

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094583.D
 Acq On : 27 Oct 2017 3:48
 Operator : SJ/JU
 Sample : I5873-04 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-16(0-1)_101217

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:42:13 PM

Quant Time: Oct 27 17:39:55 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	1594	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8859	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	5871m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10535	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10730	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	10831	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	740m	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	19455	0.62	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	30126	1.391	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	36519	2.410	ng/ul	97
7) Acenaphthylene	14.24	152	7982	0.301	ng/ul#	1
8) Acenaphthene	14.59	153	2514	0.132	ng/ul#	38
9) Fluorene	15.57	166	6311	0.295	ng/ul#	52
12) Phenanthrene	17.29	178	36898	1.326	ng/ul#	95
13) Anthracene	17.39	178	4336m	0.158	ng/ul	
15) Fluoranthene	19.31	202	17460	0.543	ng/ul	83
17) Pyrene	19.68	202	34824	1.050	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	9921	0.323	ng/ul#	31
19) Chrysene	21.47	228	22934	0.723	ng/ul#	59
21) Benzo(b)fluoranthene	23.19	252	21108m	0.693	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	5000m	0.153	ng/ul	
23) Benzo(a)pyrene	23.86	252	11353	0.373	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.68	276	9824	0.312	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.67	278	2940	0.111	ng/ul#	1
26) Benzo(g,h,i)perylene	27.53	276	11974	0.473	ng/ul#	42

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

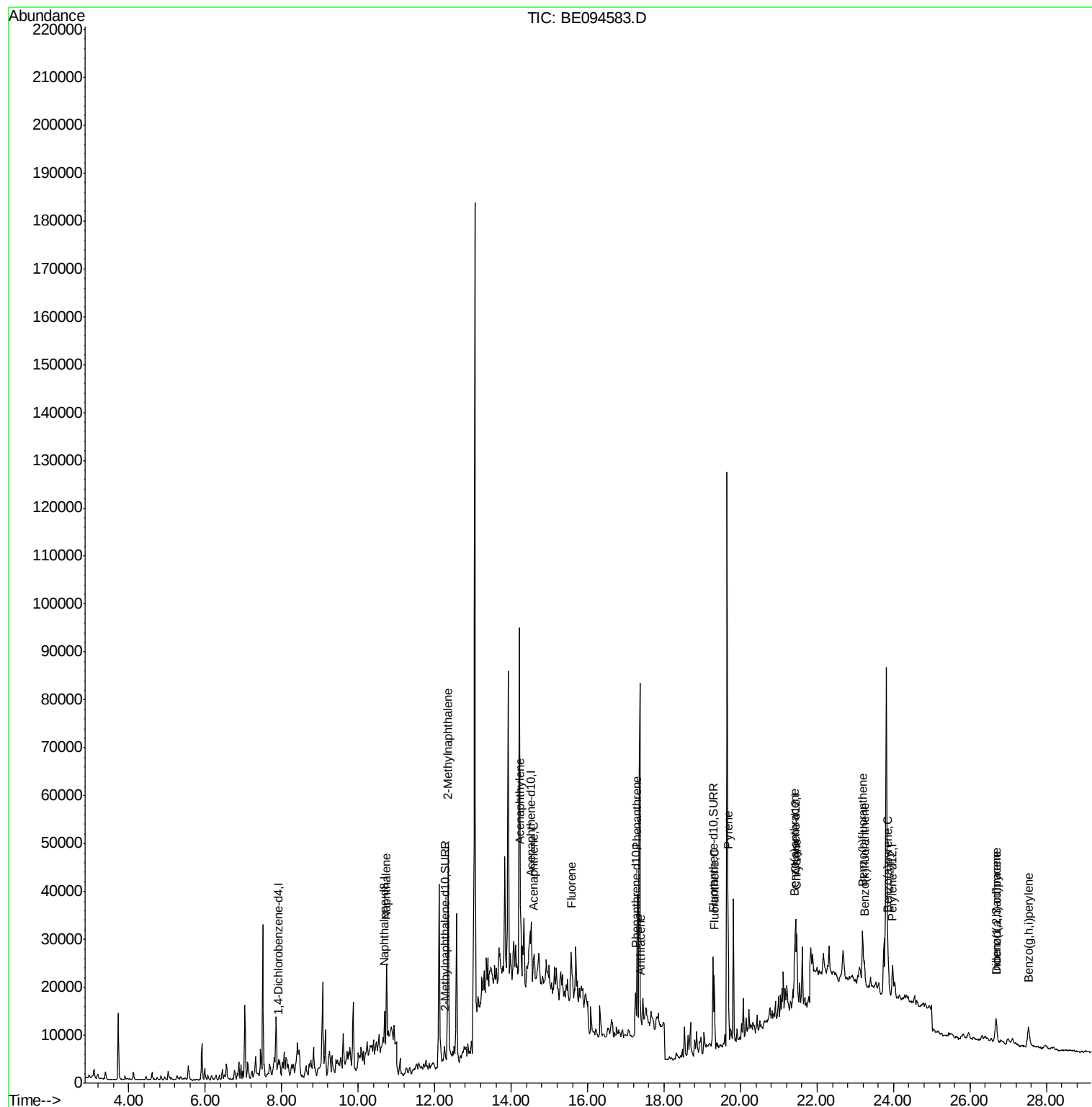
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094583.D
Acq On : 27 Oct 2017 3:48
Operator : SJ/JU
Sample : I5873-04 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

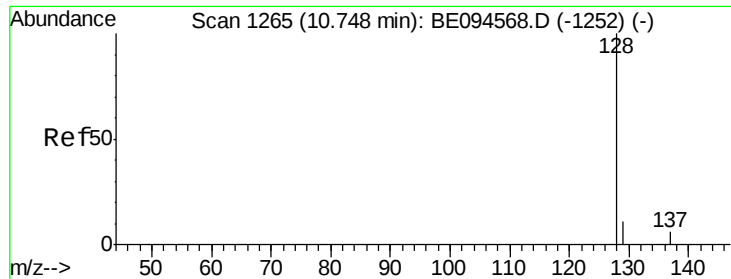
Instrument :
BNA_E
ClientSampleId :
B-16(0-1)_101217

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

Quant Time: Oct 27 17:39:55 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: 1.391 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094583.D

Acq: 27 Oct 2017 3:48

Instrument :

