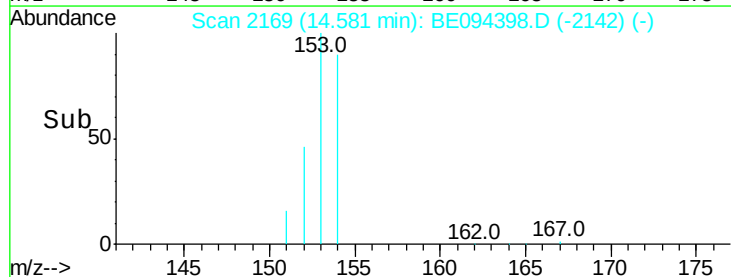
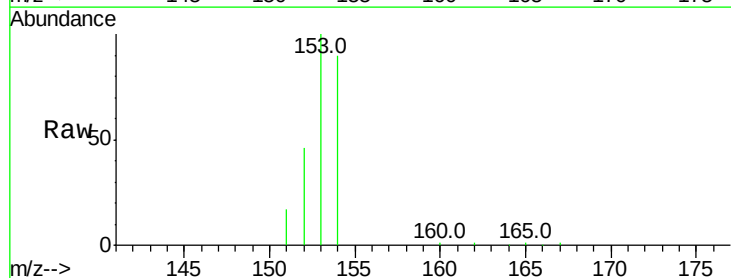
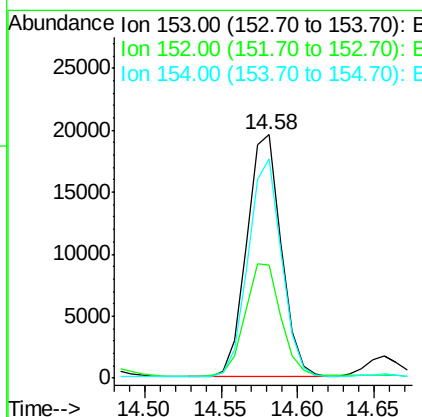
RT: 14.58 min Scan# 2169

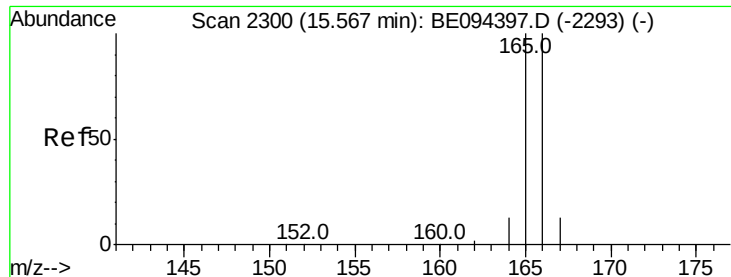
Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Tgt Ion:	153	Resp:	30694
Ion Ratio	Lower	Upper	
153	100		
152	46.3	40.3	60.5
154	90.3	71.4	107.2





#9

Fluorene

Concen: 1.654 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampleId :

C0AB6

Tot Ion:166 Resp: 40078

Ion Ratio Lower Upper

166 100

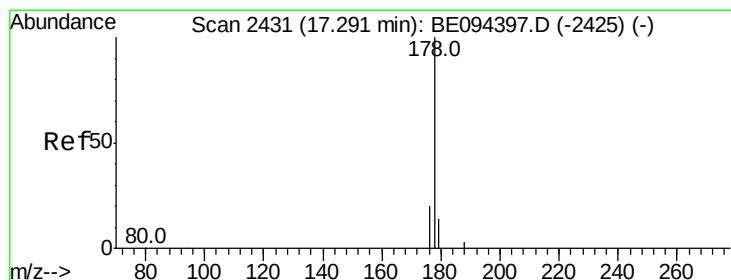
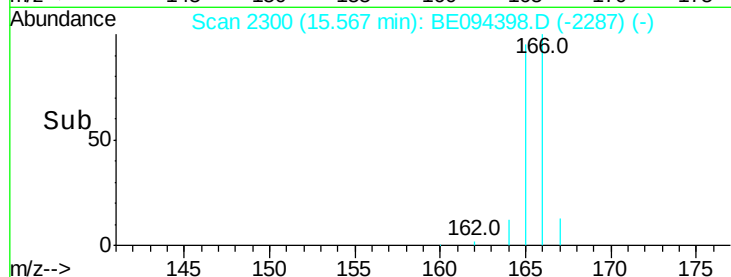
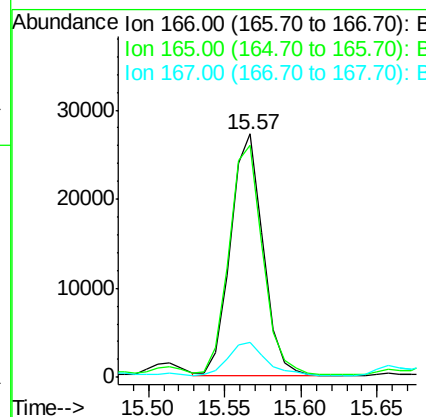
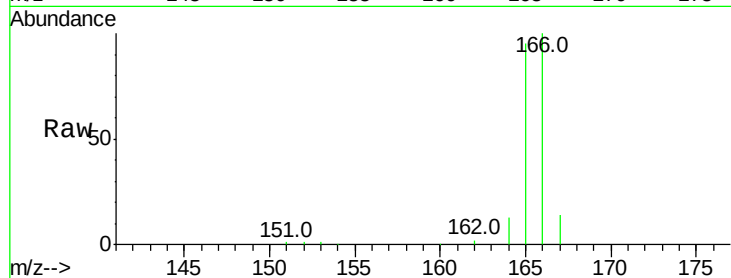
165 95.4 73.4 110.2

