

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094298.D
 Acq On : 12 Oct 2017 2:37
 Operator : SJ/JU
 Sample : I5490-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-58(1-2)-092717

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:00 PM

Quant Time: Oct 12 09:21:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8464	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5105	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10100	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9671	0.40	ng/ul	0.01
20) Perylene-d12	23.99	264	8231m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3791	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	8983	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	202636	9.774	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	66435	4.940	ng/ul	98
7) Acenaphthylene	14.26	152	7017	0.353	ng/ul#	88
8) Acenaphthene	14.60	153	2950	0.180	ng/ul	90
9) Fluorene	15.58	166	4350	0.227	ng/ul#	75
12) Phenanthrene	17.31	178	100507	3.808	ng/ul#	91
13) Anthracene	17.39	178	23702	0.923	ng/ul	93
15) Fluoranthene	19.32	202	222814	6.425	ng/ul	84
17) Pyrene	19.69	202	217904	8.098	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	131126	5.111	ng/ul#	90
19) Chrysene	21.48	228	194996	6.581	ng/ul#	91
21) Benzo(b)fluoranthene	23.21	252	203859	9.117	ng/ul	88
22) Benzo(k)fluoranthene	23.25	252	67280m	2.603	ng/ul	
23) Benzo(a)pyrene	23.88	252	112672m	4.849	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.72	276	67210m	2.828	ng/ul	
25) Dibenzo(a,h)anthracene	26.72	278	19098m	0.958	ng/ul	
26) Benzo(a,h,i)perylene	27.57	276	62991m	3.073	ng/ul	

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

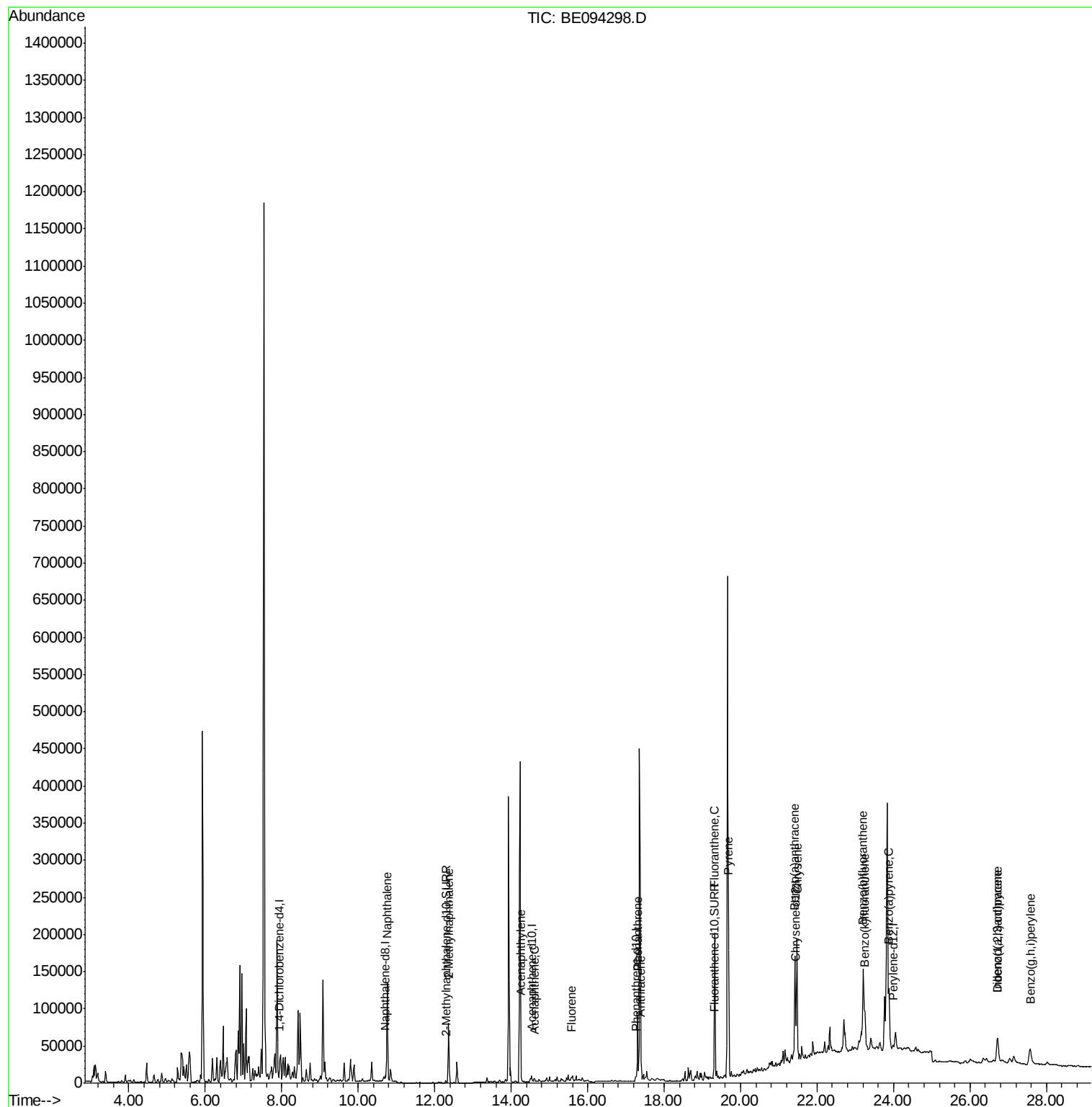
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094298.D
Acq On : 12 Oct 2017 2:37
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

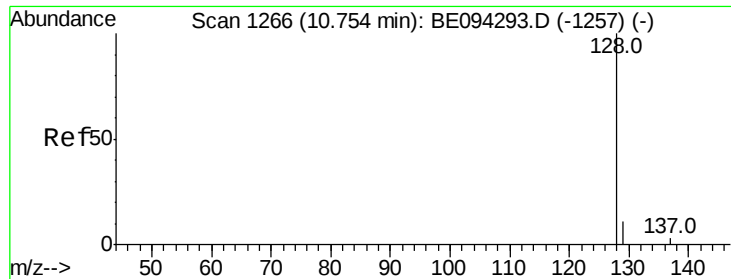
Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:00 PM

Quant Time: Oct 12 09:21:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 9.774 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