BNA_E

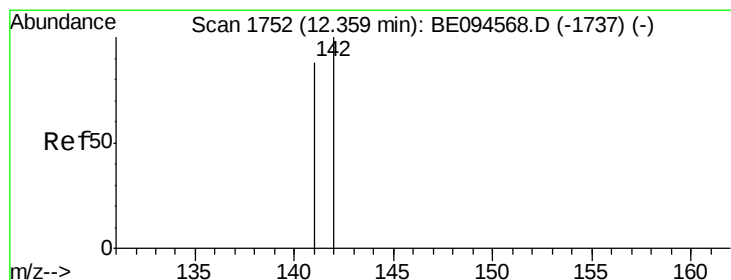
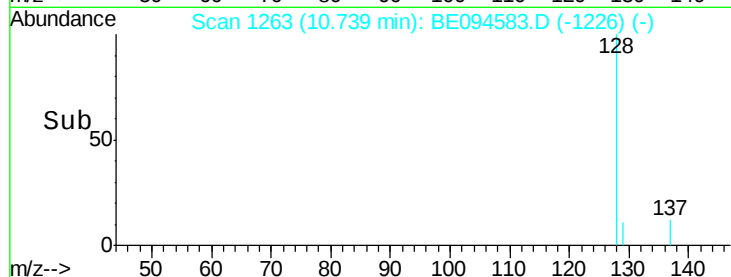
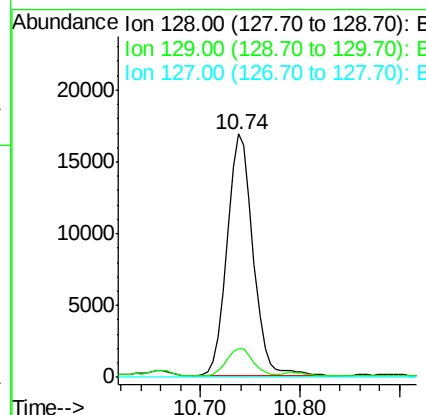
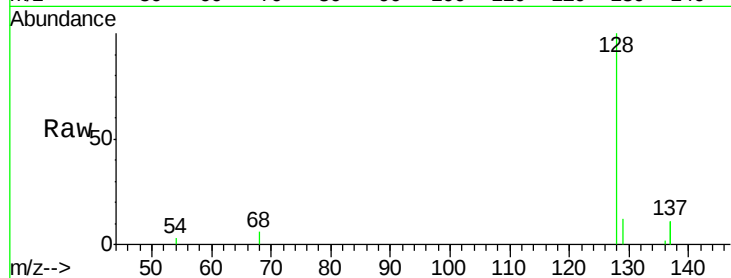
ClientSampleId :

B-16(0-1)_101217

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM



#5

2-Methylnaphthalene

Concen: 2.410 ng/ul

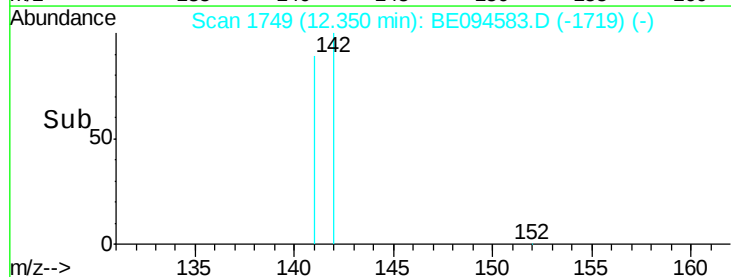
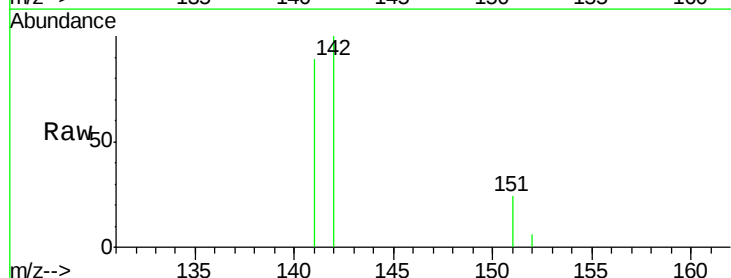
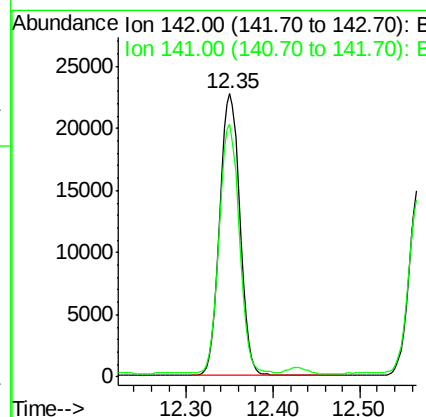
RT: 12.35 min Scan# 1749

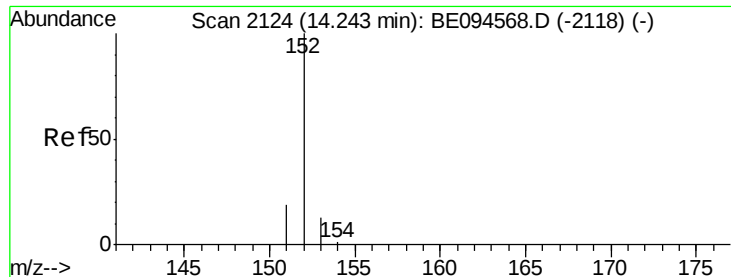
Delta R.T. -0.01 min

Lab File: BE094583.D

Acq: 27 Oct 2017 3:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.301 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094583.D

Acq: 27 Oct 2017 3:48

Instrument :

BNA_E

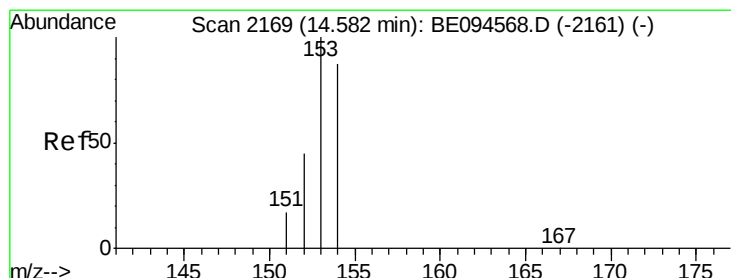
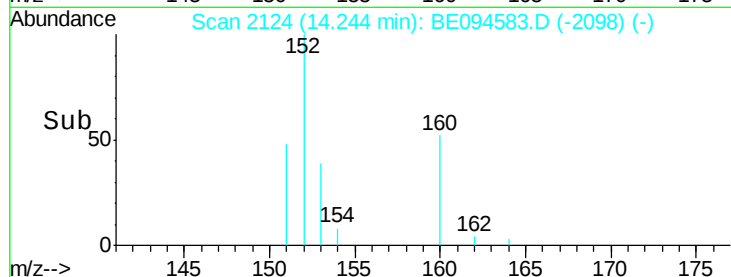
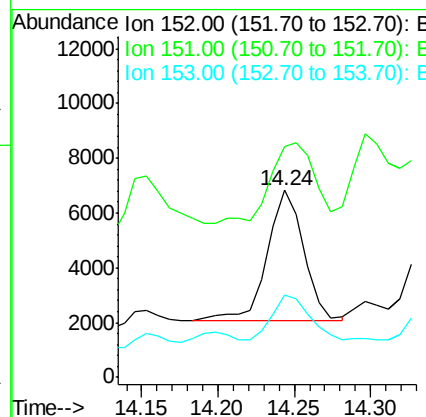
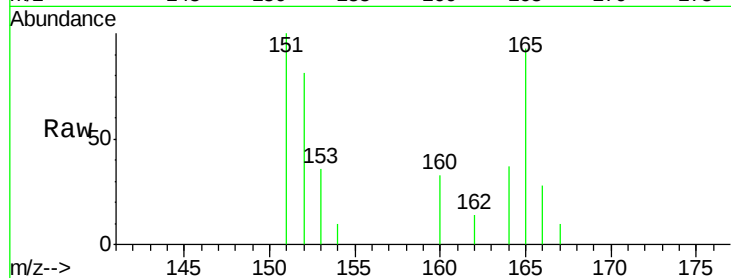
ClientSampleId :

