

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094593.D
 Acq On : 27 Oct 2017 13:21
 Operator : SJ/JU
 Sample : I5719-11 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-24(0.5-1.5)-100517

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:36:10 PM

Quant Time: Oct 27 14:50:56 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1654	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9516	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5406	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11791	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11573	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11226	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	463	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1109	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	5802	0.249	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	2521	0.155	ng/ul	96
7) Acenaphthylene	14.24	152	3418	0.140	ng/ul	95
8) Acenaphthene	14.58	153	6997	0.398	ng/ul	96
9) Fluorene	15.57	166	4859	0.246	ng/ul	96
12) Phenanthrene	17.29	178	109197m	3.506	ng/ul	
13) Anthracene	17.39	178	23203	0.755	ng/ul	94
15) Fluoranthene	19.32	202	290496	8.068	ng/ul	84
17) Pyrene	19.68	202	275012	7.687	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	160338	4.846	ng/ul#	88
19) Chrysene	21.47	228	162557	4.754	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	245007m	7.759	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	71078m	2.100	ng/ul	
23) Benzo(a)pyrene	23.86	252	152569	4.833	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.68	276	101552	3.109	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.68	278	24160	0.878	ng/ul#	84
26) Benzo(g,h,i)perylene	27.53	276	84393	3.218	ng/ul	96

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

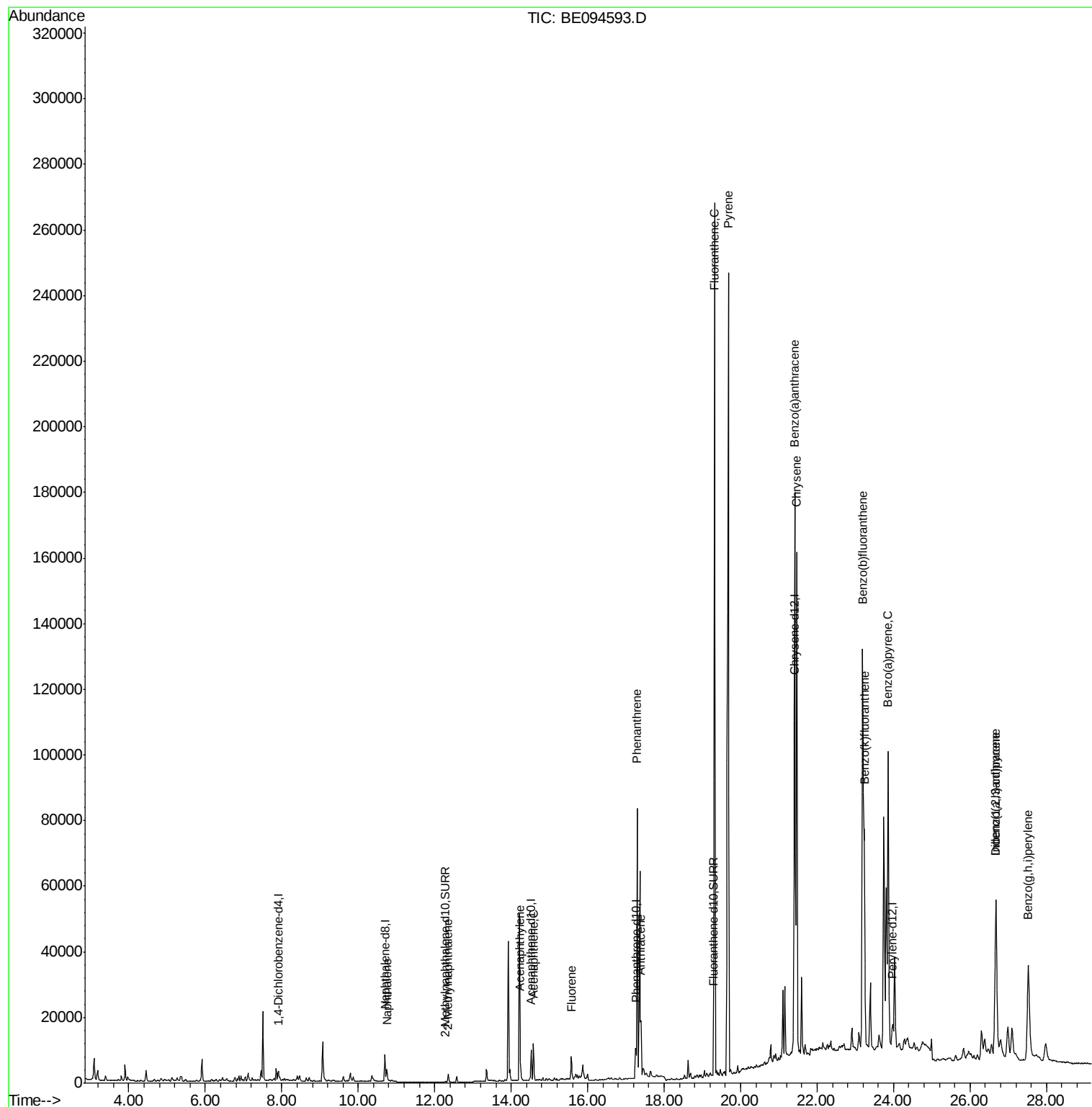
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094593.D
Acq On : 27 Oct 2017 13:21
Operator : SJ/JU
Sample : I5719-11 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

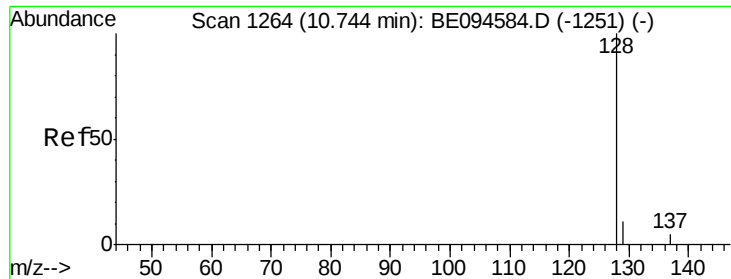
Instrument :
BNA_E
ClientSampleId :
B-24(0.5-1.5)-100517

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:10 PM

Quant Time: Oct 27 14:50:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.249 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Instrument :

