

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094848.D
 Acq On : 23 Nov 2017 00:49
 Operator : SJ/JU
 Sample : I6496-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:26:03 PM

Quant Time: Nov 23 03:18:37 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	658	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.68	136	4555	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3244	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	7781	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	7856	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8679	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1618	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	5712	0.21	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.72	128	426	0.039	ng/ul#	65
5) 2-Methylnaphthalene	12.36	142	303	0.040	ng/ul	100
7) Acenaphthylene	14.22	152	581	0.039	ng/ul#	73
12) Phenanthrene	17.27	178	4553	0.218	ng/ul#	90
13) Anthracene	17.36	178	1021	0.048	ng/ul#	77
15) Fluoranthene	19.30	202	15089	0.550	ng/ul	84
17) Pyrene	19.66	202	14328	0.583	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	8916	0.373	ng/ul#	89
19) Chrysene	21.46	228	8803	0.369	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	10983m	0.425	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	4658m	0.169	ng/ul	
23) Benzo(a)pyrene	23.83	252	7628	0.297	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.66	276	4925	0.176	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.64	278	1305	0.055	ng/ul#	68
26) Benzo(g,h,i)perylene	27.50	276	3962	0.169	ng/ul#	93

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

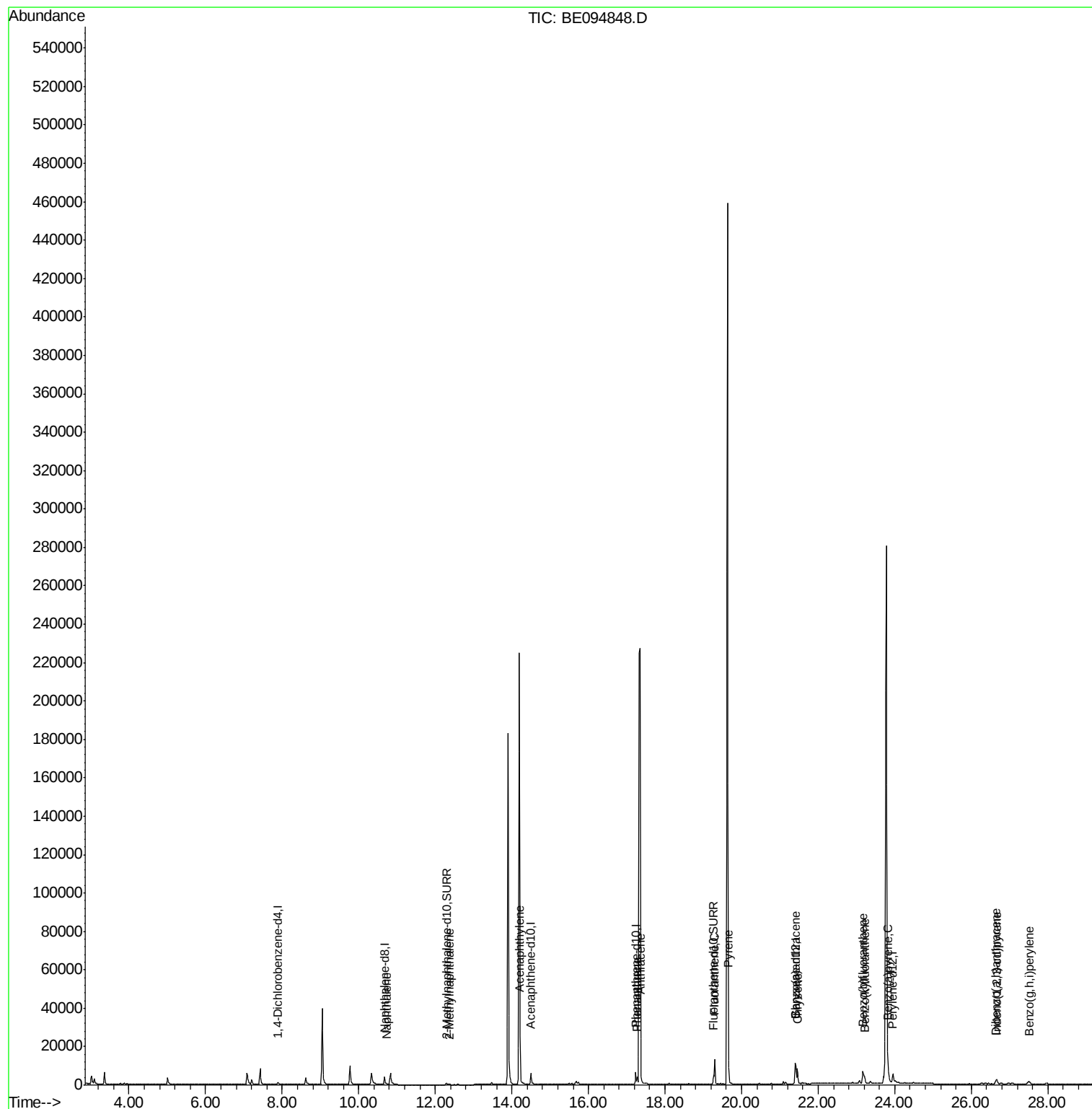
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094848.D
Acq On : 23 Nov 2017 00:49
Operator : SJ/JU
Sample : I6496-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

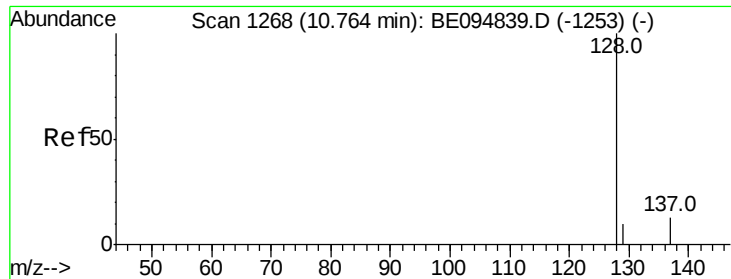
Instrument :
BNA_E
ClientSampleId :
C0AB8

