

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081117\
 Data File : BE093779.D
 Acq On : 11 Aug 2017 20:51
 Operator : SJ/JU
 Sample : I4529-07DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1DL

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:01:01 PM

Quant Time: Aug 12 02:49:36 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2653	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13837	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8405	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19079	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20434	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20344	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1430	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	3874	0.06	ng/ul	0.00
Target Compounds					Qvalue	
7) Acenaphthylene	14.24	152	767	0.022	ng/ul#	79
8) Acenaphthene	14.59	153	565	0.020	ng/ul	98
9) Fluorene	15.57	166	902	0.026	ng/ul#	86
12) Phenanthrene	17.29	178	14524	0.280	ng/ul#	91
13) Anthracene	17.38	178	2393	0.047	ng/ul#	93
15) Fluoranthene	19.30	202	33848	0.521	ng/ul	84
17) Pyrene	19.66	202	31213	0.523	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	14147	0.239	ng/ul#	87
19) Chrysene	21.45	228	14777	0.260	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	18281m	0.290	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	7272m	0.117	ng/ul	
23) Benzo(a)pyrene	23.80	252	13544	0.226	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.55	276	7986	0.121	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.55	278	1824	0.033	ng/ul#	78
26) Benzo(g,h,i)perylene	27.37	276	6331	0.114	ng/ul	98

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

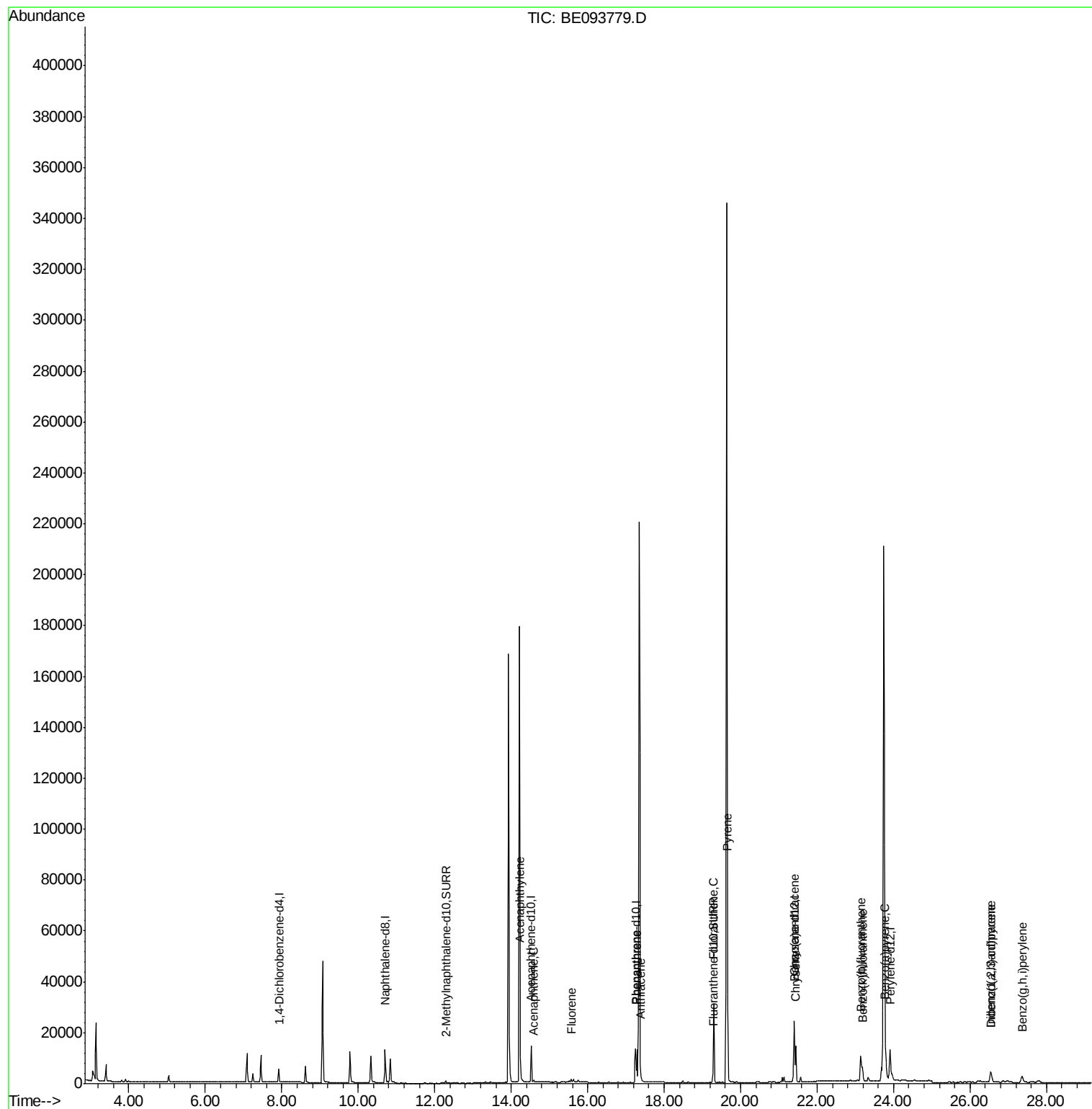
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081117\
Data File : BE093779.D
Acq On : 11 Aug 2017 20:51
Operator : SJ/JU
Sample : I4529-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

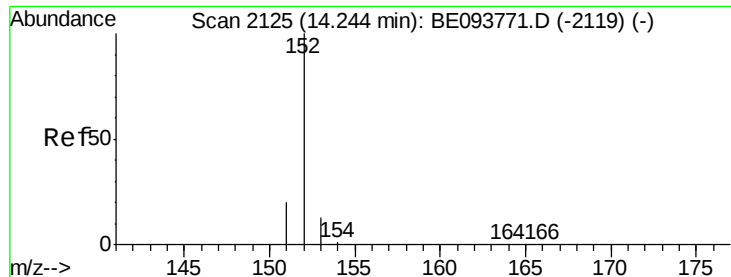
Instrument :
BNA_E
ClientSampleId :
C0AA1DL

