

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
 Data File : BE093577.D
 Acq On : 25 Jul 2017 14:59
 Operator : SJ/JU
 Sample : I4209-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B17

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:44 PM

Quant Time: Jul 25 18:05:22 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 18:00:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2307	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11741	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7550	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19456	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22426	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17987m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1732	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	14612	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	1268	0.044	ng/ul#	90
12) Phenanthrene	17.29	178	4220	0.080	ng/ul#	90
13) Anthracene	17.38	178	3186	0.062	ng/ul#	94
15) Fluoranthene	19.31	202	69105	1.043	ng/ul	84
17) Pyrene	19.67	202	69251	1.058	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	72681	1.118	ng/ul#	89
19) Chrysene	21.45	228	64762	1.038	ng/ul	100
21) Benzo(b)fluoranthene	23.14	252	84400	1.517	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	36178m	0.659	ng/ul	
23) Benzo(a)pyrene	23.80	252	68559m	1.295	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	34069m	0.583	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	10126m	0.207	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	24778m	0.503	ng/ul	

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

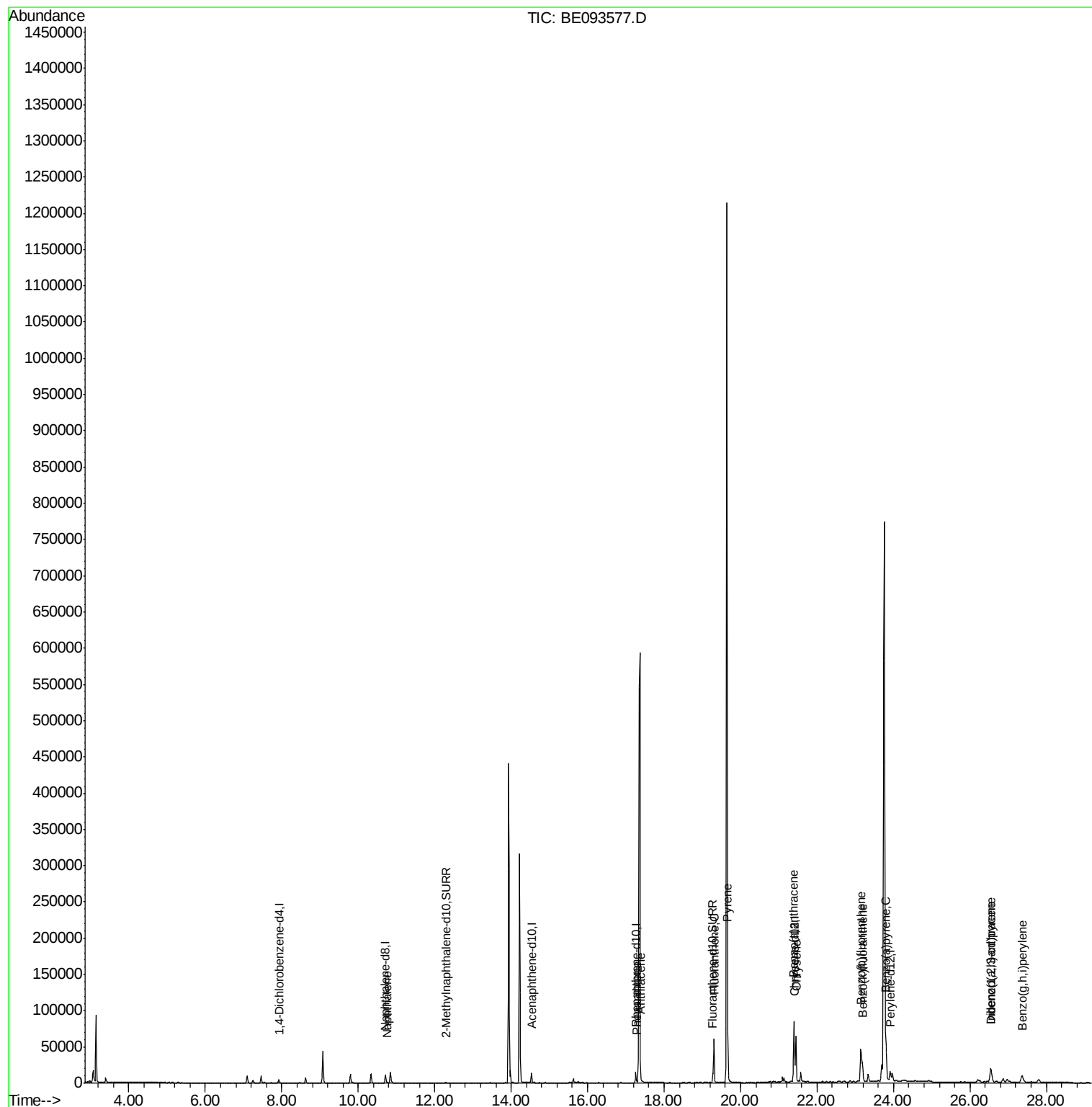
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
Data File : BE093577.D
Acq On : 25 Jul 2017 14:59
Operator : SJ/JU
Sample : I4209-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