Manual Integrations
APPROVED

Sohil
11/27/2017 3:26:03 PM

Quant Time: Nov 23 03:18:37 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 02:50:08 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

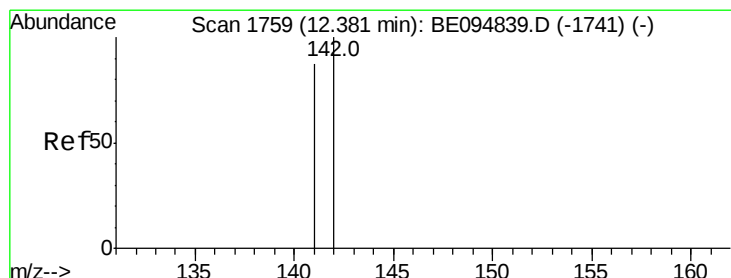
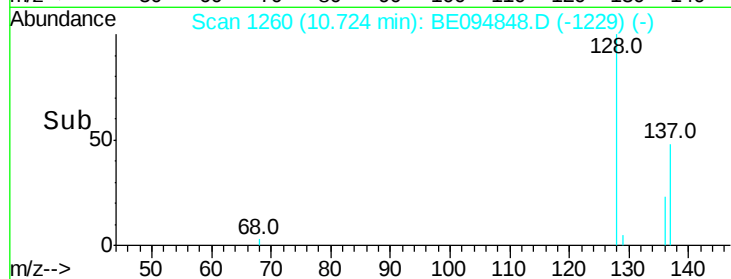
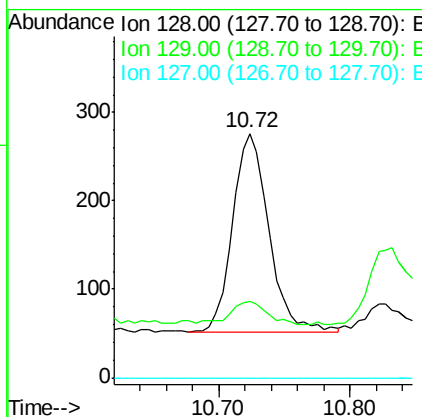
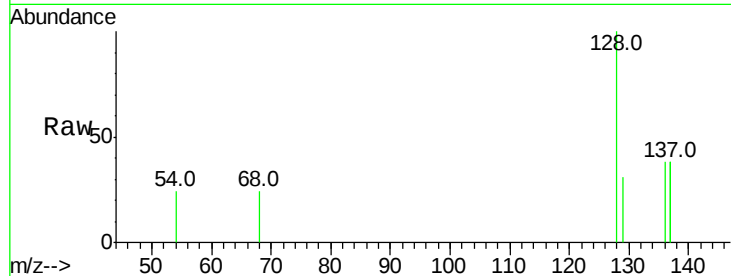
ClientSampled :

C0AB8

Tot Ion:	128	Resp:	426
Ion Ratio	Lower	Upper	
128	100		
129	31.2	11.3	16.9#
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:26:03 PM



#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

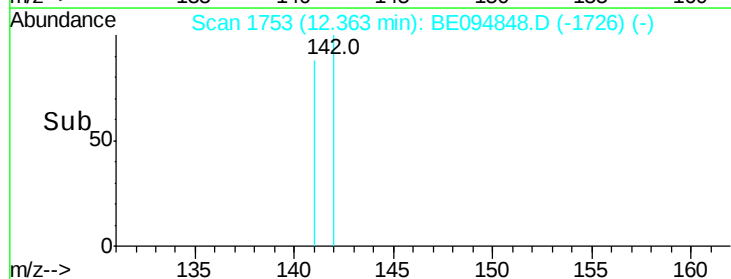
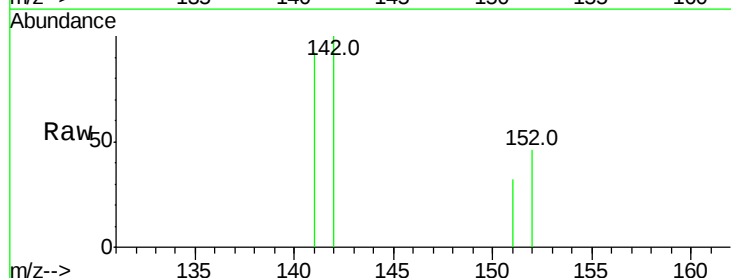
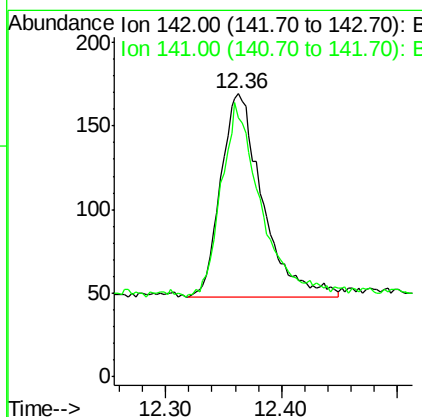
RT: 12.36 min Scan# 1753

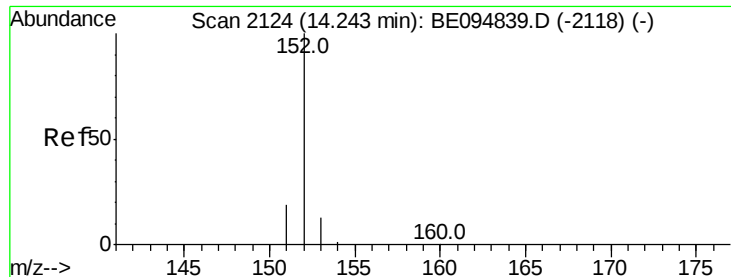
Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Tgt Ion:	142	Resp:	303
Ion Ratio	Lower	Upper	
142	100		
141	90.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.22 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