B-16(0-1) 101217

Tgt Ion:	152	Resp:	7982
Ion Ratio	Lower	Upper	
152	100		
151	123.8	17.1	25.7#
153	44.2	12.8	19.2#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM



#8

Acenaphthene

Concen: 0.132 ng/ul

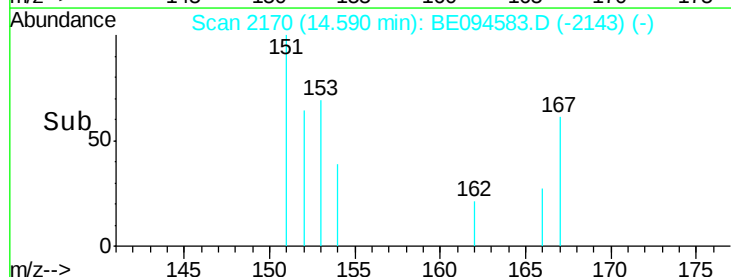
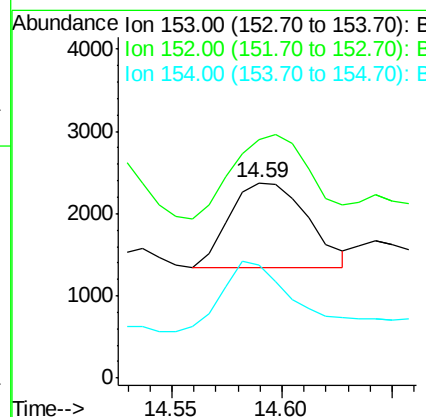
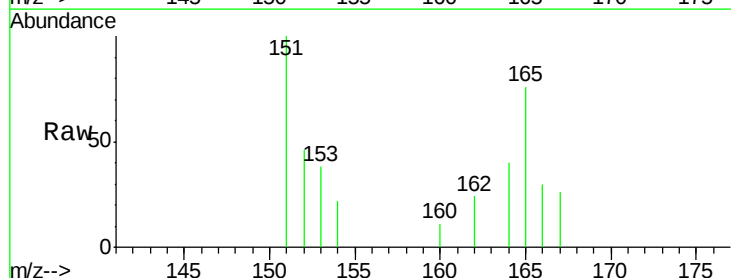
RT: 14.59 min Scan# 2170

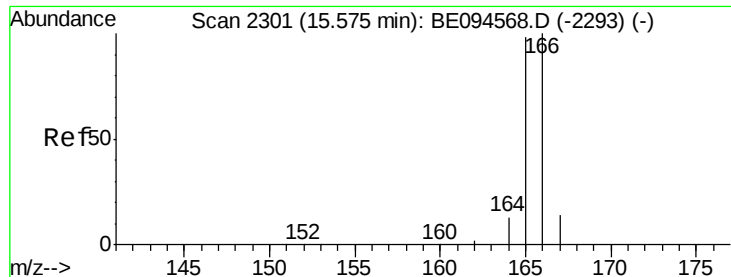
Delta R.T. 0.00 min

Lab File: BE094583.D

Acq: 27 Oct 2017 3:48

Tgt Ion:	153	Resp:	2514
Ion Ratio	Lower	Upper	
153	100		
152	122.1	36.0	54.0#
154	58.2	72.0	108.0#





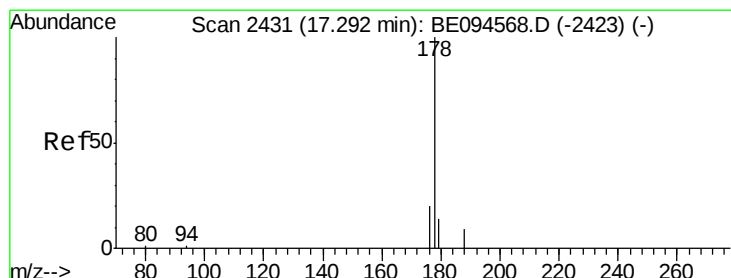
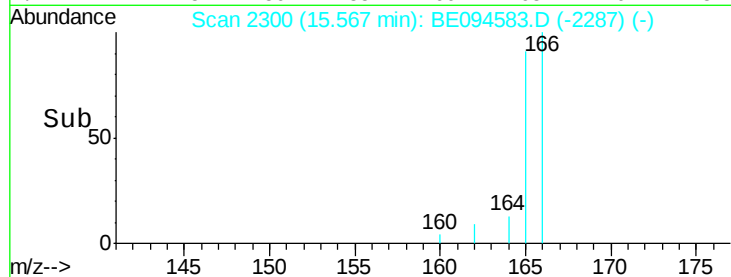
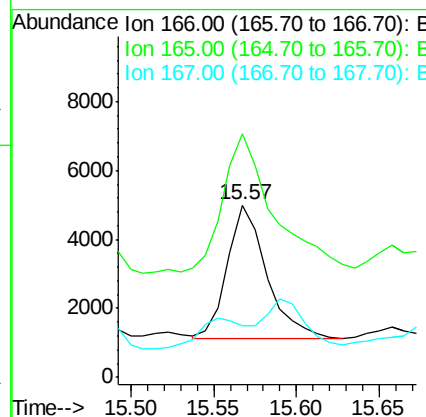
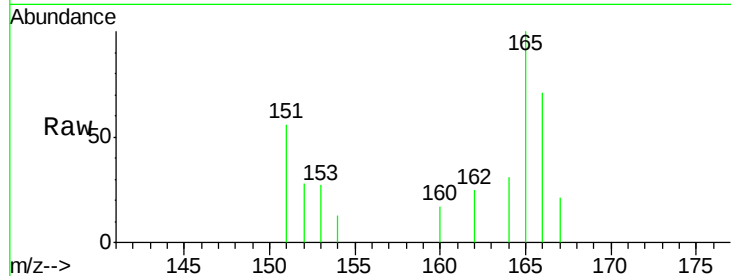
#9
Fluorene
 Concen: 0.295 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094583.D
 Acq: 27 Oct 2017 3:48