Manual Integrations
APPROVED

sohil
8/14/2017 7:01:01 PM

Quant Time: Aug 12 02:49:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

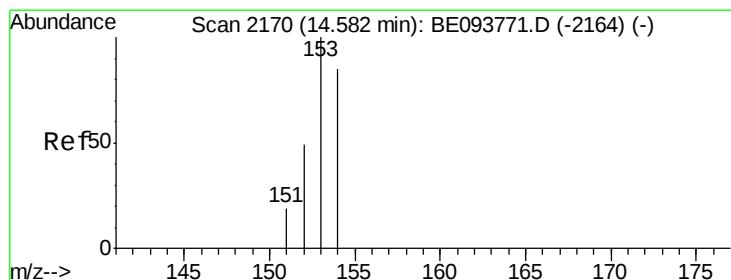
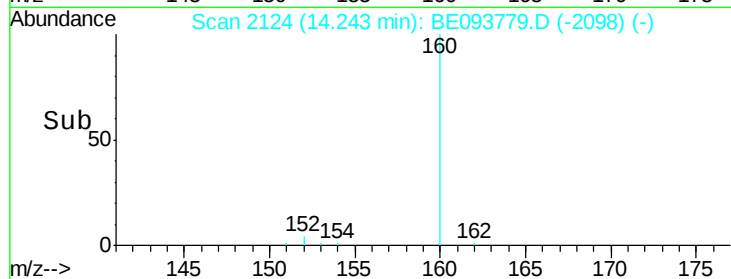
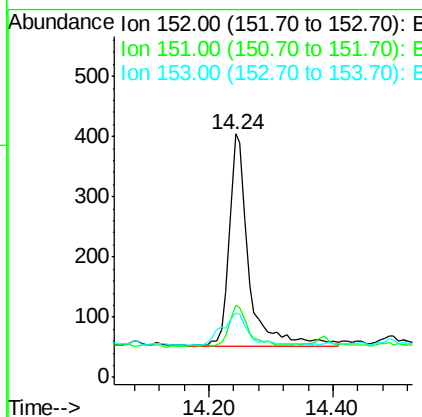
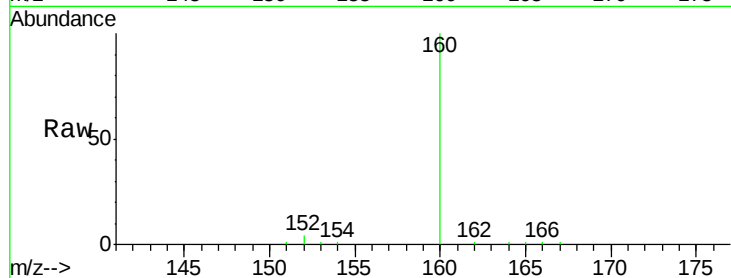
ClientSampleId :

C0AA1DL

Tgt Ion:	152	Resp:	767
Ion Ratio	Lower	Upper	
152	100		
151	29.5	17.1	25.7#
153	26.7	12.8	19.2#

Manual Integrations
APPROVED

sohil
8/14/2017 7:01:01 PM



#8

Acenaphthene

Concen: 0.020 ng/ul

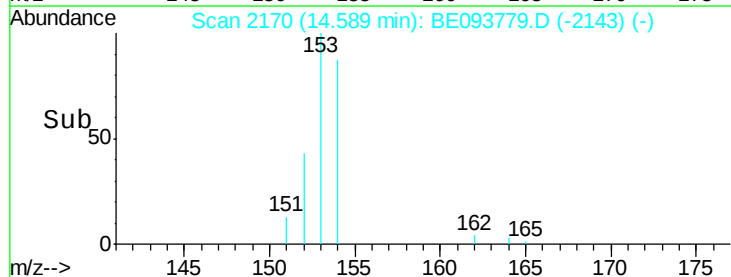
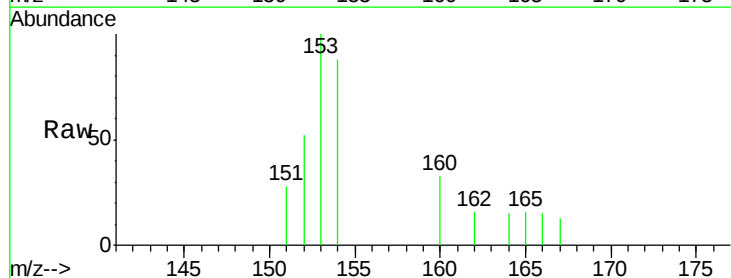
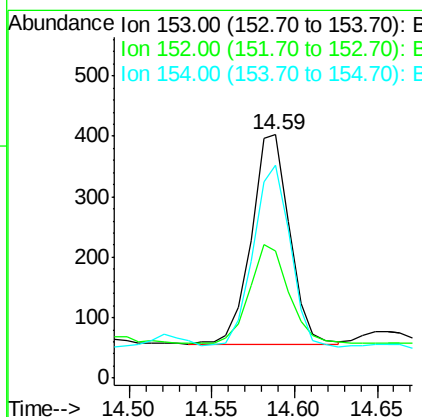
RT: 14.59 min Scan# 2170

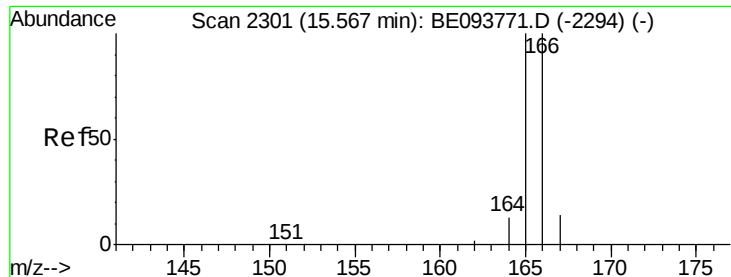
Delta R.T. 0.01 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Tgt Ion:	153	Resp:	565
Ion Ratio	Lower	Upper	
153	100		
152	52.1	40.3	60.5
154	87.6	71.4	107.2