167 14.5 14.6 22.0#

Manual Integrations
APPROVED

Sohil

10/16/2017 8:26:29 PM



#12

Phenanthrene

Concen: 19.694 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

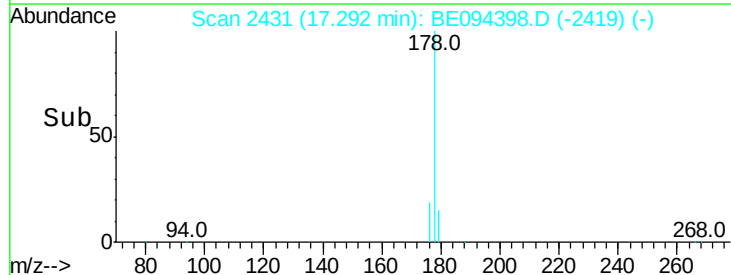
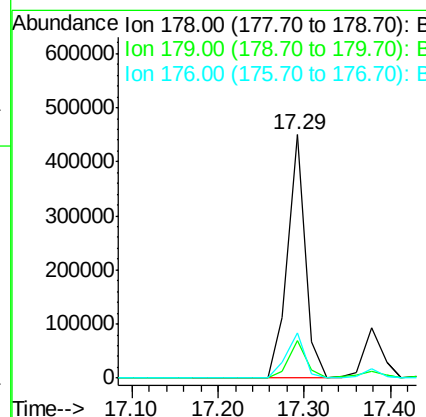
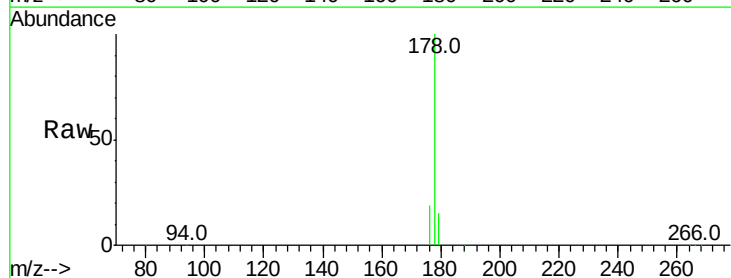
Tgt Ion:178 Resp: 656224

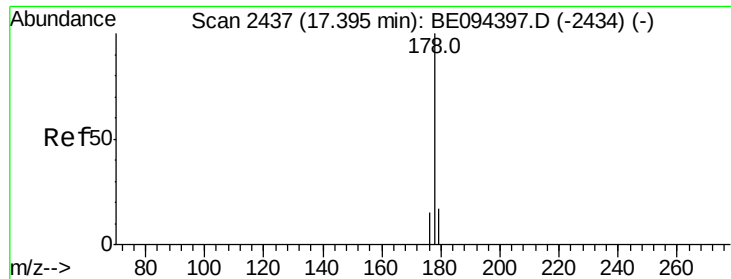
Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