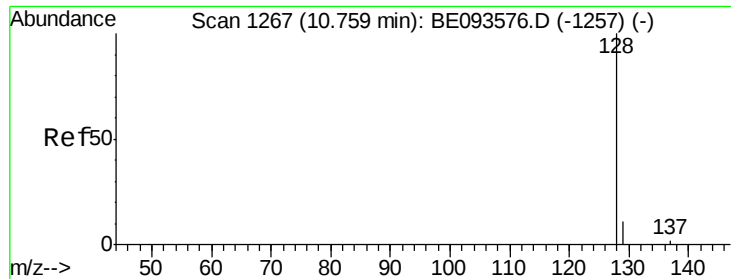
Instrument :
BNA_E
ClientSampleId :
C0B17

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:44 PM

Quant Time: Jul 25 18:05:22 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.044 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093577.D

Acq: 25 Jul 2017 14:59

Instrument :

BNA_E

ClientSampled :

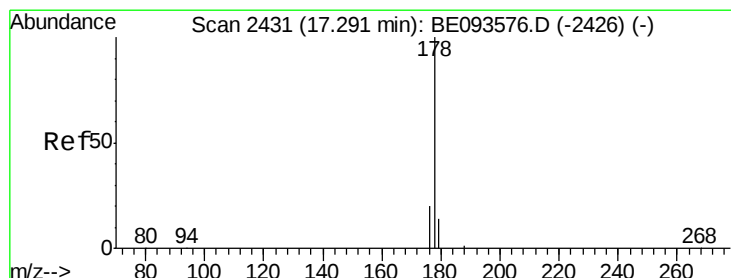
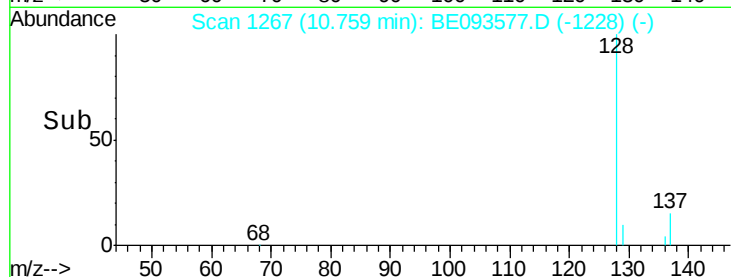
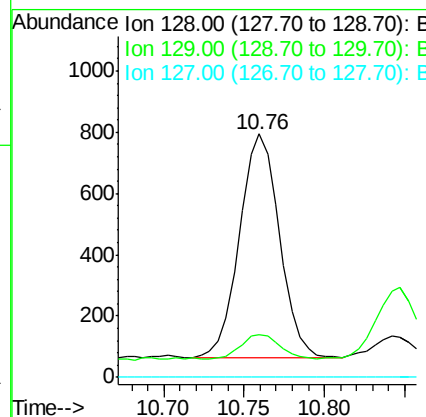
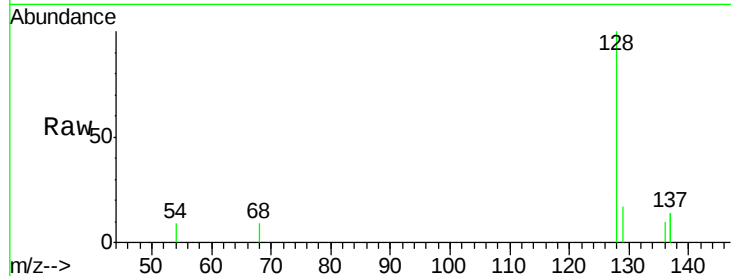
C0B17

Tgt Ion:	128	Resp:	1268
Ion Ratio	Lower	Upper	
128	100		
129	17.4	11.3	16.9#
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil

7/26/2017 5:55:44 PM



#12

Phenanthrene

Concen: 0.080 ng/ul

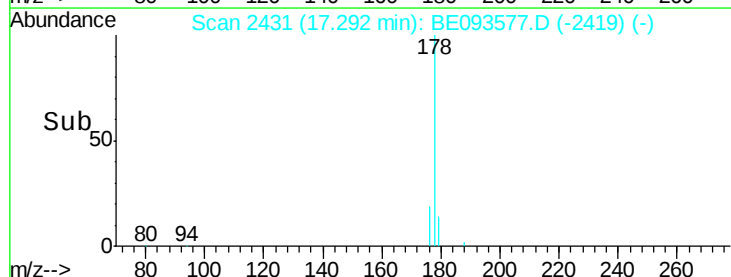
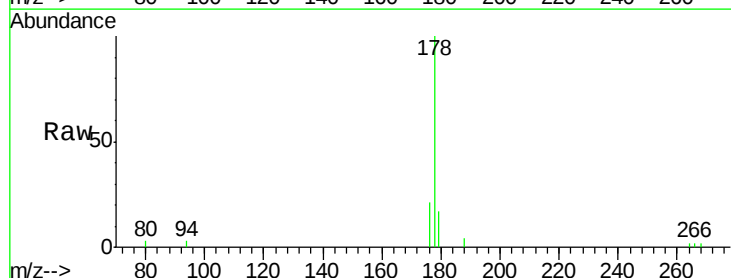
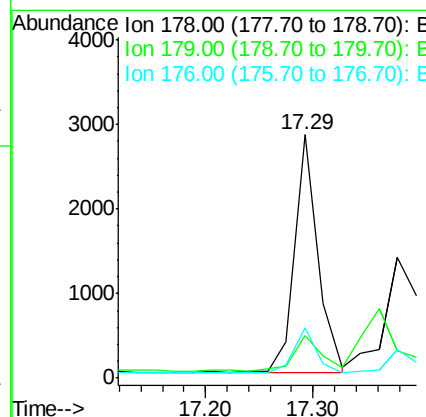
RT: 17.29 min Scan# 2431