BNA_E

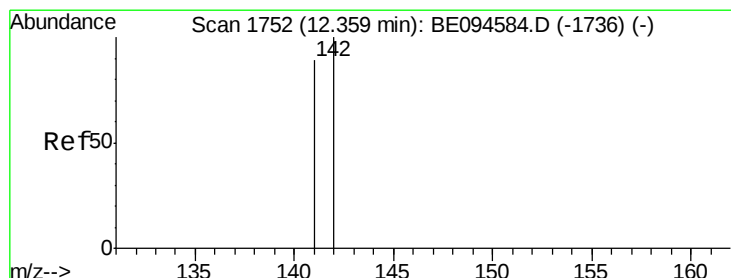
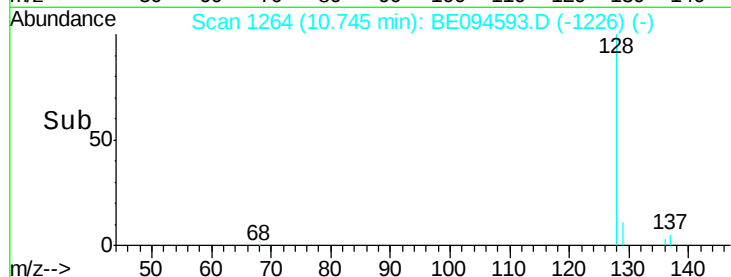
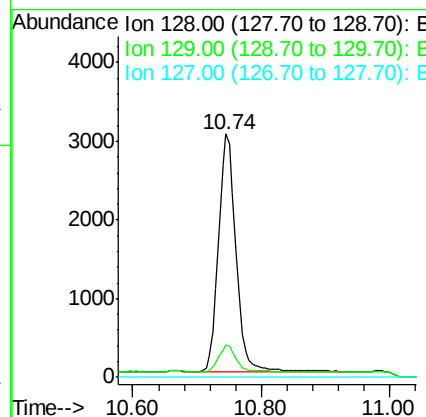
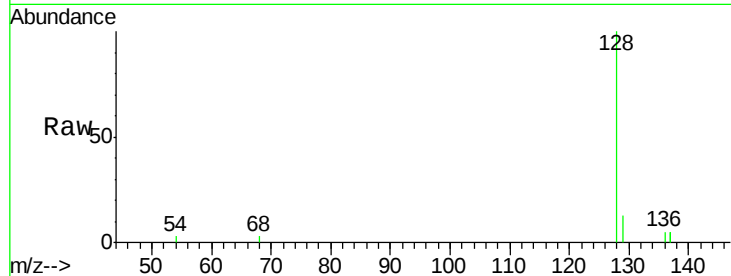
ClientSampleId :

B-24(0.5-1.5)-100517

Tgt Ion:	128	Resp:	5802
Ion Ratio	Lower	Upper	
128	100		
129	13.3	11.3	16.9
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:10 PM



#5

2-Methylnaphthalene

Concen: 0.155 ng/ul

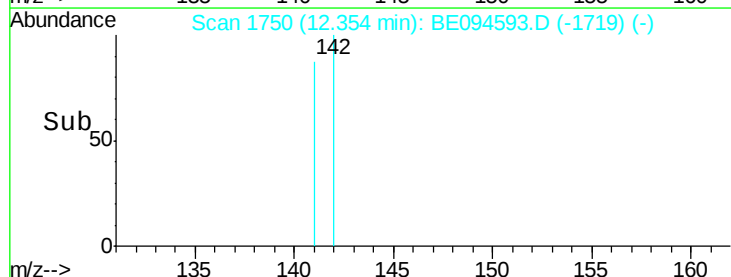
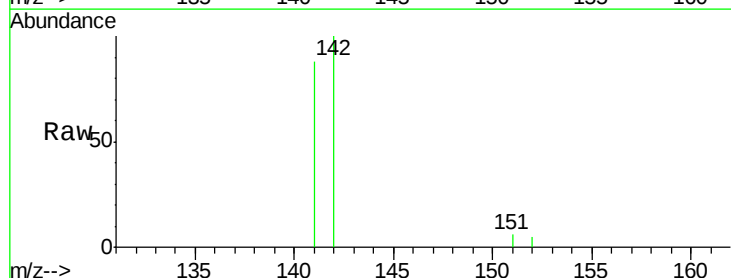
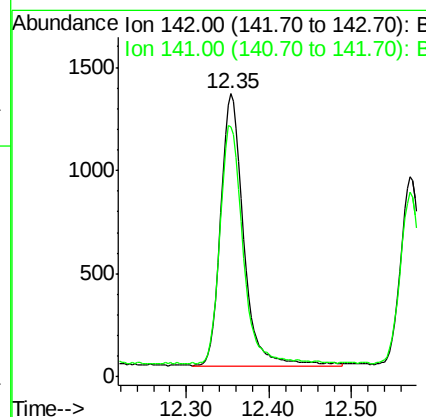
RT: 12.35 min Scan# 1750

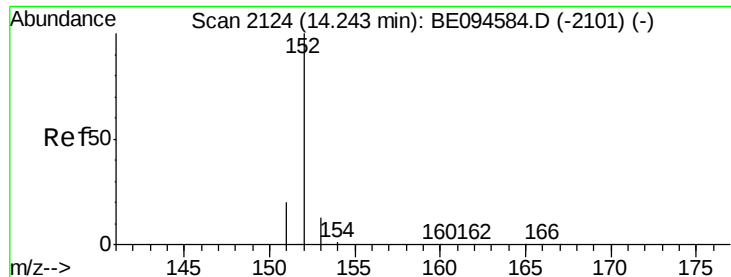
Delta R.T. -0.01 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Tgt Ion:	142	Resp:	2521
Ion Ratio	Lower	Upper	
142	100		
141	87.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.140 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Instrument :

BNA_E

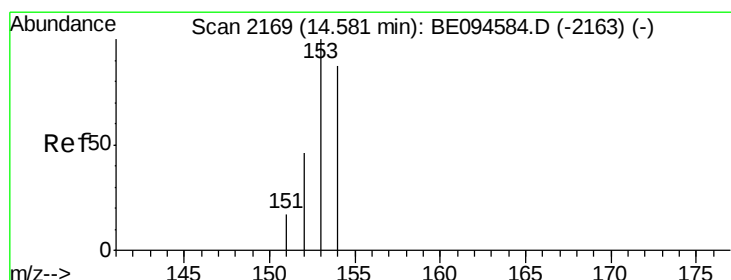
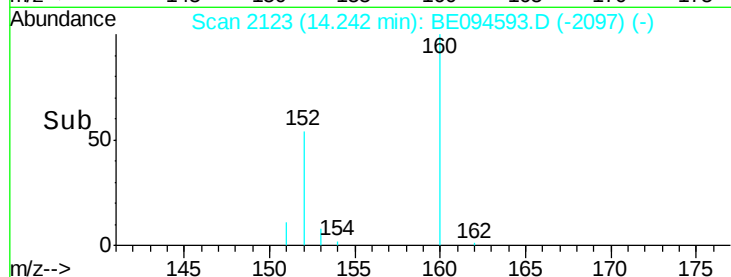
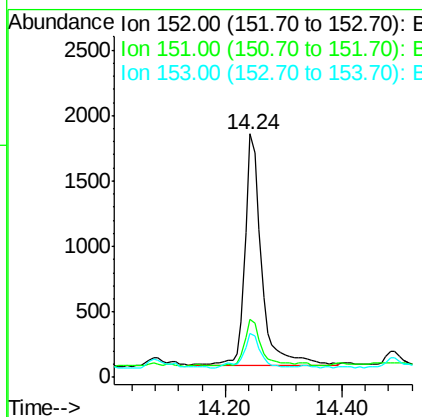
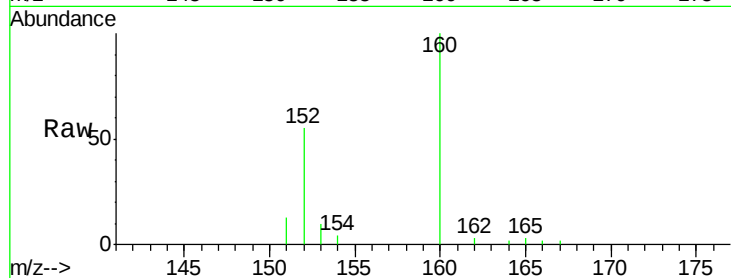
ClientSampleId :