Instrument :
 BNA_E
 ClientSampleId :
 B-16(0-1)_101217

Tgt Ion	Ratio	Lower	Upper
166	100		
165	141.3	73.4	110.2#
167	29.8	14.6	22.0#

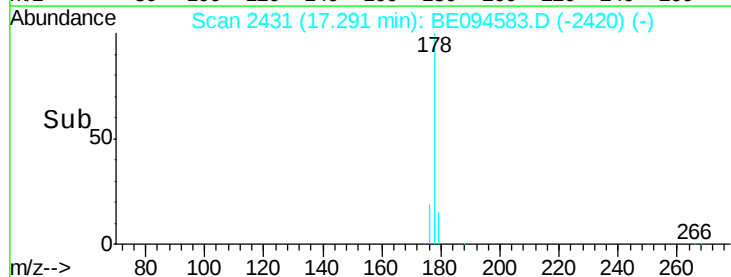
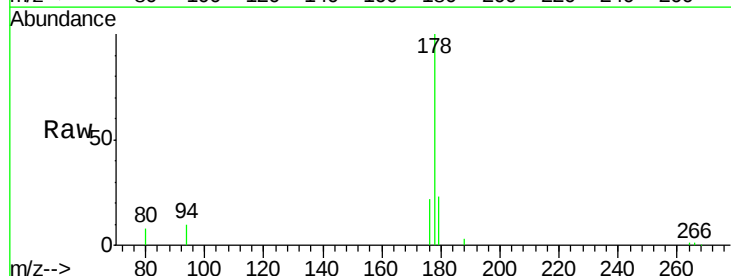
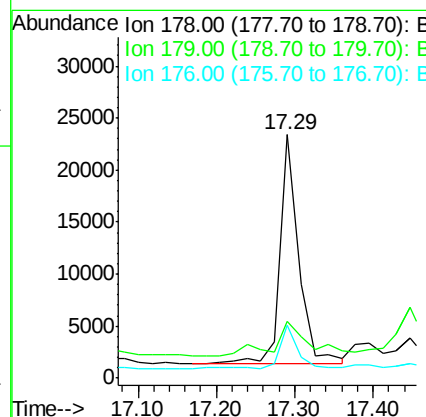
Manual Integrations
 APPROVED

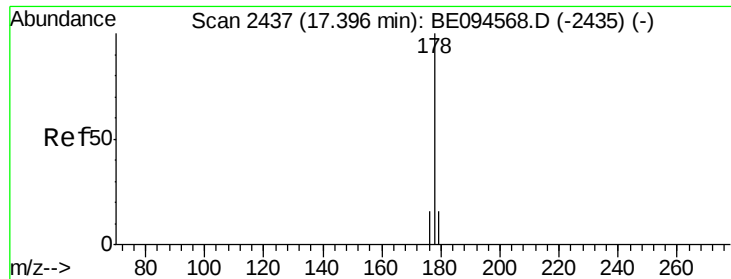
Sohil
 10/27/2017 5:42:13 PM



#12
Phenanthrene
 Concen: 1.326 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094583.D
 Acq: 27 Oct 2017 3:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.5	18.4	27.6
176	21.9	13.6	20.4#





#13

Anthracene

Concen: 0.158 ng/ul m

RT: 17.39 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094583.D

Acq: 27 Oct 2017 3:48

Instrument :

BNA_E

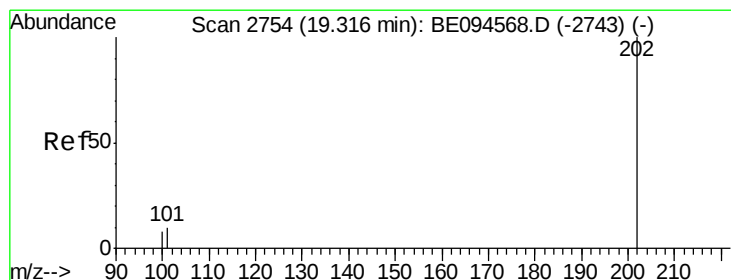
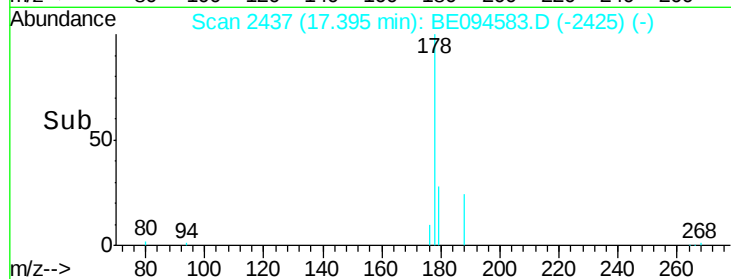
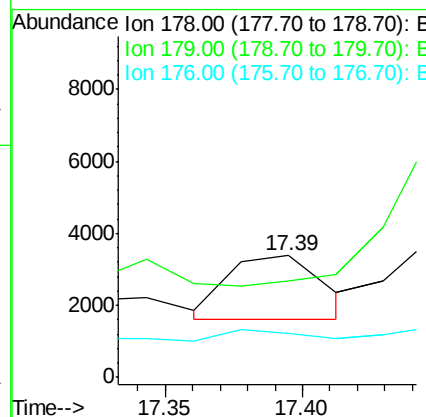
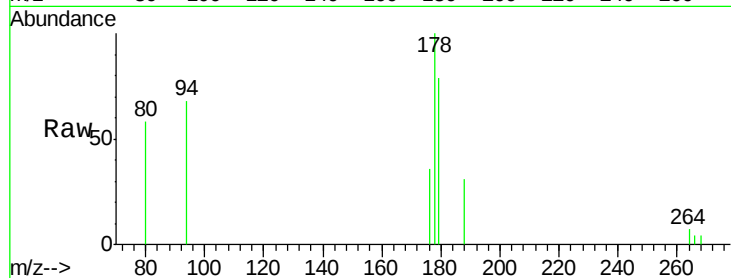
ClientSampleId :

B-16(0-1)_101217

Tgt Ion:	178	Resp:	4336
Ion Ratio	Lower	Upper	
178	100		
179	79.5	18.1	27.1#
176	36.3	14.7	22.1#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM



