

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094360.D
 Acq On : 14 Oct 2017 18:08
 Operator : SJ/JU
 Sample : I5611-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-44(0-1)_100217

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:09 PM

Quant Time: Oct 15 01:54:40 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1454	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	7830	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	4575	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10122	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	9989	0.40	ng/ul	-0.02
20) Perylene-d12	23.94	264	9253	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	479m	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1160	0.03	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	6998	0.365	ng/ul#	89
5) 2-Methylnaphthalene	12.35	142	5698	0.458	ng/ul	97
7) Acenaphthylene	14.24	152	4971	0.279	ng/ul	97
8) Acenaphthene	14.58	153	2785	0.190	ng/ul	98
9) Fluorene	15.57	166	2766	0.161	ng/ul	93
12) Phenanthrene	17.29	178	48979	1.852	ng/ul#	88
13) Anthracene	17.38	178	11071	0.430	ng/ul#	89
15) Fluoranthene	19.31	202	130135	3.744	ng/ul	84
17) Pyrene	19.67	202	138512	4.984	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	73443	2.771	ng/ul#	86
19) Chrysene	21.46	228	80831	2.641	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	95825m	3.812	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	32156m	1.107	ng/ul	
23) Benzo(a)pyrene	23.83	252	75219	2.880	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.62	276	47009	1.759	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.62	278	11665	0.520	ng/ul#	84
26) Benzo(a,h,i)perylene	27.45	276	48570	2.107	ng/ul	98

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

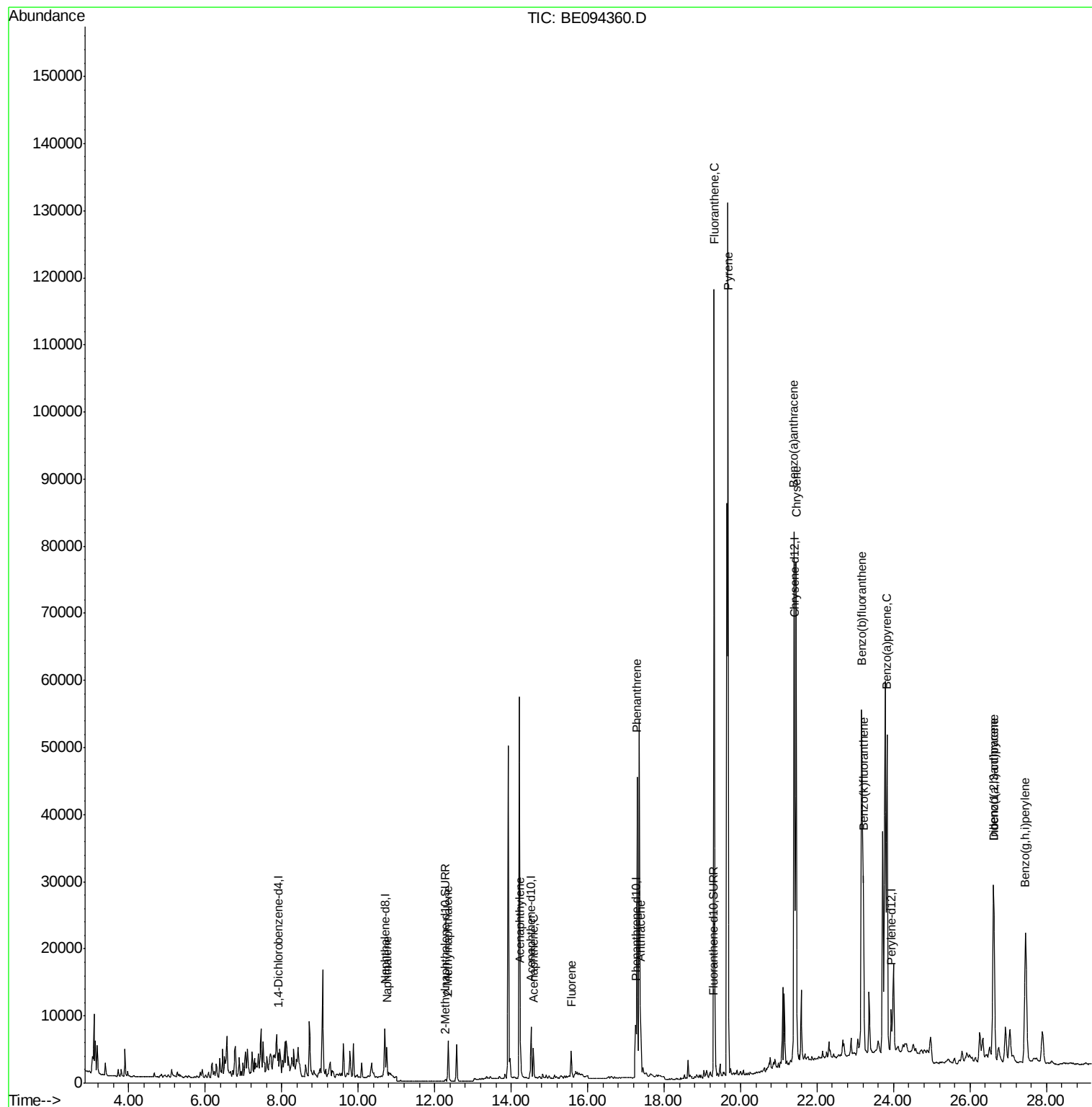
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094360.D
Acq On : 14 Oct 2017 18:08
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

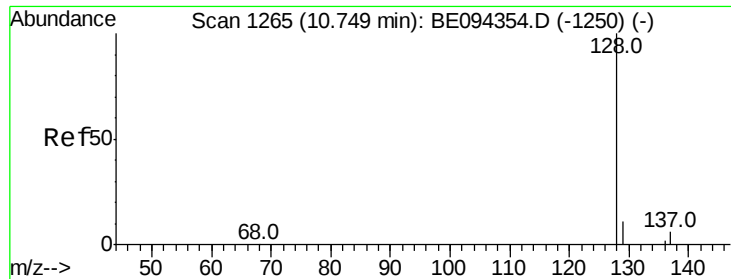
Instrument :
BNA_E
ClientSampleId :
B-44(0-1) 100217

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:09 PM

Quant Time: Oct 15 01:54:40 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.365 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Instrument :

