

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094285.D
 Acq On : 11 Oct 2017 18:36
 Operator : SJ/JU
 Sample : I5490-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:27:44 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 07:31:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1825	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9299	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5430	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11070	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	11536	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	10648m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2669	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	6263m	0.17	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	6116	0.269	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	2870	0.194	ng/ul	99
7) Acenaphthylene	14.24	152	6647	0.314	ng/ul	98
8) Acenaphthene	14.57	153	3618	0.208	ng/ul	97
9) Fluorene	15.57	166	4967	0.243	ng/ul	93
12) Phenanthrene	17.29	178	90931	3.143	ng/ul#	92
13) Anthracene	17.38	178	23764	0.845	ng/ul#	93
15) Fluoranthene	19.30	202	179524	4.723	ng/ul	84
17) Pyrene	19.66	202	165567	5.158	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	89910	2.938	ng/ul#	88
19) Chrysene	21.45	228	88575	2.506	ng/ul	93
21) Benzo(b)fluoranthene	23.16	252	112426	3.887	ng/ul	86
22) Benzo(k)fluoranthene	23.20	252	43113m	1.289	ng/ul	
23) Benzo(a)pyrene	23.82	252	82858m	2.757	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.60	276	61412m	1.997	ng/ul	
25) Dibenzo(a,h)anthracene	26.60	278	18522m	0.718	ng/ul	
26) Benzo(a,h,i)perylene	27.43	276	61206m	2.308	ng/ul	

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

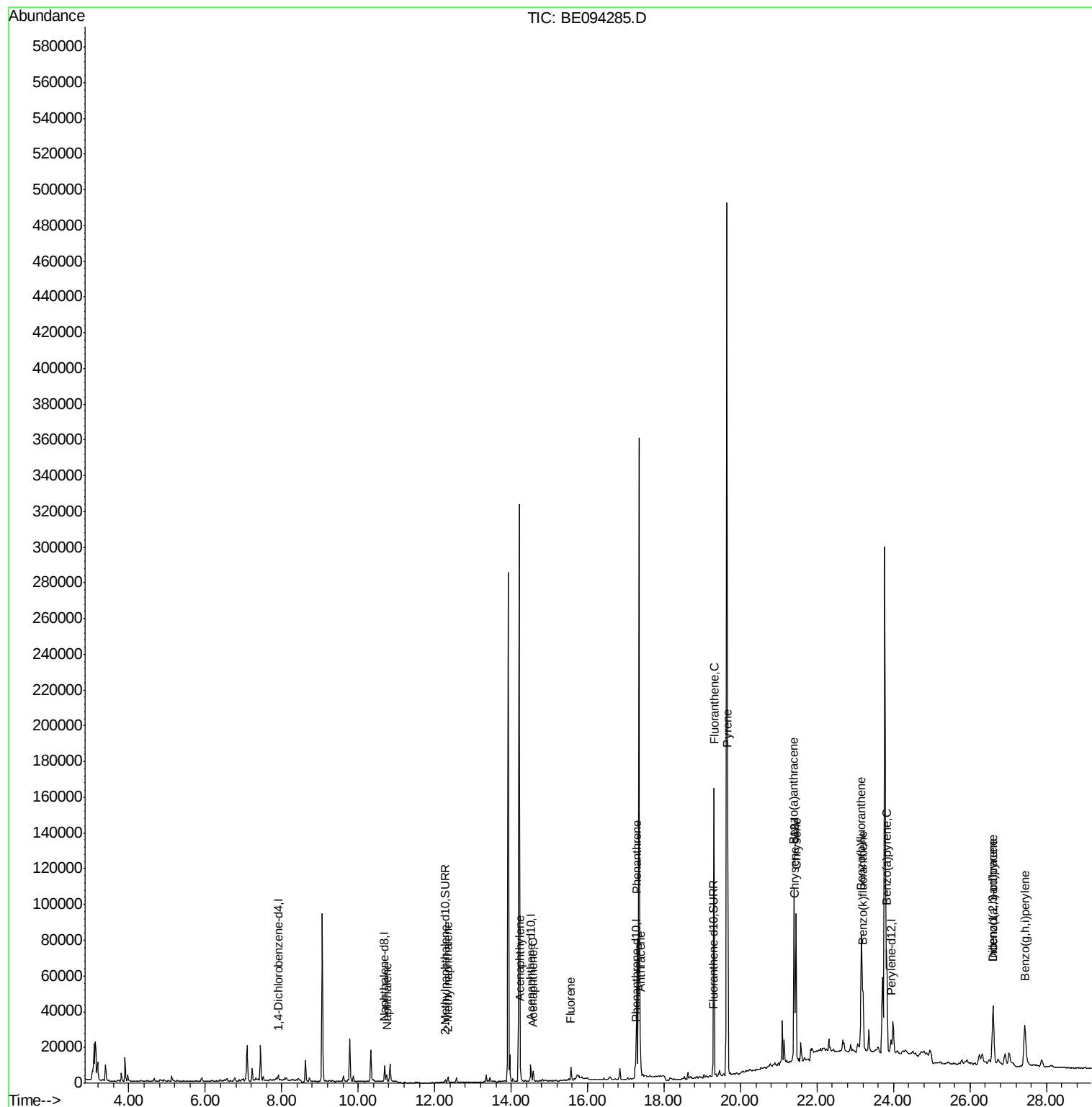
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094285.D
Acq On : 11 Oct 2017 18:36
Operator : SJ/JU
Sample : I5490-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

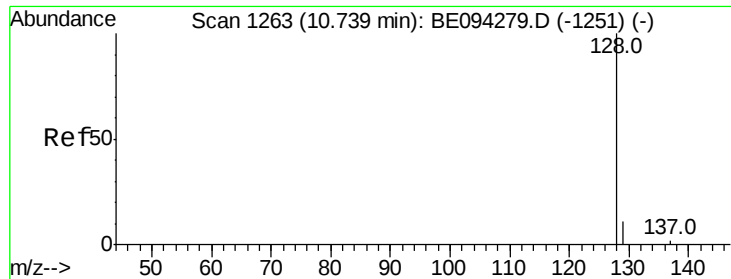
Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

Quant Time: Oct 12 08:27:44 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 07:31:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.269 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

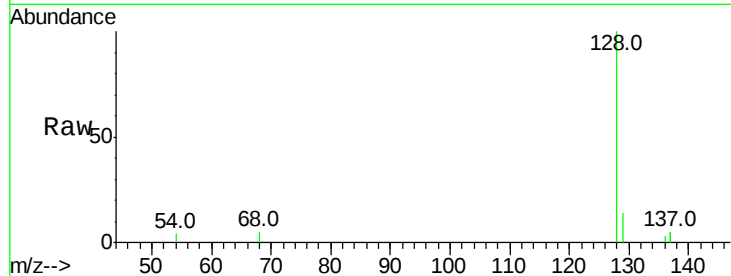
ClientSampleId :