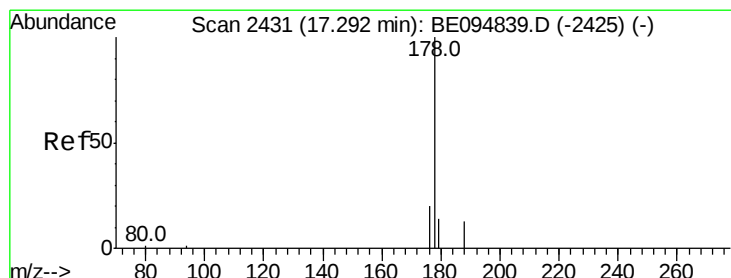
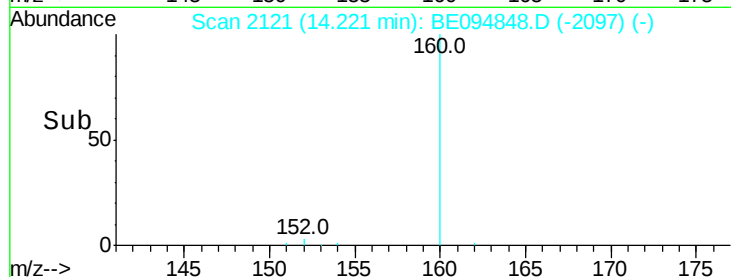
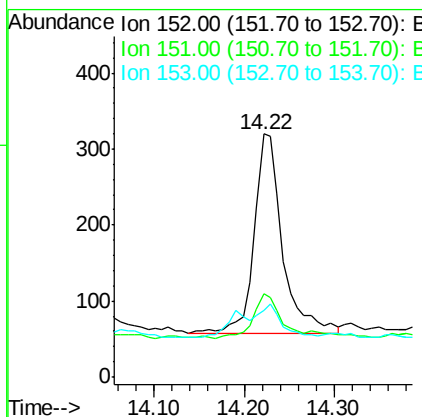
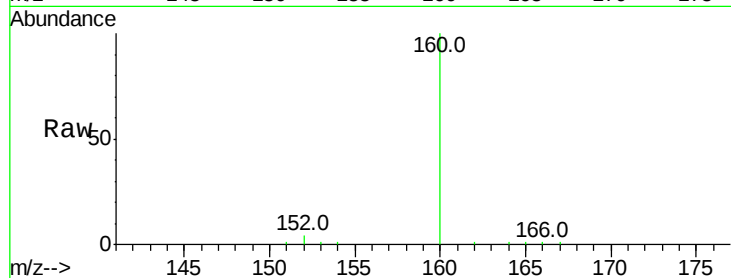
ClientSampleId :

C0AB8

Tot Ion:	152	Resp:	581
Ion Ratio	Lower	Upper	
152	100		
151	34.1	17.1	25.7#
153	27.5	12.8	19.2#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:26:03 PM



#12

Phenanthrene

Concen: 0.218 ng/ul

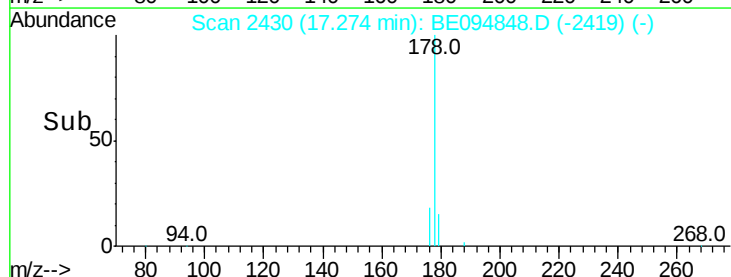
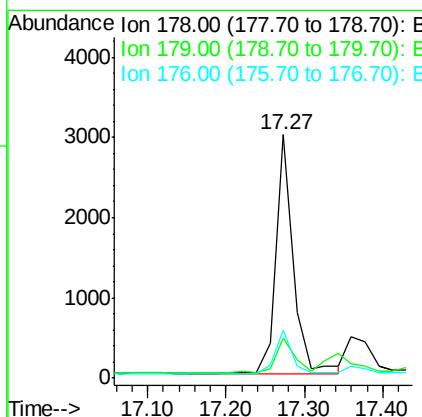
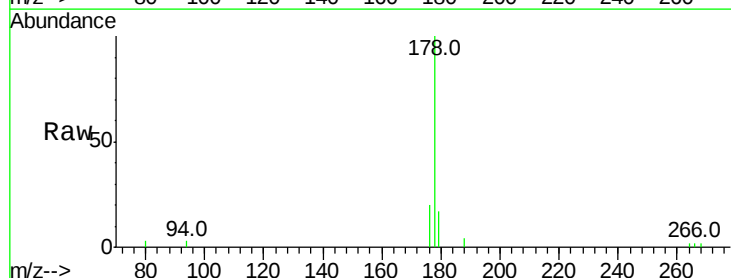
RT: 17.27 min Scan# 2430

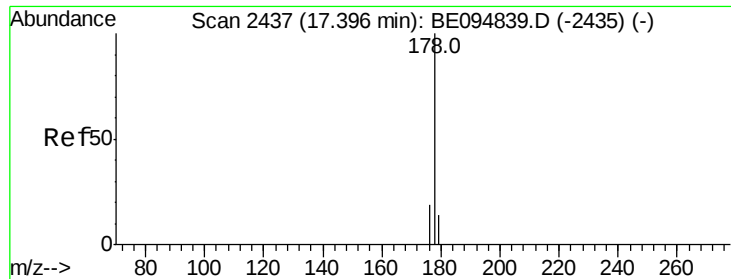
Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Tgt Ion:	178	Resp:	4553
Ion Ratio	Lower	Upper	
178	100		
179	16.6	18.4	27.6#
176	19.6	13.6	20.4