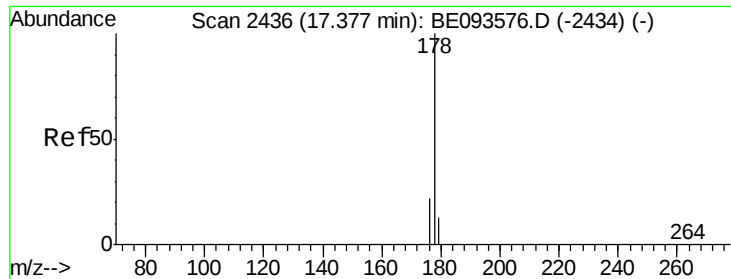
Delta R.T. 0.00 min

Lab File: BE093577.D

Acq: 25 Jul 2017 14:59

Tgt Ion:	178	Resp:	4220
Ion Ratio	Lower	Upper	
178	100		
179	17.4	18.4	27.6#
176	20.8	13.6	20.4#





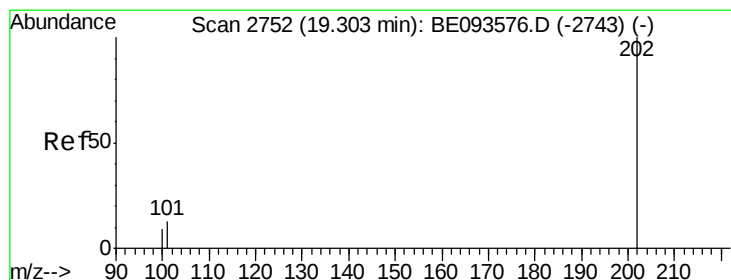
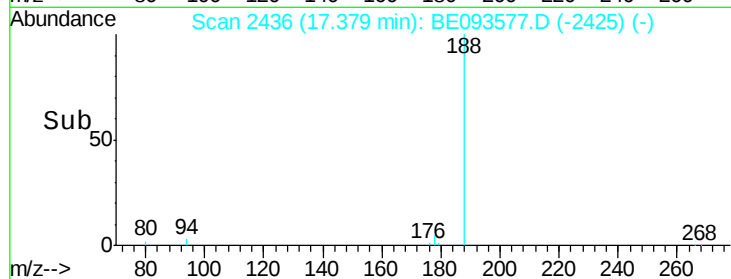
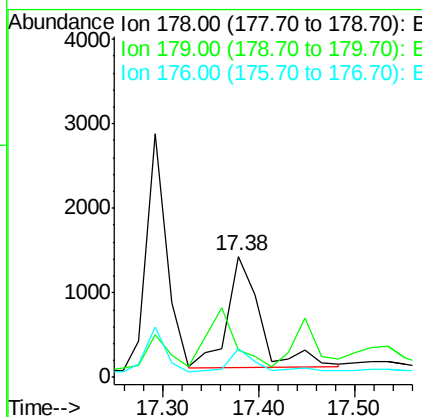
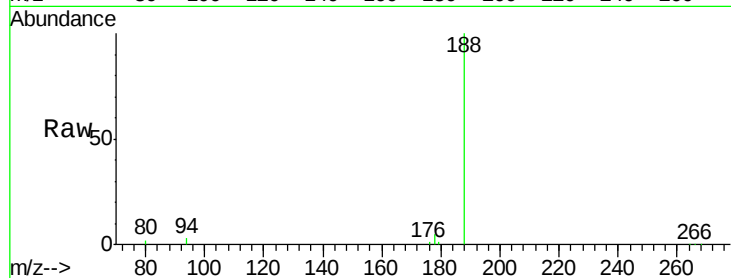
#13
 Anthracene
 Concen: 0.062 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE093577.D
 Acq: 25 Jul 2017 14:59

Instrument :
 BNA_E
 ClientSampleId :
 C0B17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.3	18.1	27.1
176	23.5	14.7	22.1

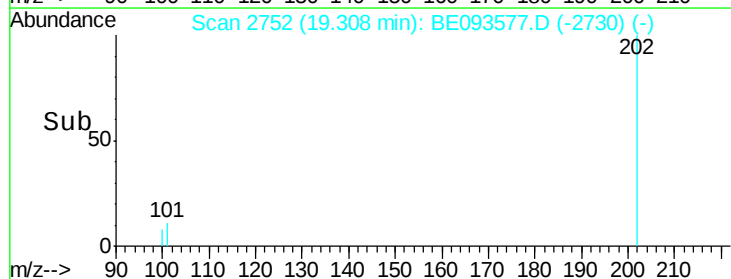
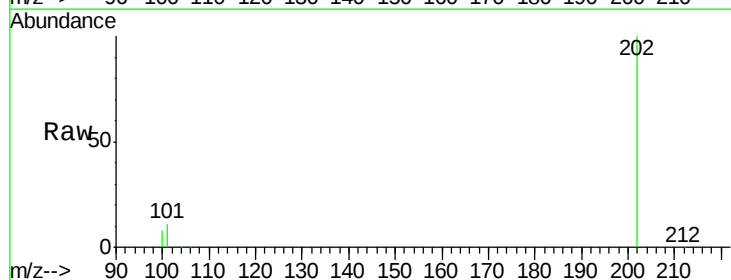
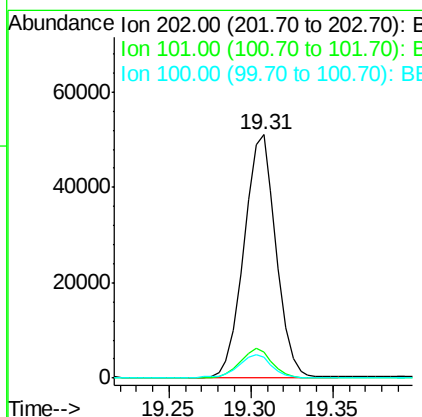
Manual Integrations
 APPROVED