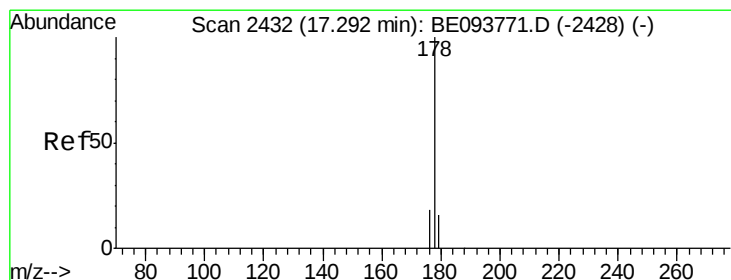
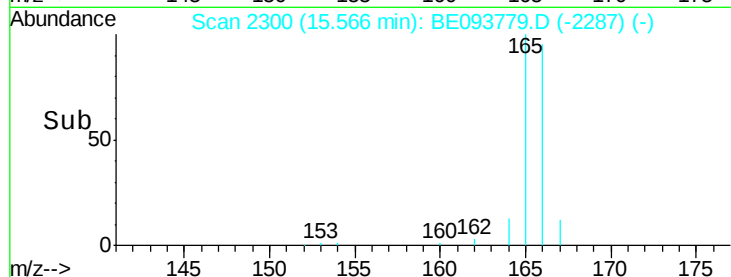
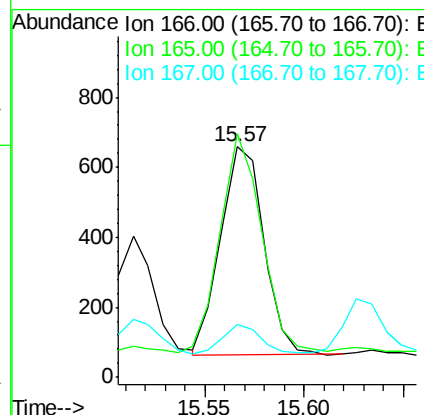
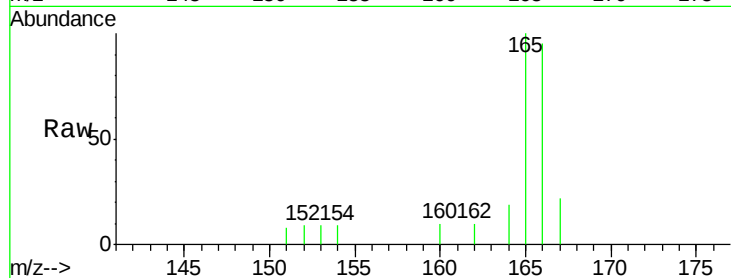
#9
Fluorene
 Concen: 0.026 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BE093779.D
 Acq: 11 Aug 2017 20:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.8	73.4	110.2
167	22.9	14.6	22.0

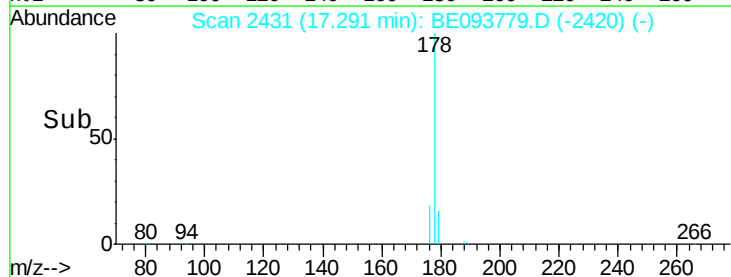
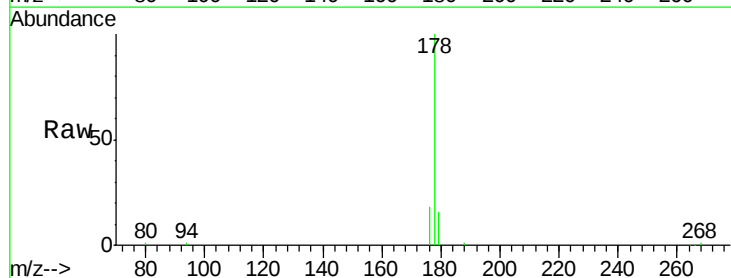
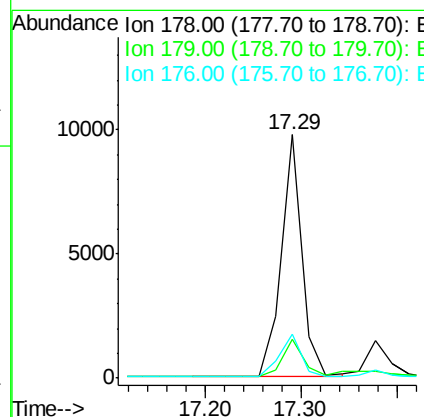
Manual Integrations
 APPROVED

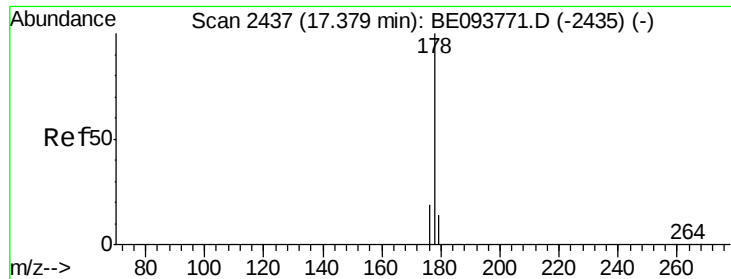
sohil
 8/14/2017 7:01:01 PM



#12
Phenanthrene
 Concen: 0.280 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE093779.D
 Acq: 11 Aug 2017 20:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6
176	18.1	13.6	20.4