BNA_E

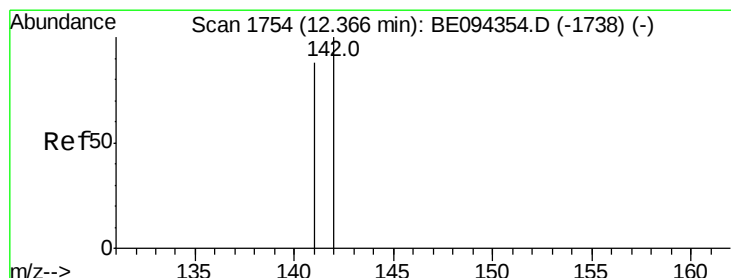
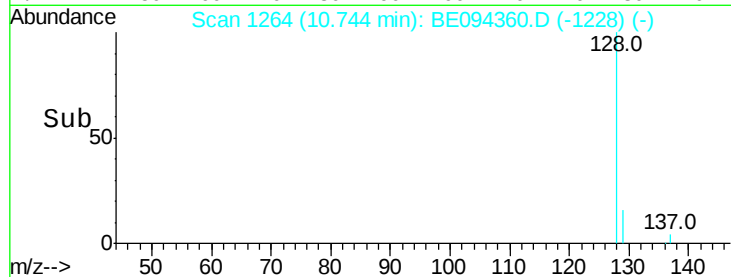
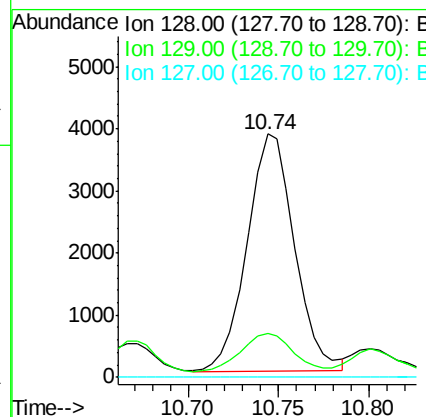
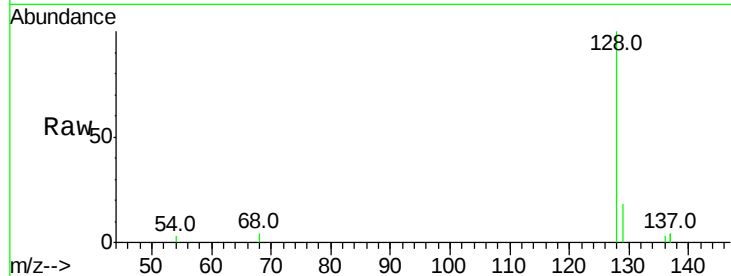
ClientSampleId :

B-44(0-1)_100217

Tot Ion:128	Resp:	6998
Ion Ratio	Lower	Upper
128 100		
129 18.2	11.3	16.9#
127 0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:09 PM



#5

2-Methylnaphthalene

Concen: 0.458 ng/ul

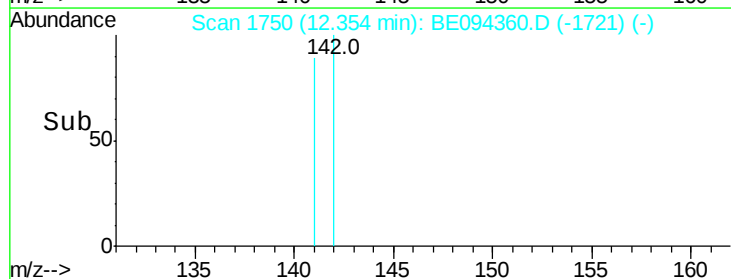
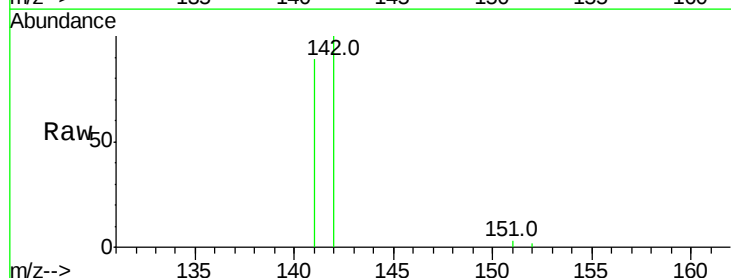
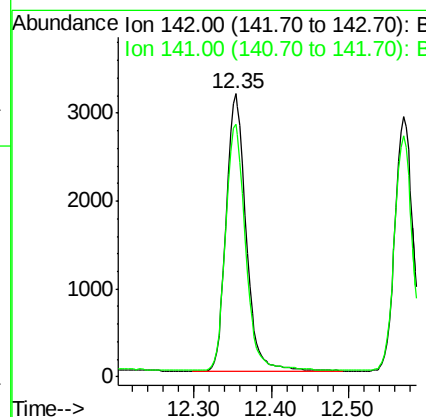
RT: 12.35 min Scan# 1750

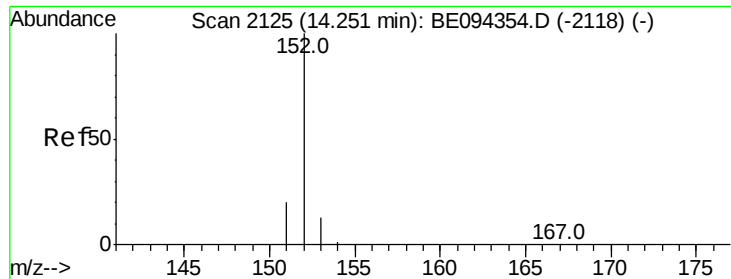
Delta R.T. -0.01 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Tgt Ion:142	Resp:	5698
Ion Ratio	Lower	Upper
142 100		
141 88.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.279 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Instrument :