B-70(0-1)-092717

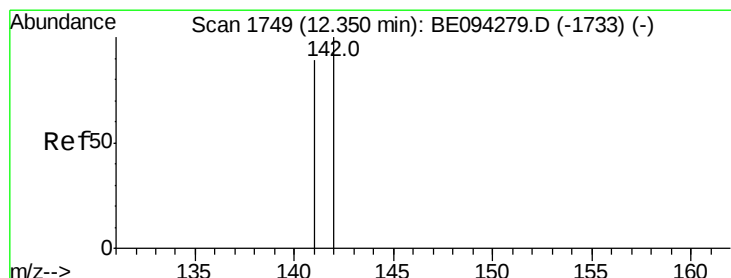
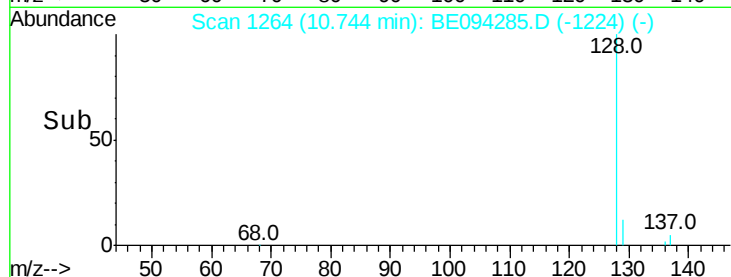
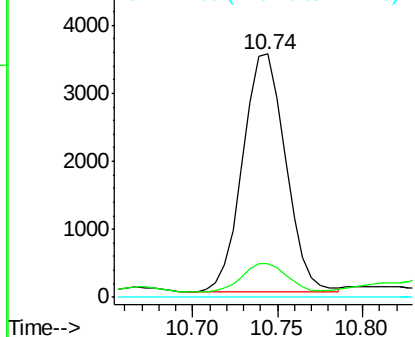
Tot Ion:128	Resp:	6116
Ion Ratio	Lower	Upper
128 100		
129 14.1	11.3	16.9
127 0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.194 ng/ul

RT: 12.35 min Scan# 1748

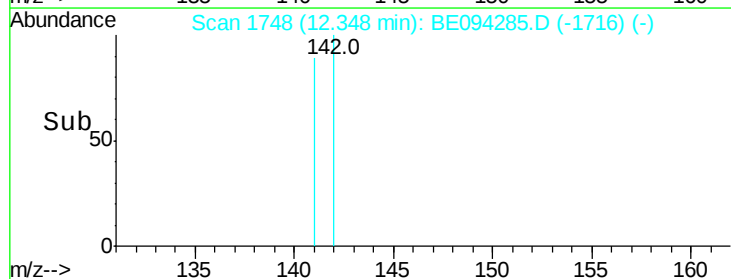
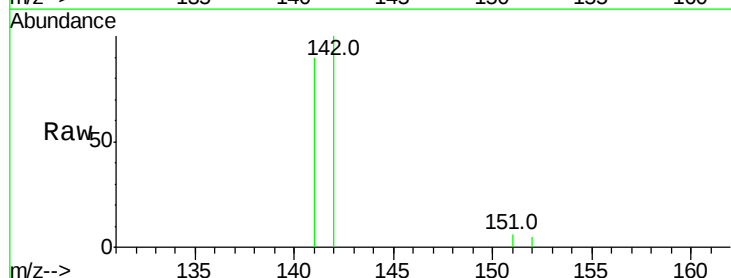
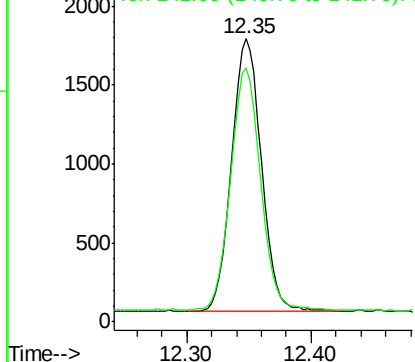
Delta R.T. -0.00 min

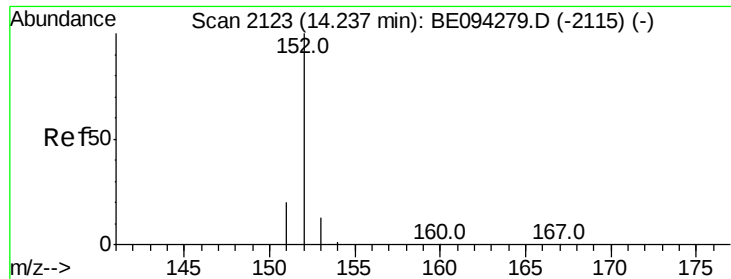
Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Tgt Ion:142	Resp:	2870
Ion Ratio	Lower	Upper
142 100		
141 89.5	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.314 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

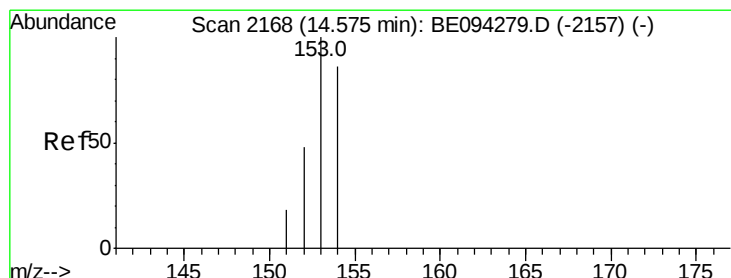
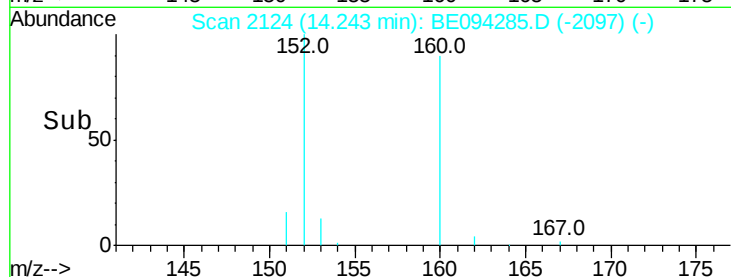
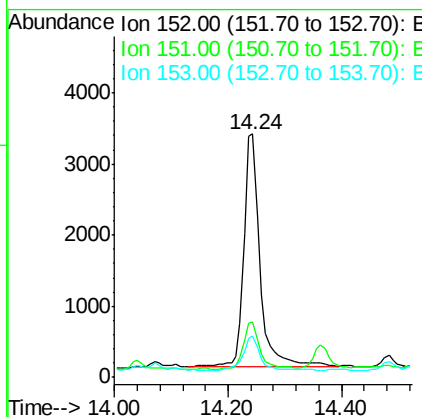
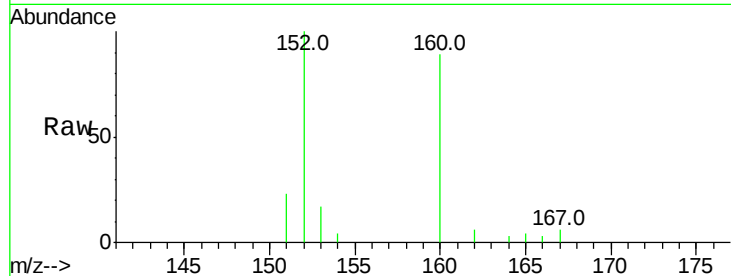
ClientSampleId :