B-24(0.5-1.5)-100517

Tgt Ion:	152	Resp:	3418
Ion Ratio	Lower	Upper	
152	100		
151	24.0	17.1	25.7
153	18.3	12.8	19.2

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:10 PM



#8

Acenaphthene

Concen: 0.398 ng/ul

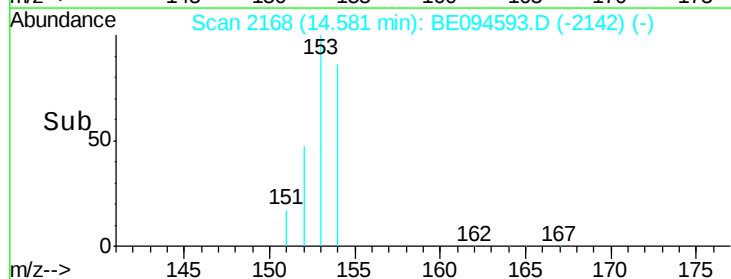
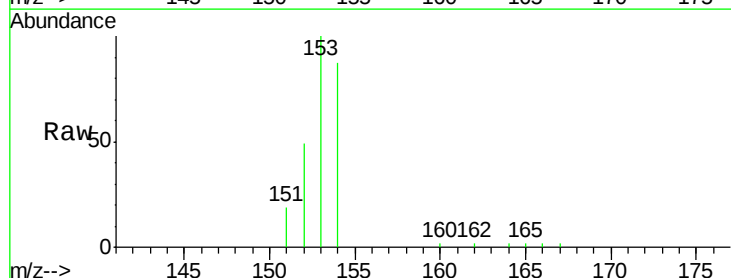
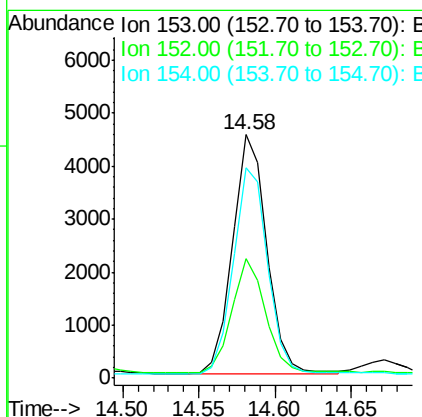
RT: 14.58 min Scan# 2168

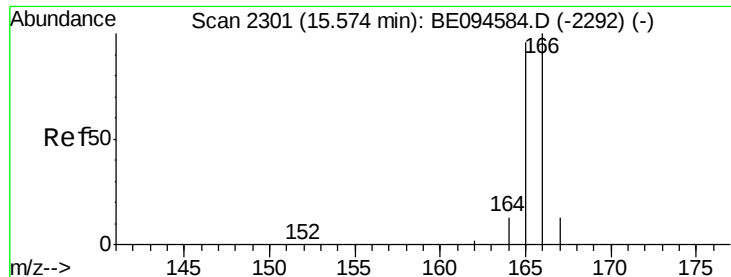
Delta R.T. -0.01 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Tgt Ion:	153	Resp:	6997
Ion Ratio	Lower	Upper	
153	100		
152	49.0	36.0	54.0
154	86.6	72.0	108.0





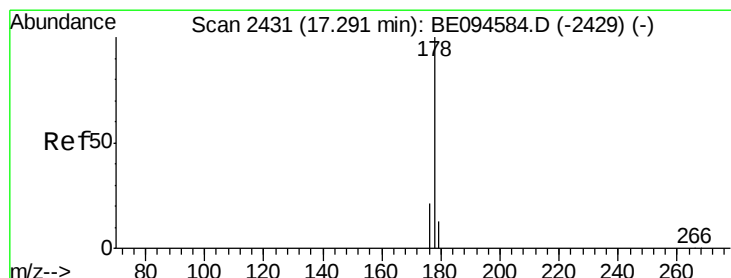
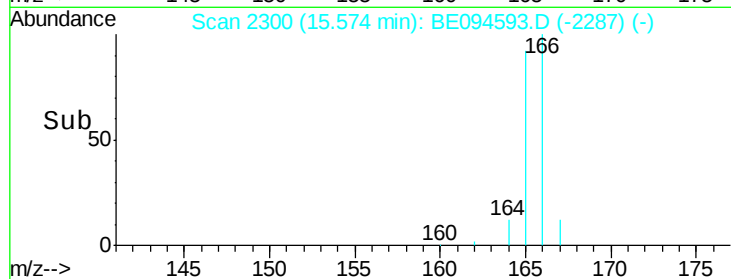
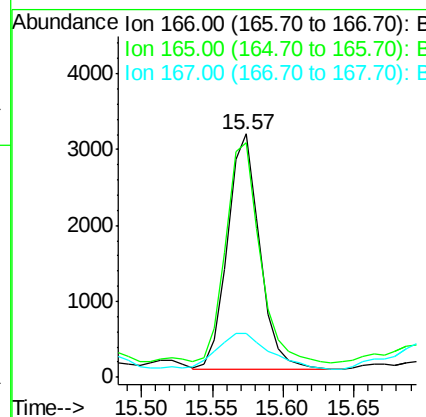
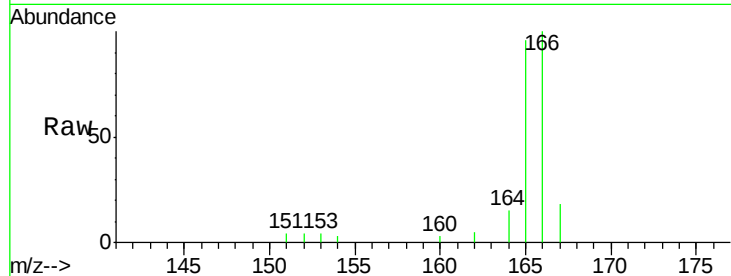
#9
Fluorene
 Concen: 0.246 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BE094593.D
 Acq: 27 Oct 2017 13:21