BNA_E

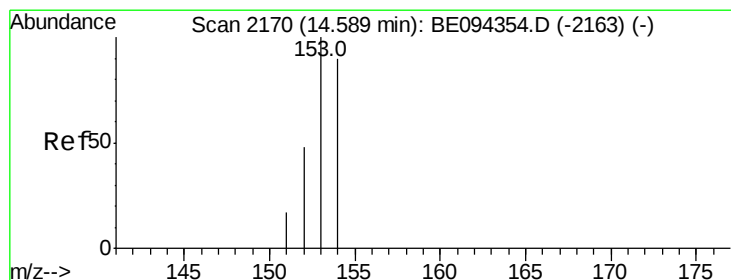
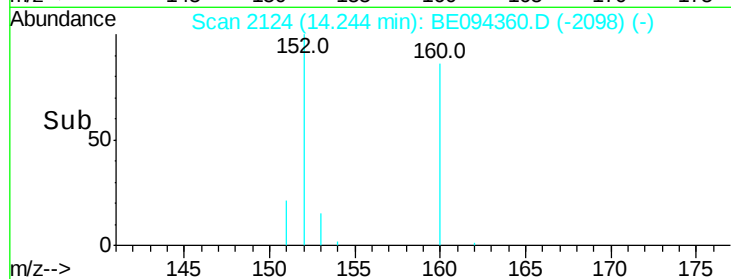
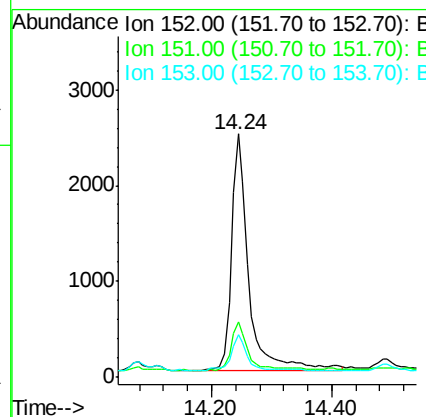
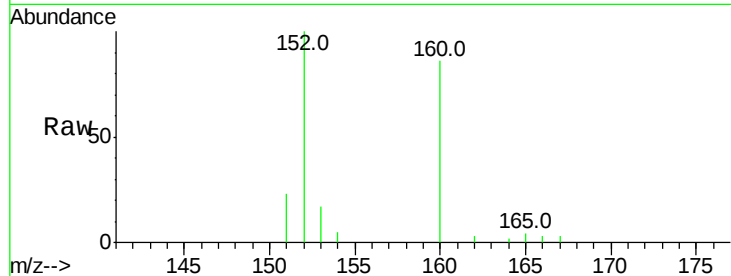
ClientSampleId :

B-44(0-1)_100217

Tot Ion:	152	Resp:	4971
Ion Ratio	Lower	Upper	
152	100		
151	22.9	17.1	25.7
153	17.4	12.8	19.2

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:09 PM



#8

Acenaphthene

Concen: 0.190 ng/ul

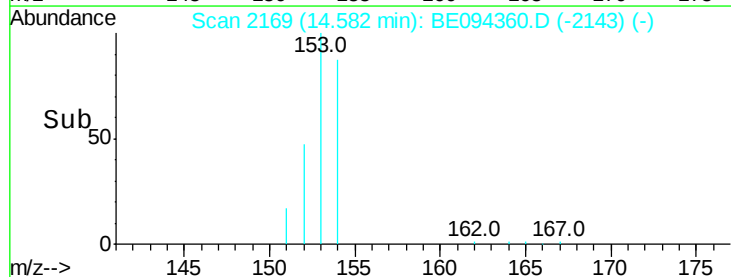
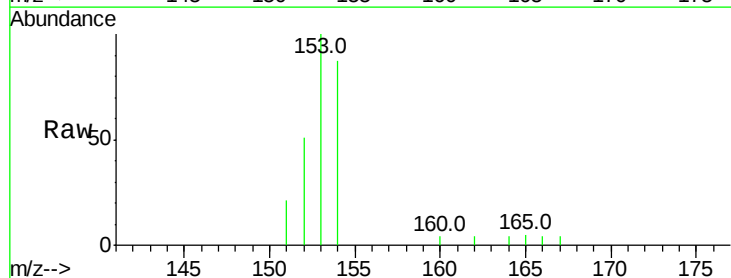
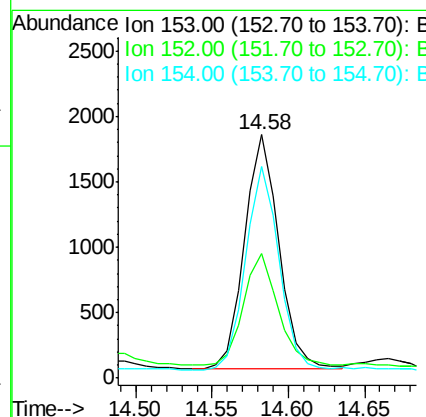
RT: 14.58 min Scan# 2169

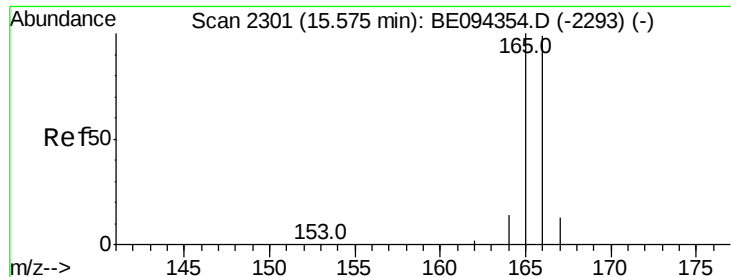
Delta R.T. -0.01 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Tgt Ion:	153	Resp:	2785
Ion Ratio	Lower	Upper	
153	100		
152	51.0	40.3	60.5
154	87.0	71.4	107.2





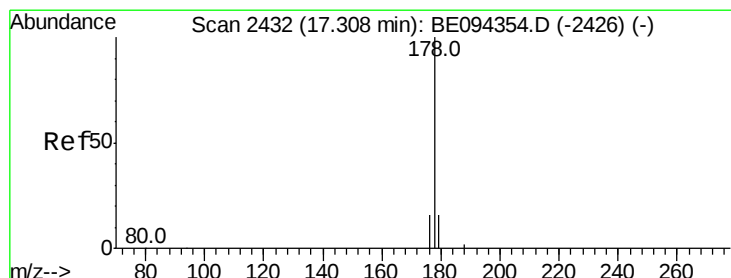
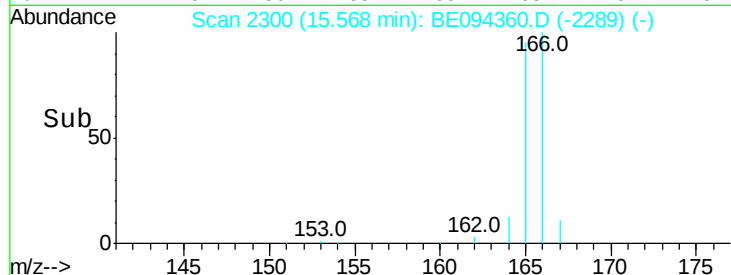
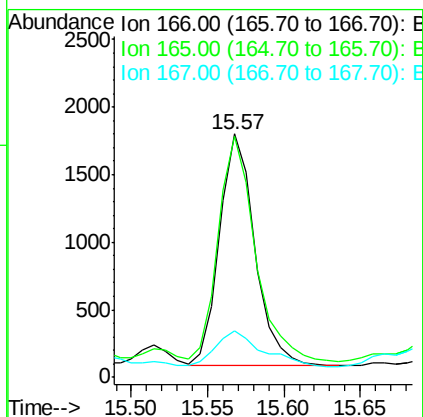
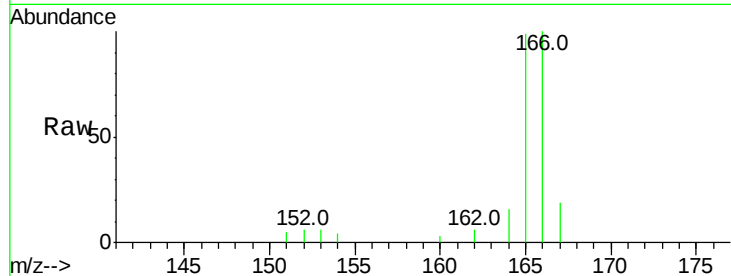
#9
Fluorene
 Concen: 0.161 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BE094360.D
 Acq: 14 Oct 2017 18:08