#13

Anthracene

Concen: 0.048 ng/ul

RT: 17.36 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

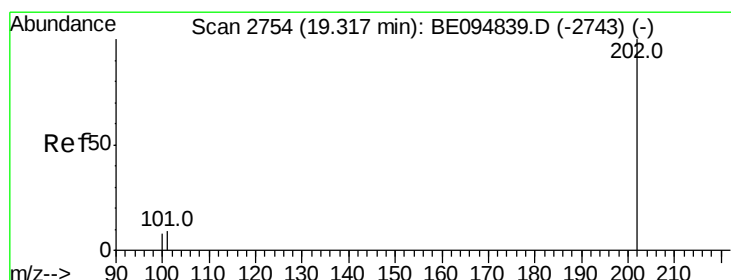
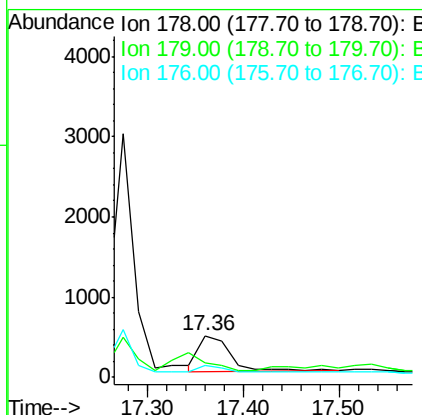
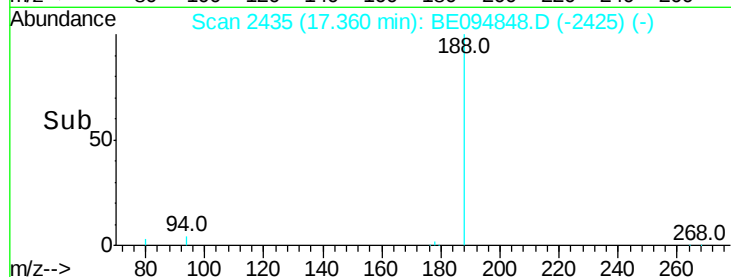
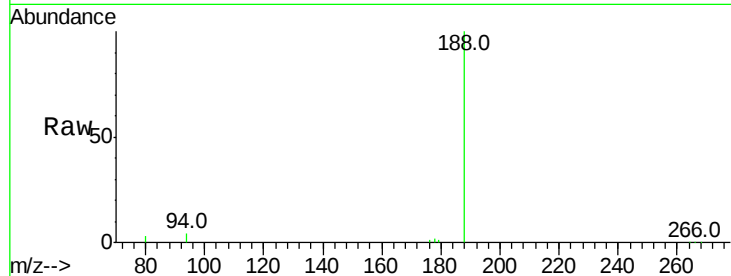
ClientSampleId :

C0AB8

Tot Ion	Ratio	Lower	Upper
178	100		
179	33.5	18.1	27.1#
176	28.5	14.7	22.1#

Manual Integrations
APPROVED

Sohil
11/27/2017 3:26:03 PM



#15

Fluoranthene

Concen: 0.550 ng/ul

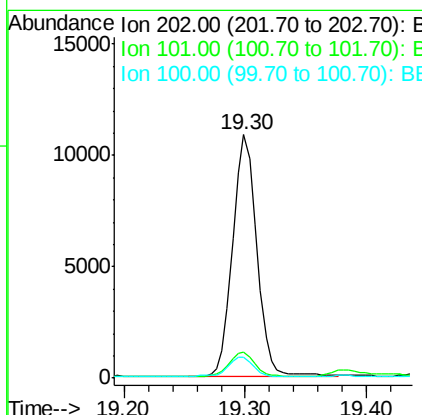
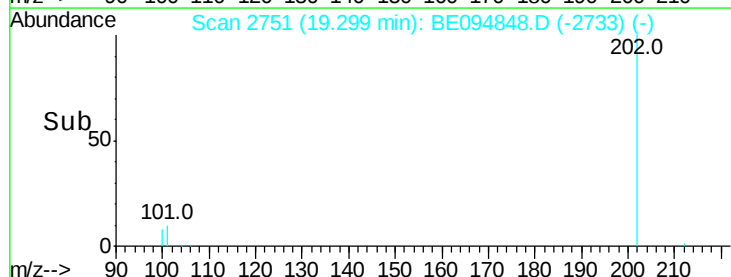
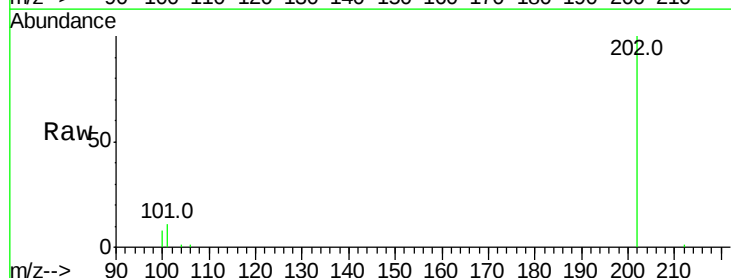
RT: 19.30 min Scan# 2751

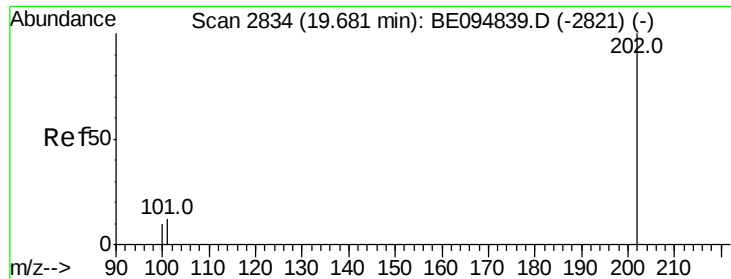
Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.4	0.0	39.5