176 18.6 13.6 20.4





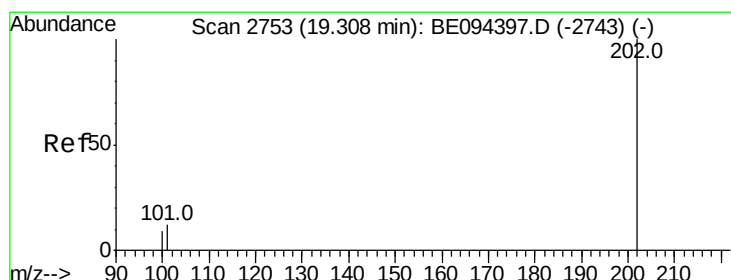
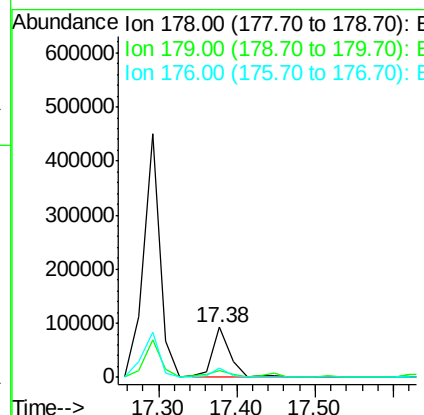
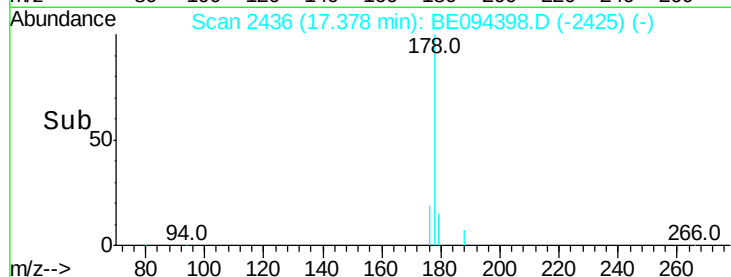
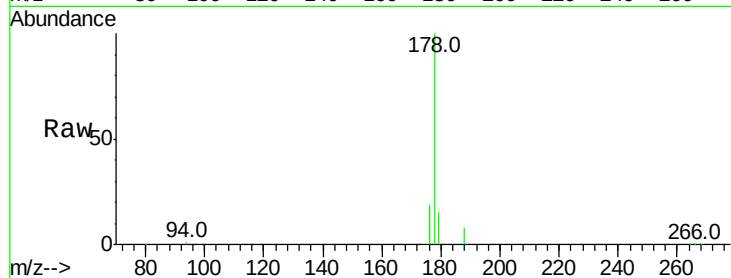
#13
 Anthracene
 Concen: 4.322 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094398.D
 Acq: 15 Oct 2017 18:09

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6

Tot Ion:178 Resp: 140063
 Ion Ratio Lower Upper
 178 100
 179 14.8 18.1 27.1#
 176 19.4 14.7 22.1

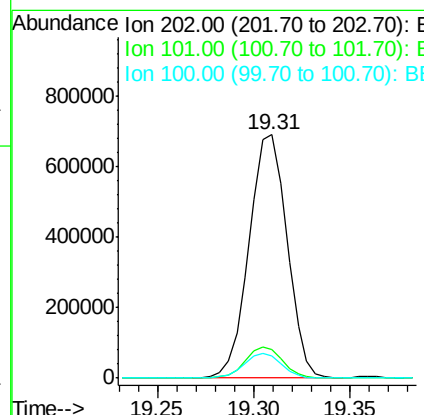
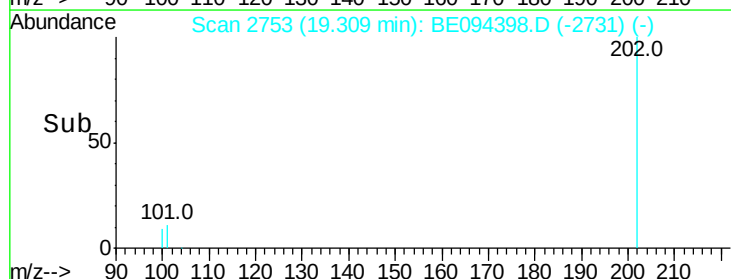
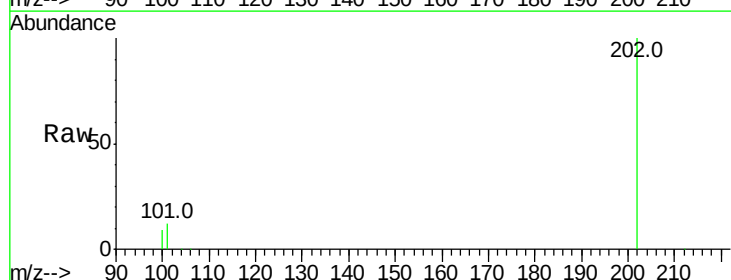
Manual Integrations
 APPROVED

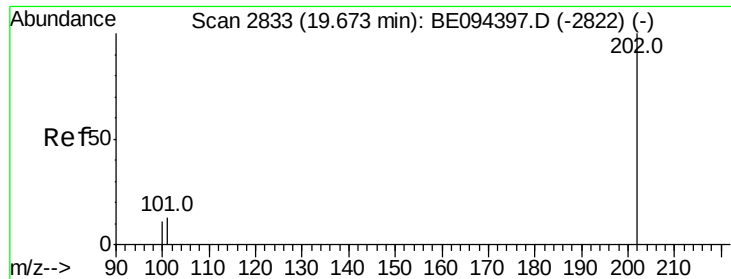
Sohil
 10/16/2017 8:26:29 PM



#15
 Fluoranthene
 Concen: 21.441 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. 0.00 min
 Lab File: BE094398.D
 Acq: 15 Oct 2017 18:09

Tgt Ion:202 Resp: 938745
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 30.3
 100 9.1 0.0 39.5