B-70(0-1)-092717

Tot Ion:	152	Resp:	6647
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.1	25.7
153	17.0	12.8	19.2

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM



#8

Acenaphthene

Concen: 0.208 ng/ul

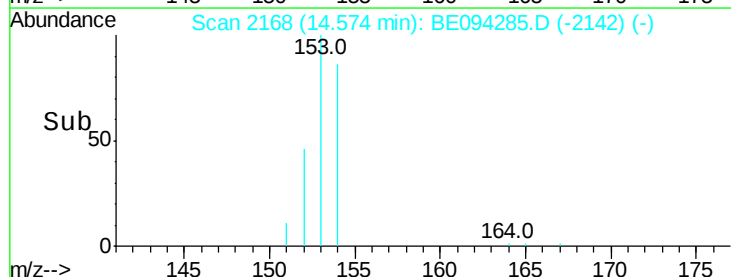
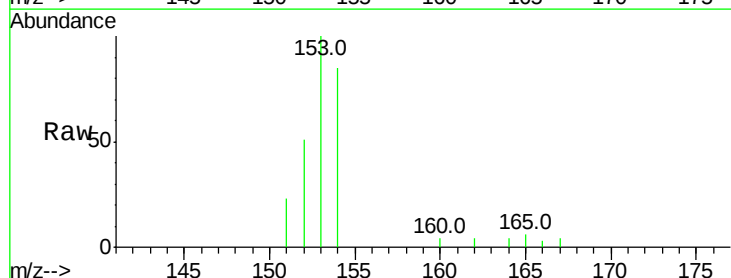
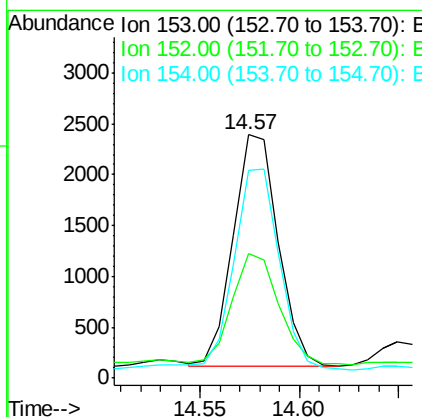
RT: 14.57 min Scan# 2168

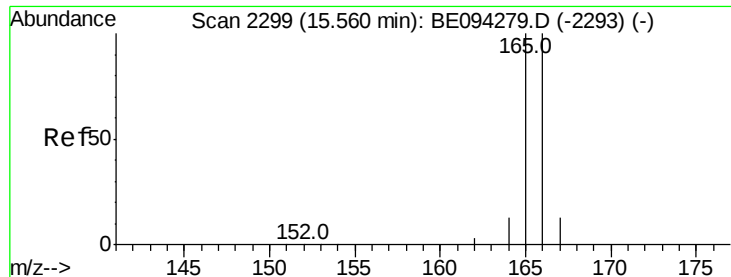
Delta R.T. -0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Tgt Ion:	153	Resp:	3618
Ion Ratio	Lower	Upper	
153	100		
152	51.4	40.3	60.5
154	85.3	71.4	107.2





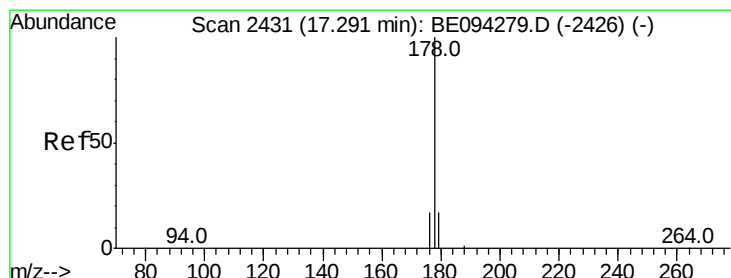
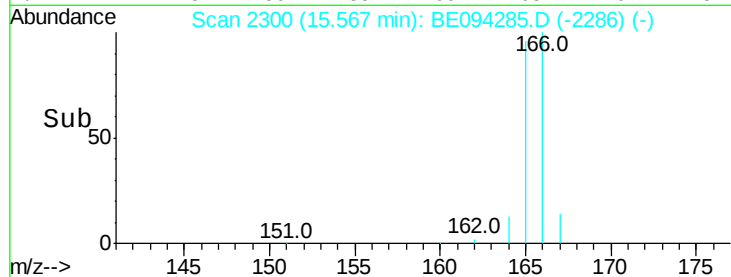
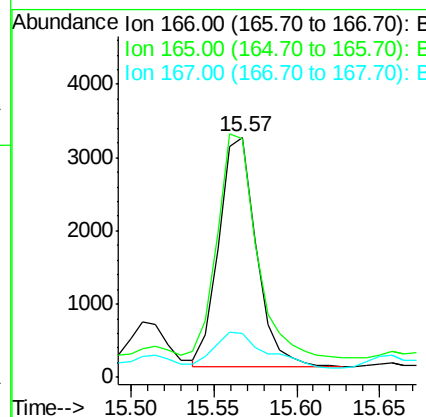
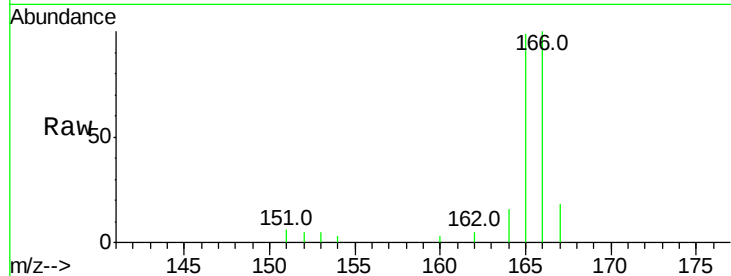
#9
Fluorene
 Concen: 0.243 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.01 min
 Lab File: BE094285.D
 Acq: 11 Oct 2017 18:36

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	73.4	110.2
167	18.1	14.6	22.0