Instrument :
 BNA_E
 ClientSampleId :
 B-24(0.5-1.5)-100517

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	73.4	110.2
167	18.1	14.6	22.0

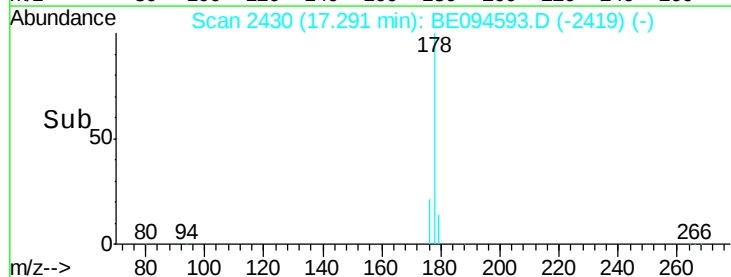
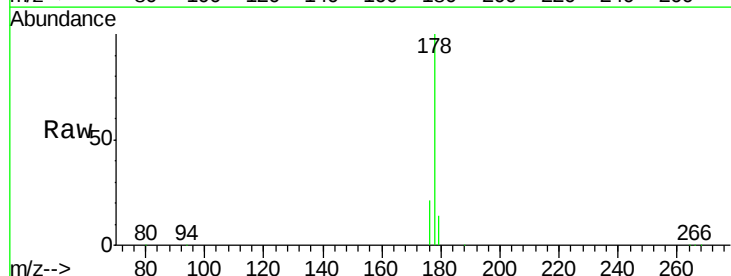
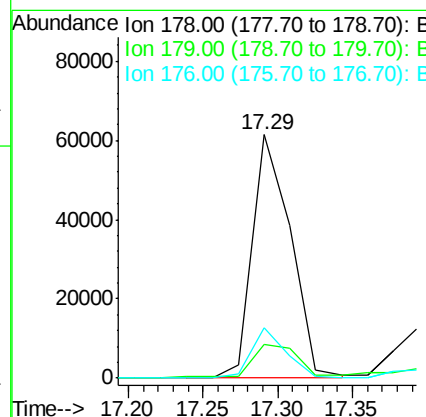
Manual Integrations
 APPROVED

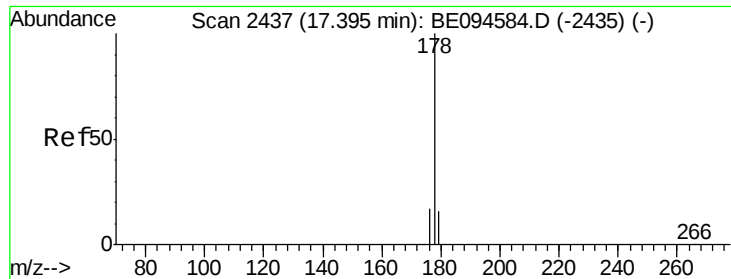
Sohil
 10/27/2017 5:36:10 PM



#12
Phenanthrene
 Concen: 3.506 ng/ul m
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094593.D
 Acq: 27 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.0	18.4	27.6#
176	20.9	13.6	20.4#





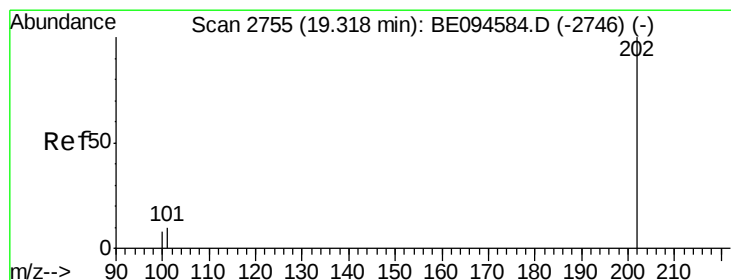
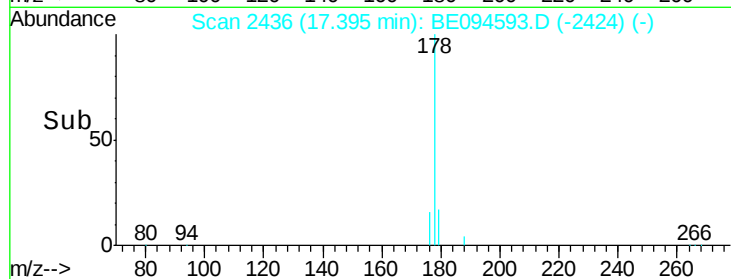
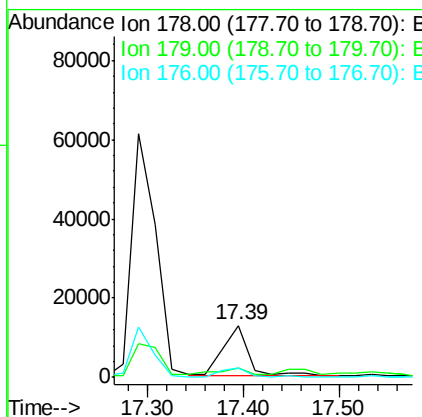
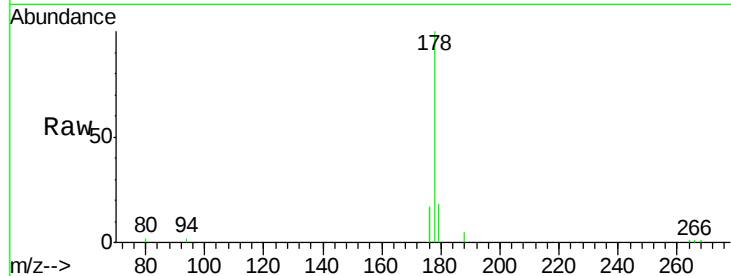
#13
 Anthracene
 Concen: 0.755 ng/ul
 RT: 17.39 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE094593.D
 Acq: 27 Oct 2017 13:21

Instrument :
 BNA_E
 ClientSampleId :
 B-24(0.5-1.5)-100517

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	18.1	27.1
176	16.8	14.7	22.1