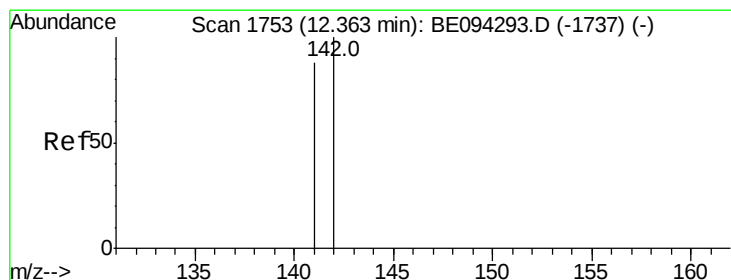
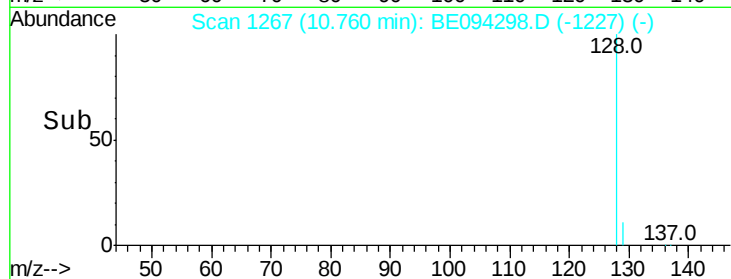
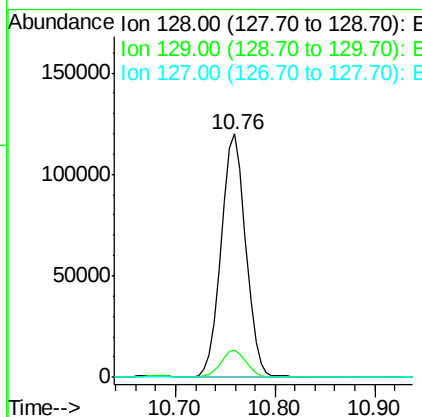
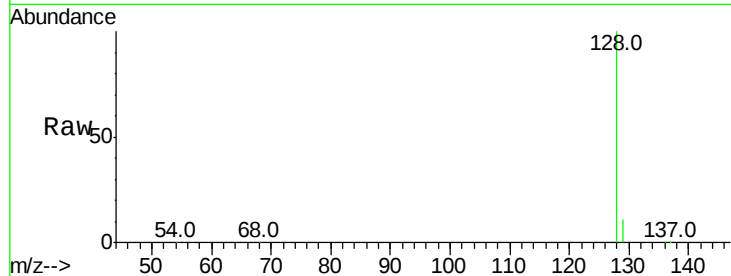
ClientSampleId :

B-58(1-2)-092717

Tot Ion:	128	Resp:	202636
Ion Ratio	Lower	Upper	
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:00 PM



#5

2-Methylnaphthalene

Concen: 4.940 ng/ul

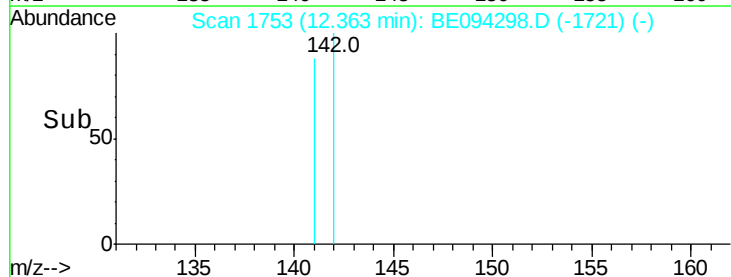
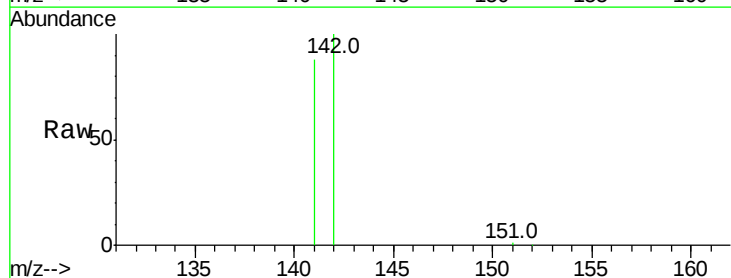
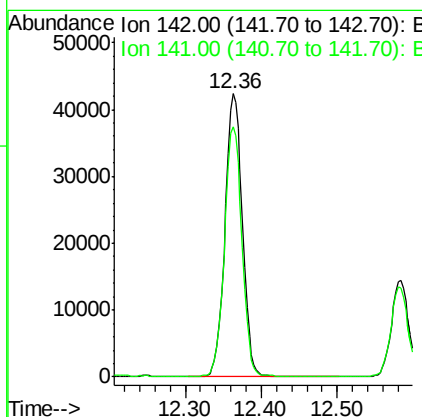
RT: 12.36 min Scan# 1753

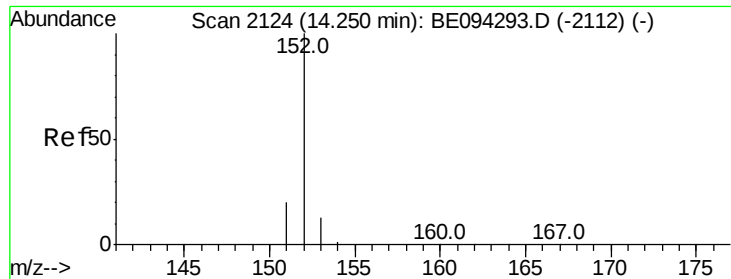
Delta R.T. -0.00 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Tgt Ion:	142	Resp:	66435
Ion Ratio	Lower	Upper	
142	100		
141	89.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.353 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

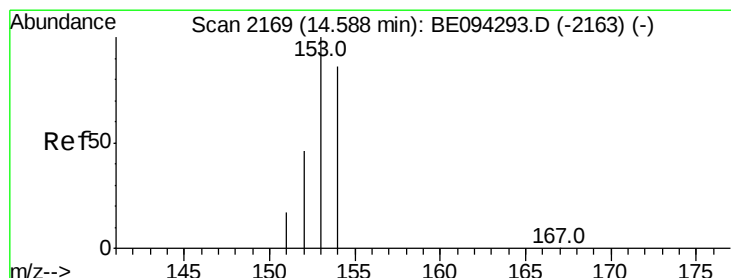
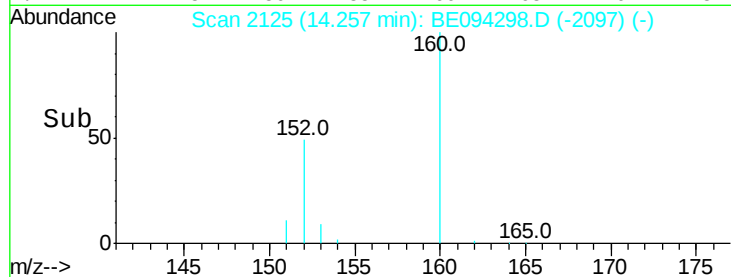
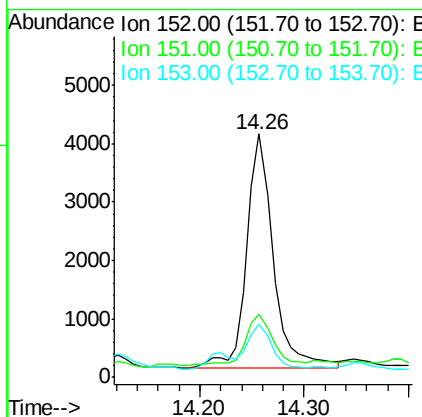
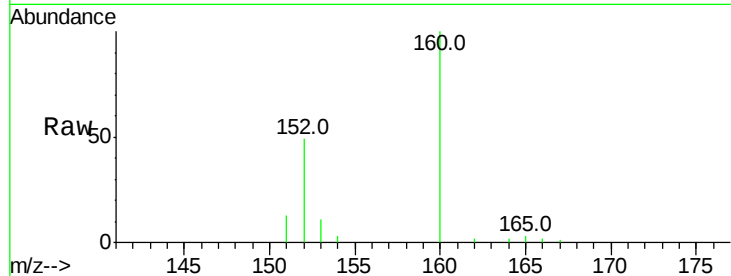
ClientSampleId :