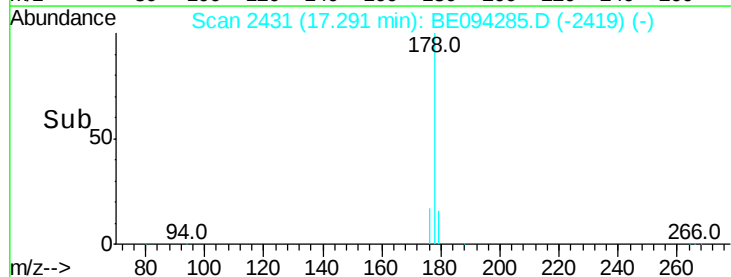
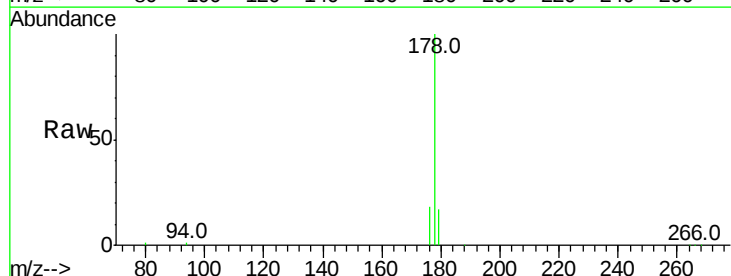
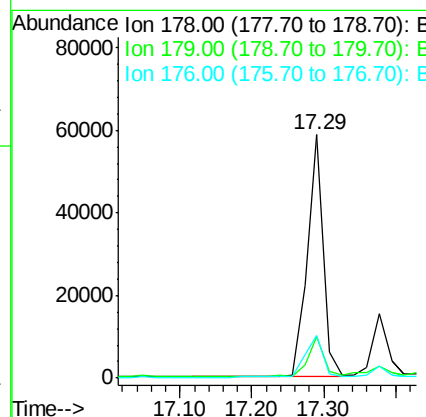
Manual Integrations
 APPROVED

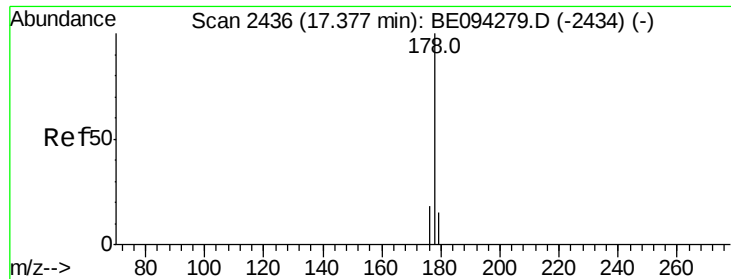
Sohil
 10/13/2017 12:05:37 PM



#12
Phenanthrene
 Concen: 3.143 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094285.D
 Acq: 11 Oct 2017 18:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.4	27.6#
176	17.7	13.6	20.4





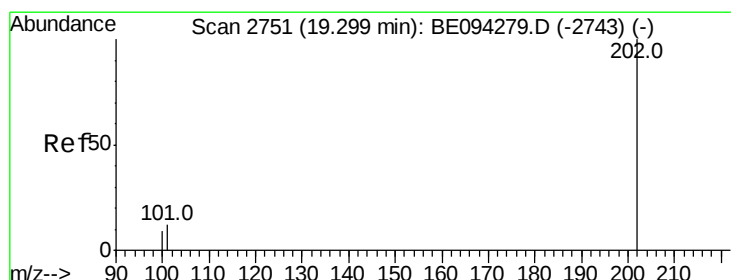
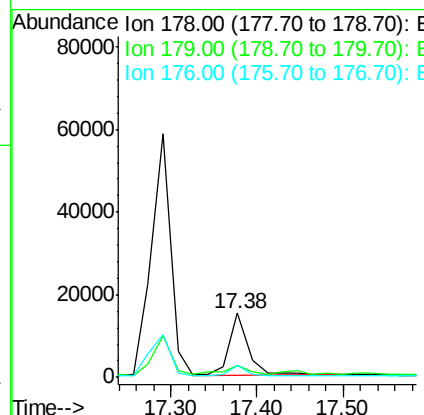
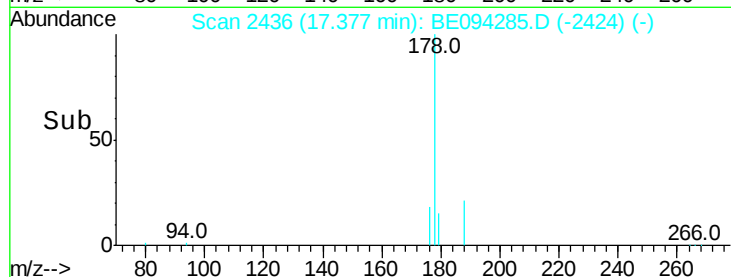
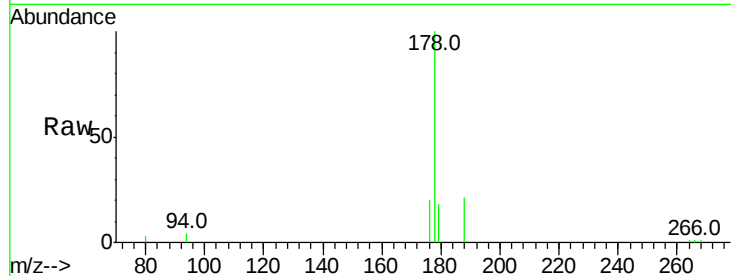
#13
 Anthracene
 Concen: 0.845 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094285.D
 Acq: 11 Oct 2017 18:36

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717

Tot Ion:178 Resp: 23764
 Ion Ratio Lower Upper
 178 100
 179 17.7 18.1 27.1#
 176 19.6 14.7 22.1

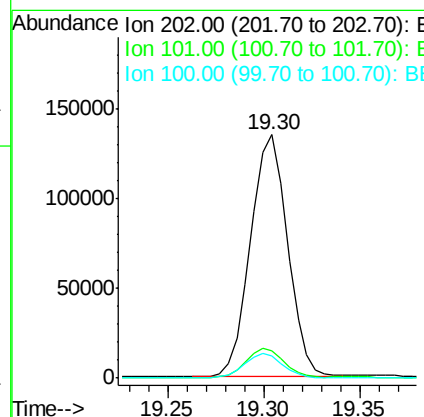
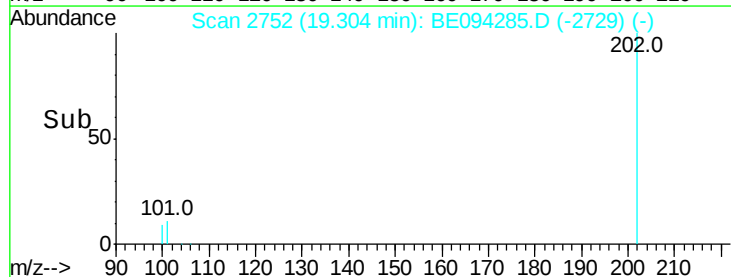
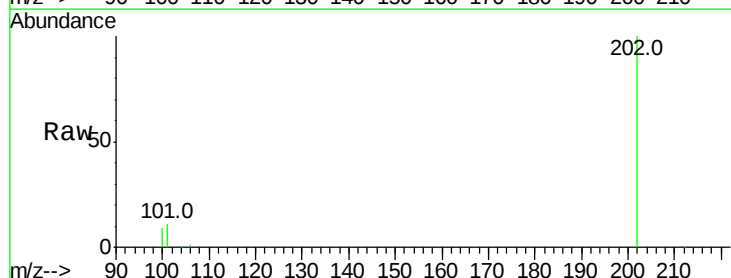
Manual Integrations
 APPROVED