Instrument :
 BNA_E
 ClientSampleId :
 B-44(0-1)_100217

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	73.4	110.2
167	19.1	14.6	22.0

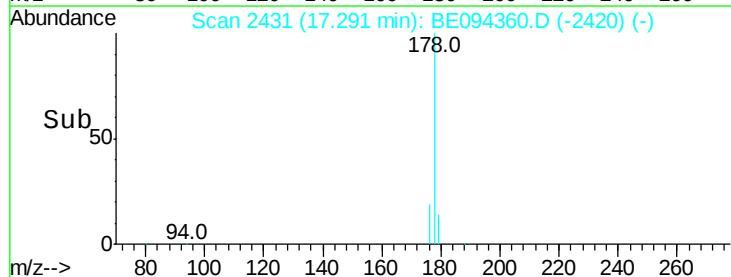
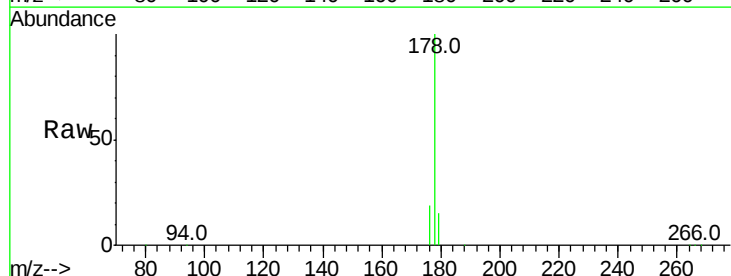
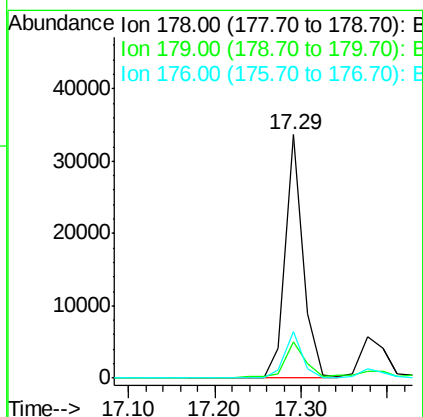
Manual Integrations
 APPROVED

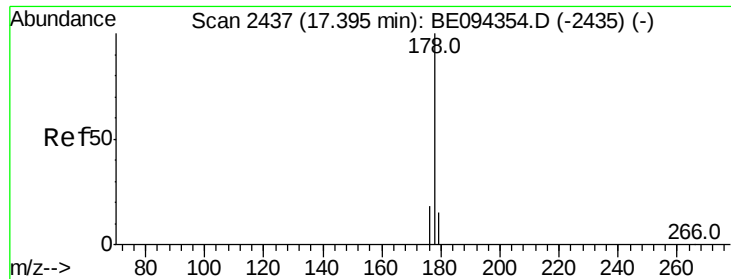
Sohil
 10/16/2017 8:25:09 PM



#12
Phenanthrene
 Concen: 1.852 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094360.D
 Acq: 14 Oct 2017 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	18.4	27.6#
176	19.1	13.6	20.4





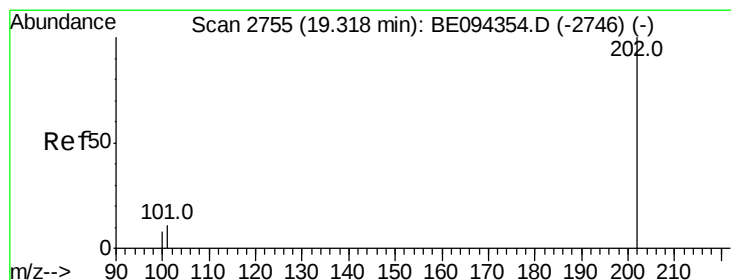
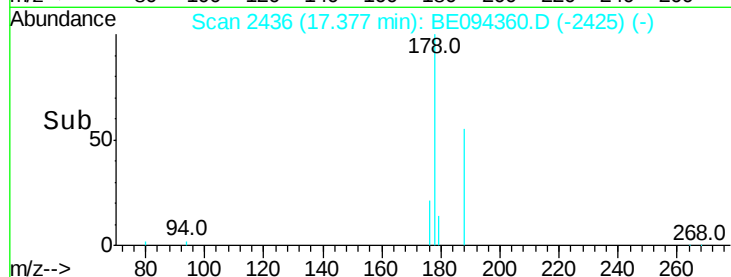
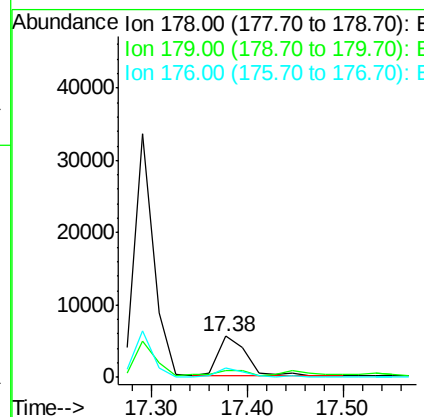
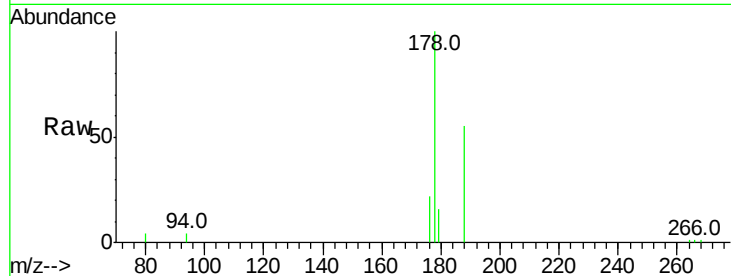
#13
 Anthracene
 Concen: 0.430 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094360.D
 Acq: 14 Oct 2017 18:08