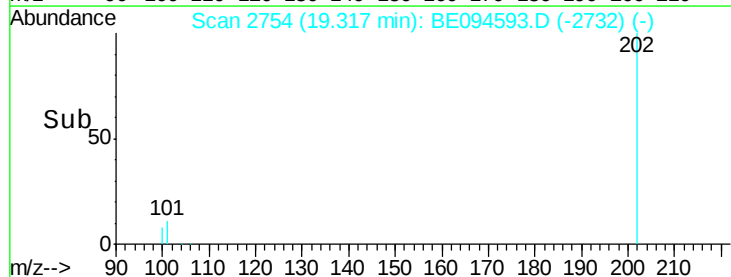
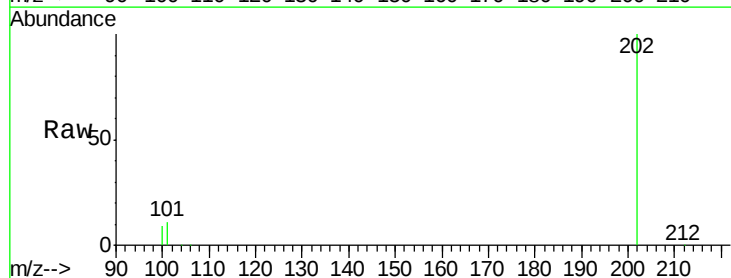
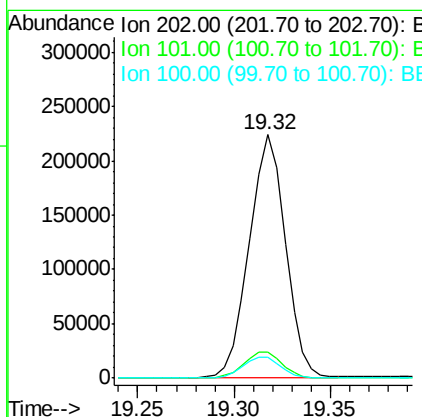
Manual Integrations
 APPROVED

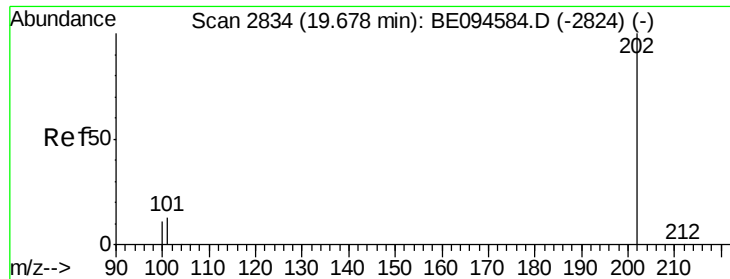
Sohil
 10/27/2017 5:36:10 PM



#15
 Fluoranthene
 Concen: 8.068 ng/ul
 RT: 19.32 min Scan# 2754
 Delta R.T. 0.00 min
 Lab File: BE094593.D
 Acq: 27 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.5	0.0	39.5





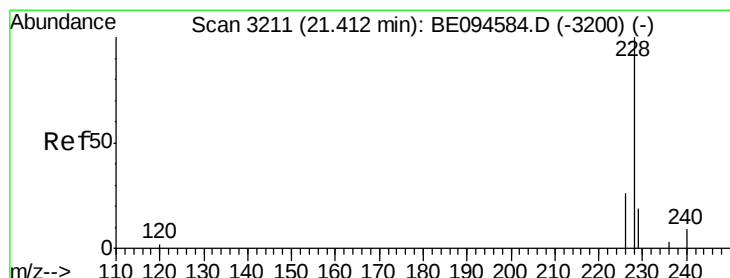
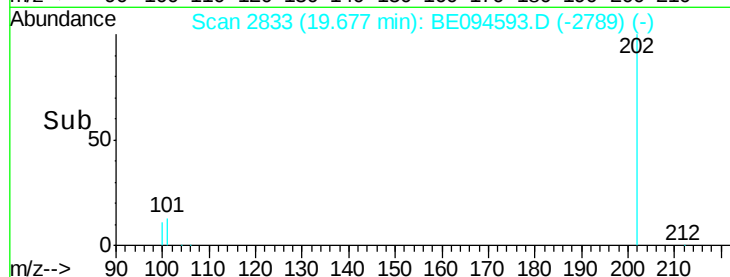
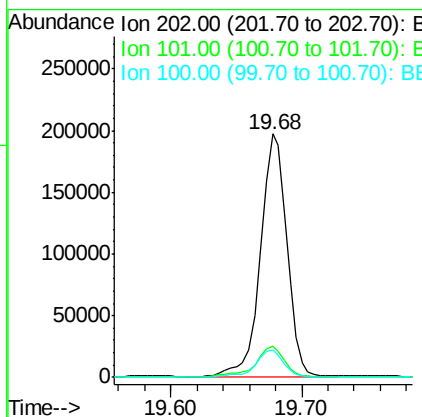
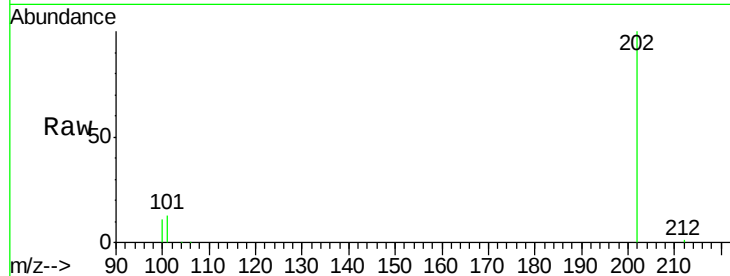
#17
Pyrene
 Concen: 7.687 ng/ul
 RT: 19.68 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BE094593.D
 Acq: 27 Oct 2017 13:21

Instrument :
 BNA_E
 ClientSampleId :
 B-24(0.5-1.5)-100517

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	18.2	27.4#
100	11.1	15.6	23.4#

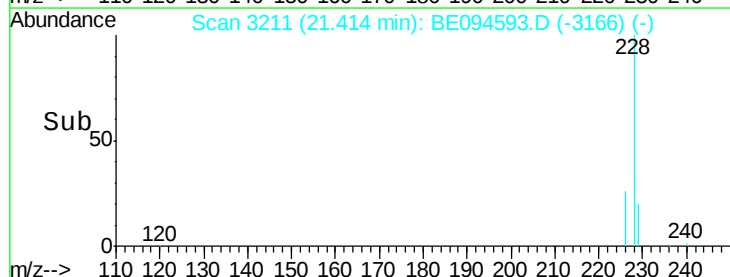
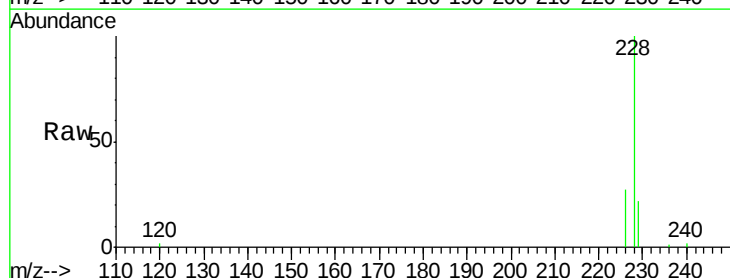
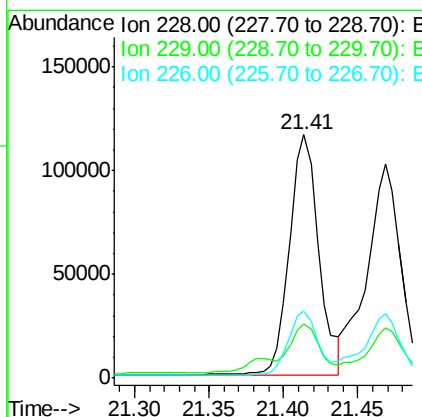
Manual Integrations
 APPROVED