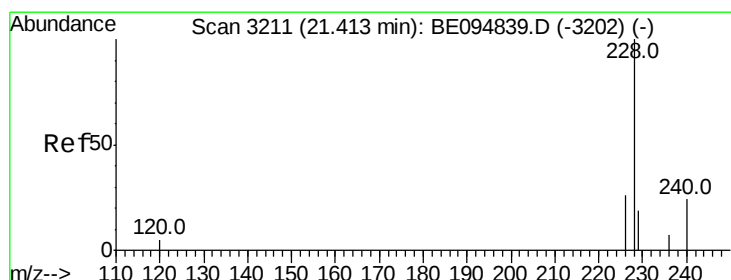
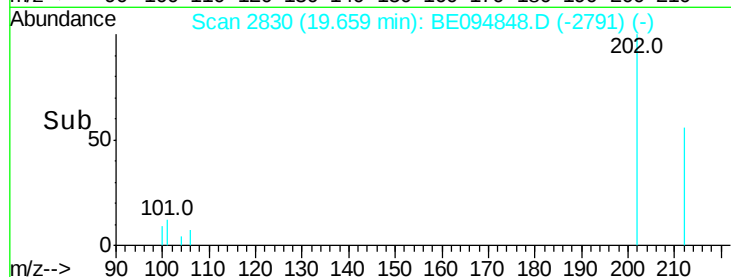
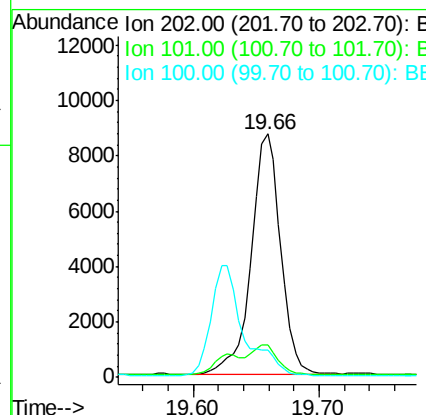
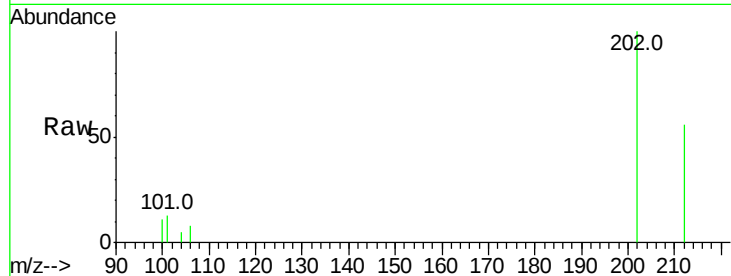
#17
Pvrene
Concen: 0.583 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

Instrument :
BNA_E
ClientSampled :
C0AB8

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	11.1	15.6	23.4#

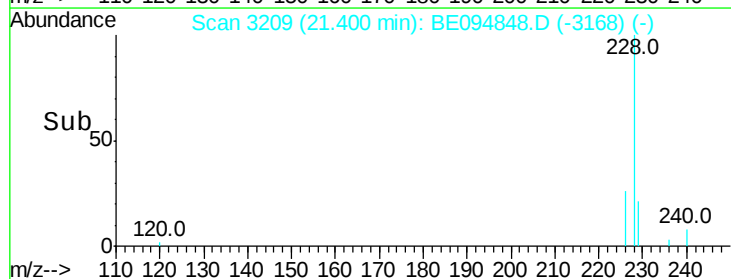
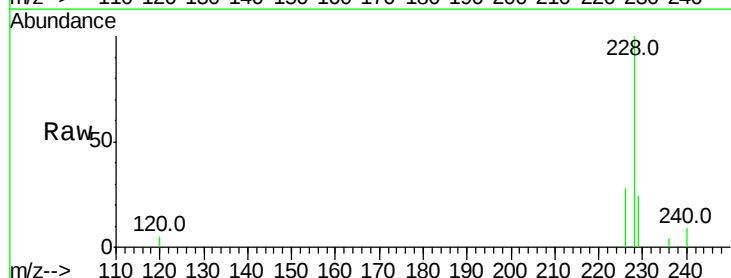
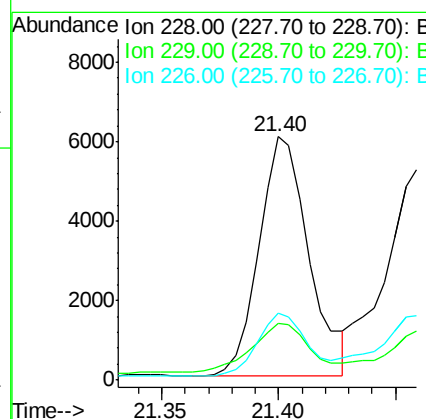
Manual Integrations
APPROVED

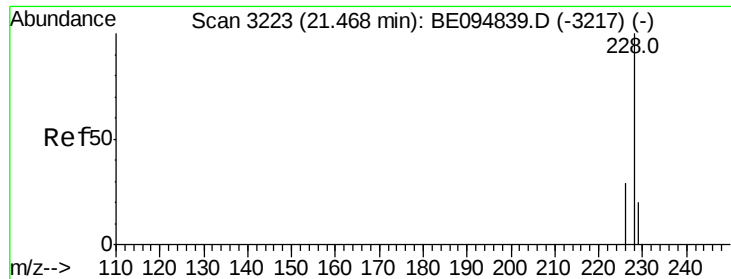
Sohil
11/27/2017 3:26:03 PM



#18
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	22.8	34.2
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 0.369 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

ClientSampleId :