Instrument :
 BNA_E
 ClientSampleId :
 B-44(0-1)_100217

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	22.0	14.7	22.1

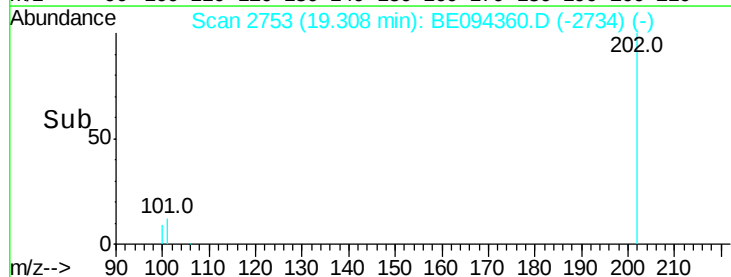
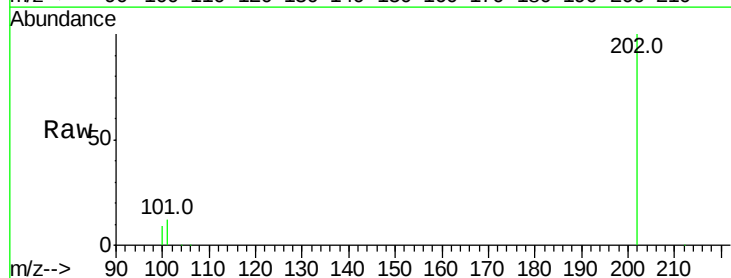
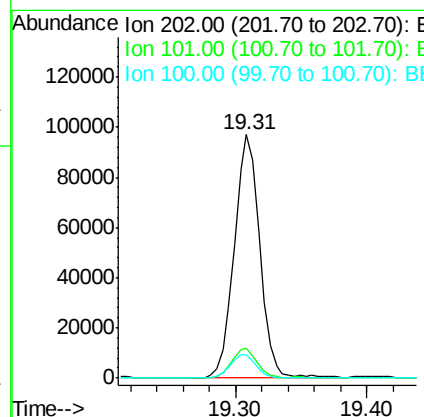
Manual Integrations
 APPROVED

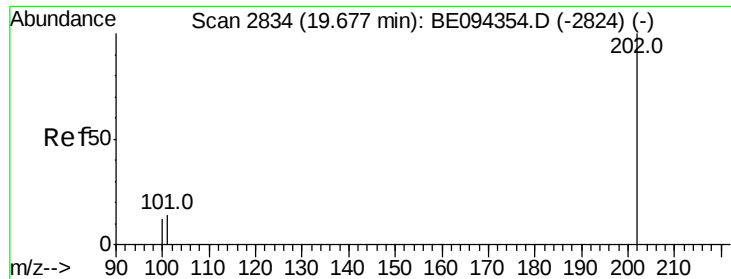
Sohil
 10/16/2017 8:25:09 PM



#15
 Fluoranthene
 Concen: 3.744 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094360.D
 Acq: 14 Oct 2017 18:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.5	0.0	39.5





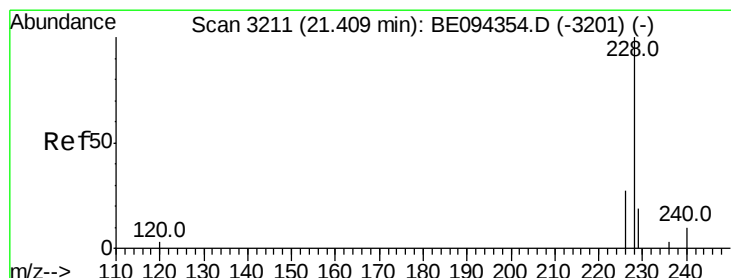
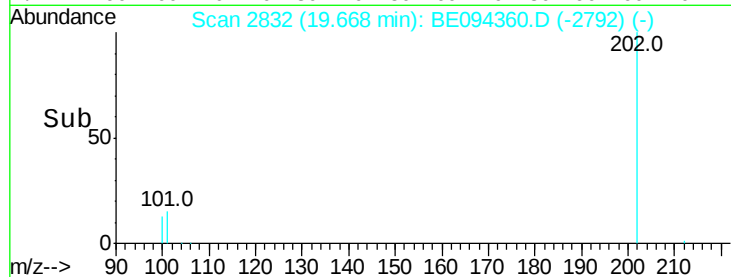
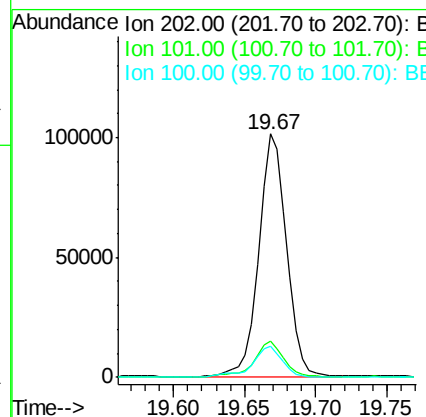
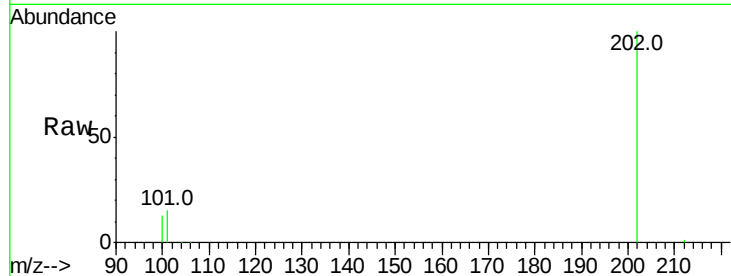
#17
Pvrene
Concen: 4.984 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BE094360.D
Acq: 14 Oct 2017 18:08

Instrument :
BNA_E
ClientSampleId :
B-44(0-1)_100217

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	18.2	27.4#
100	12.6	15.6	23.4#

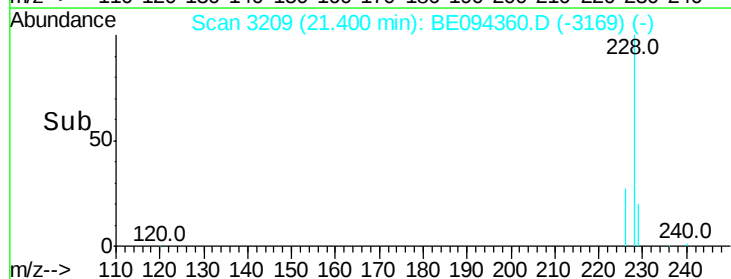
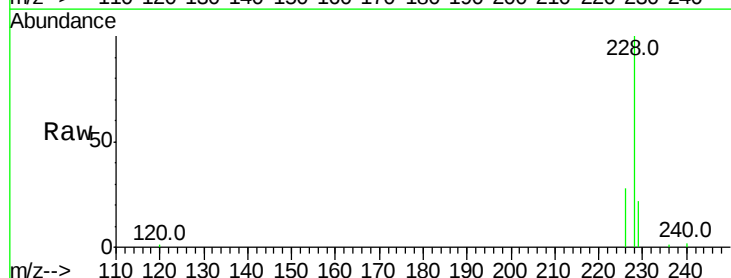
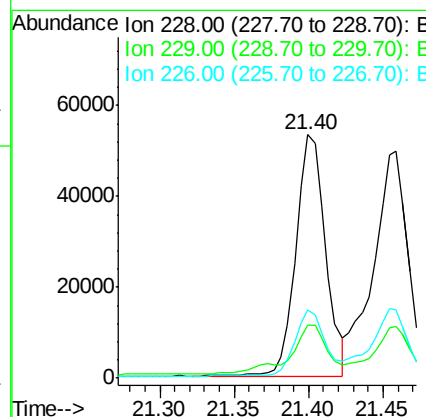
Manual Integrations
APPROVED

