

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093749.D
 Acq On : 10 Aug 2017 15:52
 Operator : SJ/JU
 Sample : I4455-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:08:55 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2923	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14847	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8933	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20388	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	23190	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19478m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4973	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	14642	0.23	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.36	142	1297	0.049	ng/ul	99
9) Fluorene	15.57	166	1435	0.039	ng/ul#	89
12) Phenanthrene	17.29	178	6320	0.114	ng/ul	92
15) Fluoranthene	19.30	202	21313	0.307	ng/ul	84
17) Pyrene	19.66	202	26394	0.390	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	15034	0.224	ng/ul#	88
19) Chrysene	21.45	228	14868	0.231	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	17057m	0.283	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	5824m	0.098	ng/ul	
23) Benzo(a)pyrene	23.80	252	13127m	0.229	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	7618m	0.120	ng/ul	
25) Dibenzo(a,h)anthracene	26.55	278	2127m	0.040	ng/ul	
26) Benzo(g,h,i)perylene	27.35	276	7530m	0.141	ng/ul	

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

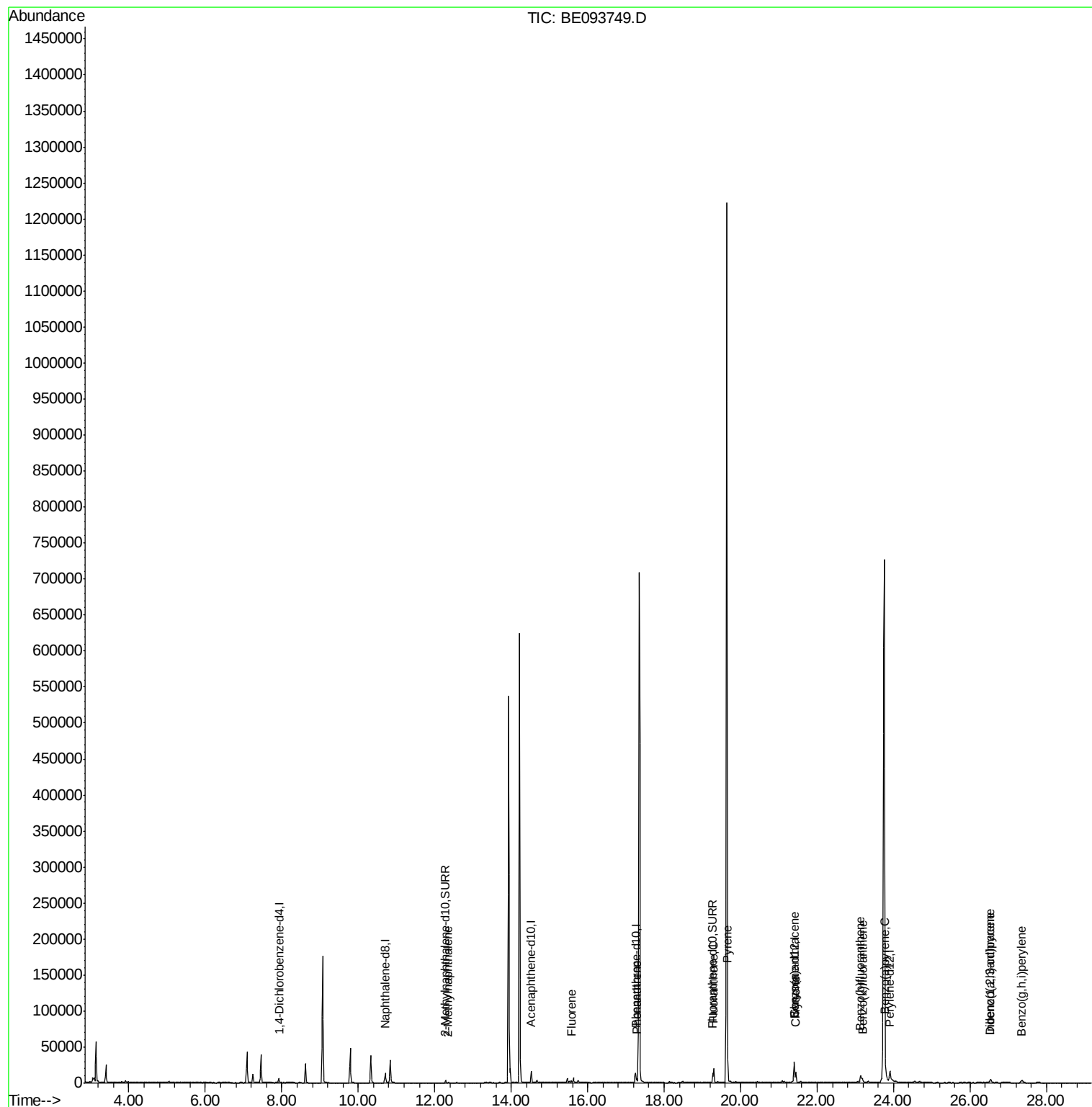
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093749.D
Acq On : 10 Aug 2017 15:52
Operator : SJ/JU
Sample : I4455-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