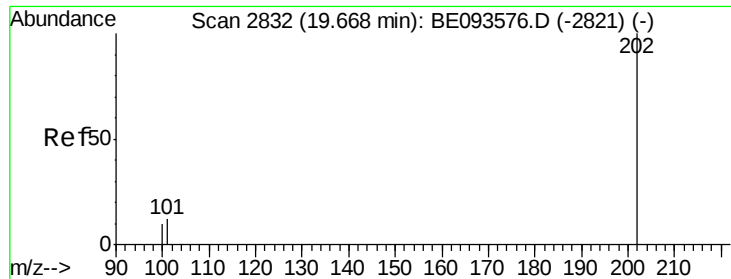
Sohil
 7/26/2017 5:55:44 PM



#15
 Fluoranthene
 Concen: 1.043 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE093577.D
 Acq: 25 Jul 2017 14:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.5	0.0	39.5





#17

Pyrene

Concen: 1.058 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE093577.D

Acq: 25 Jul 2017 14:59

Instrument :

BNA_E

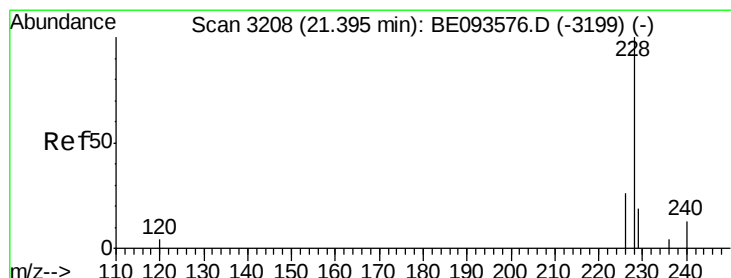
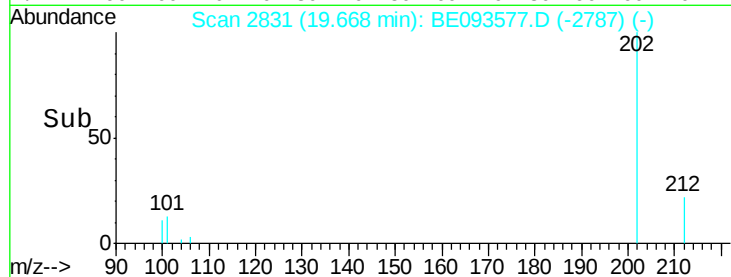
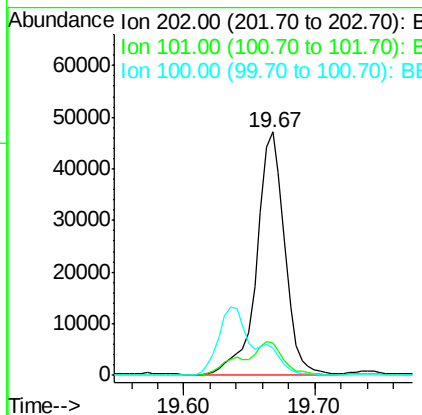
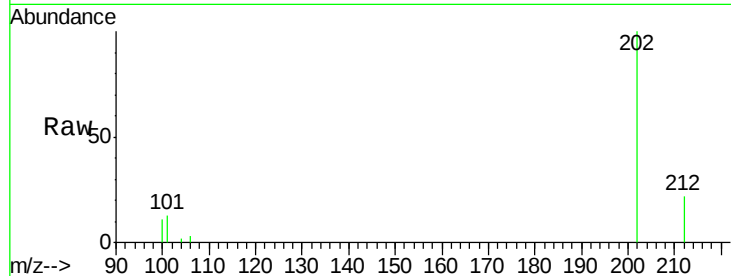
ClientSampleId :

C0B17

Tgt Ion:	202	Resp:	69251
Ion Ratio	Lower	Upper	
202	100		
101	13.2	18.2	27.4#
100	11.2	15.6	23.4#