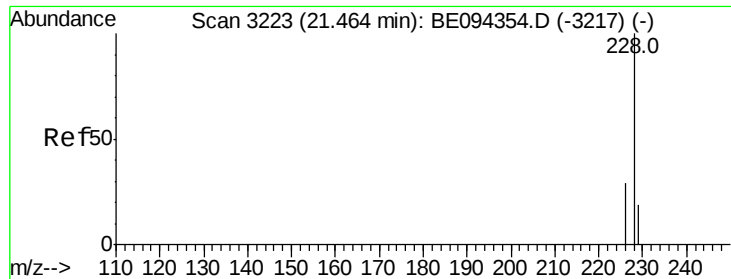
Sohil
10/16/2017 8:25:09 PM



#18
Benzo(a)anthracene
Concen: 2.771 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BE094360.D
Acq: 14 Oct 2017 18:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	22.8	34.2#
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 2.641 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Instrument :

BNA_E

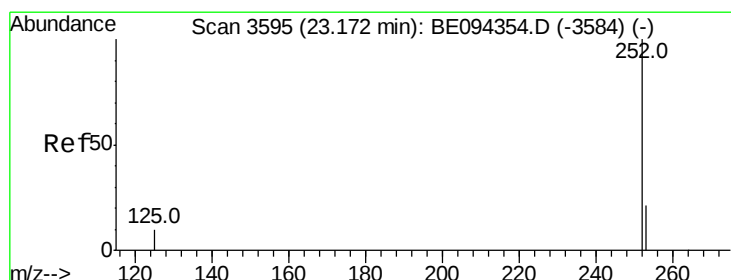
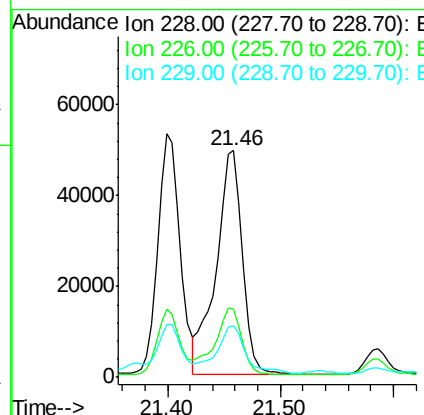
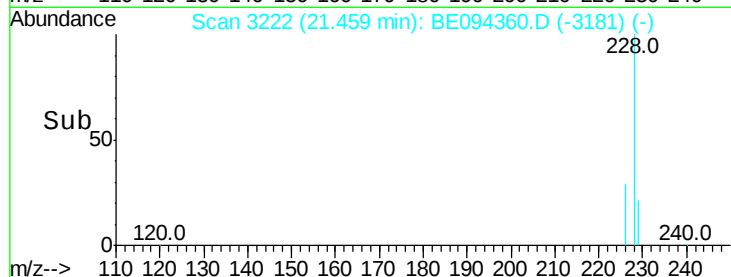
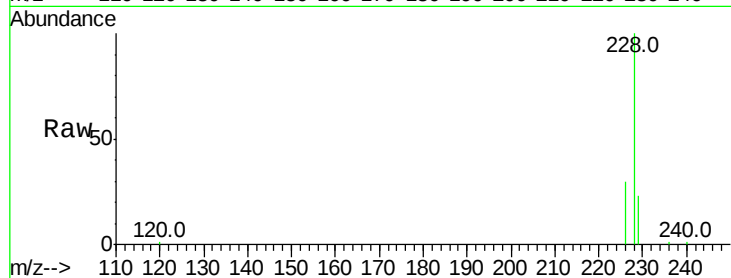
ClientSampleId :

B-44(0-1) 100217

Tot Ion:	228	Resp:	80831
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	22.7	17.7	26.5

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:09 PM



#21

Benzo(b)fluoranthene

Concen: 3.812 ng/ul m

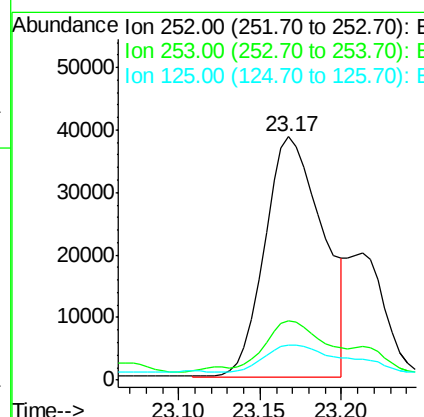
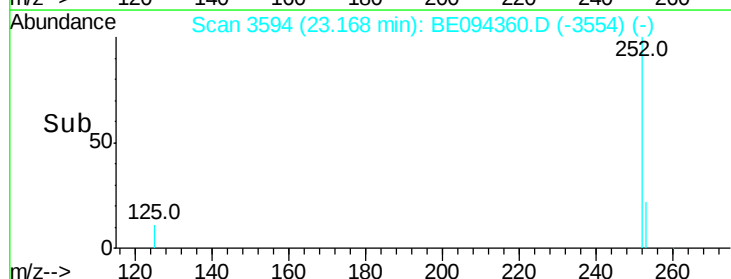
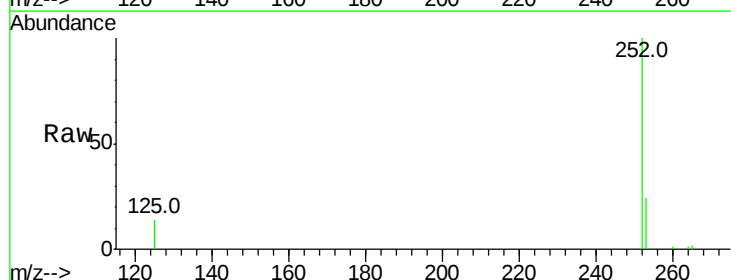
RT: 23.17 min Scan# 3594