#13

Anthracene

Concen: 0.047 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

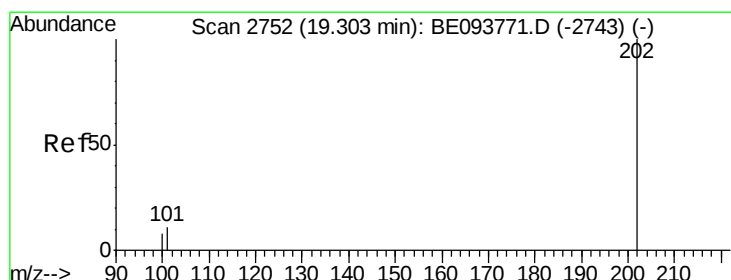
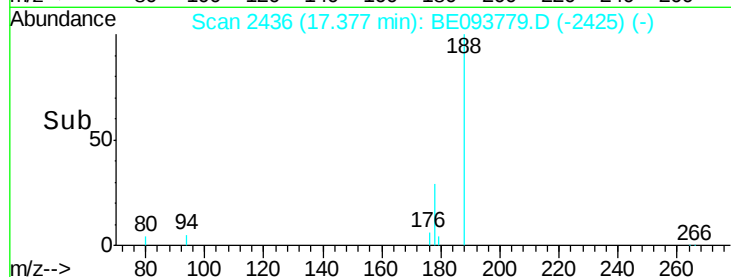
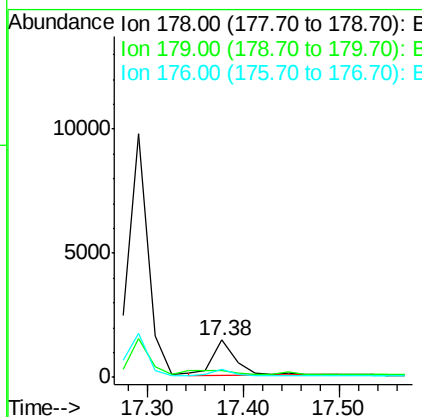
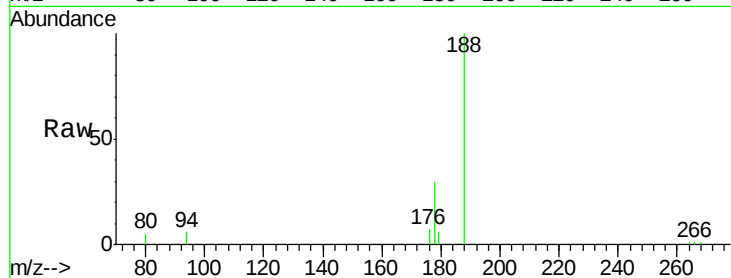
ClientSampleId :

C0AA1DL

Tgt Ion:	178	Resp:	2393
Ion Ratio	Lower	Upper	
178	100		
179	19.5	18.1	27.1
176	22.2	14.7	22.1#

Manual Integrations
APPROVED

sohil
8/14/2017 7:01:01 PM



#15

Fluoranthene

Concen: 0.521 ng/ul

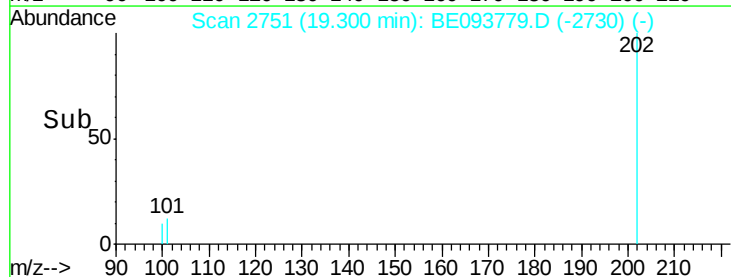
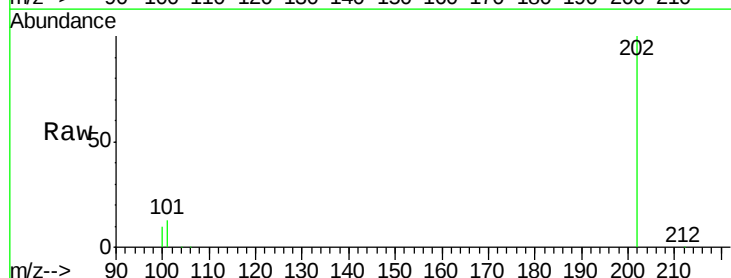
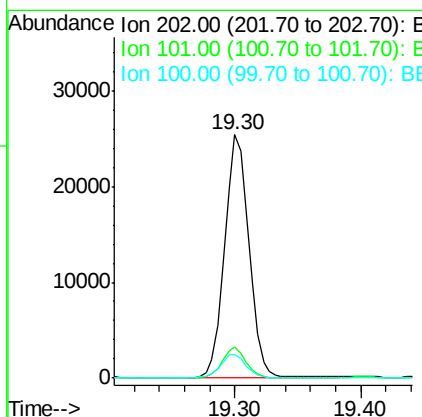
RT: 19.30 min Scan# 2751

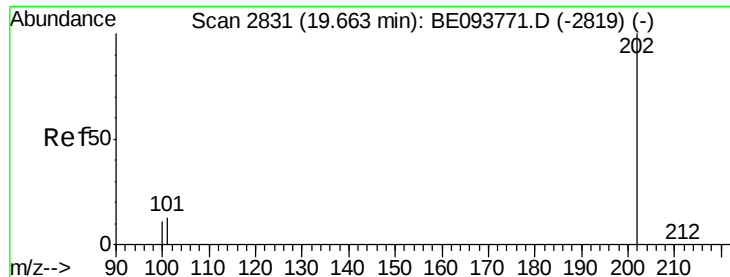
Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Tgt Ion:	202	Resp:	33848
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	30.3
100	9.8	0.0	39.5