#15

Fluoranthene

Concen: 0.543 ng/ul

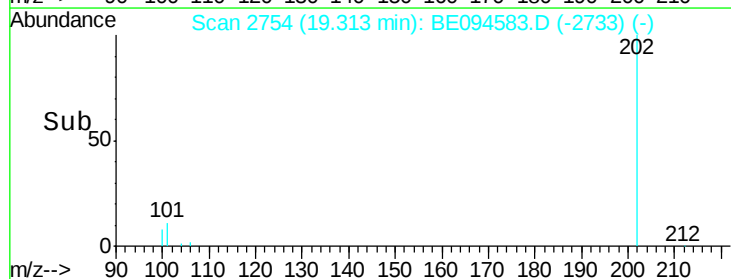
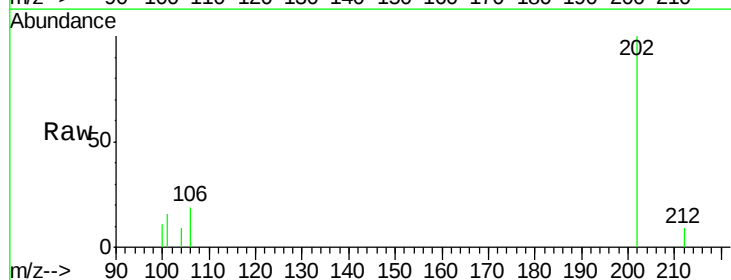
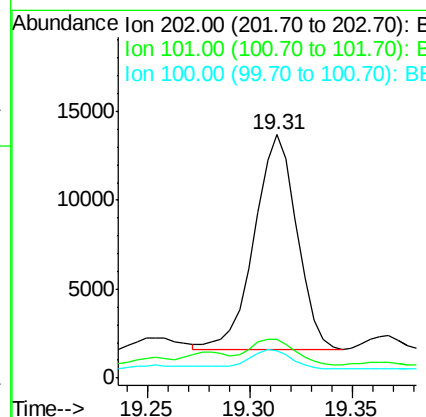
RT: 19.31 min Scan# 2754

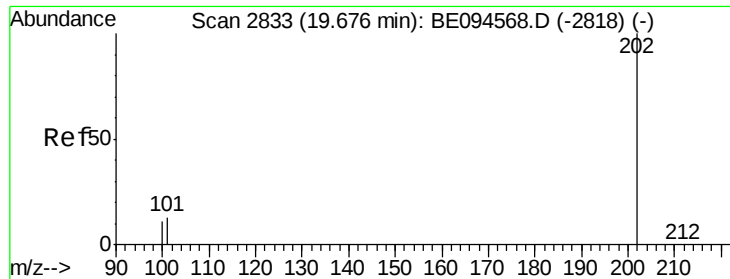
Delta R.T. -0.00 min

Lab File: BE094583.D

Acq: 27 Oct 2017 3:48

Tgt Ion:	202	Resp:	17460
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	30.3
100	11.3	0.0	39.5





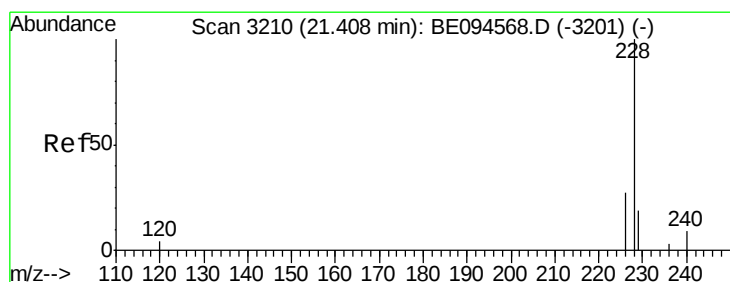
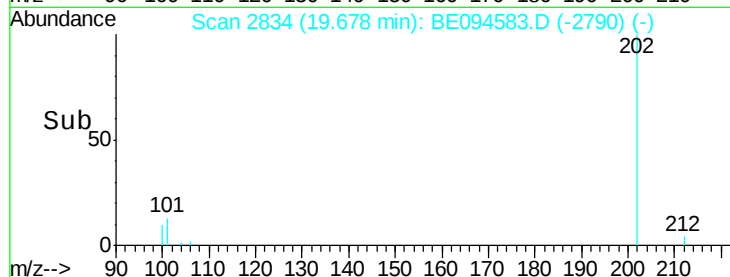
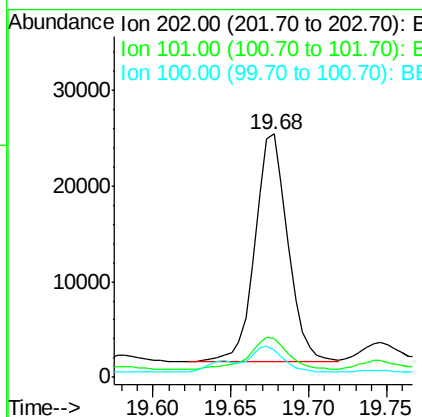
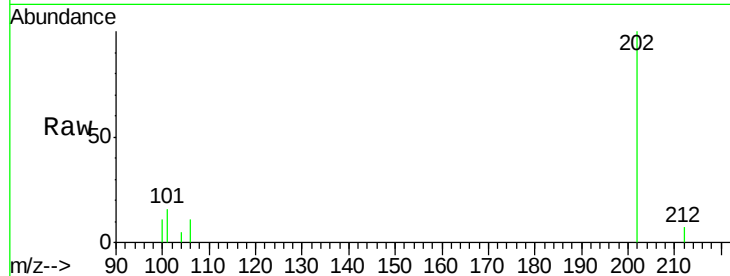
#17
Pyrene
 Concen: 1.050 ng/ul
 RT: 19.68 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BE094583.D
 Acq: 27 Oct 2017 3:48

Instrument :
 BNA_E
 ClientSampleId :
 B-16(0-1)_101217

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	34824		
101	15.7	18.2	27.4#	
100	11.4	15.6	23.4#	

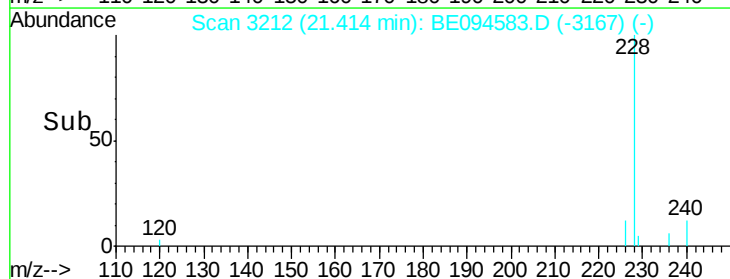
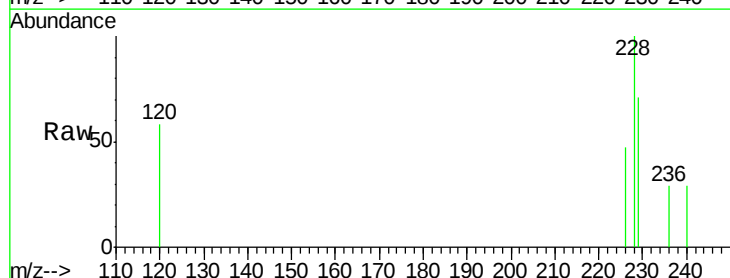
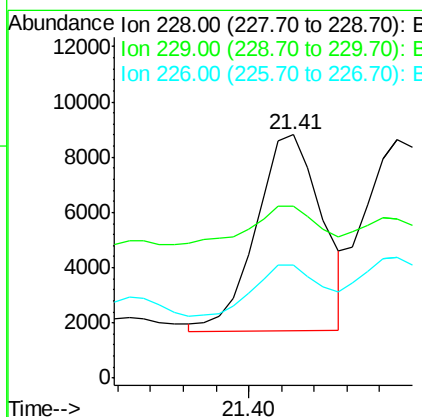
Manual Integrations
 APPROVED