#17

Pvrene

Concen: 25.307 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

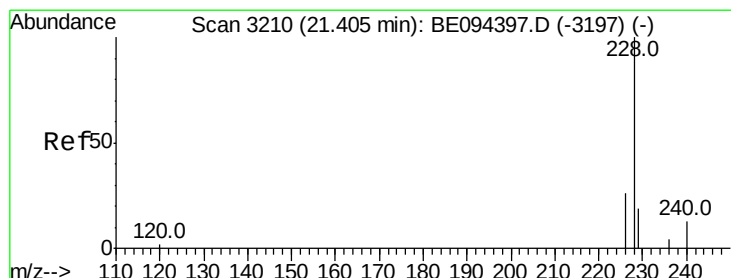
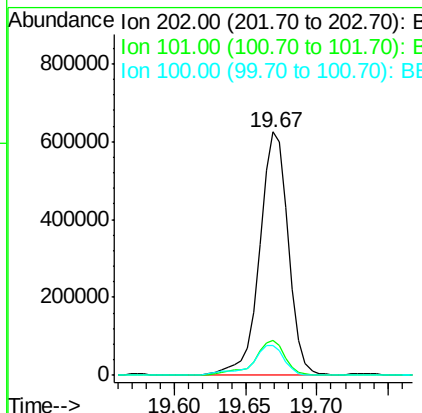
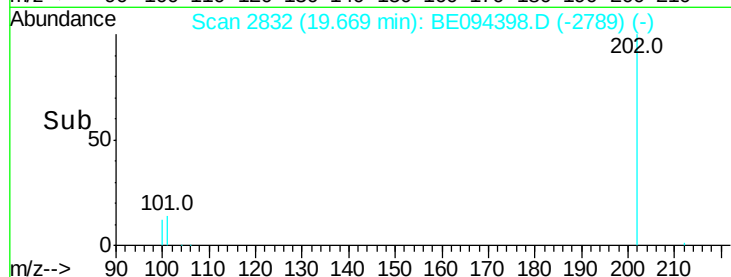
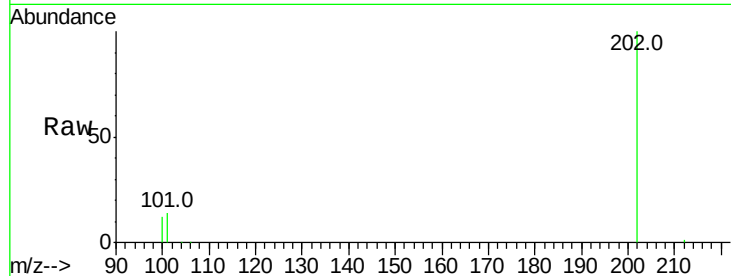
ClientSampleId :

C0AB6

Tot Ion:	202	Resp:	875638
Ion Ratio	Lower	Upper	
202	100		
101	14.4	18.2	27.4#
100	12.5	15.6	23.4#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:29 PM



#18

Benzo(a)anthracene

Concen: 14.154 ng/ul

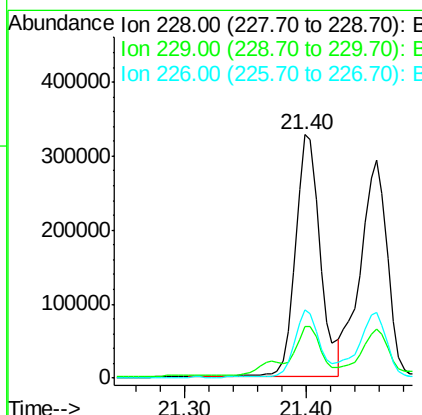
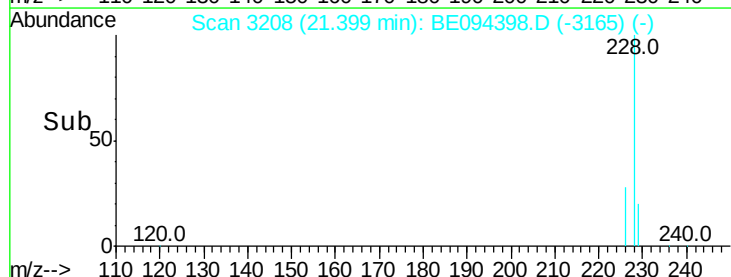
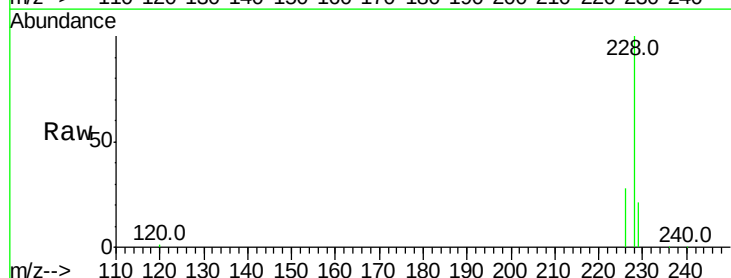
RT: 21.40 min Scan# 3208