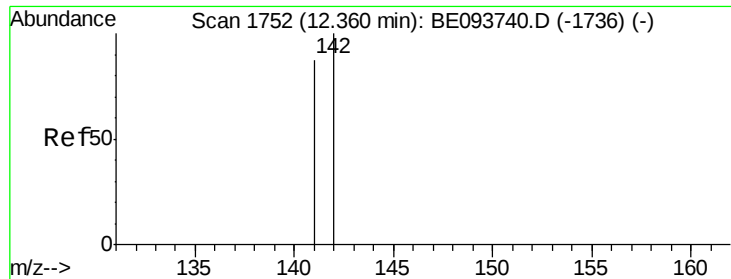
Instrument :
BNA_E
ClientSampleId :
C0AD5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM

Quant Time: Aug 11 18:08:55 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.049 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

Instrument :

BNA_E

ClientSampled :

C0AD5

Tgt Ion:142 Resp: 1297

Ion Ratio Lower Upper

142 100

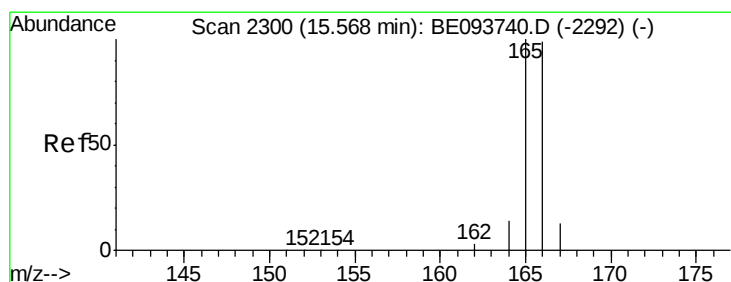
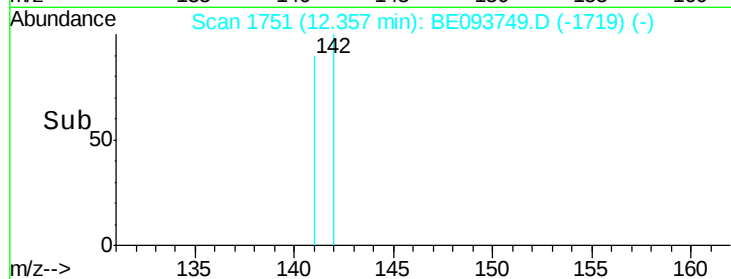
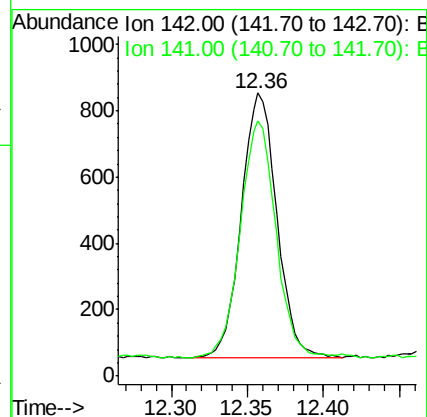
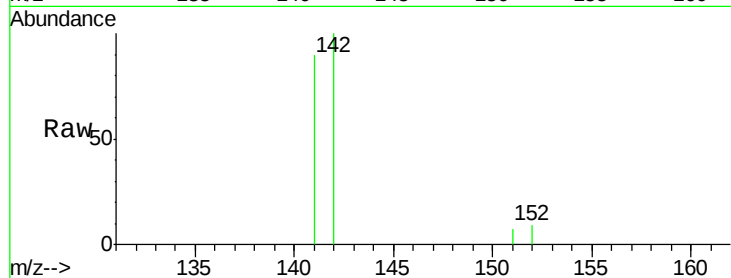
141 89.4 72.6 108.8