B-58(1-2)-092717

Tot Ion:	152	Resp:	7017
Ion Ratio	Lower	Upper	
152	100		
151	26.0	17.1	25.7#
153	21.9	12.8	19.2#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:00 PM



#8

Acenaphthene

Concen: 0.180 ng/ul

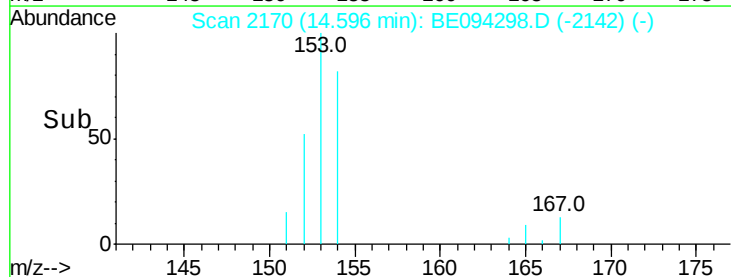
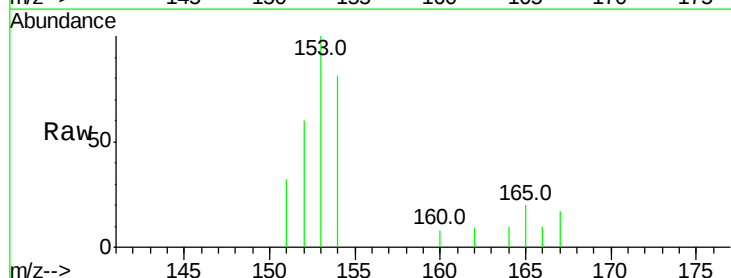
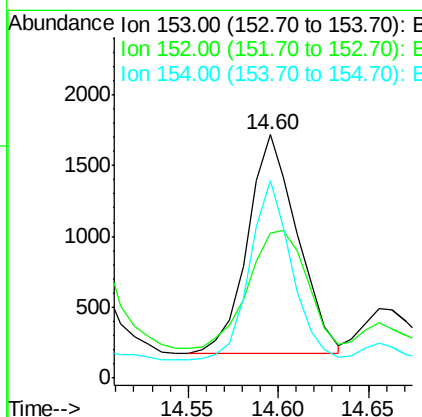
RT: 14.60 min Scan# 2170

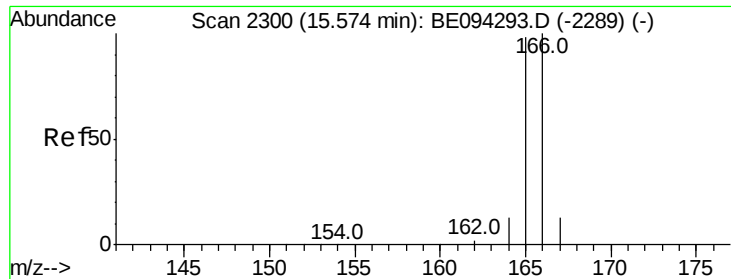
Delta R.T. 0.01 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Tgt Ion:	153	Resp:	2950
Ion Ratio	Lower	Upper	
153	100		
152	59.7	40.3	60.5
154	81.1	71.4	107.2





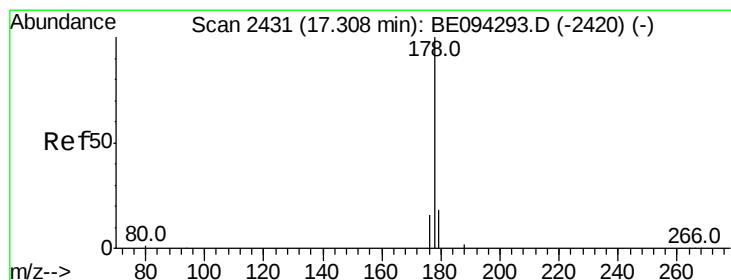
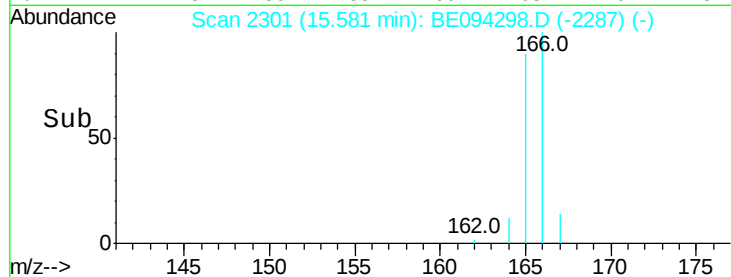
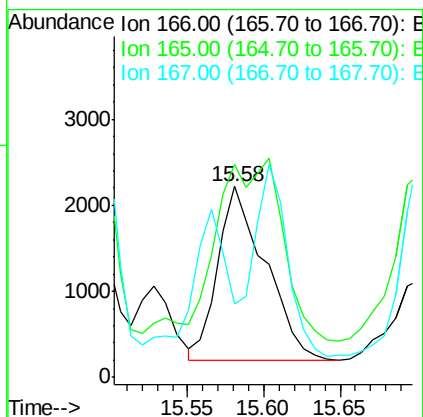
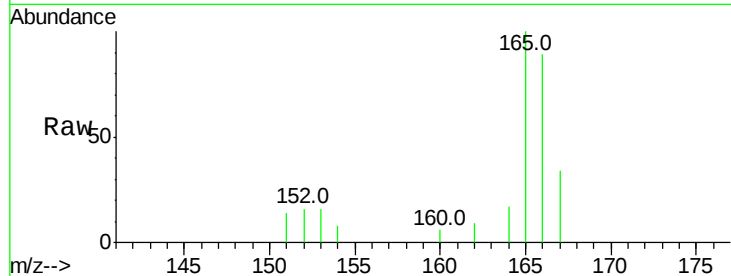
#9
Fluorene
Concen: 0.227 ng/ul
RT: 15.58 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717