#17

Pyrene

Concen: 0.523 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

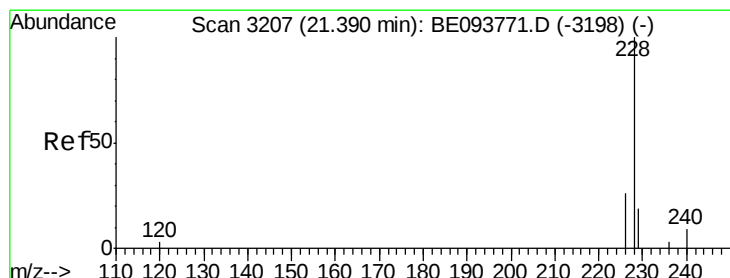
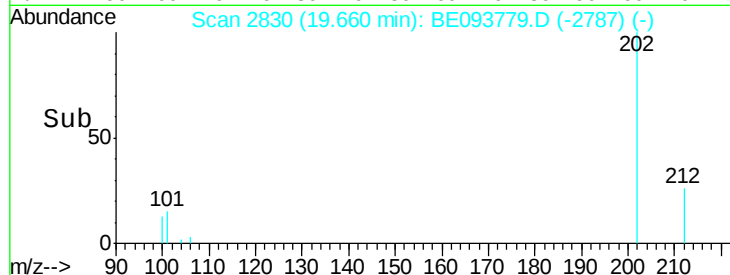
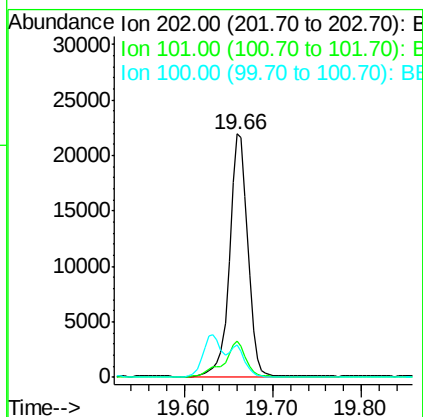
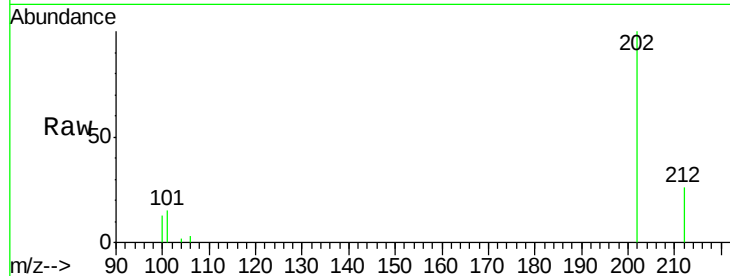
ClientSampleId :

C0AA1DL

Tgt Ion:	202	Resp:	31213
Ion Ratio	Lower	Upper	
202	100		
101	15.0	18.2	27.4#
100	13.4	15.6	23.4#

Manual Integrations
APPROVED

sohil
8/14/2017 7:01:01 PM



#18

Benzo(a)anthracene

Concen: 0.239 ng/ul

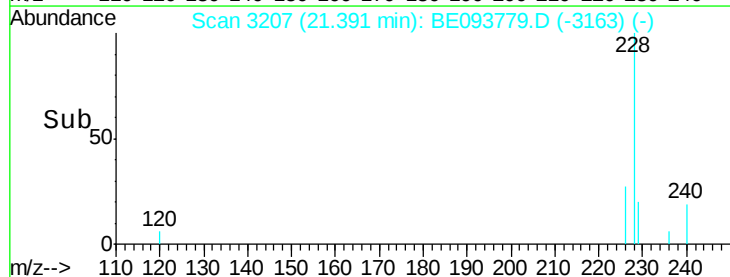
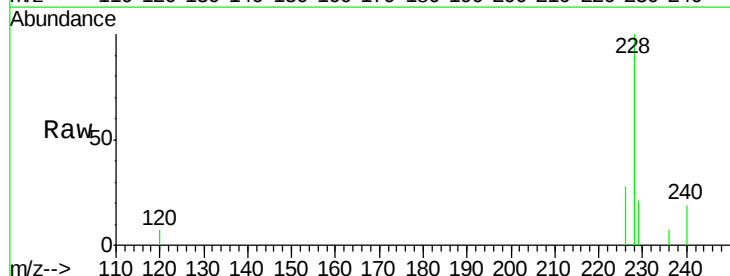
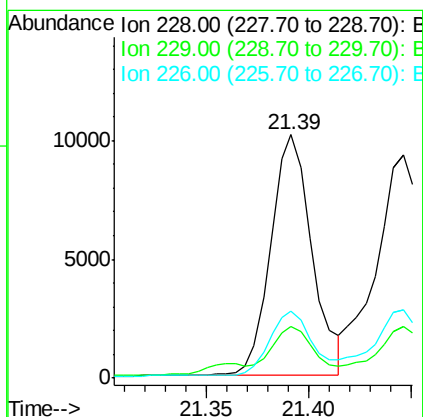
RT: 21.39 min Scan# 3207

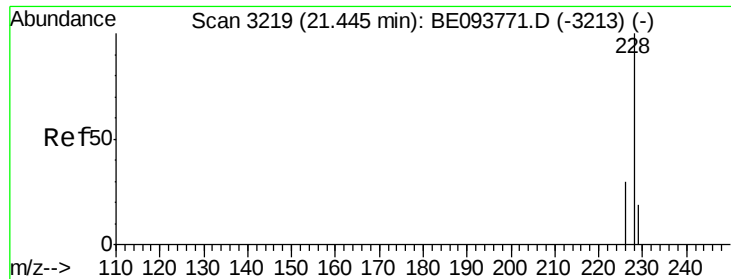
Delta R.T. 0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Tgt Ion:	228	Resp:	14147
Ion Ratio	Lower	Upper	
228	100		
229	21.4	22.8	34.2#
226	27.7	17.0	25.6#