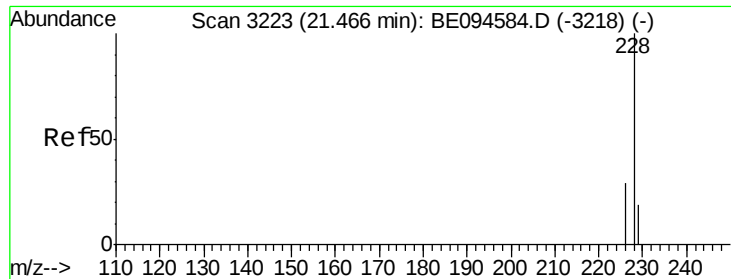
Sohil
 10/27/2017 5:36:10 PM



#18
Benzo(a)anthracene
 Concen: 4.846 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. 0.01 min
 Lab File: BE094593.D
 Acq: 27 Oct 2017 13:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.0	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 4.754 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.01 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Instrument :

BNA_E

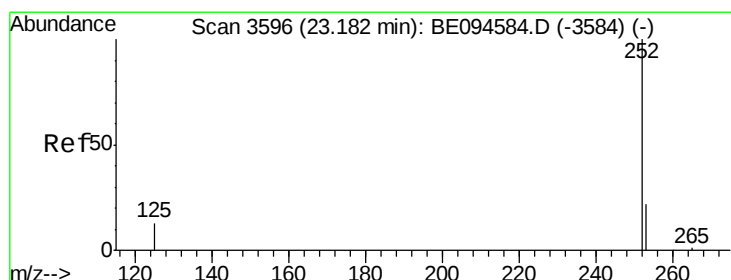
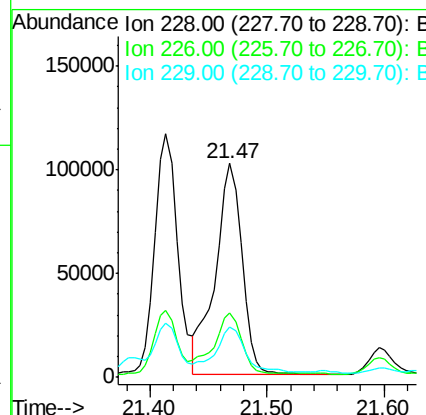
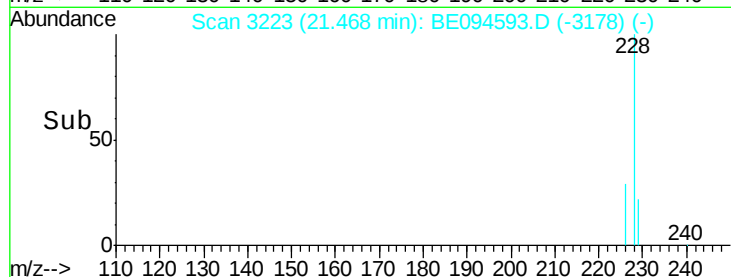
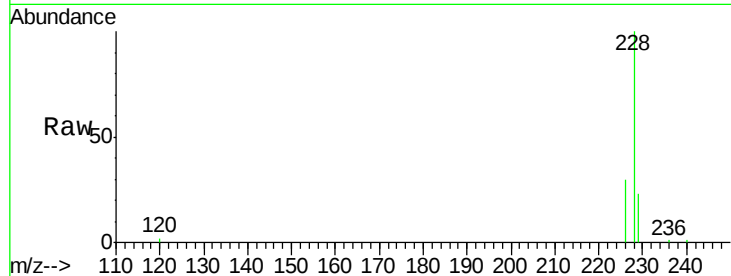
ClientSampleId :

B-24(0.5-1.5)-100517

Tgt Ion:	228	Resp:	162557
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	23.4	17.7	26.5

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:10 PM



#21

Benzo(b)fluoranthene

Concen: 7.759 ng/ul m

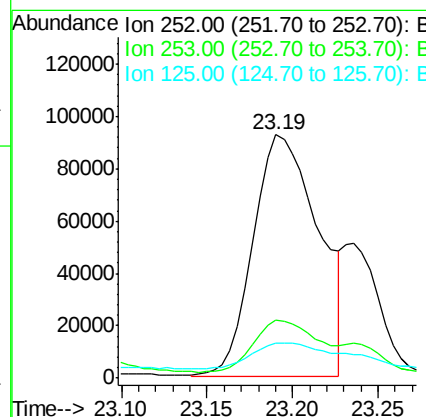
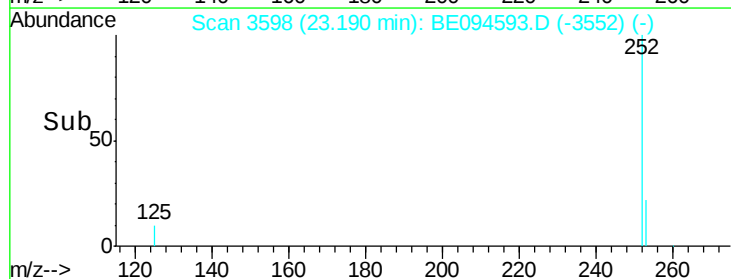
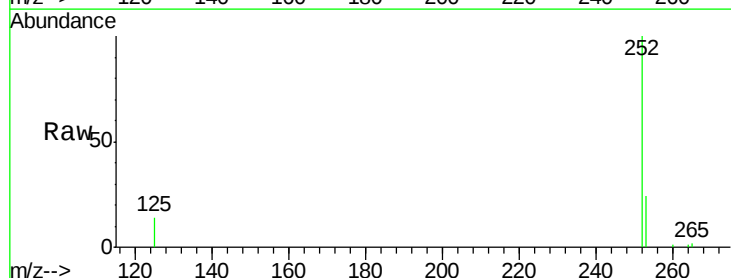
RT: 23.19 min Scan# 3598

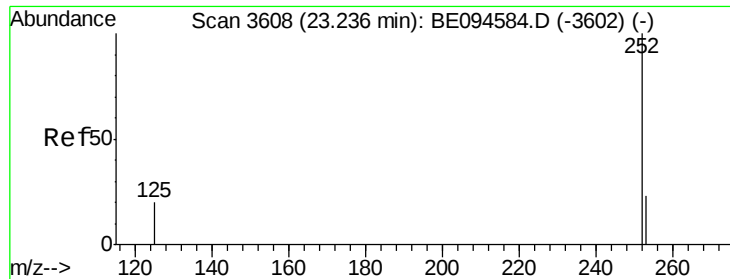
Delta R.T. 0.01 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Tgt Ion:	252	Resp:	245007
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	64.2
125	14.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.100 ng/ul m