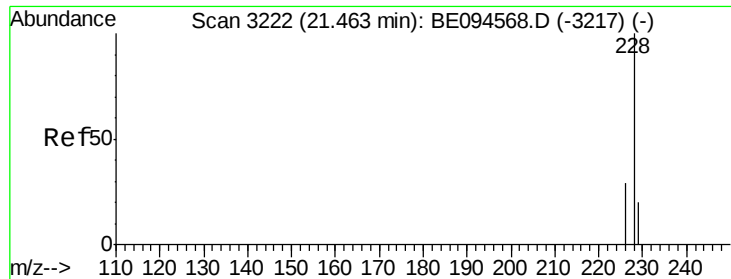
Sohil
 10/27/2017 5:42:13 PM



#18
Benzo(a)anthracene
 Concen: 0.323 ng/ul
 RT: 21.41 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: BE094583.D
 Acq: 27 Oct 2017 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	9921		
229	70.6	22.8	34.2#	
226	46.7	17.0	25.6#	





#19

Chrysene

Concen: 0.723 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094583.D

Acq: 27 Oct 2017 3:48

Instrument :

BNA_E

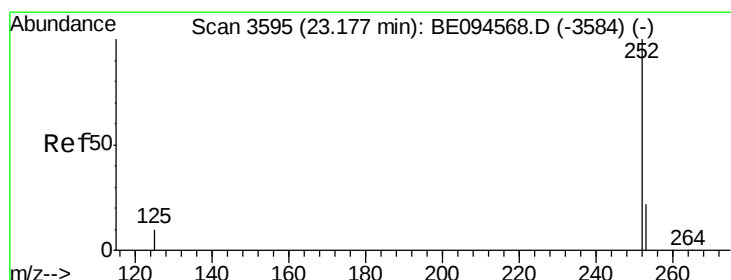
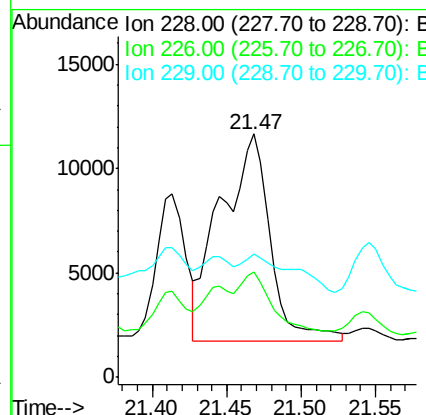
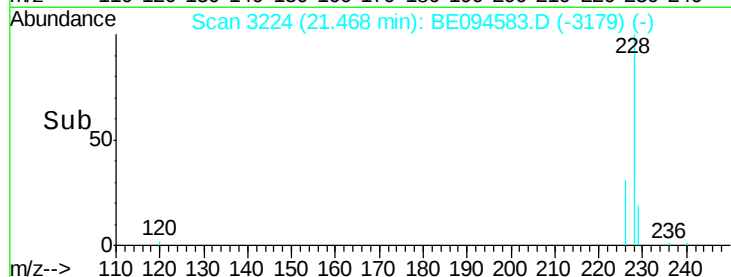
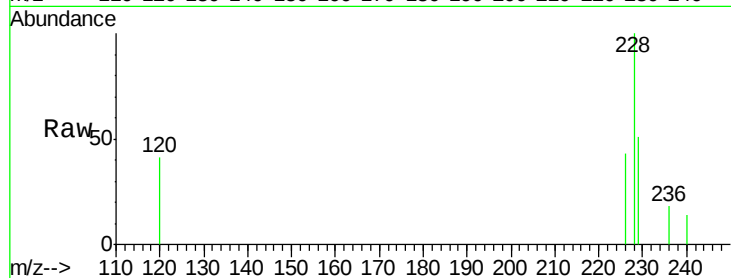
ClientSampleId :

B-16(0-1) 101217

Tgt Ion:	228	Resp:	22934
Ion Ratio	Lower	Upper	
228	100		
226	43.3	23.4	35.0#
229	50.5	17.7	26.5#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM



#21

Benzo(b)fluoranthene

Concen: 0.693 ng/ul m

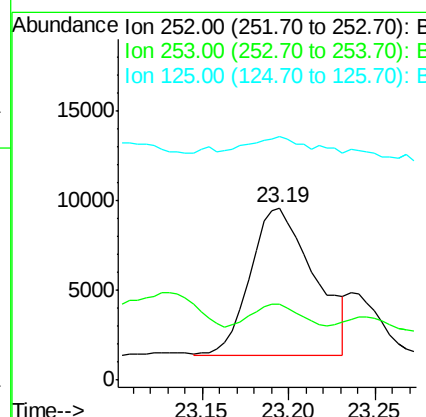
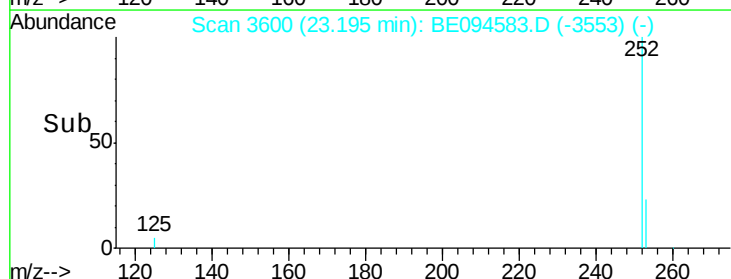
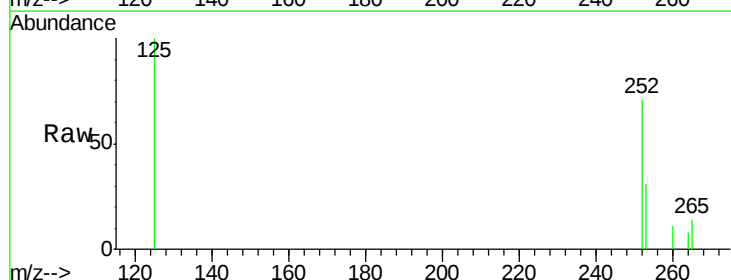
RT: 23.19 min Scan# 3600

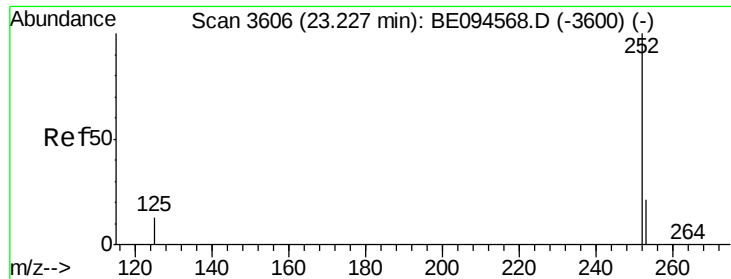
Delta R.T. 0.01 min

Lab File: BE094583.D

Acq: 27 Oct 2017 3:48

Tgt Ion:	252	Resp:	21108
Ion Ratio	Lower	Upper	
252	100		
253	43.9	0.0	64.2
125	141.4	0.0	35.0#