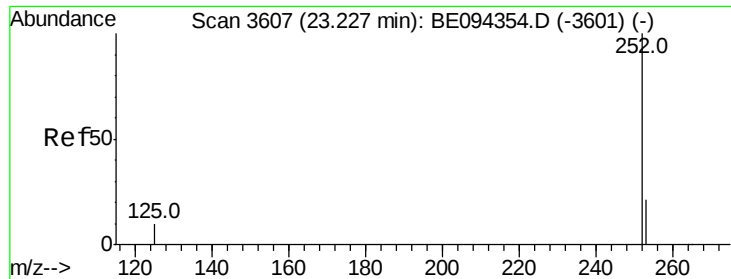
Delta R.T. -0.02 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Tgt Ion:	252	Resp:	95825
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	64.2
125	14.1	0.0	35.0





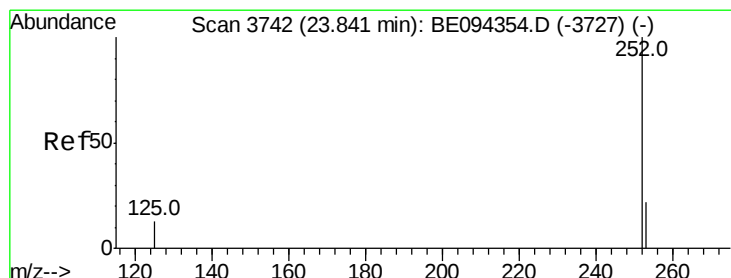
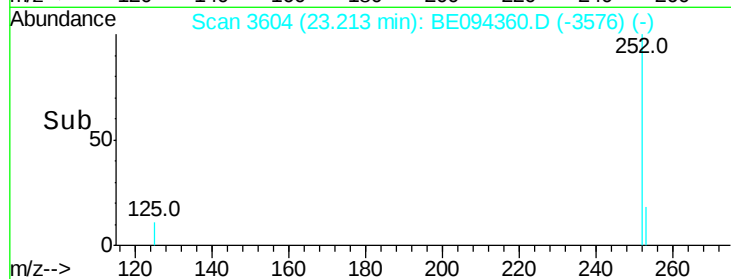
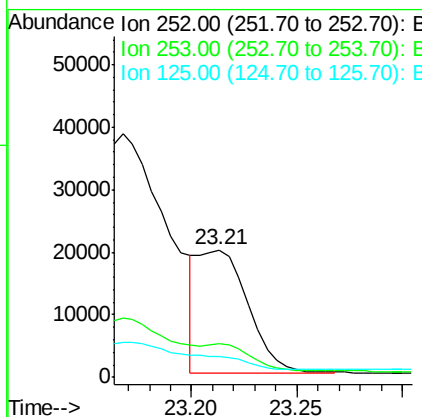
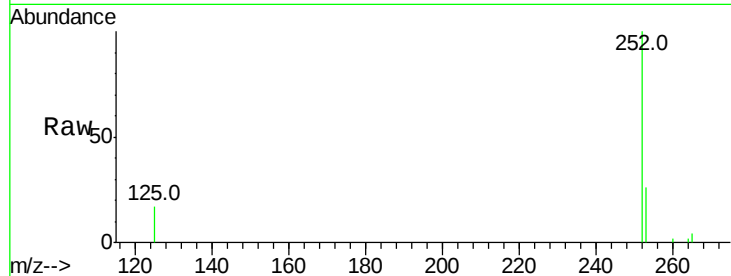
#22
Benzo(k)fluoranthene
Concen: 1.107 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.02 min
Lab File: BE094360.D
Acq: 14 Oct 2017 18:08

Instrument :
BNA_E
ClientSampleId :
B-44(0-1)_100217

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	24.5	36.7
125	16.6	13.7	20.5

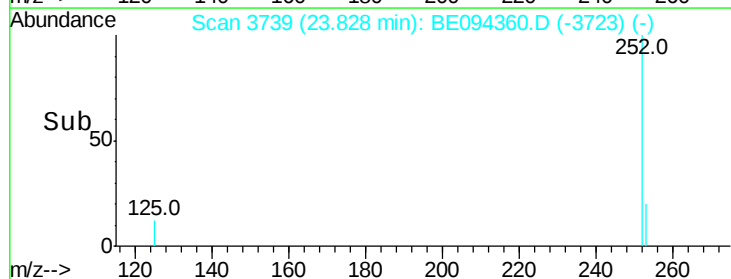
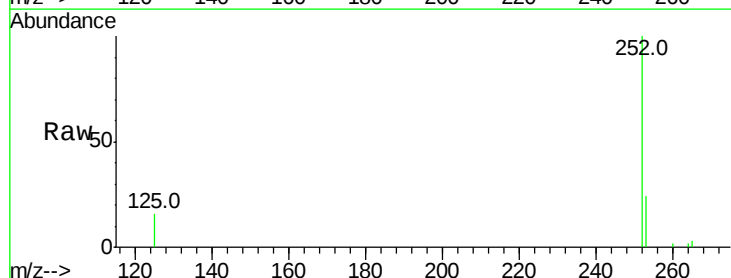
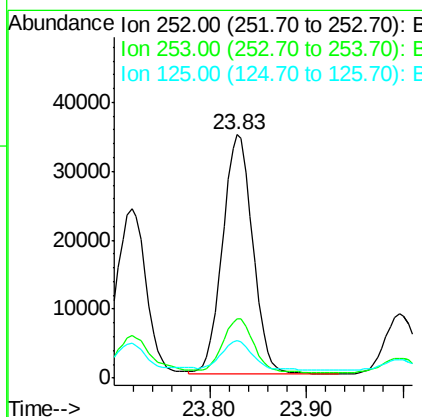
Manual Integrations
APPROVED

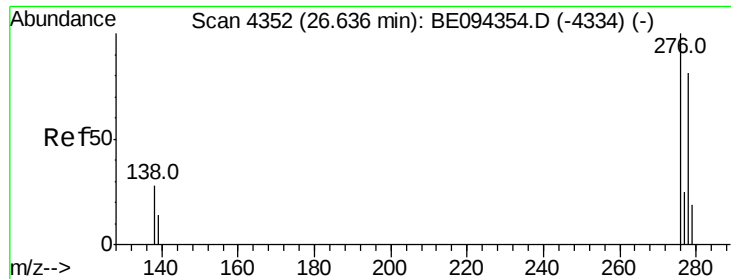
Sohil
10/16/2017 8:25:09 PM



#23
Benzo(a)pyrene
Concen: 2.880 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BE094360.D
Acq: 14 Oct 2017 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	28.5	42.7#
125	15.7	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.759 ng/ul