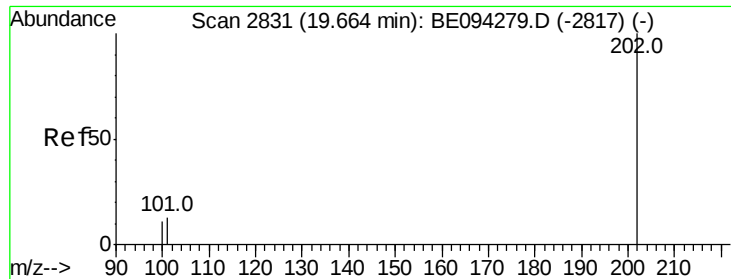
Sohil
 10/13/2017 12:05:37 PM



#15
 Fluoranthene
 Concen: 4.723 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE094285.D
 Acq: 11 Oct 2017 18:36

Tgt Ion:202 Resp: 179524
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.3
 100 9.0 0.0 39.5





#17

Pvrene

Concen: 5.158 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

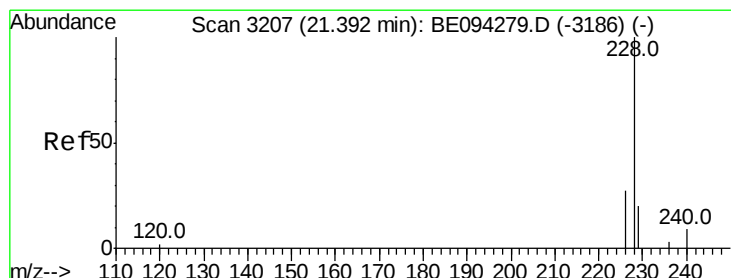
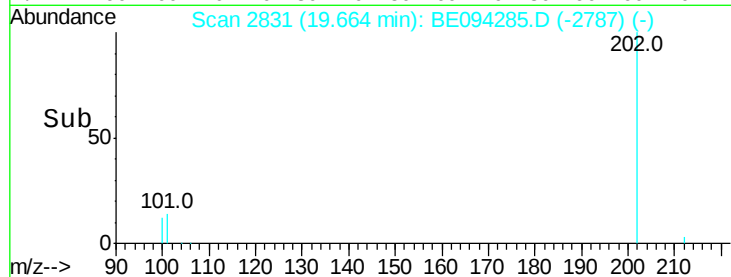
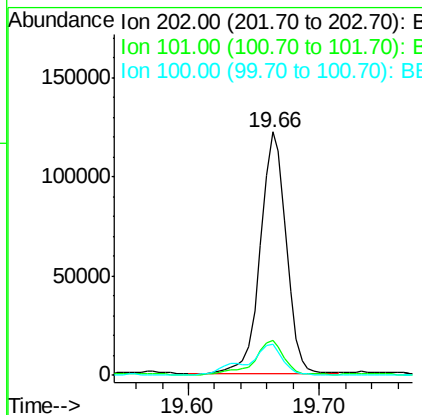
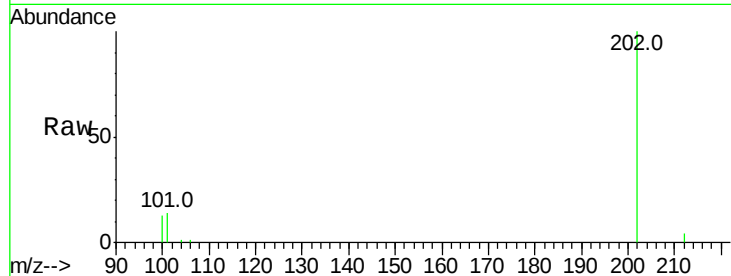
ClientSampleId :

B-70(0-1)-092717

Tot Ion:	202	Resp:	165567
Ion Ratio	Lower	Upper	
202	100		
101	14.4	18.2	27.4#
100	12.7	15.6	23.4#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM



#18

Benzo(a)anthracene

Concen: 2.938 ng/ul

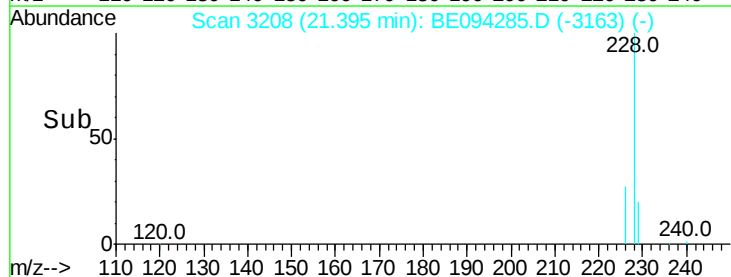
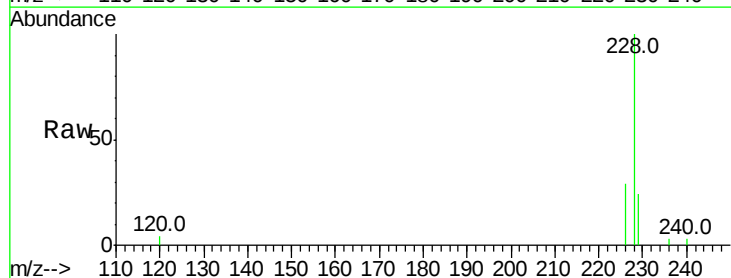
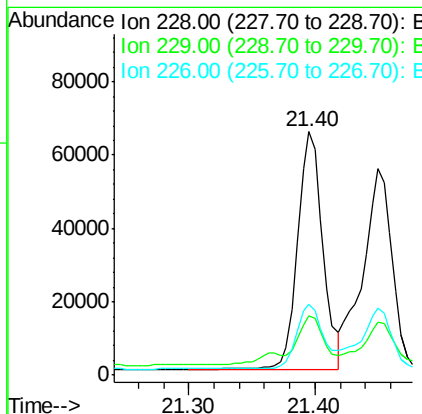
RT: 21.40 min Scan# 3208