Manual Integrations

APPROVED

sohil

8/14/2017 7:02:35 PM



#9

Fluorene

Concen: 0.039 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

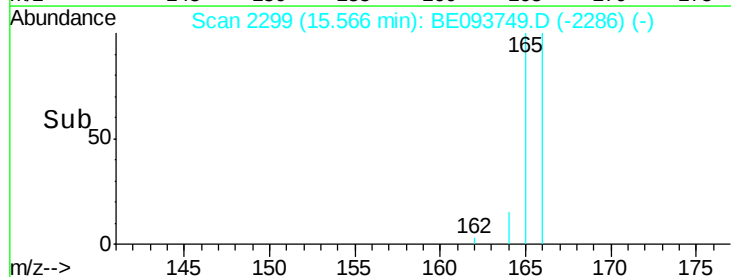
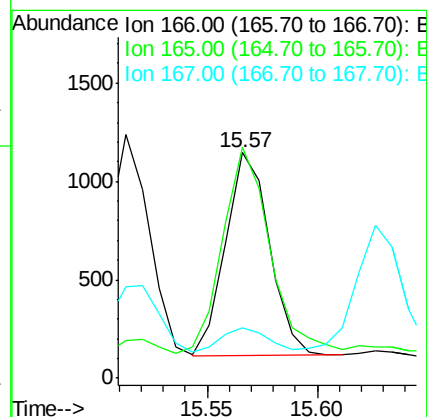
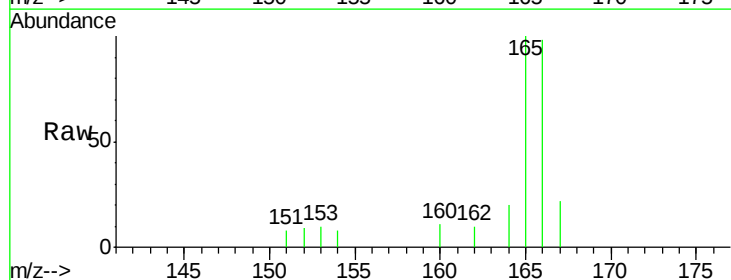
Tgt Ion:166 Resp: 1435

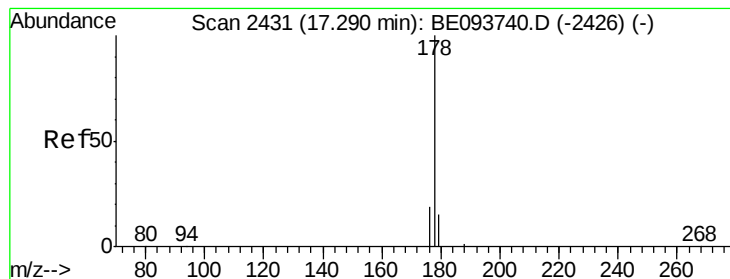
Ion Ratio Lower Upper

166 100

165 102.5 73.4 110.2

167 22.6 14.6 22.0#





#12

Phenanthrene

Concen: 0.114 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

Instrument :