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:44 PM



#18

Benzo(a)anthracene

Concen: 1.118 ng/ul

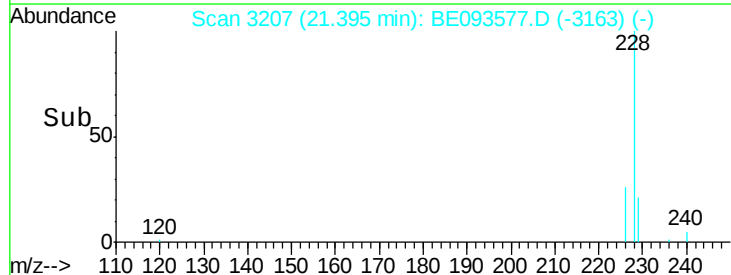
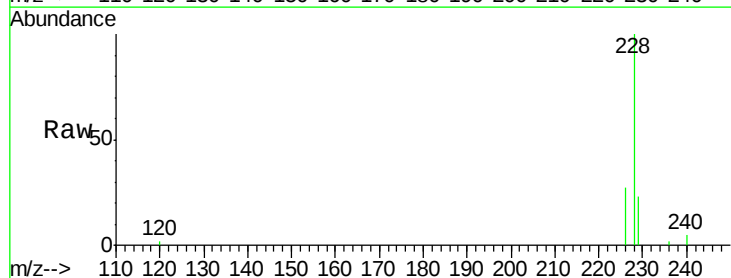
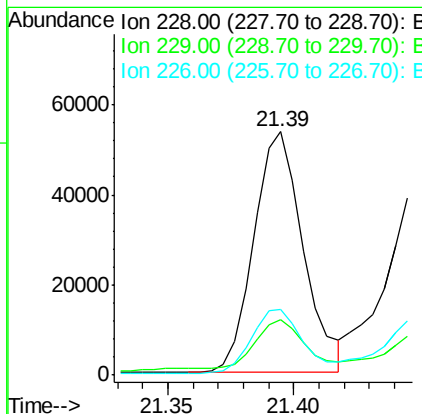
RT: 21.39 min Scan# 3207

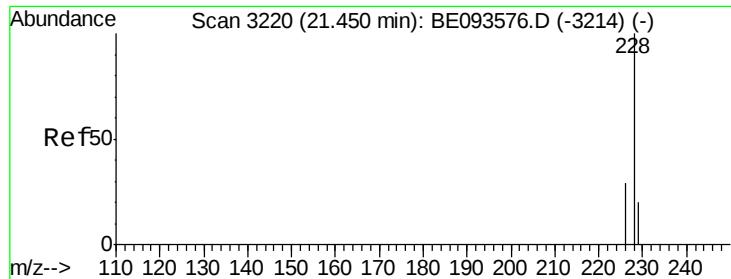
Delta R.T. -0.00 min

Lab File: BE093577.D

Acq: 25 Jul 2017 14:59

Tgt Ion:	228	Resp:	72681
Ion Ratio	Lower	Upper	
228	100		
229	22.7	22.8	34.2#
226	27.0	17.0	25.6#





#19

Chrysene

Concen: 1.038 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093577.D

Acq: 25 Jul 2017 14:59

Instrument :

BNA_E

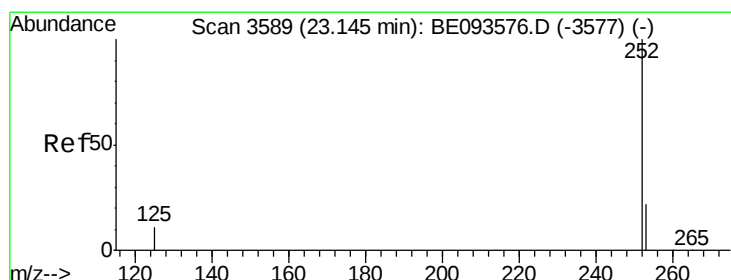
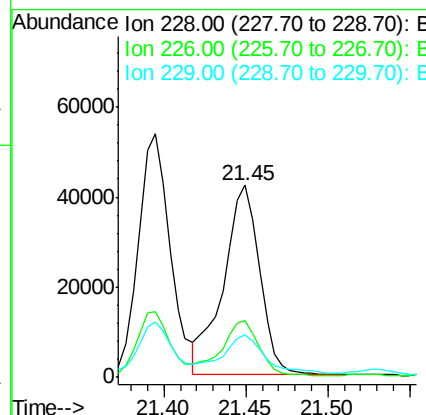
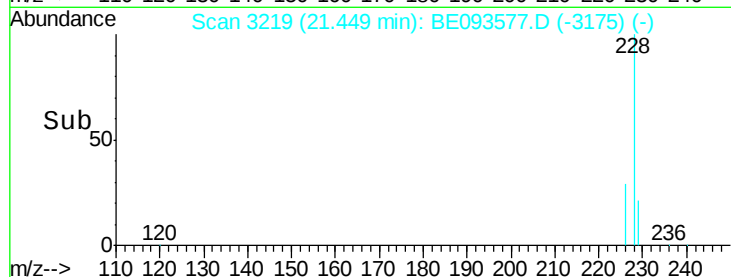
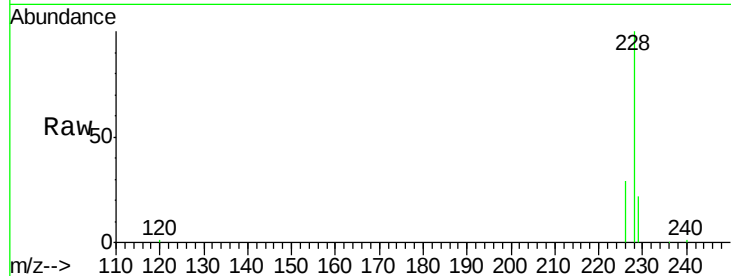
ClientSampleId :

C0B17

Tgt Ion:	228	Resp:	64762
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.0
229	22.2	17.7	26.5