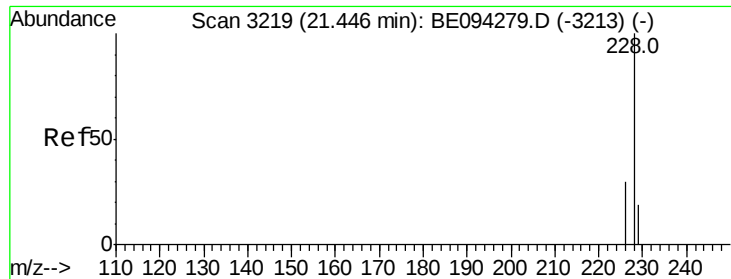
Delta R.T. 0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Tgt Ion:	228	Resp:	89910
Ion Ratio	Lower	Upper	
228	100		
229	24.3	22.8	34.2
226	29.3	17.0	25.6#





#19

Chrysene

Concen: 2.506 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

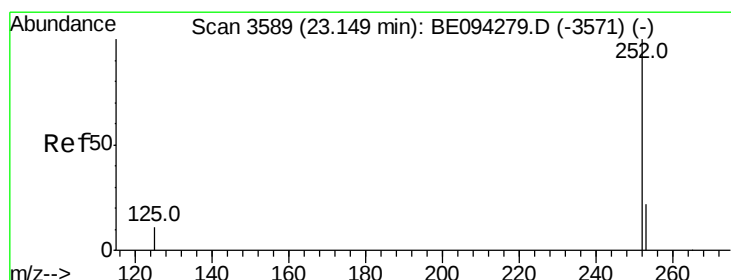
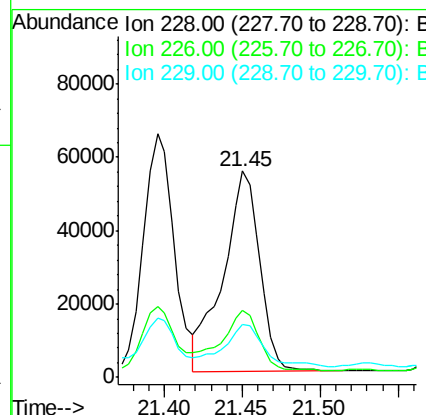
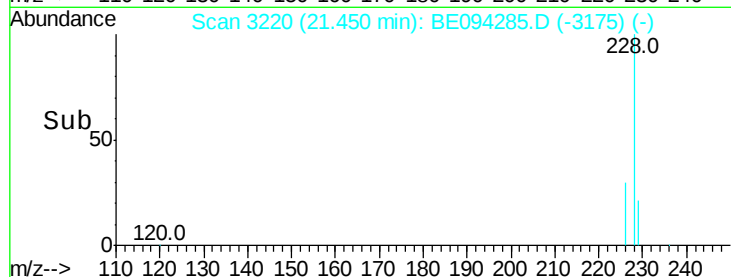
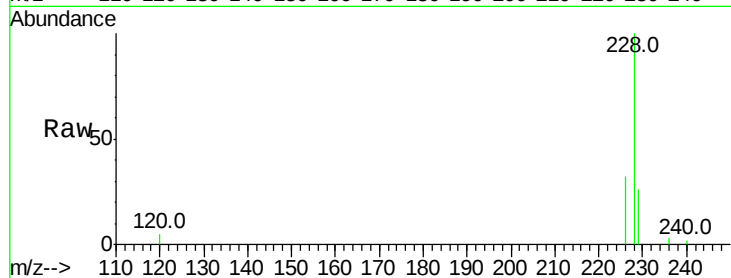
ClientSampleId :

B-70(0-1)-092717

Tot Ion:	228	Resp:	88575
Ion Ratio	Lower	Upper	
228	100		
226	32.5	23.4	35.0
229	25.8	17.7	26.5

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM



#21

Benzo(b)fluoranthene

Concen: 3.887 ng/ul

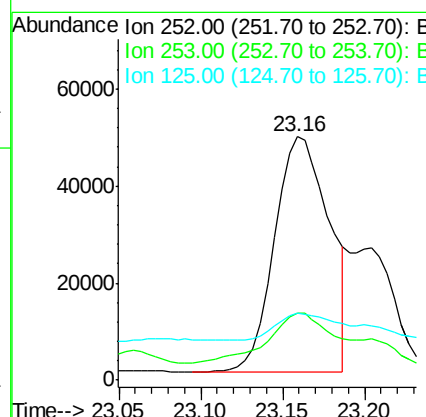
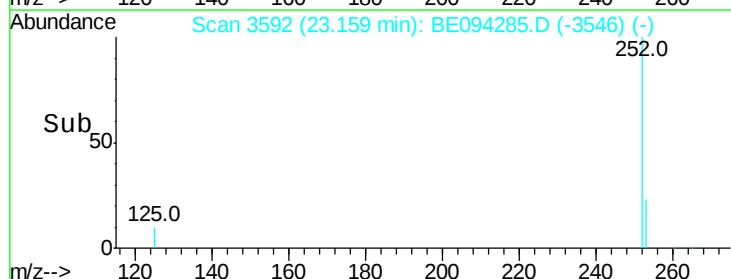
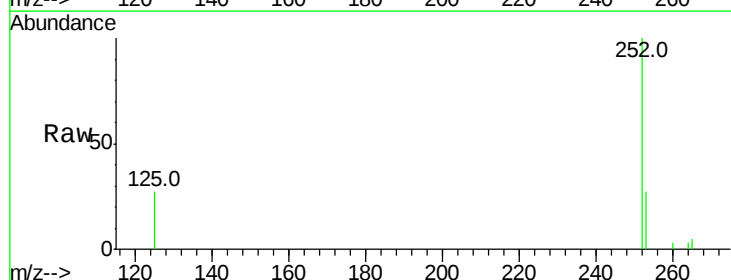
RT: 23.16 min Scan# 3592

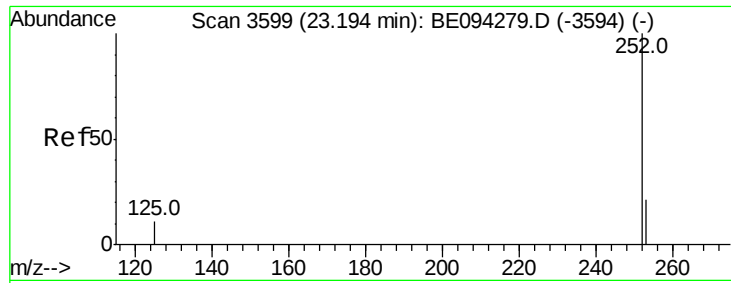
Delta R.T. 0.01 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Tgt Ion:	252	Resp:	112426
Ion Ratio	Lower	Upper	
252	100		
253	27.3	0.0	64.2
125	27.4	0.0	35.0