Tot Ion	Ratio	Lower	Upper
166	100		
165	111.9	73.4	110.2#
167	38.5	14.6	22.0#

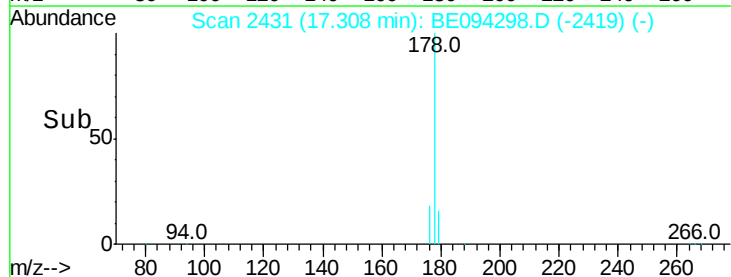
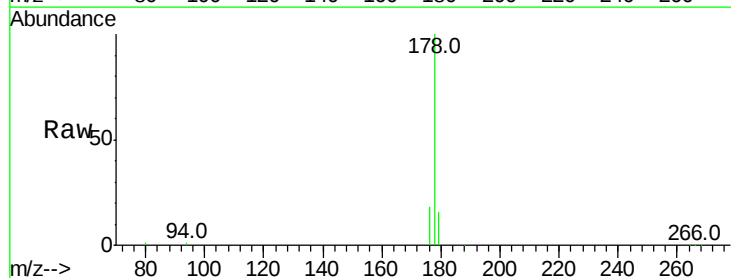
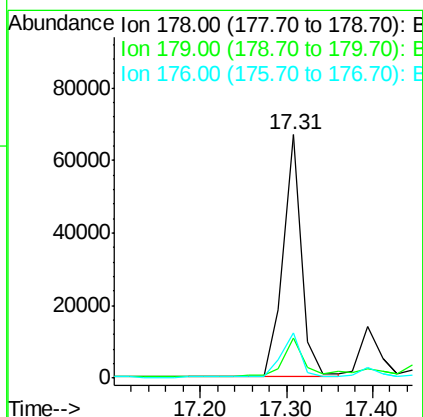
Manual Integrations
APPROVED

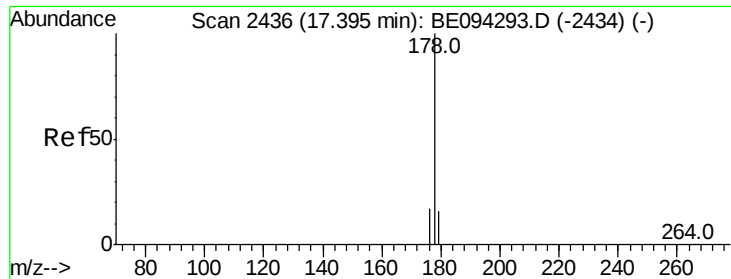
Sohil
10/13/2017 12:06:00 PM



#12
Phenanthrene
Concen: 3.808 ng/ul
RT: 17.31 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.4	27.6#
176	18.4	13.6	20.4





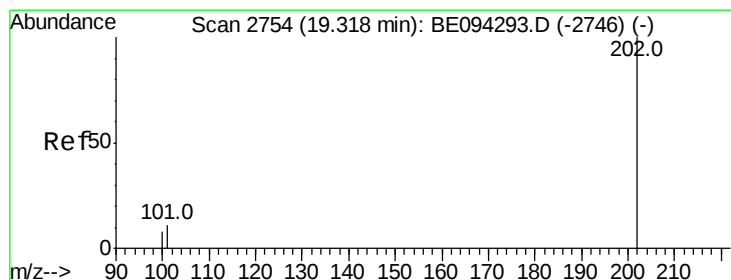
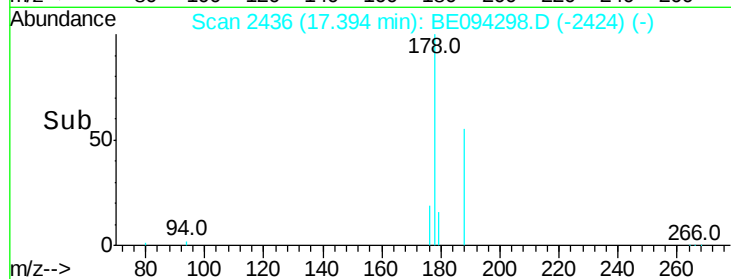
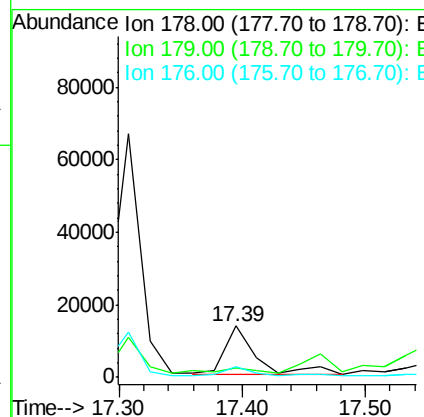
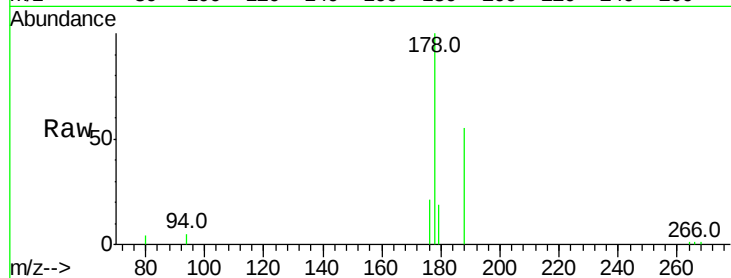
#13
 Anthracene
 Concen: 0.923 ng/ul
 RT: 17.39 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094298.D
 Acq: 12 Oct 2017 2:37

Instrument :
 BNA_E
 ClientSampleId :
 B-58(1-2)-092717

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.8	18.1	27.1
176	21.2	14.7	22.1