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:44 PM



#21

Benzo(b)fluoranthene

Concen: 1.517 ng/ul

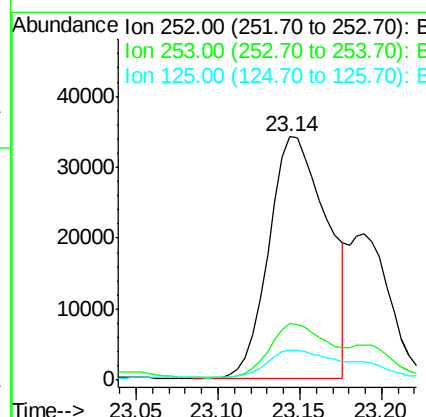
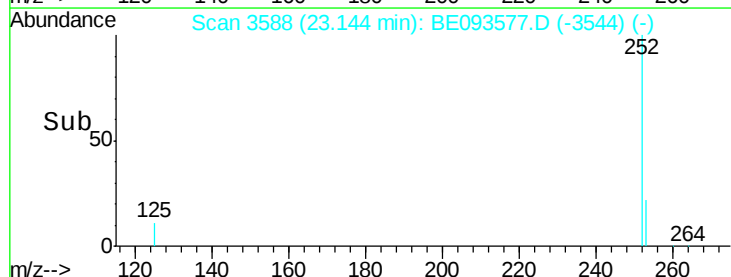
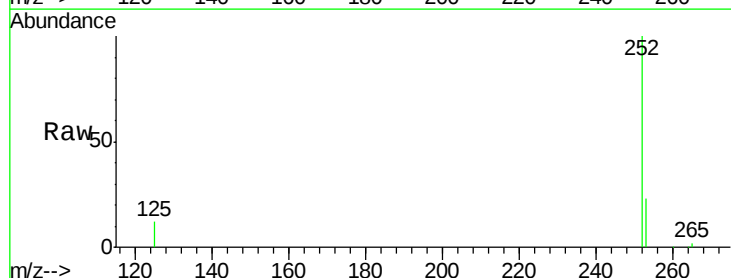
RT: 23.14 min Scan# 3588

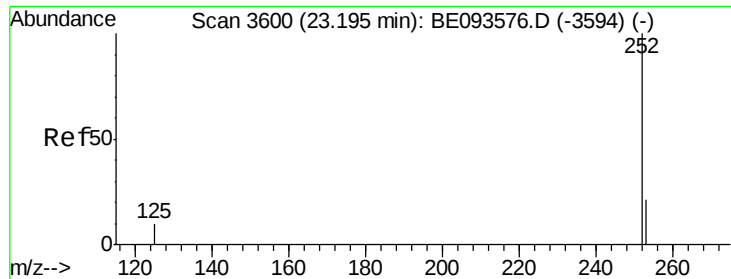
Delta R.T. -0.00 min

Lab File: BE093577.D

Acq: 25 Jul 2017 14:59

Tgt Ion:	252	Resp:	84400
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	12.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.659 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BE093577.D

Acq: 25 Jul 2017 14:59

Instrument :

BNA_E

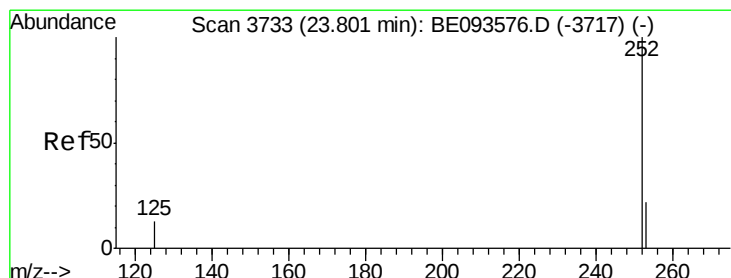
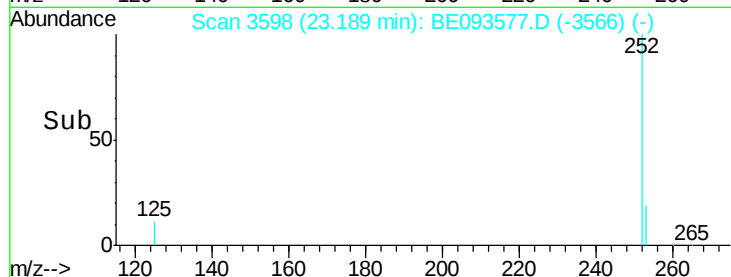
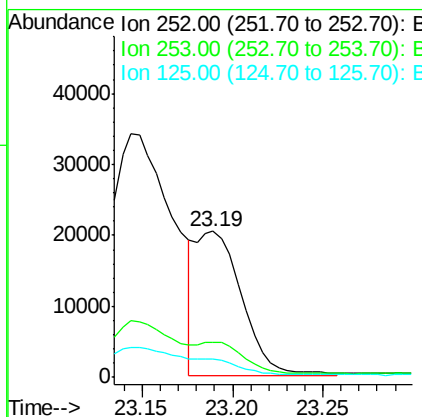
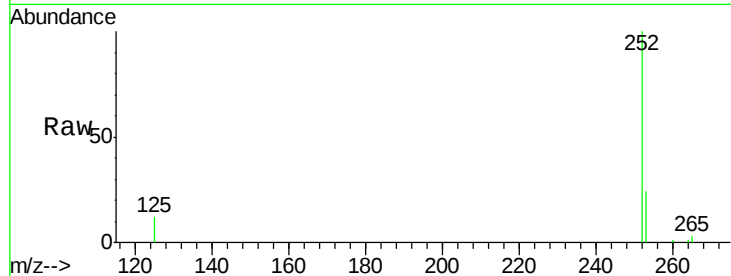
ClientSampleId :