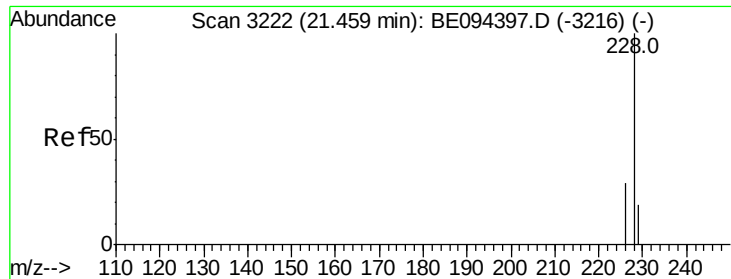
Delta R.T. -0.01 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Tgt Ion:	228	Resp:	466943
Ion Ratio	Lower	Upper	
228	100		
229	21.2	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 11.963 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampled :

C0AB6

Tot Ion:228 Resp: 455772

Ion Ratio Lower Upper

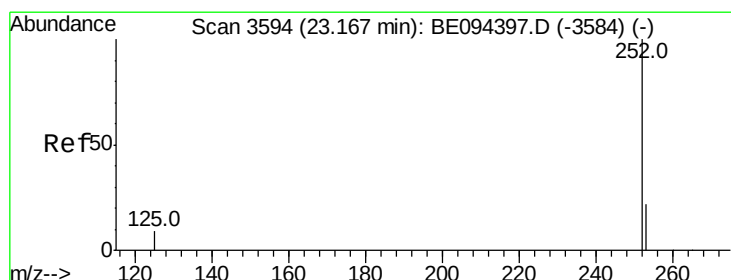
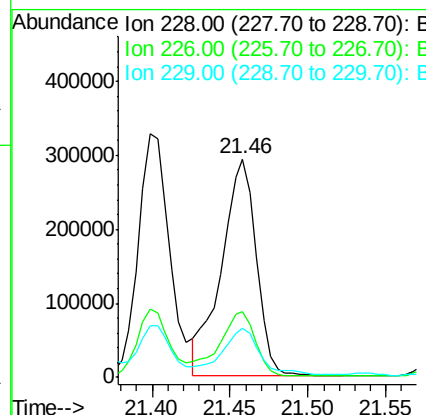
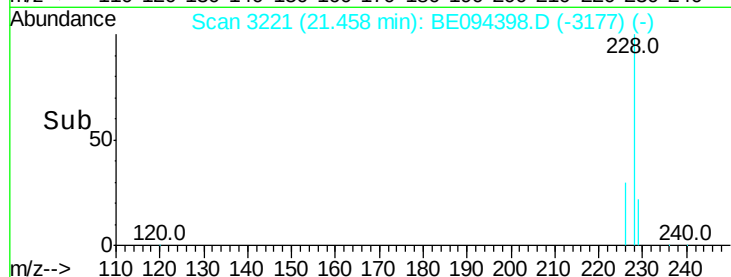
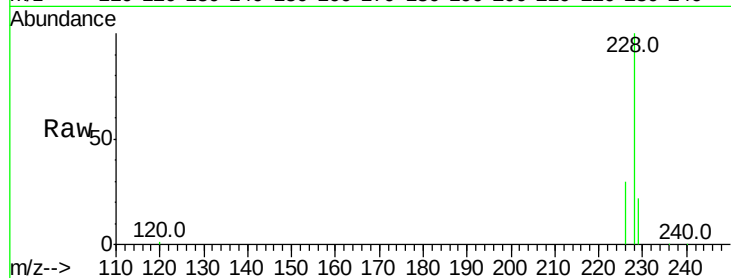
228 100

226 30.3 23.4 35.0

229 22.3 17.7 26.5

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:29 PM



#21

Benzo(b)fluoranthene

Concen: 15.310 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. 0.01 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