#19

Chrysene

Concen: 0.260 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

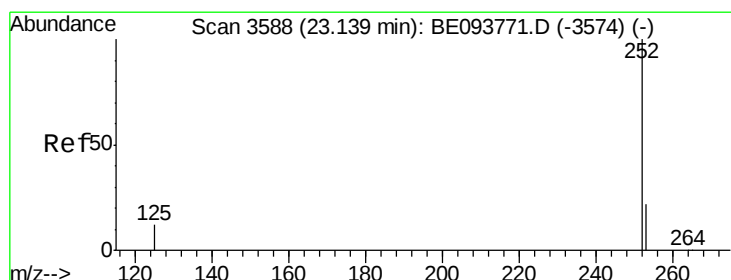
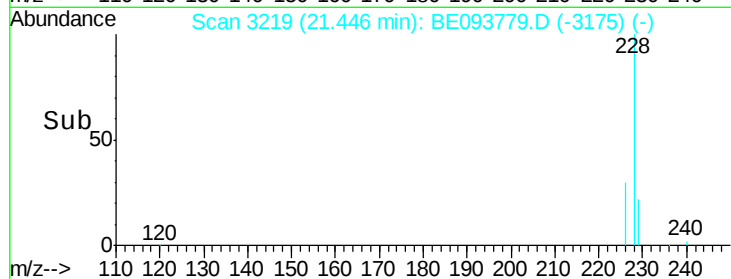
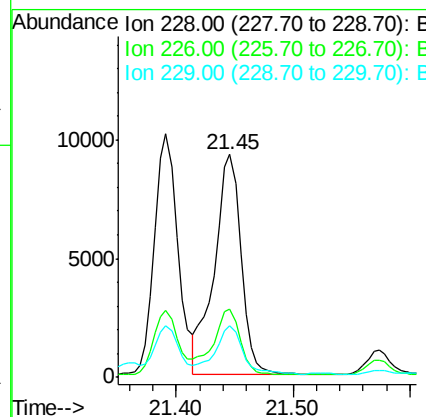
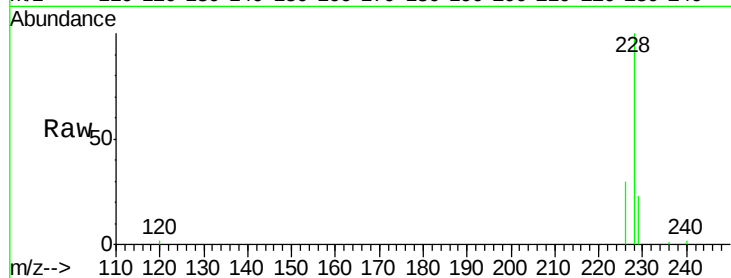
ClientSampleId :

C0AA1DL

Tgt Ion:	228	Resp:	14777
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.0
229	23.1	17.7	26.5

Manual Integrations
APPROVED

sohil
8/14/2017 7:01:01 PM



#21

Benzo(b)fluoranthene

Concen: 0.290 ng/ul m

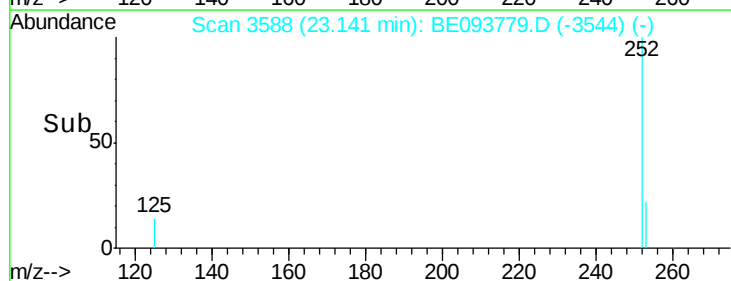
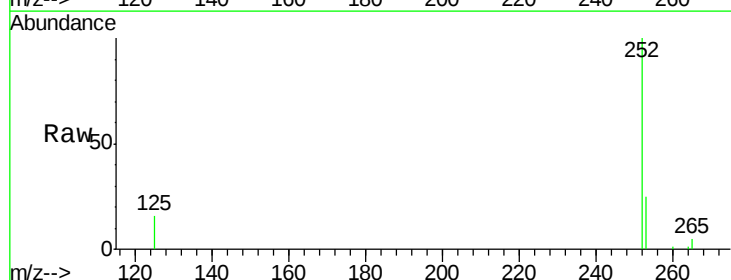
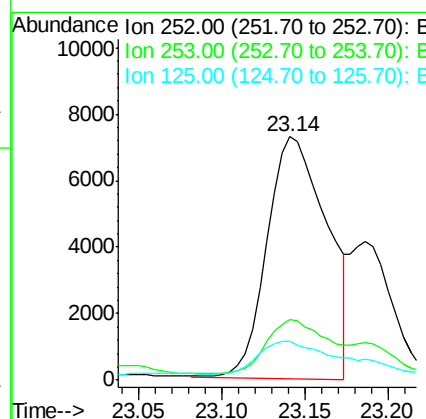
RT: 23.14 min Scan# 3588

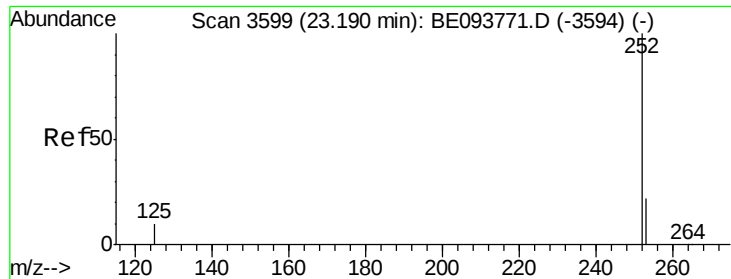
Delta R.T. 0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Tgt Ion:	252	Resp:	18281
Ion Ratio	Lower	Upper	
252	100		
253	24.6	0.0	64.2
125	15.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.117 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BE093779.D

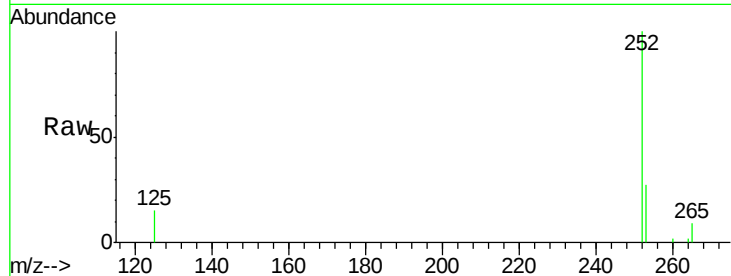
Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampleId :

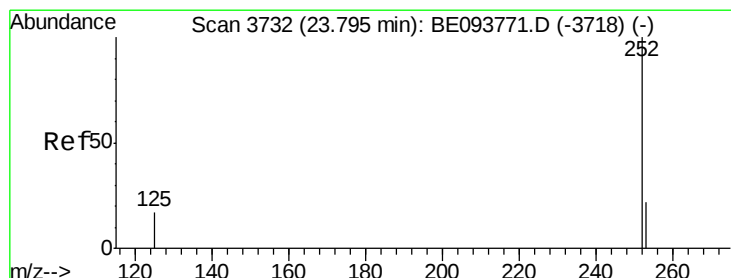
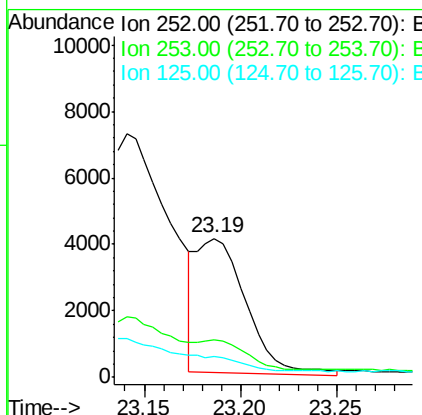
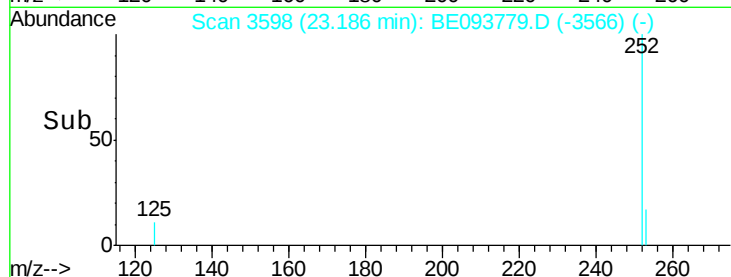
C0AA1DL



Tgt Ion:	252	Resp:	7272
Ion Ratio	Lower	Upper	
252	100		
253	27.1	24.5	36.7
125	14.9	13.7	20.5

Manual Integrations
APPROVED

sohil
8/14/2017 7:01:01 PM



#23

Benzo(a)pyrene

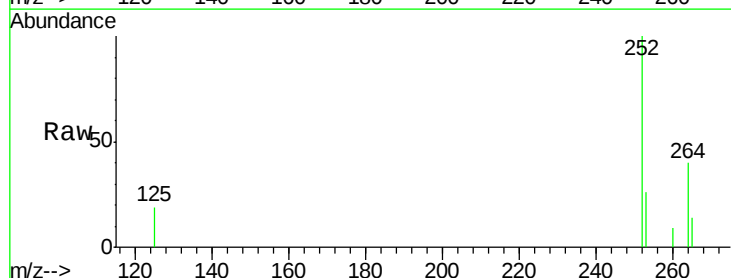
Concen: 0.226 ng/ul

RT: 23.80 min Scan# 3732

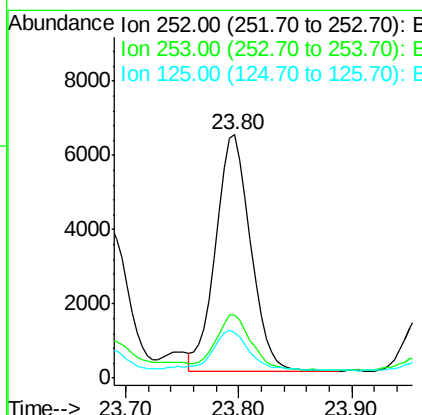
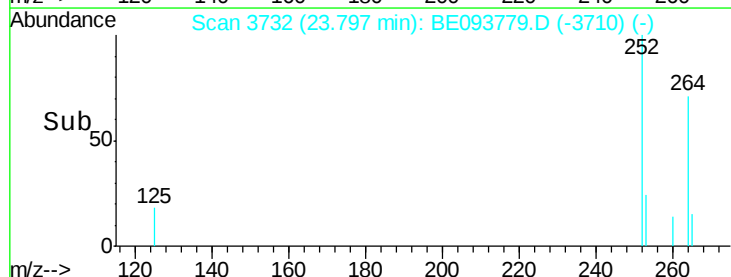
Delta R.T. 0.00 min

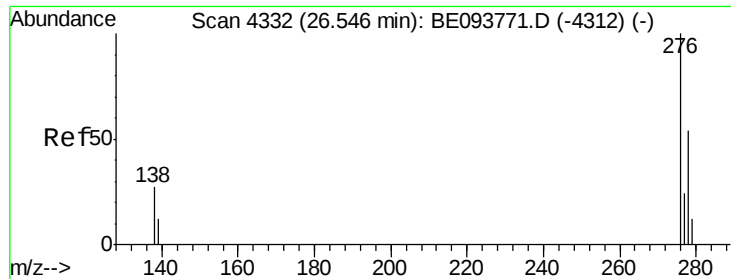
Lab File: BE093779.D

Acq: 11 Aug 2017 20:51



Tgt Ion:	252	Resp:	13544
Ion Ratio	Lower	Upper	
252	100		
253	25.8	28.5	42.7#
125	18.6	18.1	27.1