C0B17

Tgt Ion:	252	Resp:	36178
Ion Ratio	Lower	Upper	
252	100		
253	24.1	24.5	36.7#
125	12.3	13.7	20.5#

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:44 PM



#23

Benzo(a)pyrene

Concen: 1.295 ng/ul m

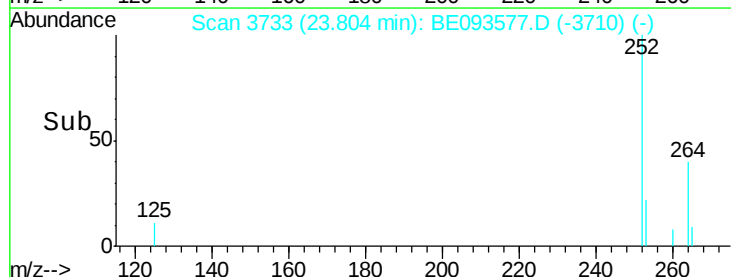
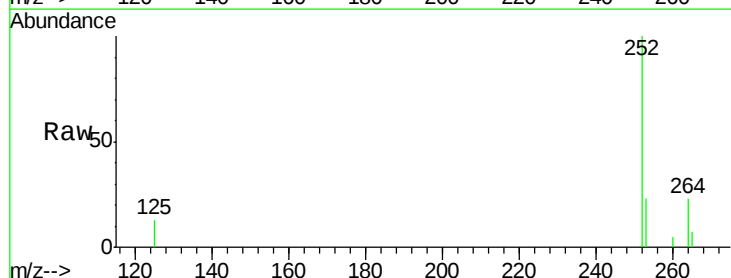
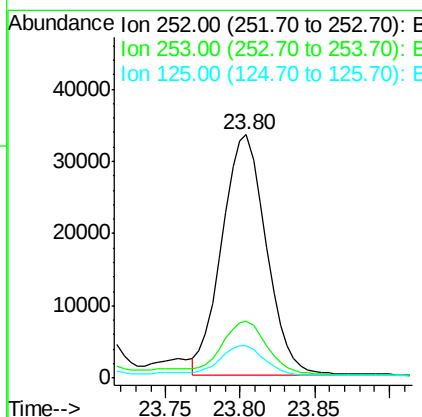
RT: 23.80 min Scan# 3733

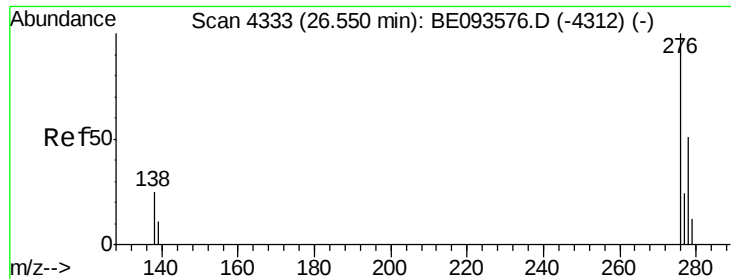
Delta R.T. 0.00 min

Lab File: BE093577.D

Acq: 25 Jul 2017 14:59

Tgt Ion:	252	Resp:	68559
Ion Ratio	Lower	Upper	
252	100		
253	23.4	28.5	42.7#
125	13.4	18.1	27.1#





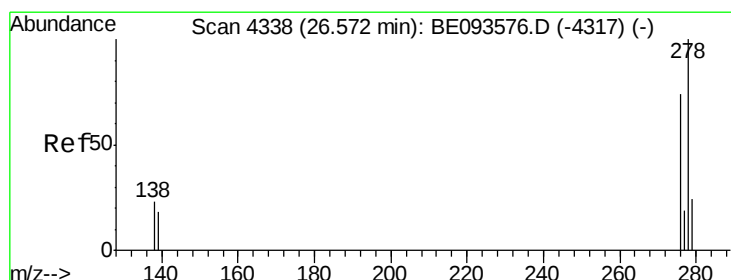
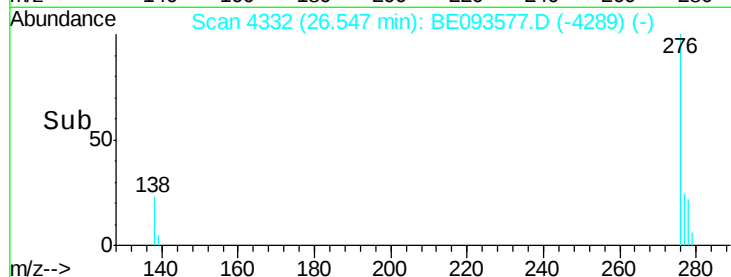
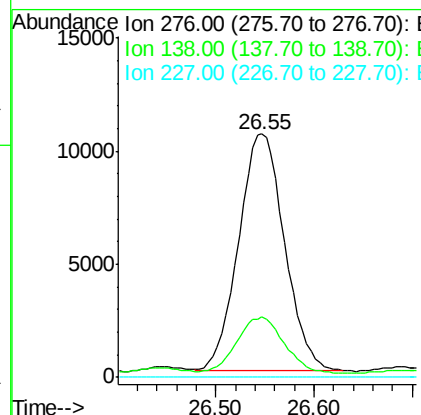
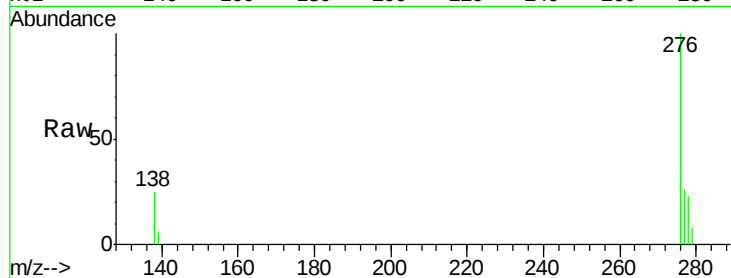
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.583 ng/ul m
 RT: 26.55 min Scan# 4332
 Delta R.T. -0.00 min
 Lab File: BE093577.D
 Acq: 25 Jul 2017 14:59