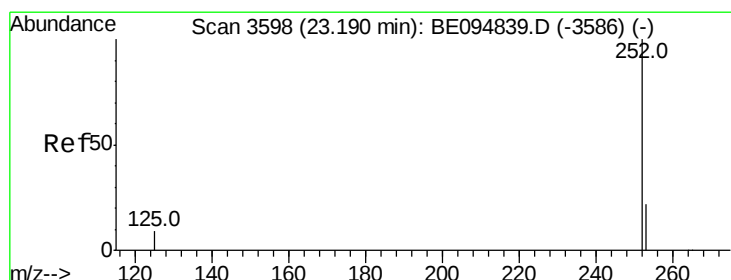
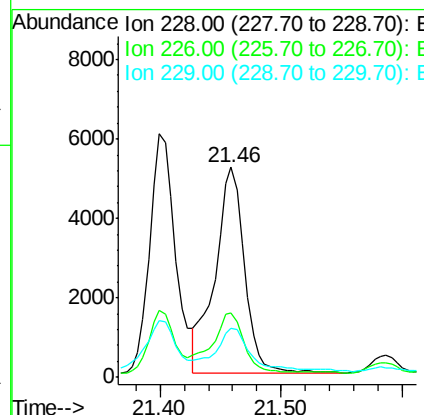
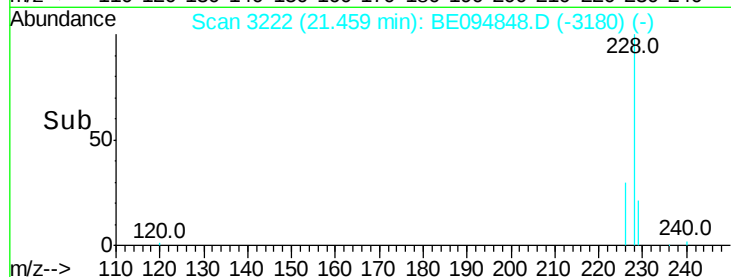
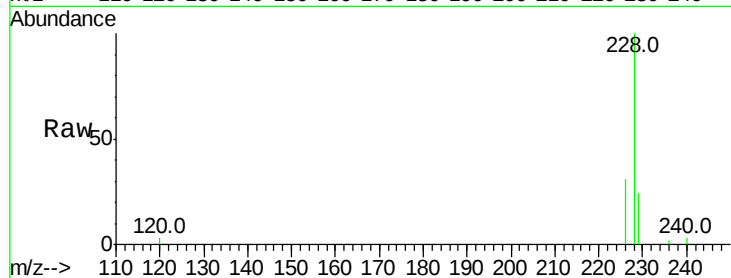
C0AB8

Tot Ion:228 Resp: 8803

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	23.6	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/27/2017 3:26:03 PM



#21

Benzo(b)fluoranthene

Concen: 0.425 ng/ul m

RT: 23.17 min Scan# 3595

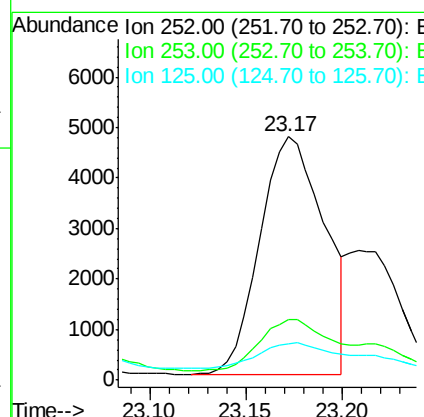
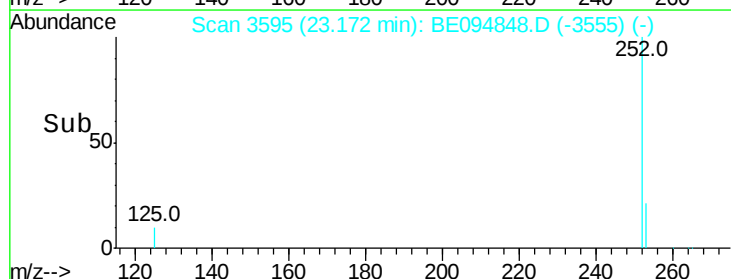
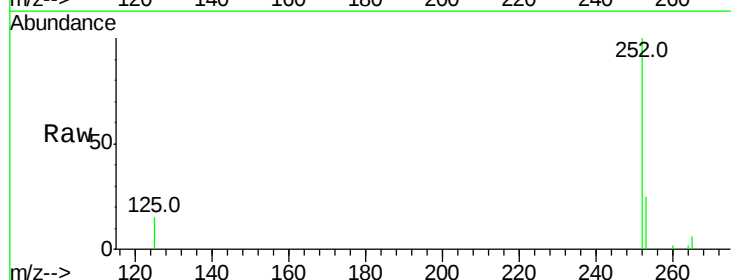
Delta R.T. -0.02 min

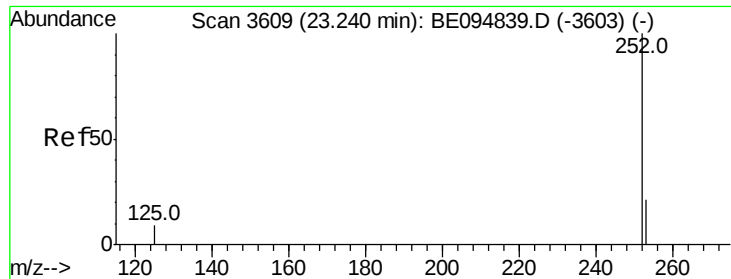
Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Tgt Ion:252 Resp: 10983