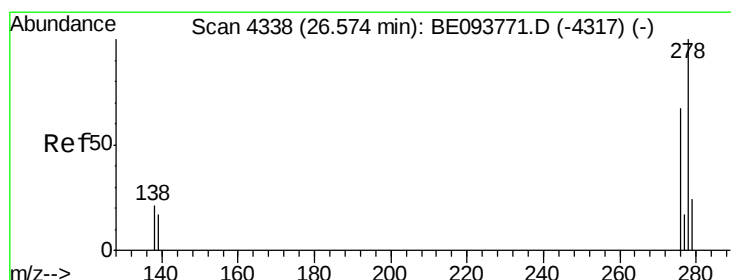
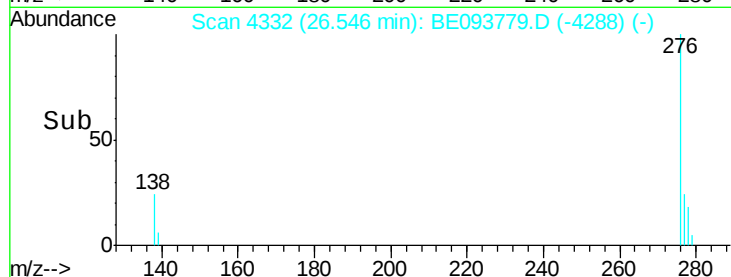
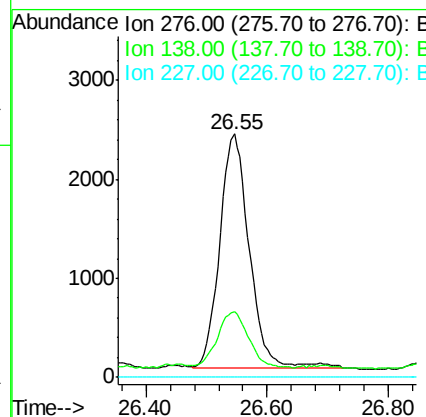
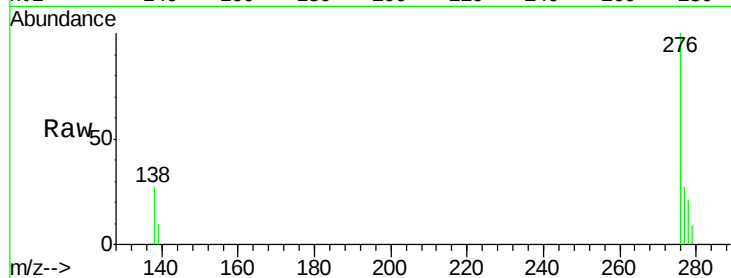
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.121 ng/u1
 RT: 26.55 min Scan# 4332
 Delta R.T. -0.00 min
 Lab File: BE093779.D
 Acq: 11 Aug 2017 20:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	7986		
138	25.8		28.0	42.0#
227	0.0		8.0	12.0#

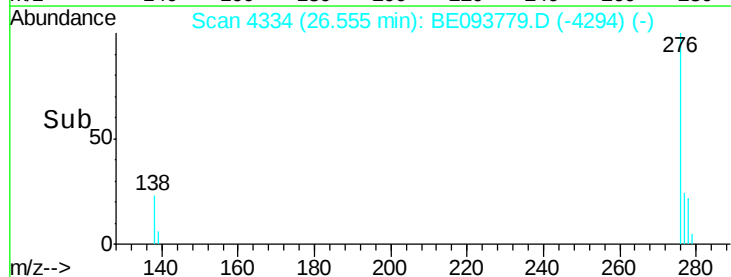
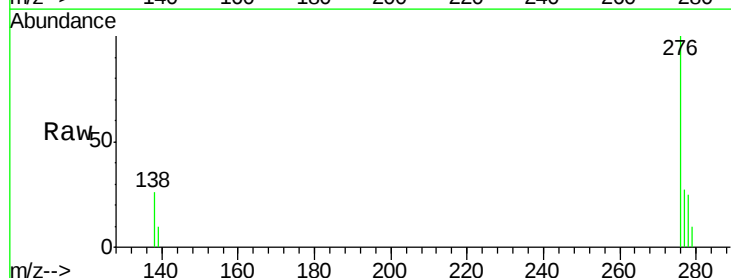
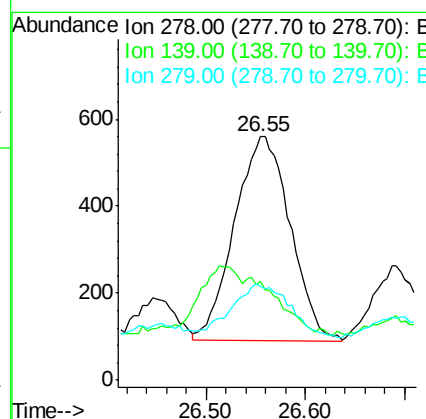
Manual Integrations
 APPROVED

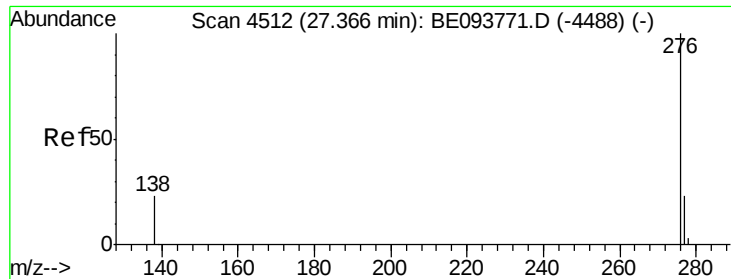
sohil
 8/14/2017 7:01:01 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.033 ng/u1
 RT: 26.55 min Scan# 4334
 Delta R.T. -0.02 min
 Lab File: BE093779.D
 Acq: 11 Aug 2017 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	1824		
139	40.5		17.4	26.0#
279	38.4		25.9	38.9





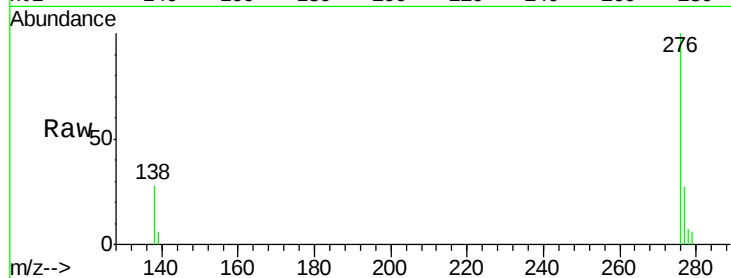
#26
 Benzo(g,h,i)perylene
 Concen: 0.114 ng/ul
 RT: 27.37 min Scan# 4512
 Delta R.T. -0.00 min
 Lab File: BE093779.D
 Acq: 11 Aug 2017 20:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1DL

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		6331		
138	27.6	21.8	32.8		
277	27.5	20.5	30.7		

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:01:01 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