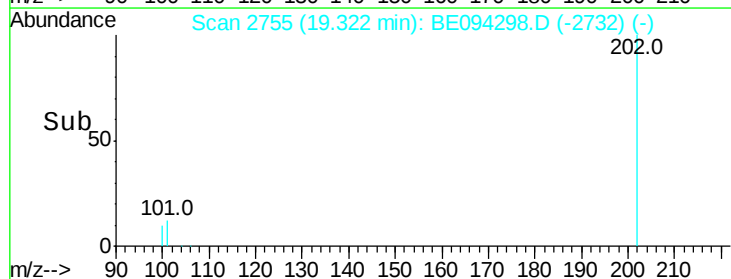
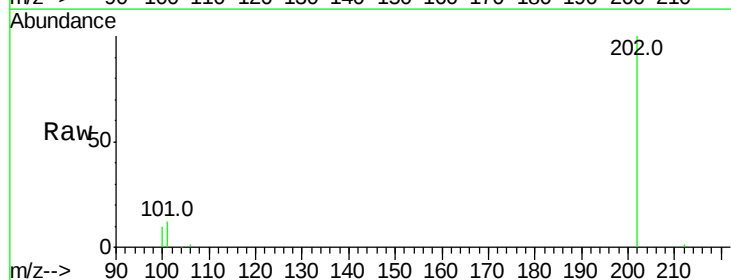
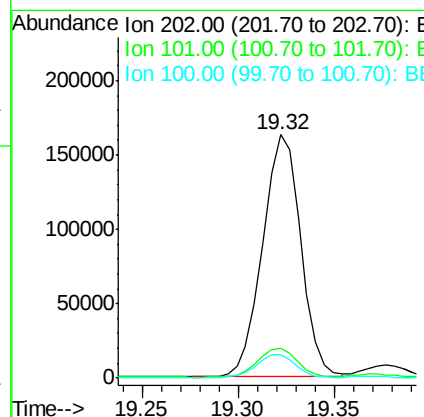
Manual Integrations
 APPROVED

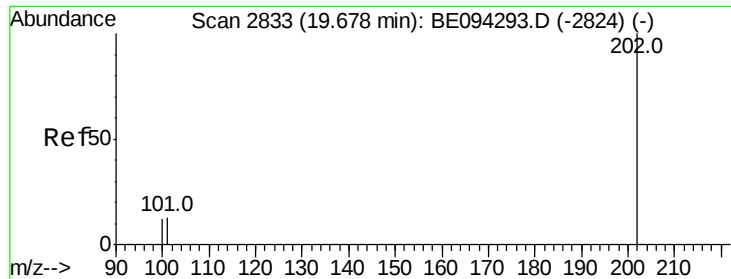
Sohil
 10/13/2017 12:06:00 PM



#15
 Fluoranthene
 Concen: 6.425 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE094298.D
 Acq: 12 Oct 2017 2:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	9.8	0.0	39.5





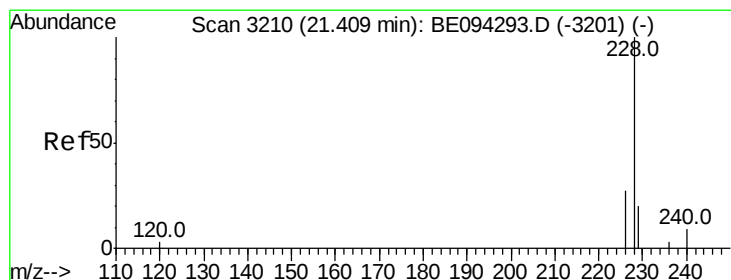
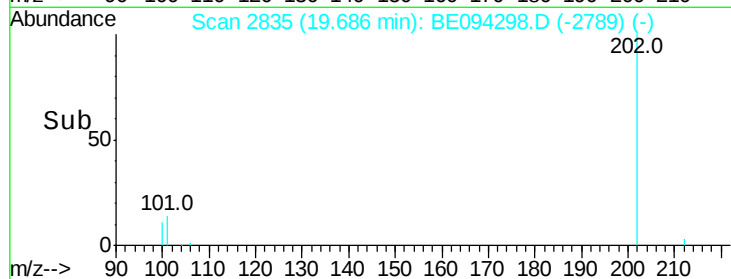
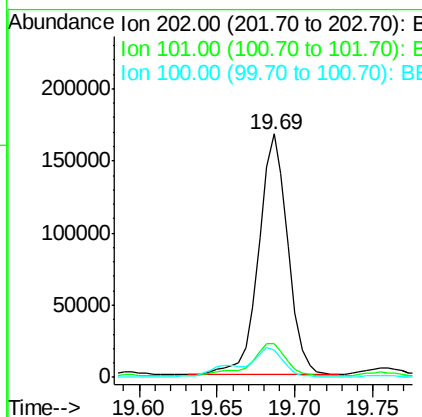
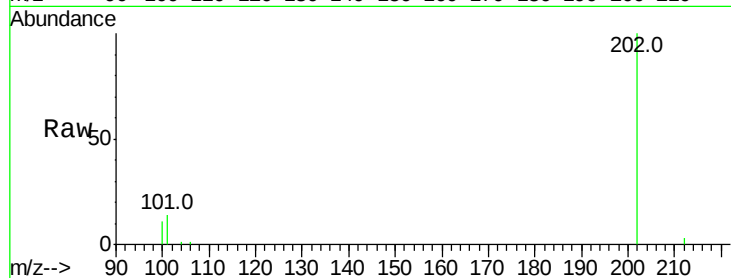
#17
Pvrene
Concen: 8.098 ng/ul
RT: 19.69 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	18.2	27.4#
100	11.4	15.6	23.4#

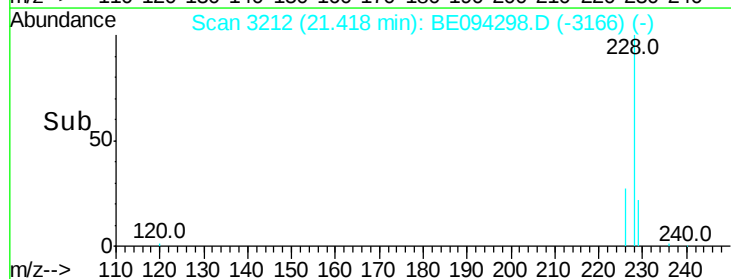
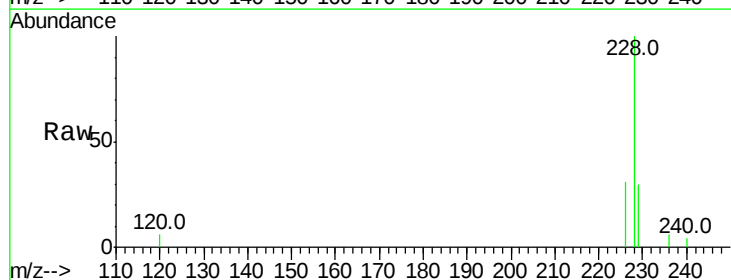
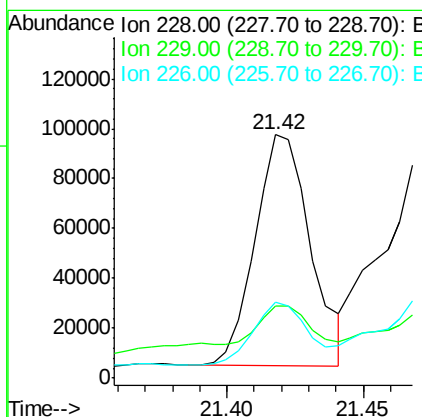
Manual Integrations
APPROVED