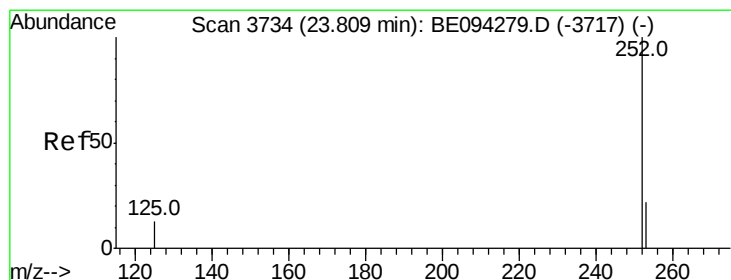
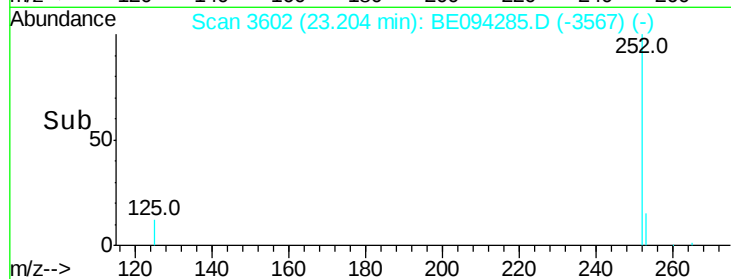
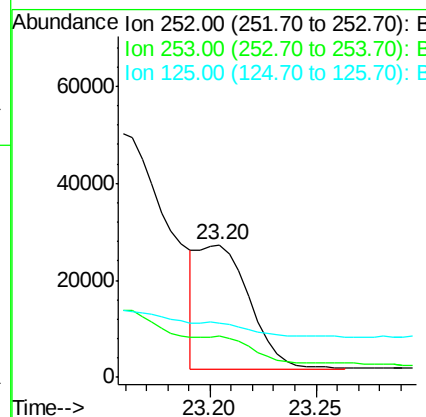
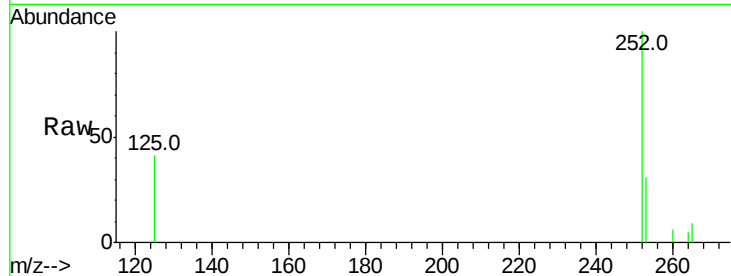
#22
Benzo(k)fluoranthene
Concen: 1.289 ng/ul m
RT: 23.20 min Scan# 3602
Delta R.T. 0.01 min
Lab File: BE094285.D
Acq: 11 Oct 2017 18:36

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.8	24.5	36.7
125	41.0	13.7	20.5#

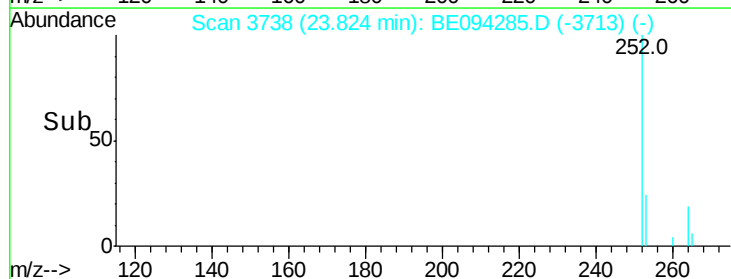
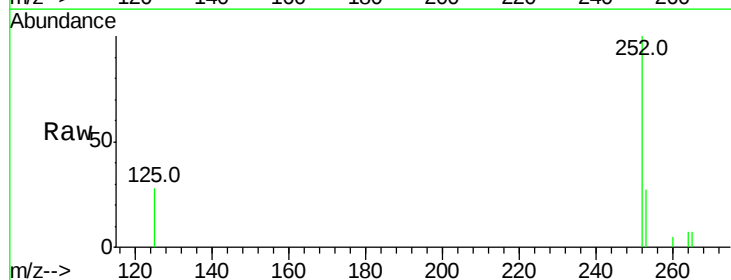
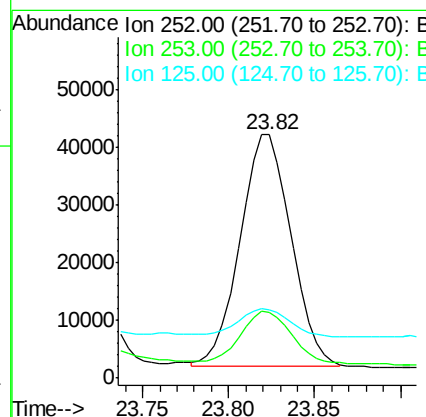
Manual Integrations
APPROVED

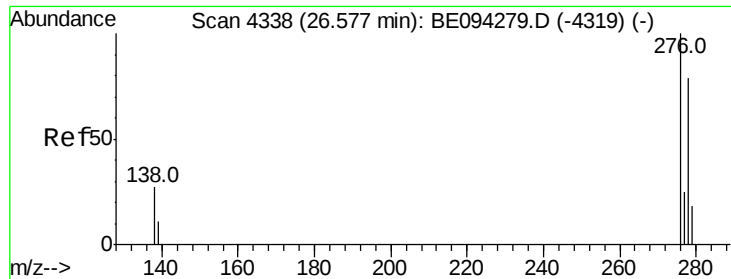
Sohil
10/13/2017 12:05:37 PM



#23
Benzo(a)pyrene
Concen: 2.757 ng/ul m
RT: 23.82 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE094285.D
Acq: 11 Oct 2017 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	28.5	42.7#
125	28.3	18.1	27.1#