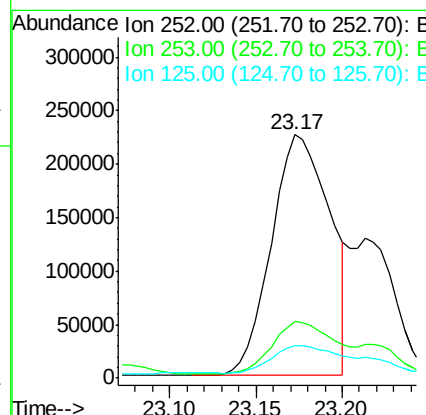
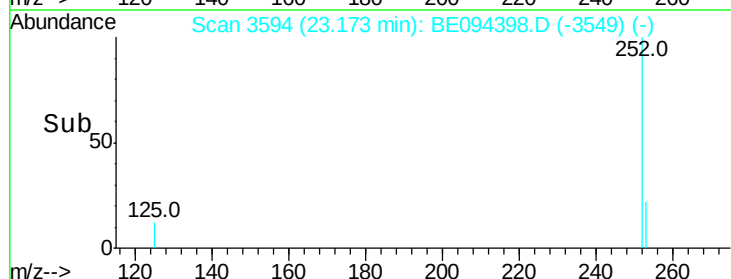
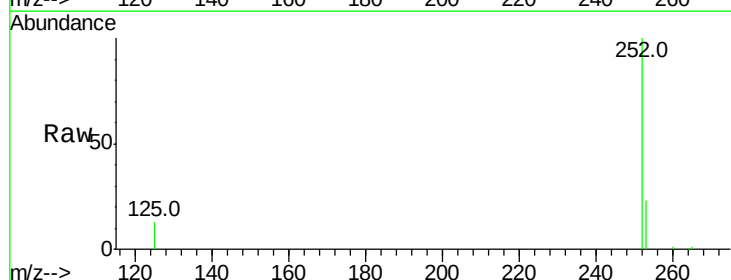
Tgt Ion:252 Resp: 532845

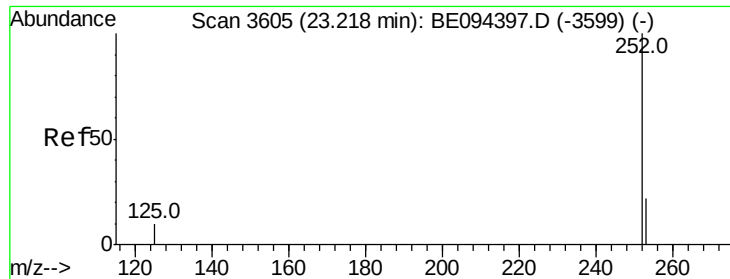
Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

125 13.2 0.0 35.0





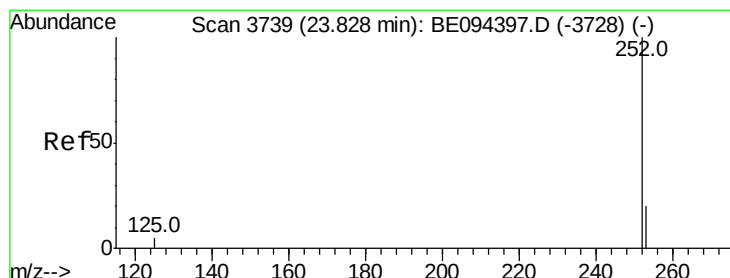
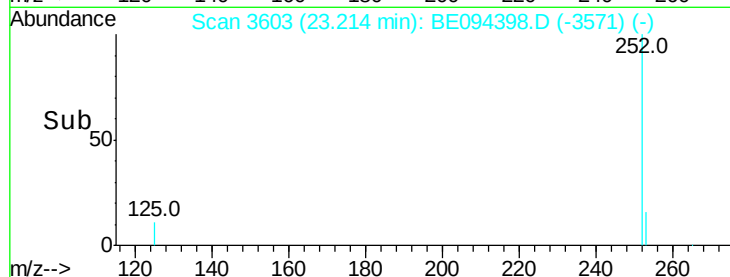
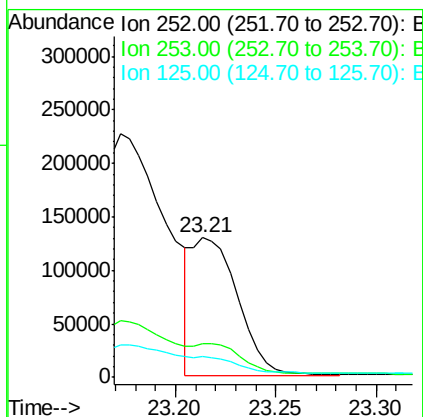
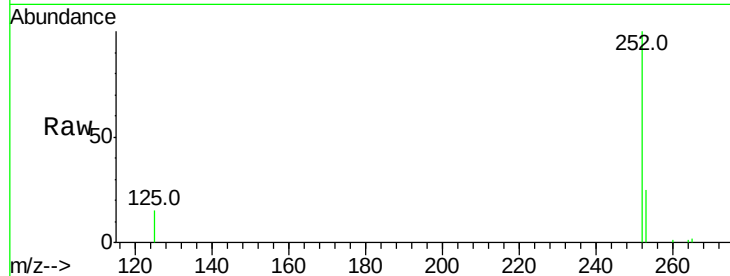
#22
Benzo(k)fluoranthene
Concen: 5.123 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BE094398.D
Acq: 15 Oct 2017 18:09

Instrument :
BNA_E
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7
125	14.6	13.7	20.5