RT: 23.24 min Scan# 3608

Delta R.T. 0.00 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Instrument :

BNA_E

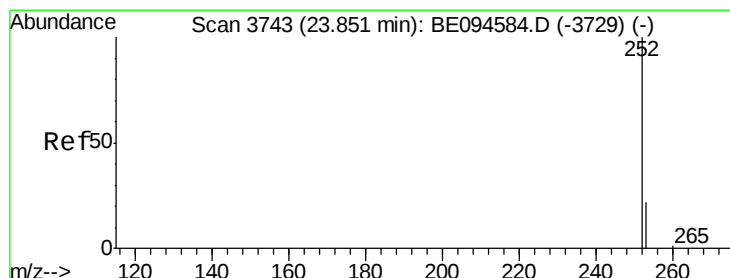
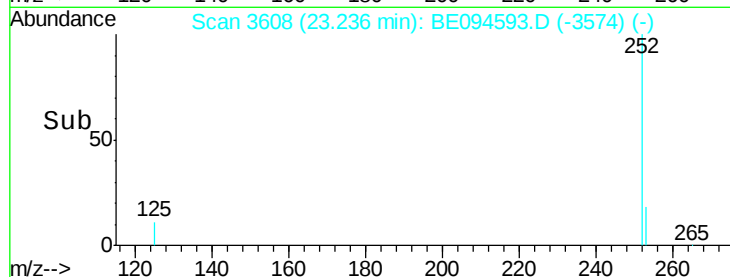
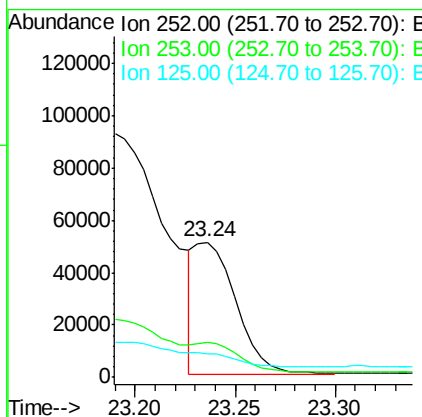
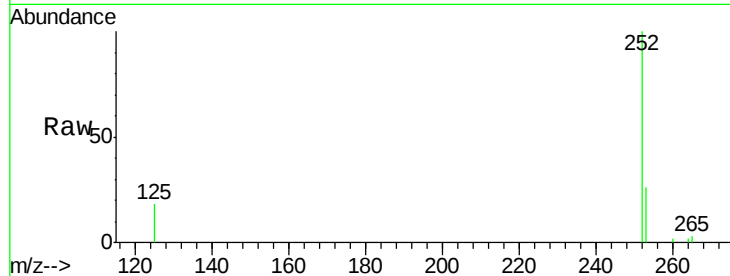
ClientSampleId :

B-24(0.5-1.5)-100517

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	24.5	36.7
125	17.9	13.7	20.5

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:10 PM



#23

Benzo(a)pyrene

Concen: 4.833 ng/ul

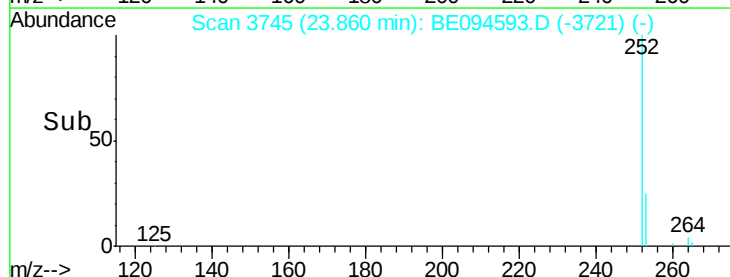
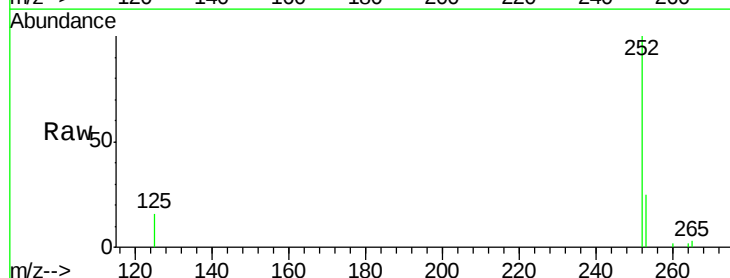
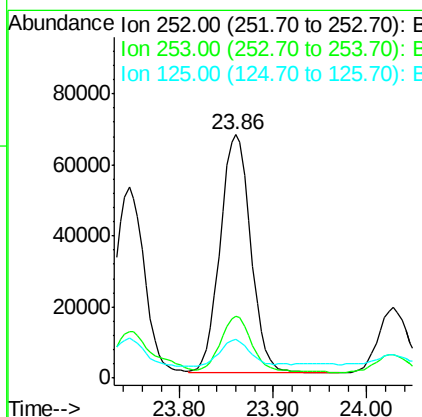
RT: 23.86 min Scan# 3745

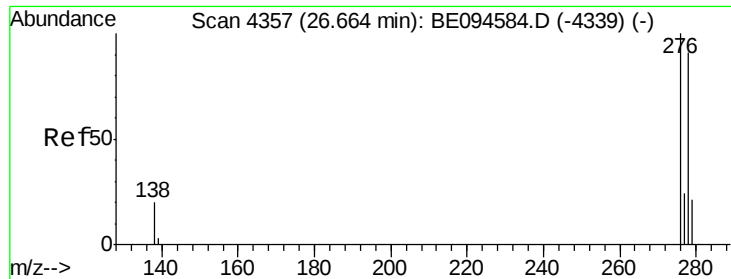
Delta R.T. 0.01 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	28.5	42.7#
125	15.7	18.1	27.1#