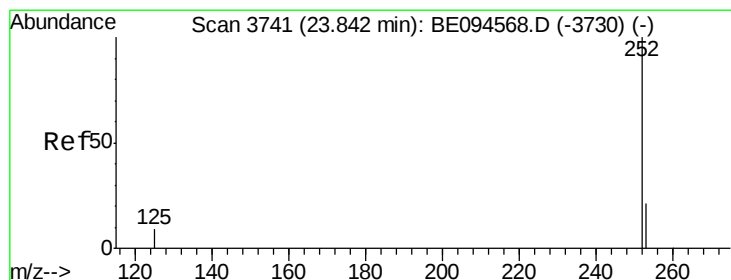
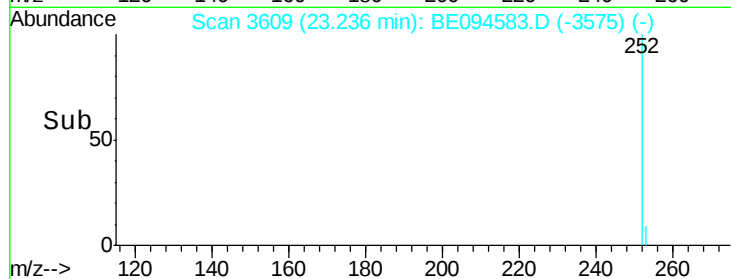
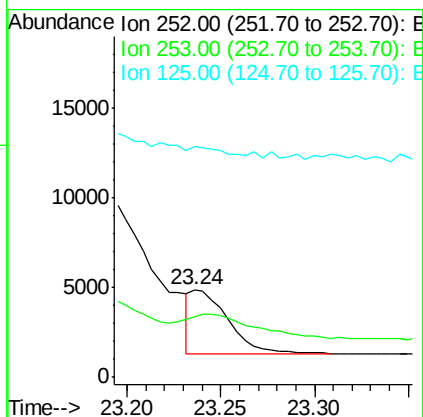
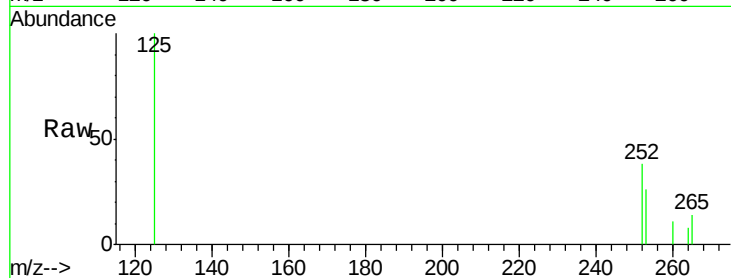
#22
Benzo(k)fluoranthene
Concen: 0.153 ng/ul m
RT: 23.24 min Scan# 3609
Delta R.T. 0.00 min
Lab File: BE094583.D
Acq: 27 Oct 2017 3:48

Instrument :
BNA_E
ClientSampleId :
B-16(0-1)_101217

Tgt Ion	Ratio	Lower	Upper
252	100		
253	69.3	24.5	36.7#
125	263.1	13.7	20.5#

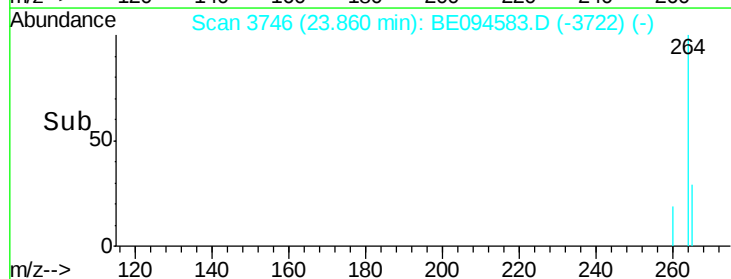
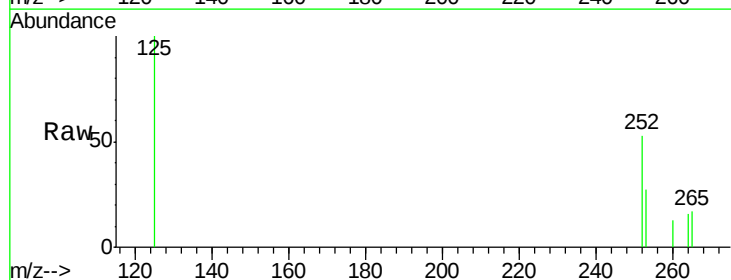
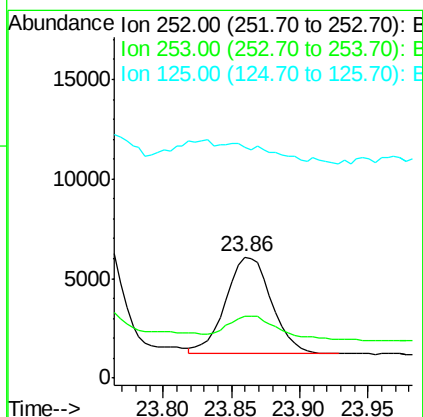
Manual Integrations
APPROVED

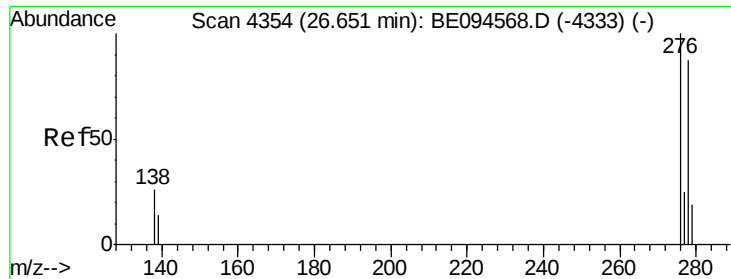
Sohil
10/27/2017 5:42:13 PM



#23
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.86 min Scan# 3746
Delta R.T. 0.01 min
Lab File: BE094583.D
Acq: 27 Oct 2017 3:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.0	28.5	42.7#
125	190.3	18.1	27.1#