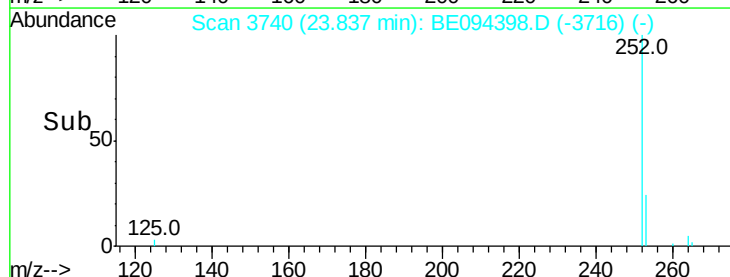
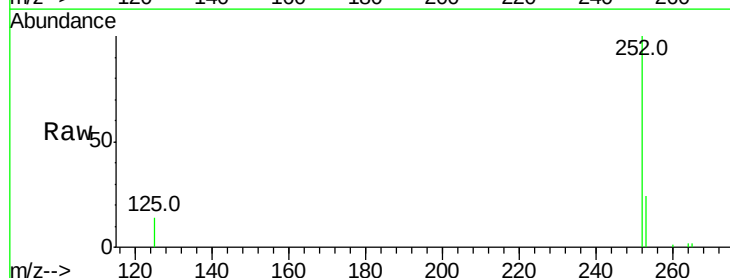
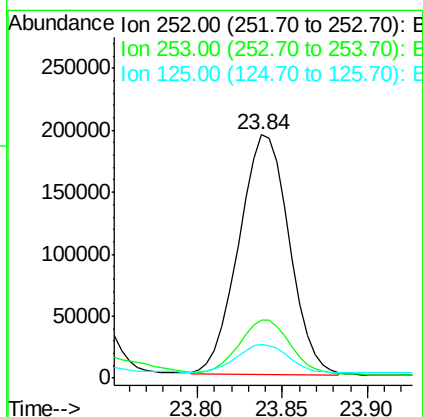
Manual Integrations
APPROVED

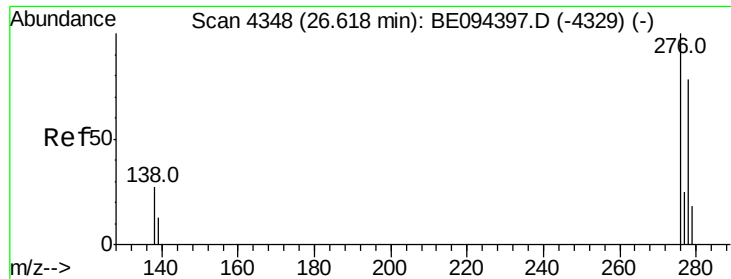
Sohil
10/16/2017 8:26:29 PM



#23
Benzo(a)pyrene
Concen: 11.037 ng/ul m
RT: 23.84 min Scan# 3740
Delta R.T. 0.01 min
Lab File: BE094398.D
Acq: 15 Oct 2017 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.5	42.7#
125	14.1	18.1	27.1#





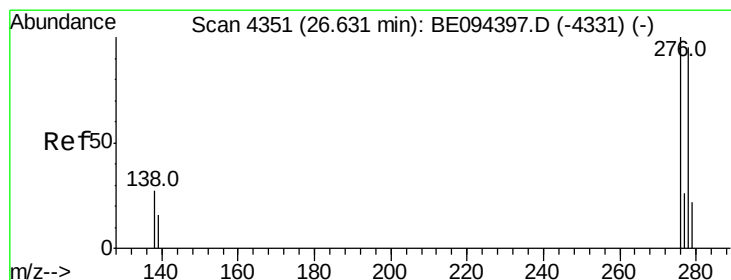
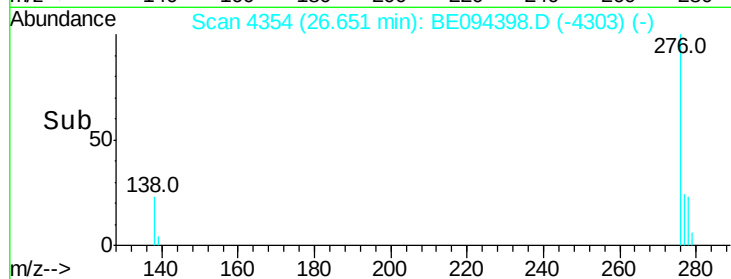
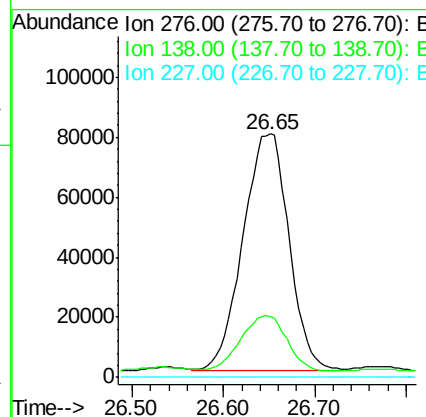
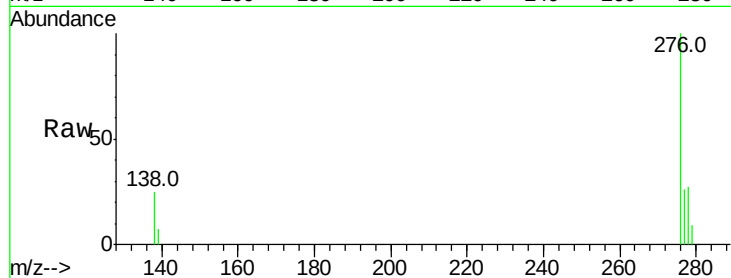
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 7.438 ng/ul m
 RT: 26.65 min Scan# 4354
 Delta R.T. 0.03 min
 Lab File: BE094398.D
 Acq: 15 Oct 2017 18:09