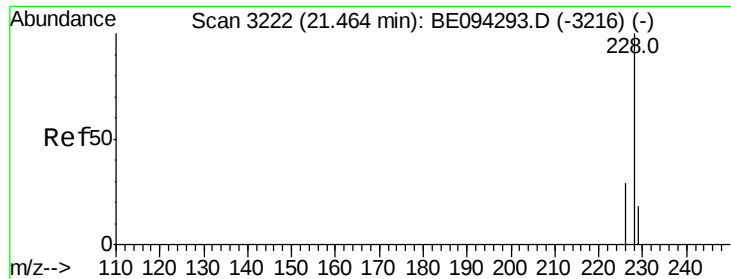
Sohil
10/13/2017 12:06:00 PM



#18
Benzo(a)anthracene
Concen: 5.111 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	29.6	22.8	34.2
226	31.1	17.0	25.6#





#19

Chrysene

Concen: 6.581 ng/ul

RT: 21.48 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

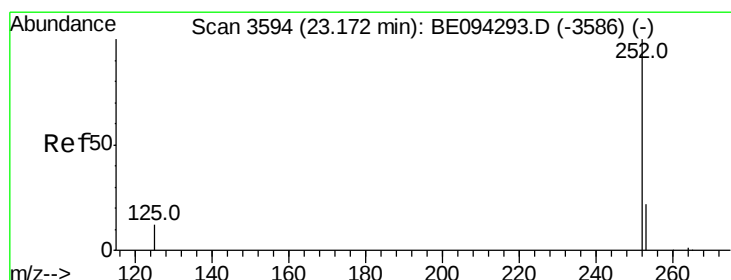
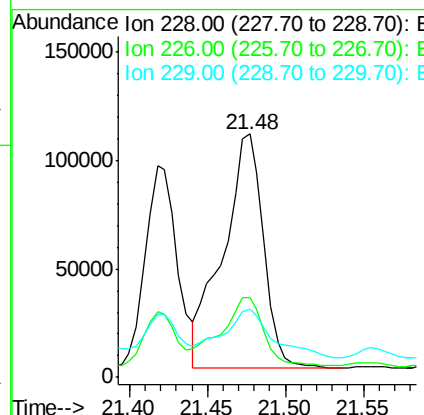
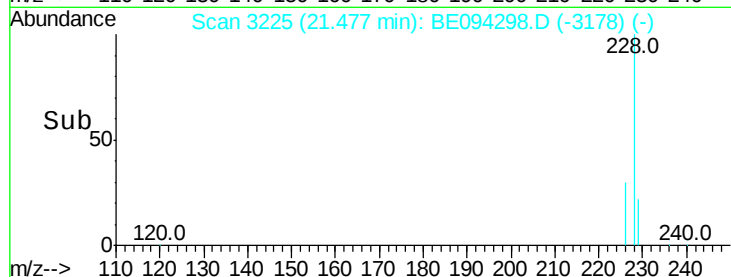
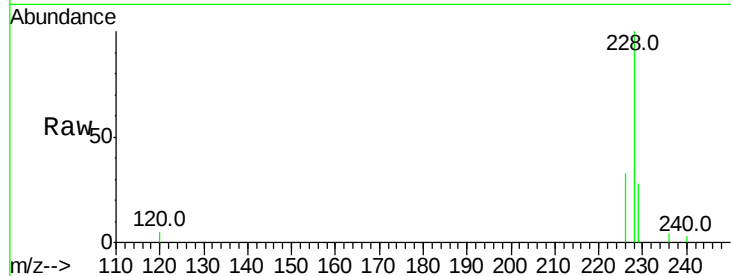
ClientSampleId :

B-58(1-2)-092717

Tot Ion:	228	Resp:	194996
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.4	35.0
229	27.9	17.7	26.5#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:00 PM



#21

Benzo(b)fluoranthene

Concen: 9.117 ng/ul

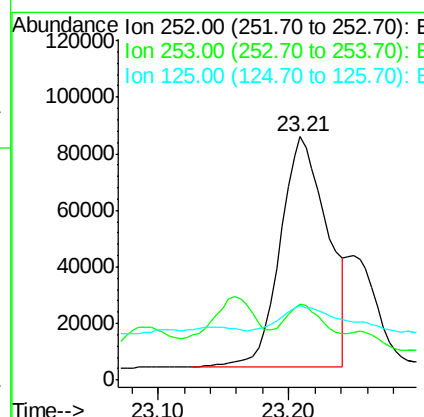
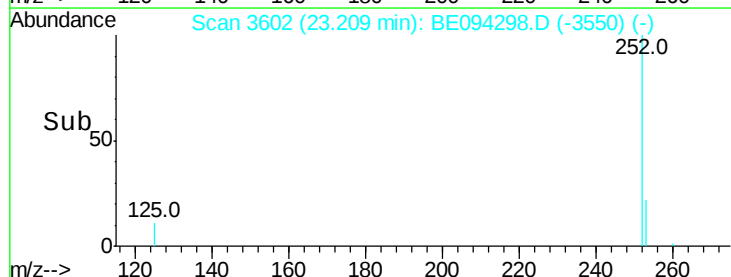
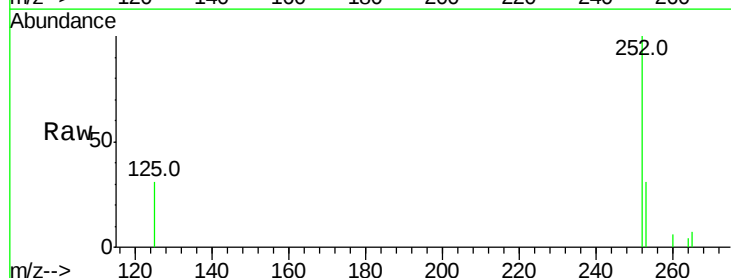
RT: 23.21 min Scan# 3602

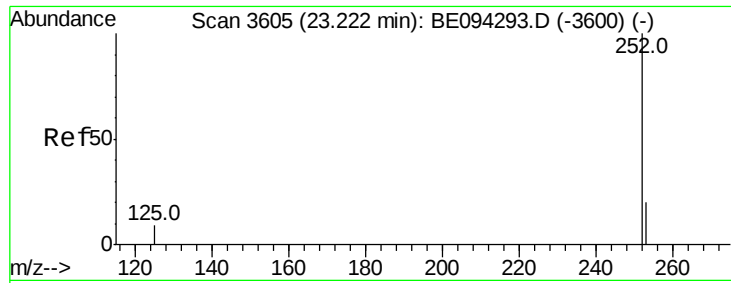
Delta R.T. 0.04 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Tgt Ion:	252	Resp:	203859
Ion Ratio	Lower	Upper	
252	100		
253	31.0	0.0	64.2
125	30.6	0.0	35.0