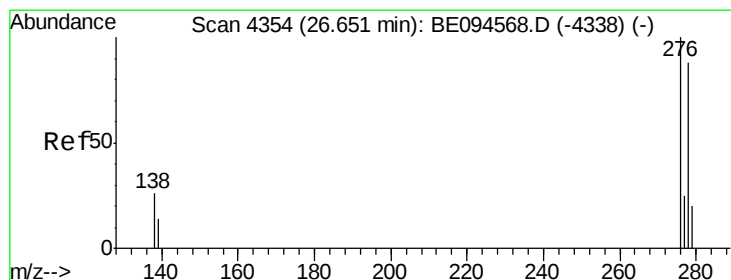
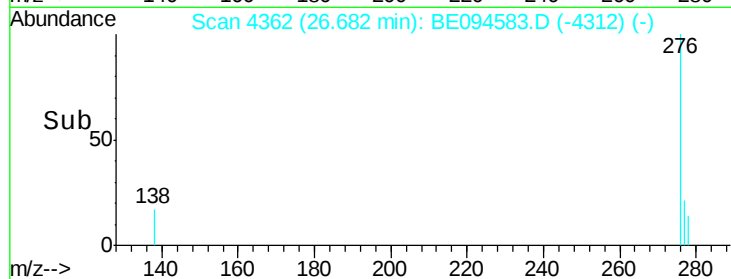
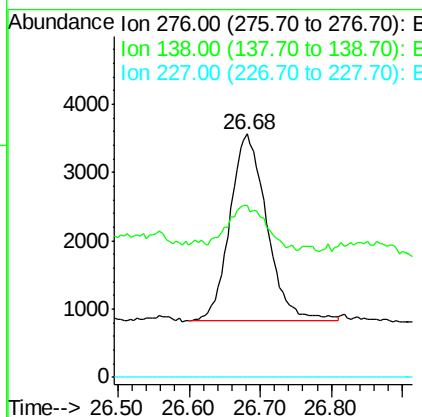
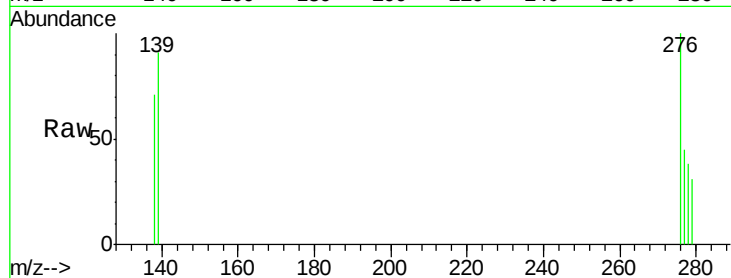
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.312 ng/u1
 RT: 26.68 min Scan# 4362
 Delta R.T. 0.03 min
 Lab File: BE094583.D
 Acq: 27 Oct 2017 3:48

Instrument :
 BNA_E
 ClientSampleId :
 B-16(0-1)_101217

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	28.0	42.0#
227	0.0	8.0	12.0#

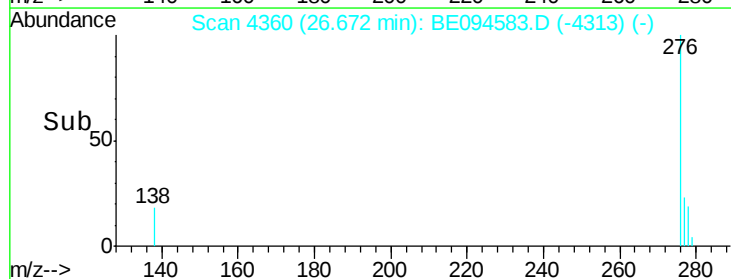
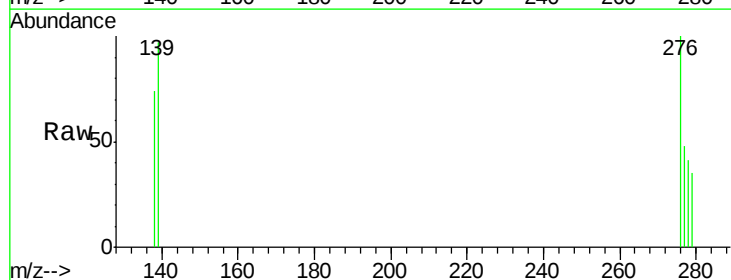
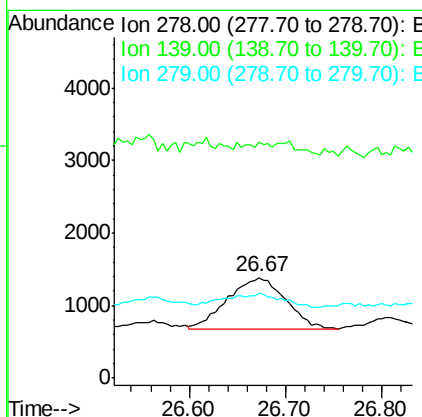
Manual Integrations
 APPROVED

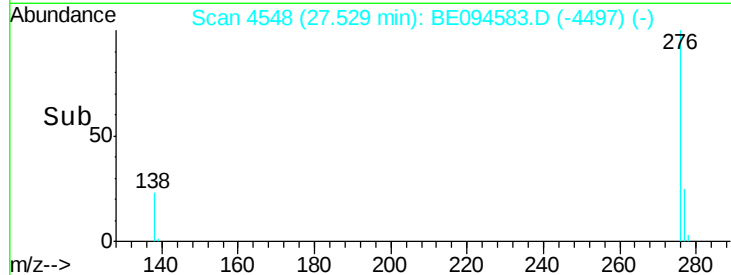
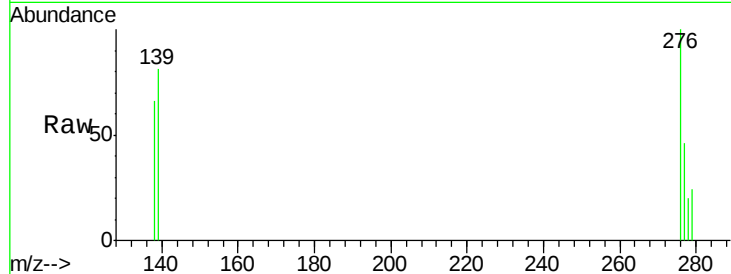
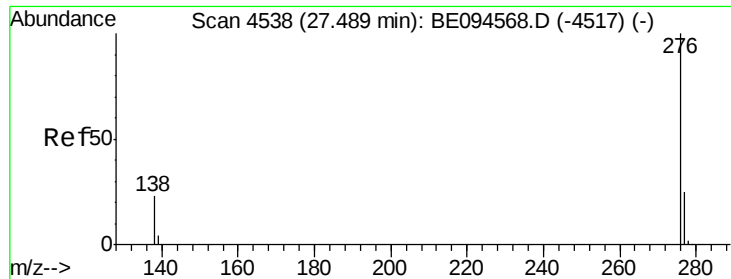
Sohil
 10/27/2017 5:42:13 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.111 ng/u1
 RT: 26.67 min Scan# 4360
 Delta R.T. 0.01 min
 Lab File: BE094583.D
 Acq: 27 Oct 2017 3:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	235.0	17.4	26.0#
279	84.1	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 27.53 min Scan# 4548
Delta R.T. 0.03 min
Lab File: BE094583.D
Acq: 27 Oct 2017 3:48

Instrument :
BNA_E
ClientSampleId :
B-16(0-1)_101217

Tgt Ion	Ratio	Lower	Upper
276	100		
138	66.1	21.8	32.8#
277	45.8	20.5	30.7#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:42:13 PM