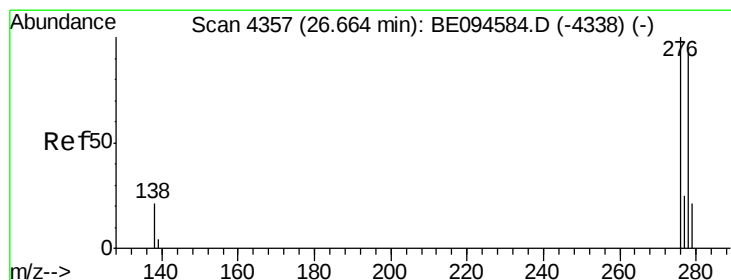
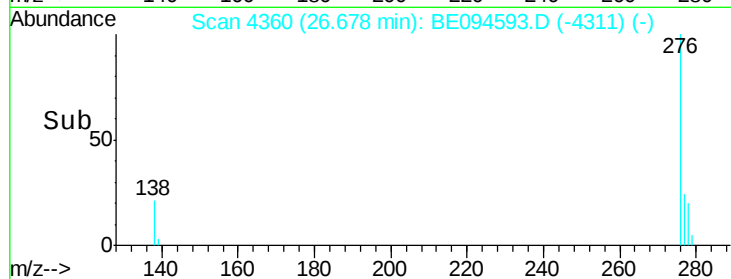
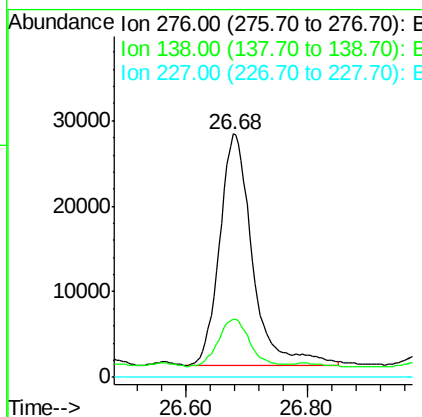
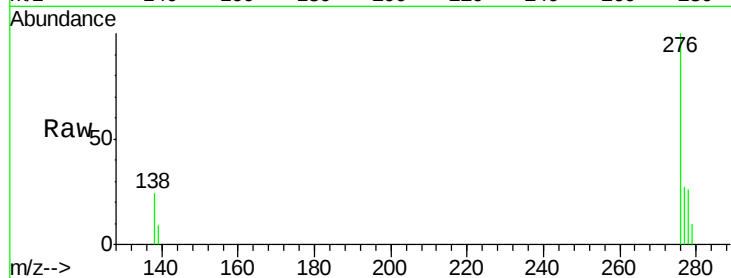
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.109 ng/u1
 RT: 26.68 min Scan# 4360
 Delta R.T. 0.02 min
 Lab File: BE094593.D
 Acq: 27 Oct 2017 13:21

Instrument :
 BNA_E
 ClientSampleId :
 B-24(0.5-1.5)-100517

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	101552		
138	19.8	28.0	42.0#	
227	0.0	8.0	12.0#	

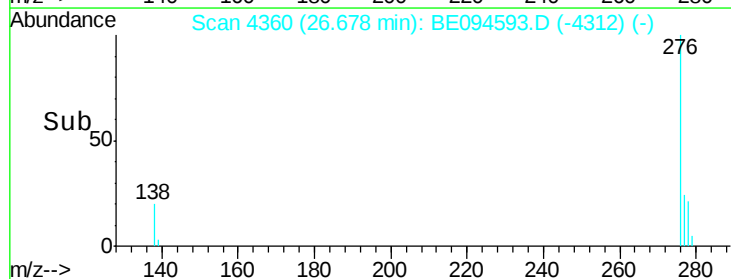
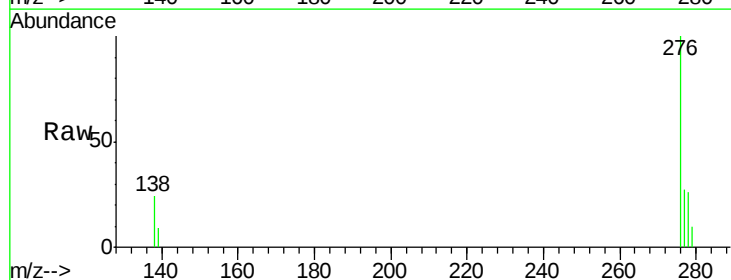
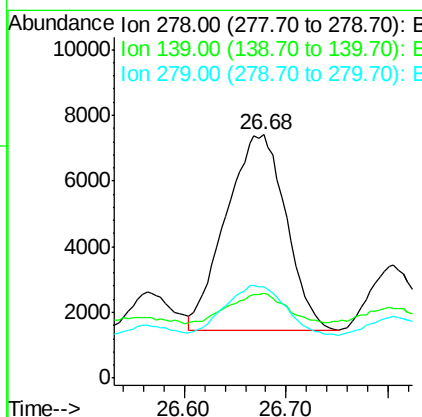
Manual Integrations
 APPROVED

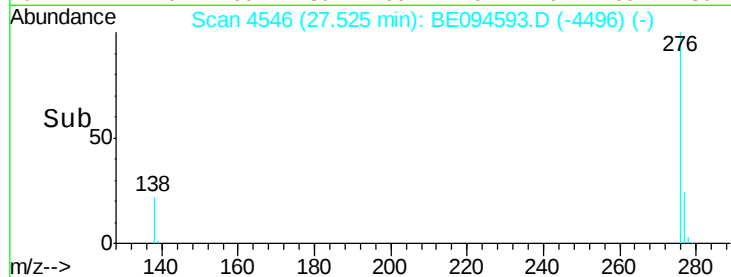
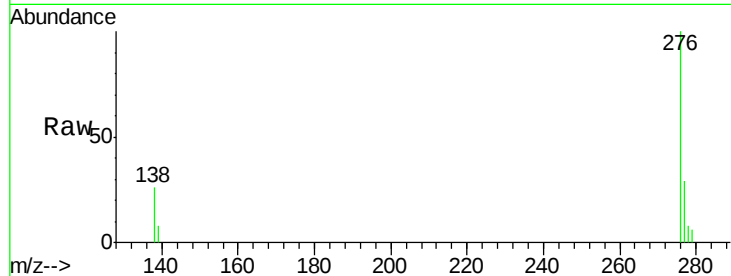
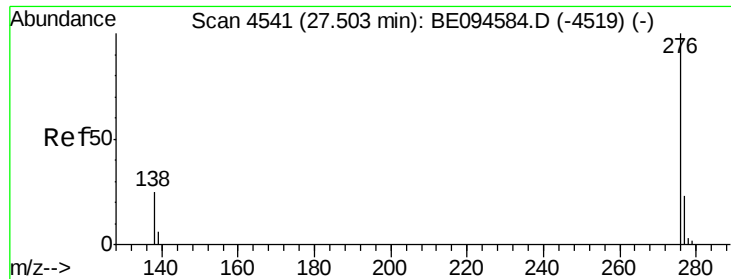
Sohil
 10/27/2017 5:36:10 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.878 ng/u1
 RT: 26.68 min Scan# 4360
 Delta R.T. 0.02 min
 Lab File: BE094593.D
 Acq: 27 Oct 2017 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	24160		
139	34.6	17.4	26.0#	
279	37.4	25.9	38.9	





#26

Benzo(g,h,i)perylene

Concen: 3.218 ng/ul

RT: 27.53 min Scan# 4546

Delta R.T. 0.03 min

Lab File: BE094593.D

Acq: 27 Oct 2017 13:21

Instrument :

BNA_E

ClientSampleId :

B-24(0.5-1.5)-100517

Tgt Ion:	276	Resp:	84393
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.8	32.8
277	28.7	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:10 PM