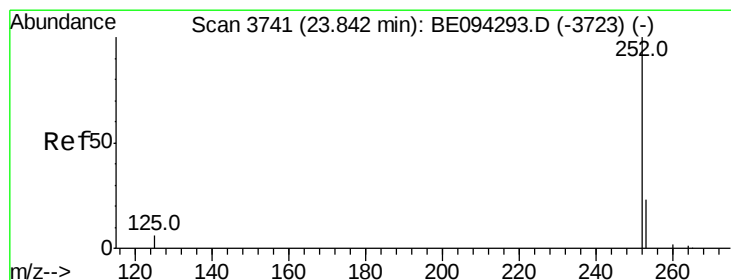
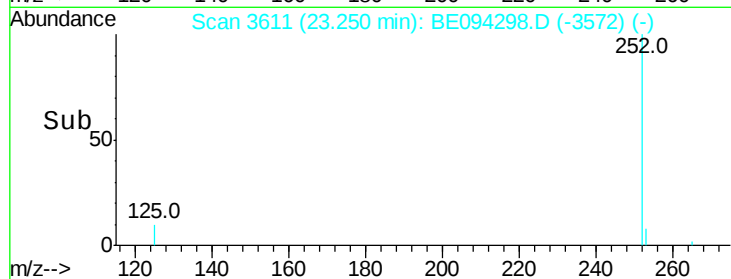
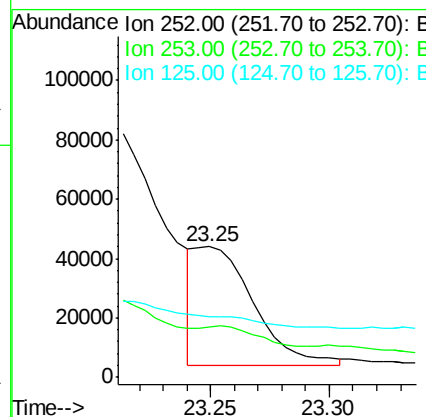
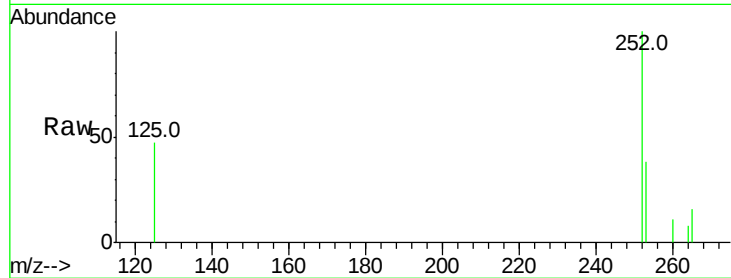
#22
Benzo(k)fluoranthene
Concen: 2.603 ng/ul m
RT: 23.25 min Scan# 3611
Delta R.T. 0.03 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.3	24.5	36.7#
125	46.7	13.7	20.5#

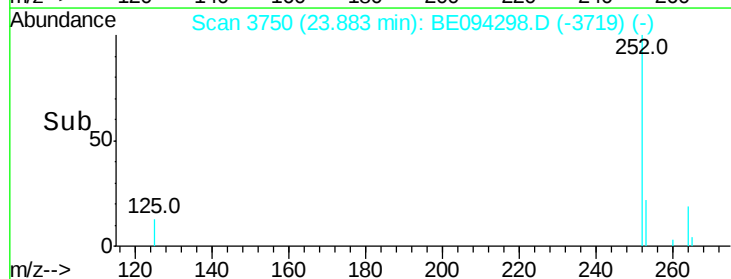
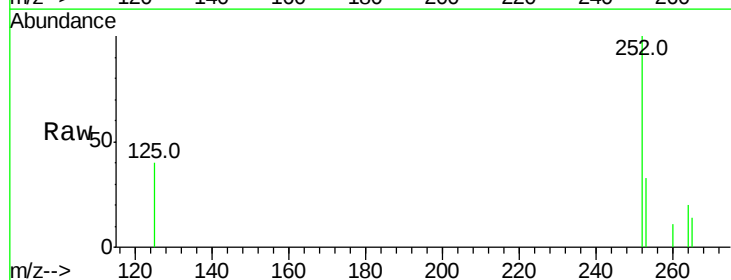
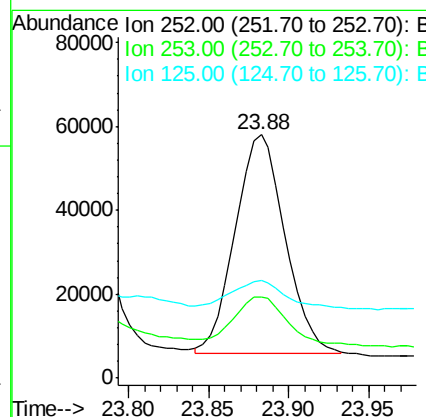
Manual Integrations
APPROVED

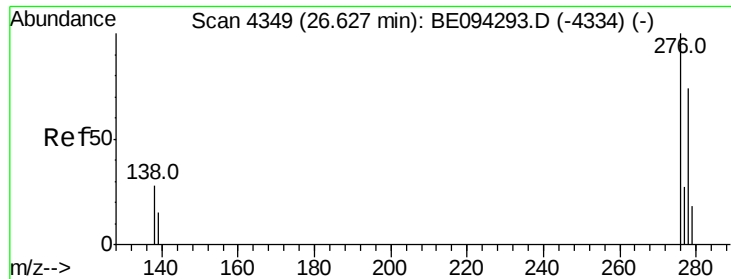
Sohil
10/13/2017 12:06:00 PM



#23
Benzo(a)pyrene
Concen: 4.849 ng/ul m
RT: 23.88 min Scan# 3750
Delta R.T. 0.04 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.5	28.5	42.7
125	40.0	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.828 ng/ul m