Instrument :
 BNA_E
 ClientSampled :
 C0AB6

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	0.9	28.0	42.0#
227	0.0	8.0	12.0#

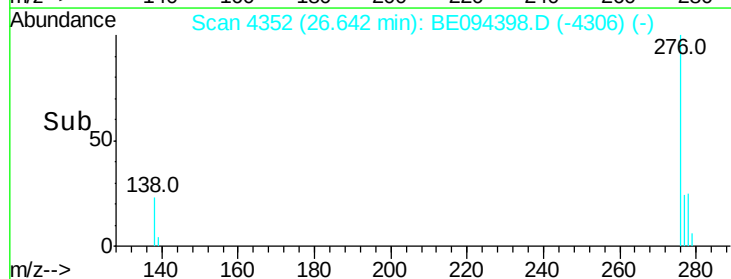
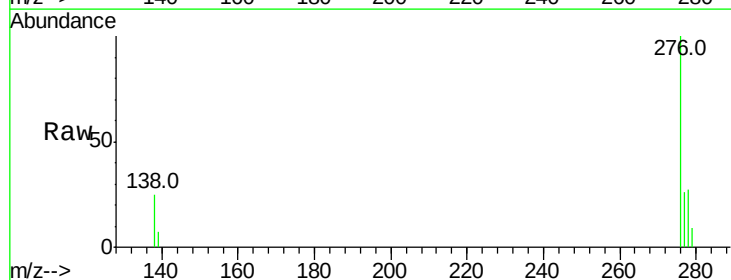
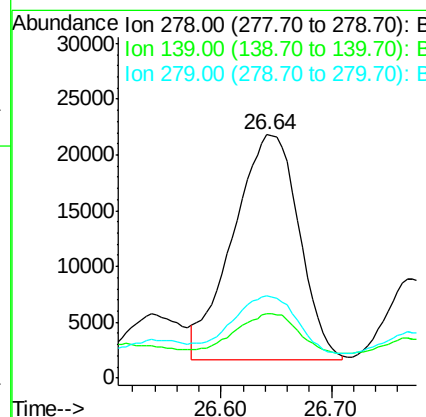
Manual Integrations
 APPROVED

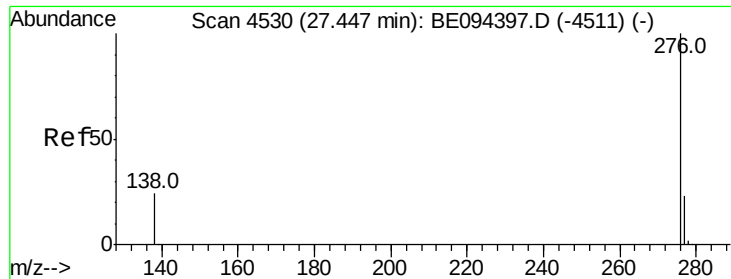
Sohil
 10/16/2017 8:26:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.706 ng/ul m
 RT: 26.64 min Scan# 4352
 Delta R.T. 0.01 min
 Lab File: BE094398.D
 Acq: 15 Oct 2017 18:09

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	26.3	17.4	26.0#
279	33.6	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 7.913 ng/ul m

RT: 27.48 min Scan# 4537

Delta R.T. 0.04 min

Lab File: BE094398.D

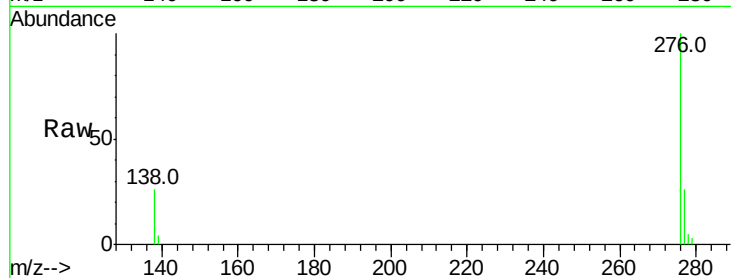
Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampleId :

C0AB6



Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.8	32.8
277	25.9	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:29 PM