RT: 26.62 min Scan# 4349

Delta R.T. -0.04 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Instrument :

BNA_E

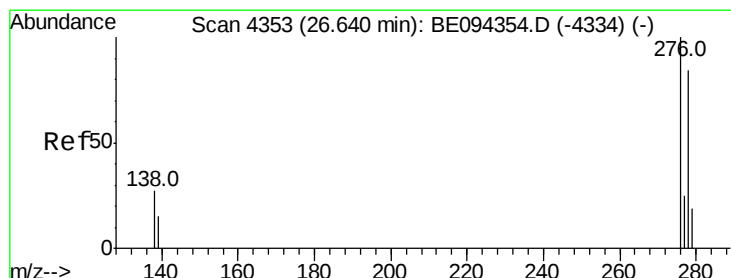
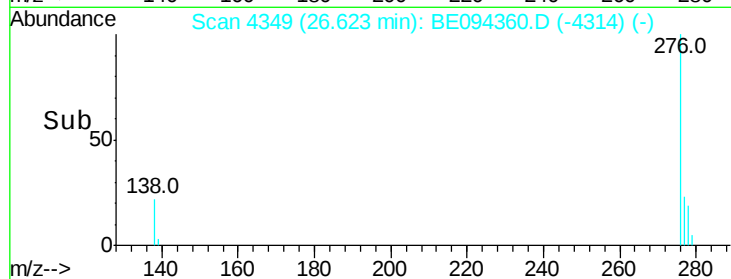
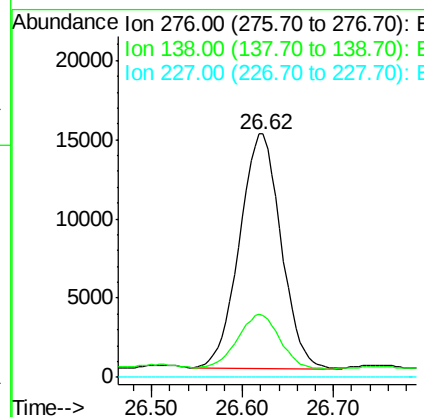
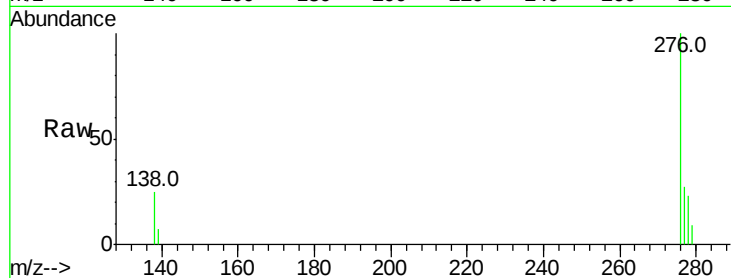
ClientSampleId :

B-44(0-1)_100217

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:09 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.520 ng/ul

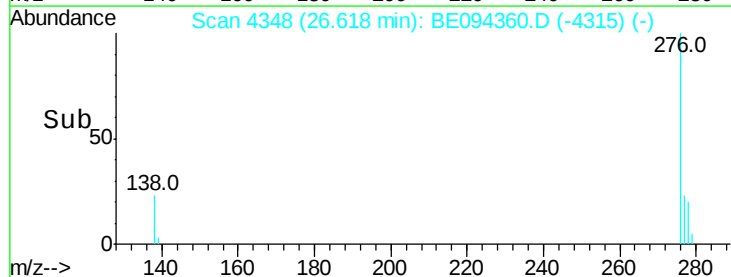
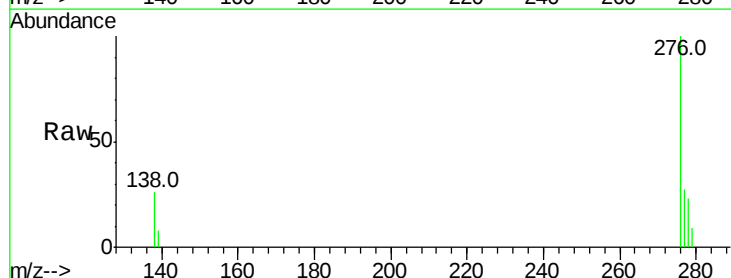
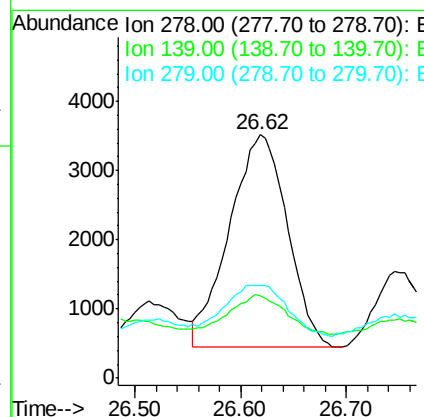
RT: 26.62 min Scan# 4348

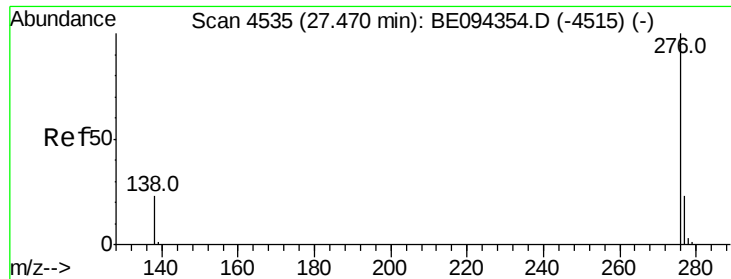
Delta R.T. -0.05 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.6	17.4	26.0#
279	38.2	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 2.107 ng/ul

RT: 27.45 min Scan# 4531

Delta R.T. -0.05 min

Lab File: BE094360.D

Acq: 14 Oct 2017 18:08

Instrument :

BNA_E

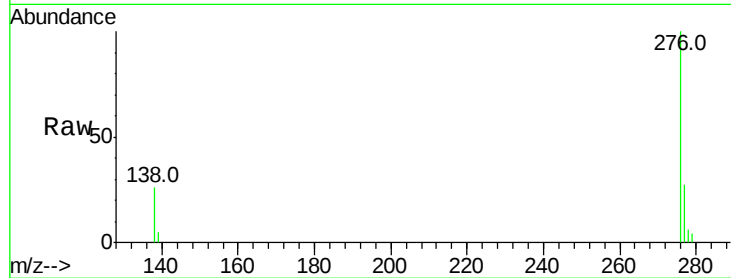
ClientSampleId :

B-44(0-1)_100217

Tot Ion:	276	Resp:	48570
Ion Ratio	Lower	Upper	
276	100		
138	26.5	21.8	32.8
277	26.9	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:09 PM



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