RT: 26.72 min Scan# 4370

Delta R.T. 0.10 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

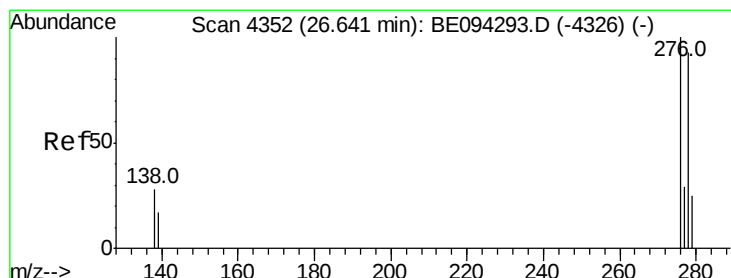
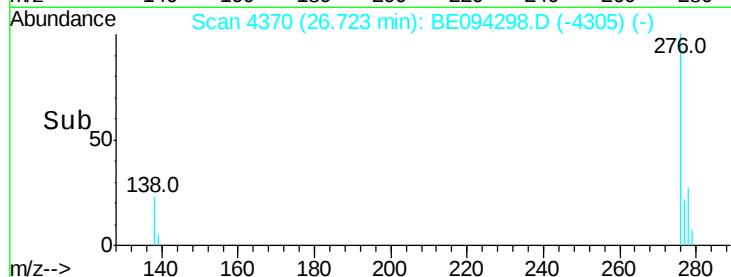
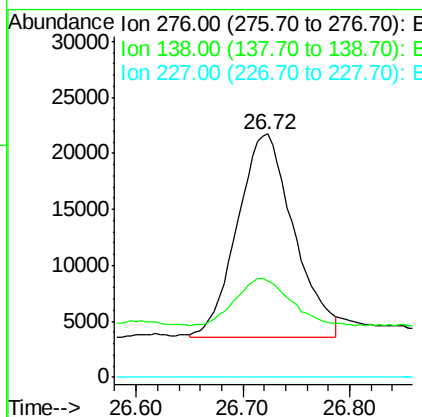
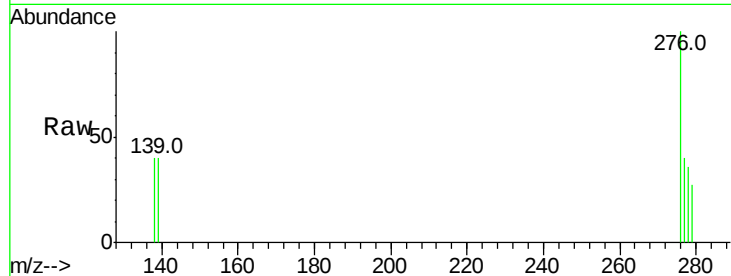
ClientSampleId :

B-58(1-2)-092717

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.4	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:00 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.958 ng/ul m

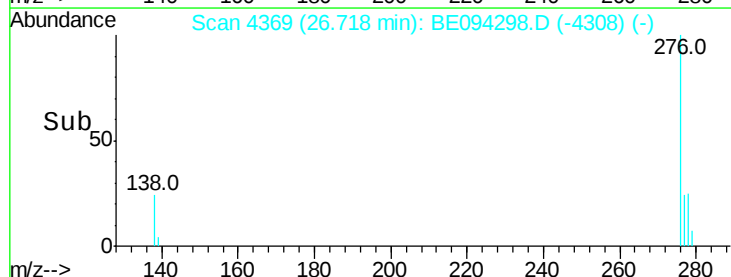
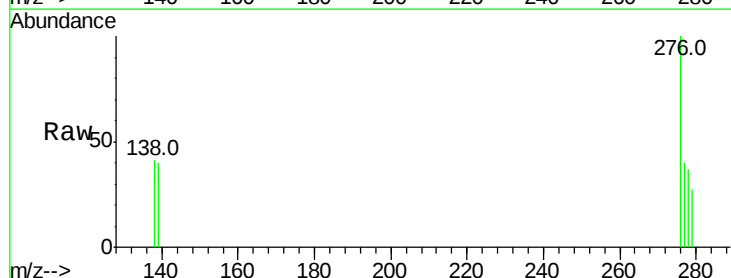
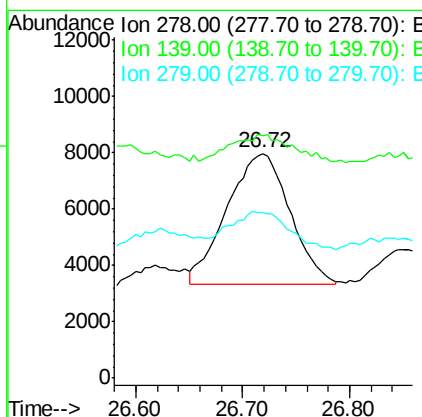
RT: 26.72 min Scan# 4369

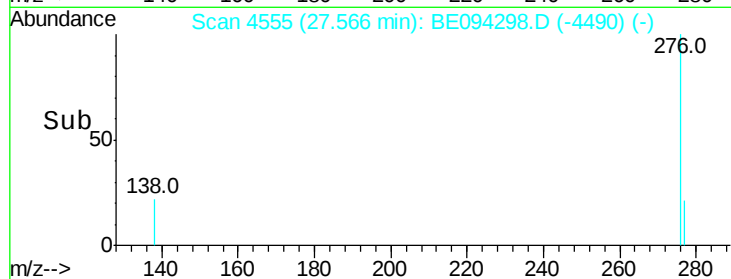
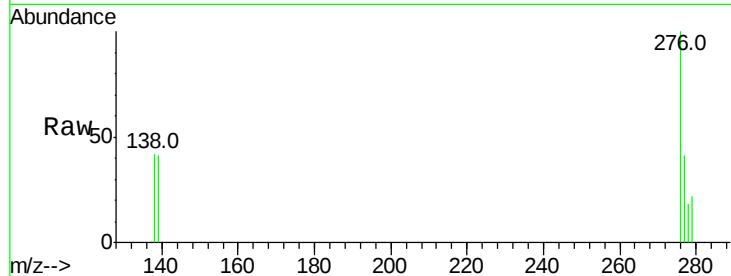
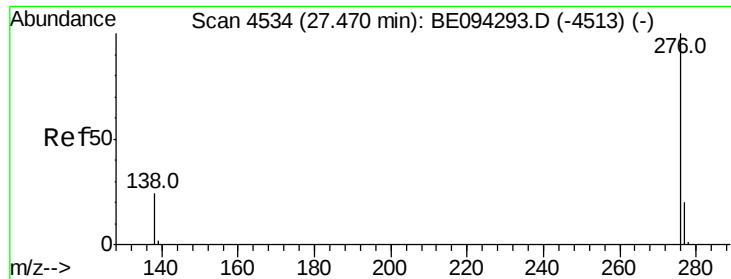
Delta R.T. 0.08 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	107.8	17.4	26.0#
279	73.7	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 3.073 ng/ul m

RT: 27.57 min Scan# 4555

Delta R.T. 0.10 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

ClientSampleId :

B-58(1-2)-092717

Tot Ion	Ratio	Resp	Lower	Upper
276	100	62991		
138	42.4		21.8	32.8#
277	41.5		20.5	30.7#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:00 PM