Instrument :
 BNA_E
 ClientSampled :
 C0B17

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

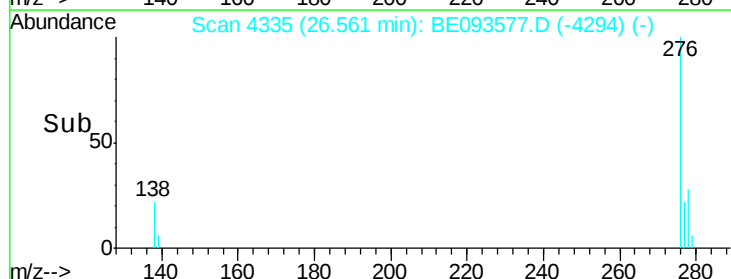
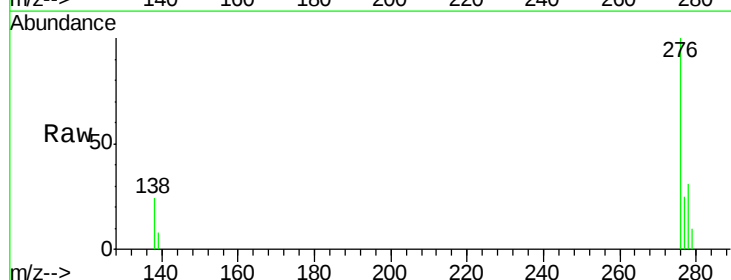
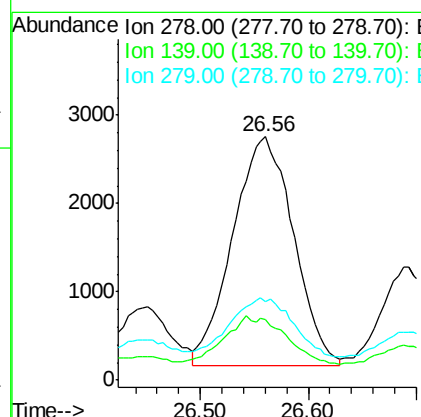
Manual Integrations
 APPROVED

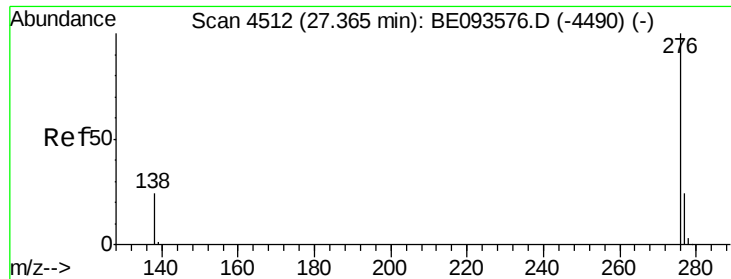
Sohil
 7/26/2017 5:55:44 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.207 ng/ul m
 RT: 26.56 min Scan# 4335
 Delta R.T. -0.01 min
 Lab File: BE093577.D
 Acq: 25 Jul 2017 14:59

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	24.8	17.4	26.0
279	32.4	25.9	38.9





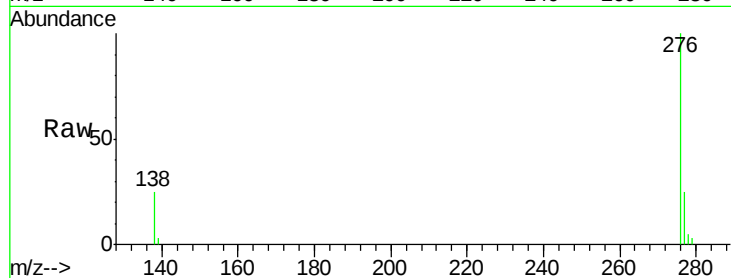
#26
Benzo(g,h,i)perylene
Concen: 0.503 ng/ul m
RT: 27.37 min Scan# 4512
Delta R.T. -0.00 min
Lab File: BE093577.D
Acq: 25 Jul 2017 14:59

Instrument :
BNA_E
ClientSampleId :
C0B17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.8	32.8
277	25.2	20.5	30.7

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:44 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