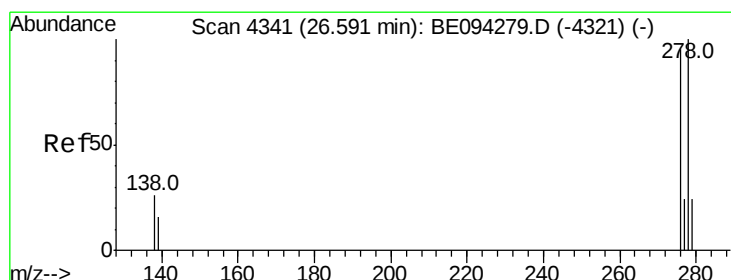
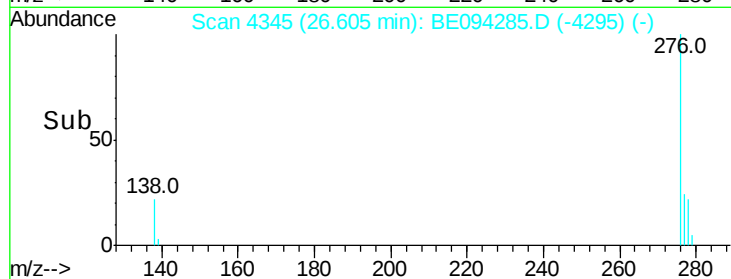
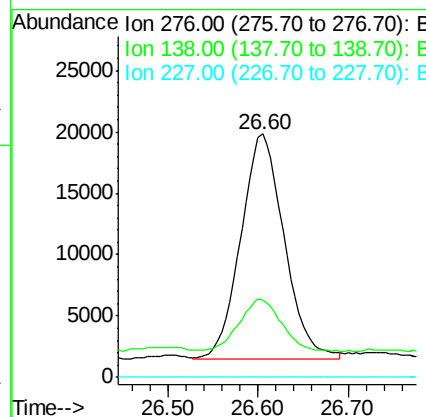
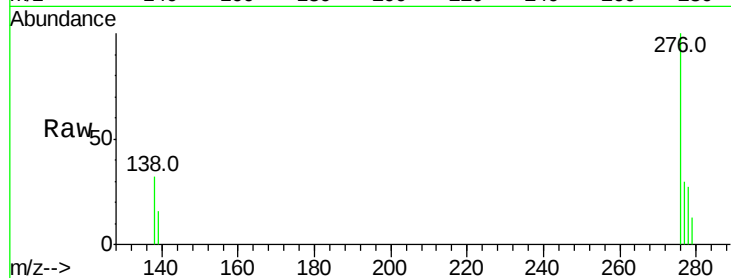
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.997 ng/ul m
 RT: 26.60 min Scan# 4345
 Delta R.T. 0.03 min
 Lab File: BE094285.D
 Acq: 11 Oct 2017 18:36

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717

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

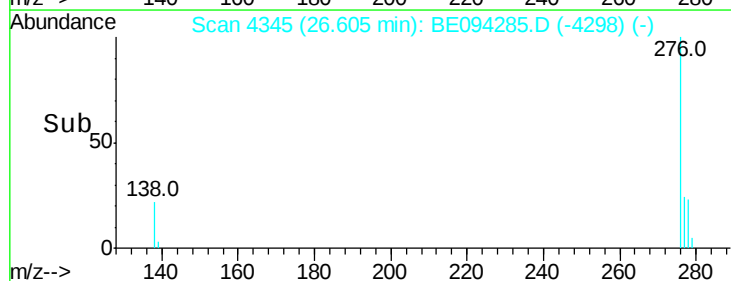
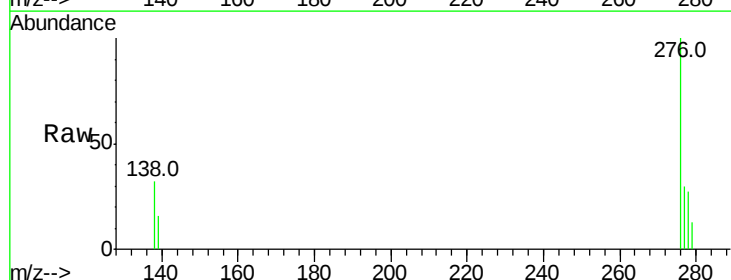
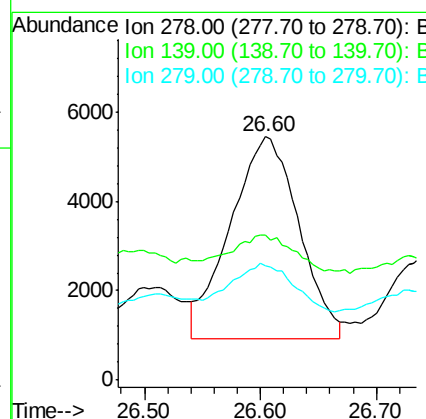
Manual Integrations
 APPROVED

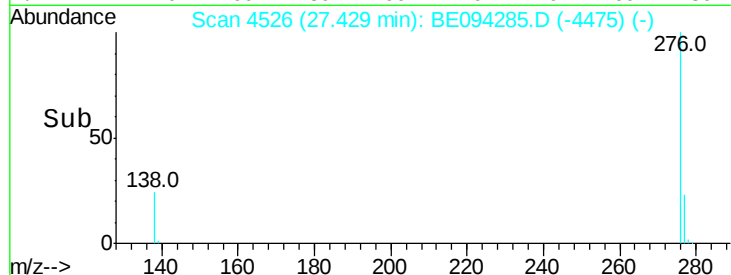
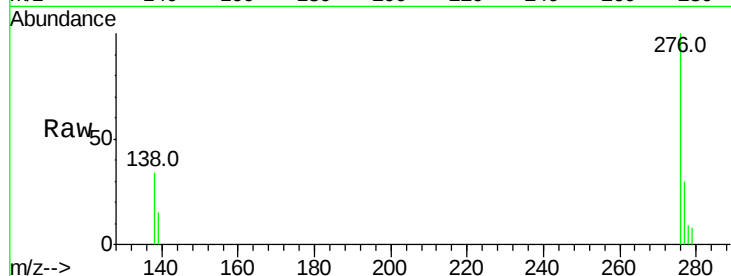
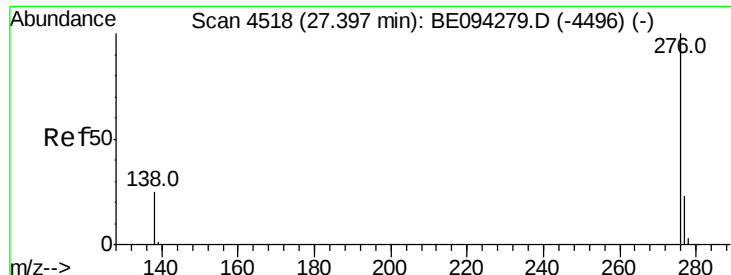
Sohil
 10/13/2017 12:05:37 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.718 ng/ul m
 RT: 26.60 min Scan# 4345
 Delta R.T. 0.01 min
 Lab File: BE094285.D
 Acq: 11 Oct 2017 18:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	59.8	17.4	26.0#
279	47.1	25.9	38.9#





#26
Benzo(a,h,i)perylene
Concen: 2.308 ng/ul m
RT: 27.43 min Scan# 4526
Delta R.T. 0.03 min
Lab File: BE094285.D
Acq: 11 Oct 2017 18:36

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.8	32.8#
277	30.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:37 PM