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	64.2
125	14.7	0.0	35.0





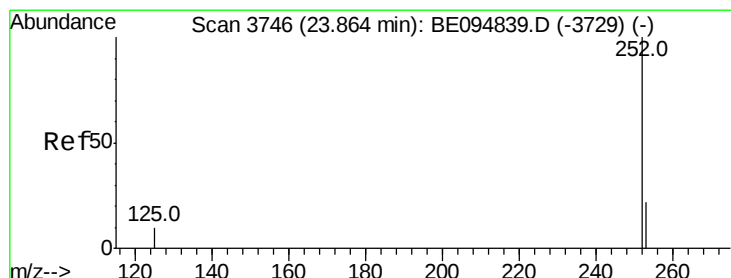
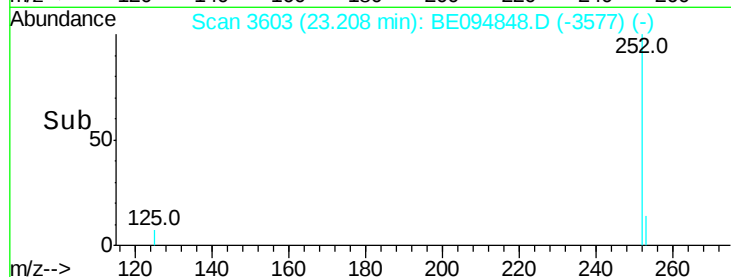
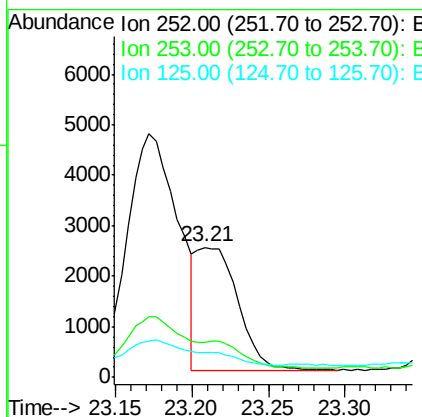
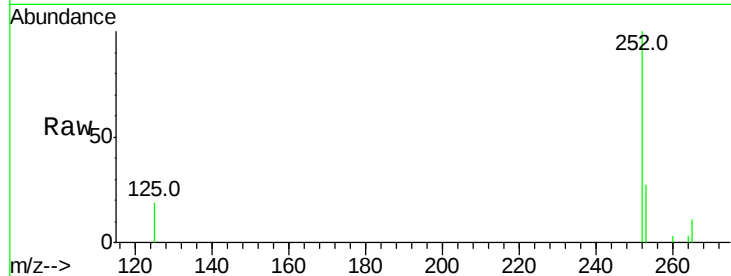
#22
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.03 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

Instrument :
BNA_E
ClientSampleId :
C0AB8

Tot Ion:252 Resp: 4658
Ion Ratio Lower Upper
252 100
253 27.3 24.5 36.7
125 19.1 13.7 20.5

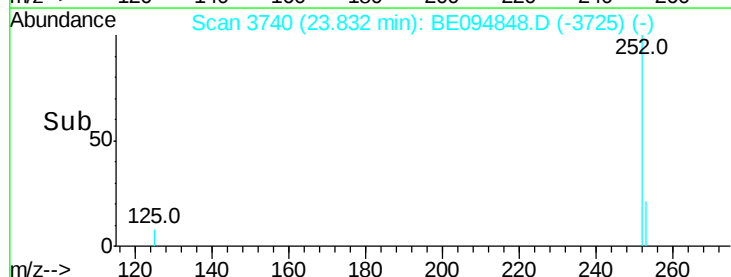
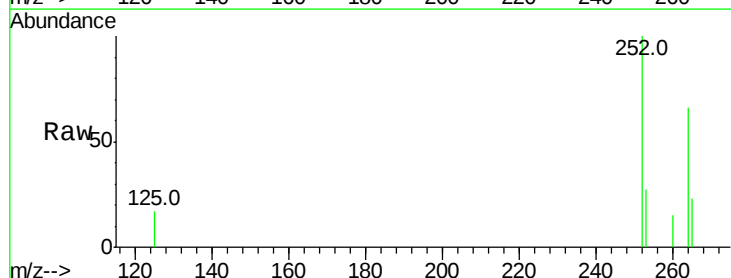
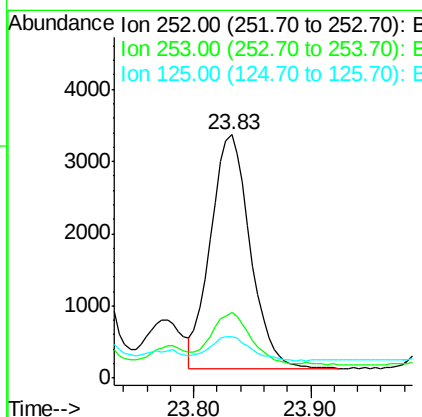
Manual Integrations
APPROVED

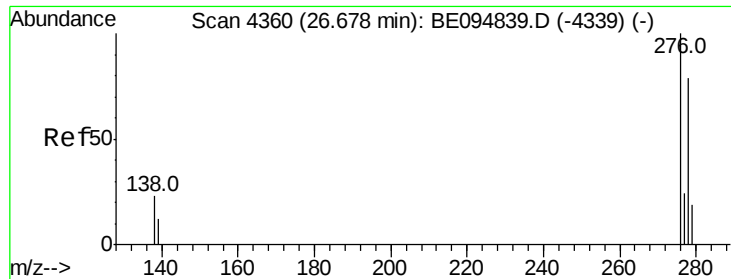
Sohil
11/27/2017 3:26:03 PM



#23
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.83 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

Tgt Ion:252 Resp: 7628
Ion Ratio Lower Upper
252 100
253 26.9 28.5 42.7#
125 17.0 18.1 27.1#





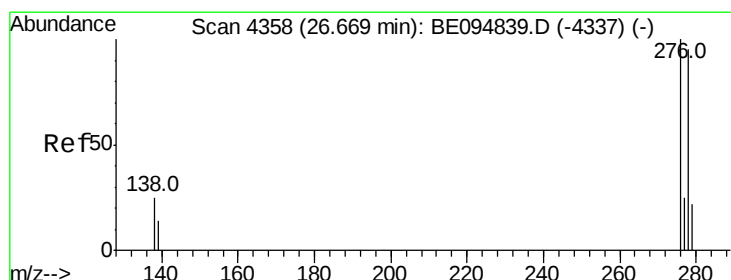
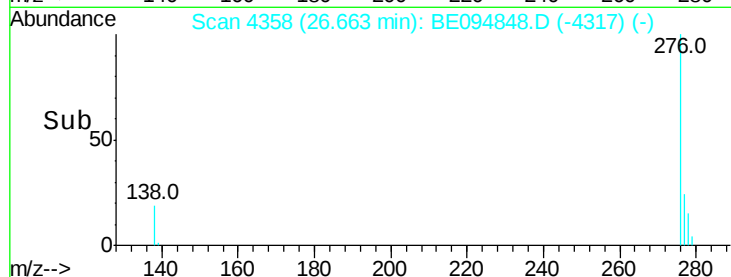
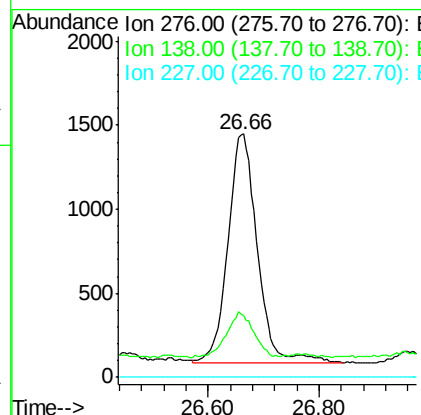
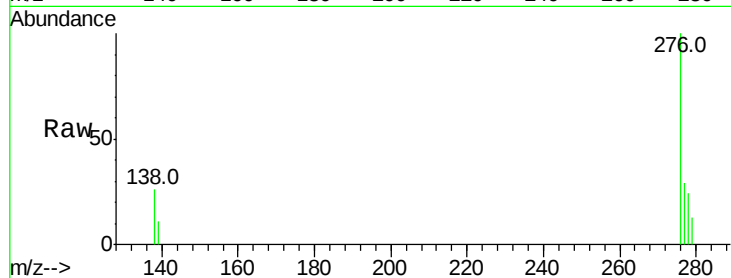
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.176 ng/ul
 RT: 26.66 min Scan# 4358
 Delta R.T. -0.02 min
 Lab File: BE094848.D
 Acq: 23 Nov 2017 00:49

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	28.0	42.0#
227	0.0	8.0	12.0#

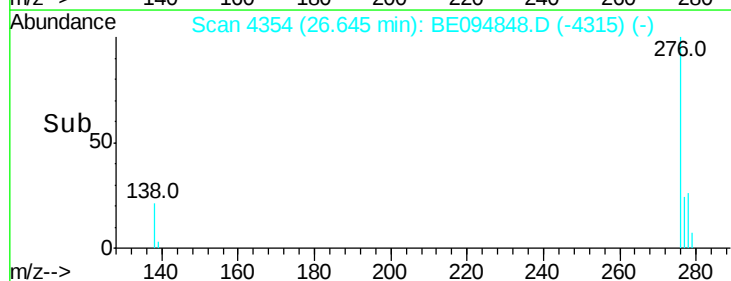
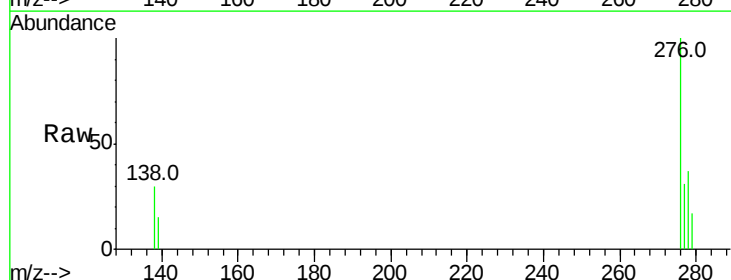
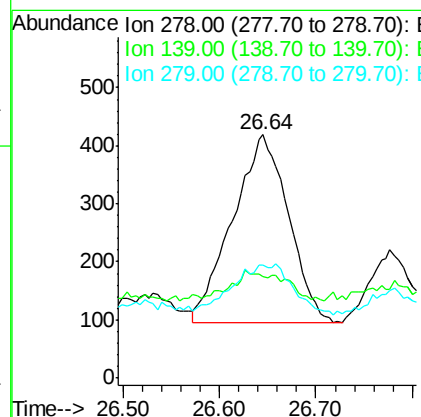
Manual Integrations
 APPROVED

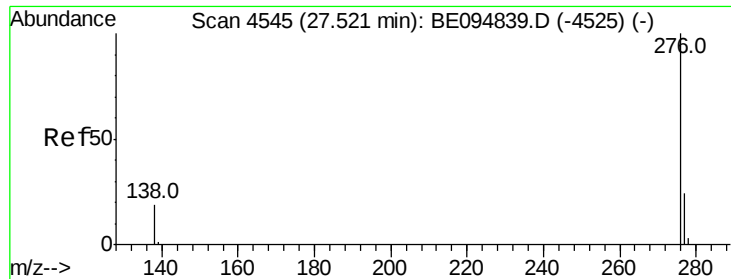
Sohil
 11/27/2017 3:26:03 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.055 ng/ul
 RT: 26.64 min Scan# 4354
 Delta R.T. -0.02 min
 Lab File: BE094848.D
 Acq: 23 Nov 2017 00:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.8	17.4	26.0#
279	46.3	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 0.169 ng/ul
 RT: 27.50 min Scan# 4542
 Delta R.T. -0.02 min
 Lab File: BE094848.D
 Acq: 23 Nov 2017 00:49

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.3	21.8	32.8
277	31.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:26:03 PM