BNA_E

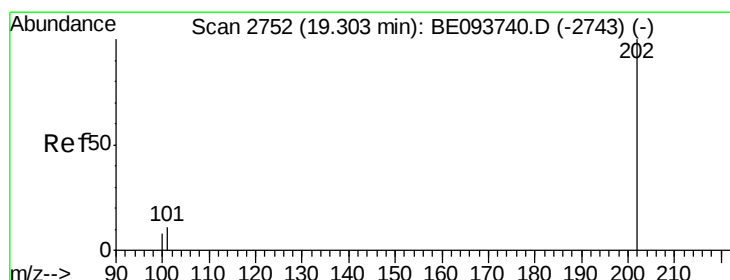
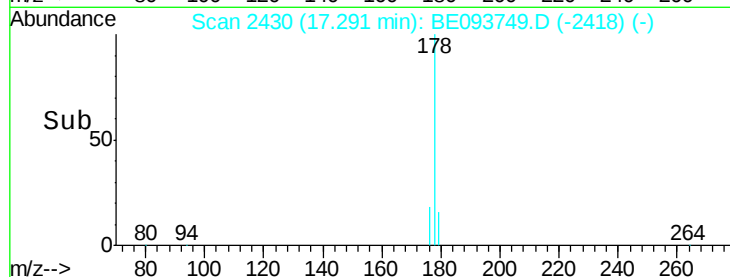
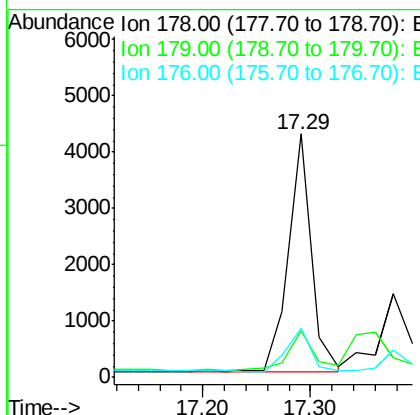
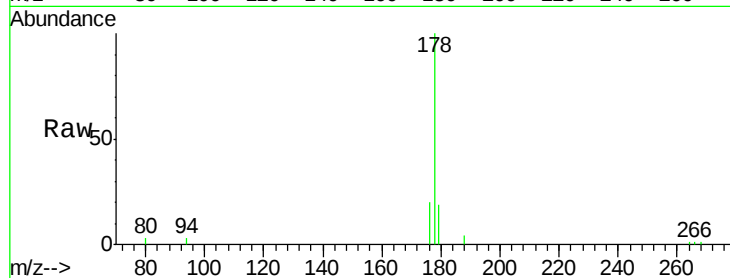
ClientSampleId :

C0AD5

Tgt Ion:	178	Resp:	6320
Ion Ratio	Lower	Upper	
178	100		
179	19.0	18.4	27.6
176	20.0	13.6	20.4

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM



#15

Fluoranthene

Concen: 0.307 ng/ul

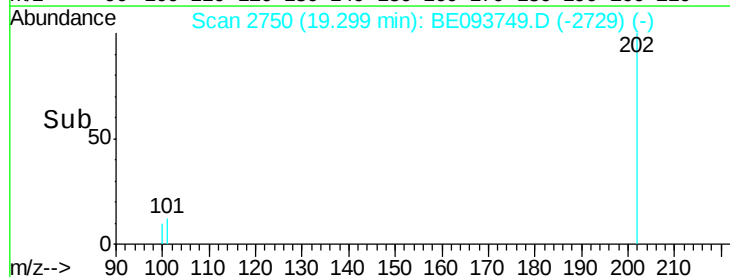
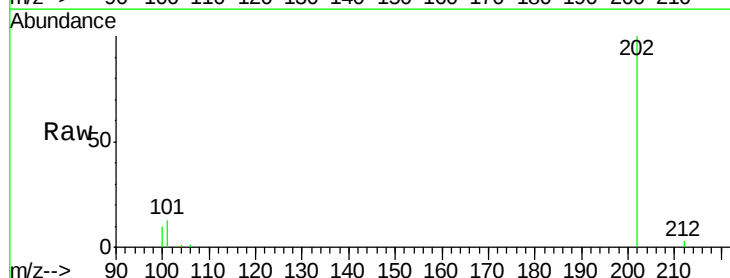
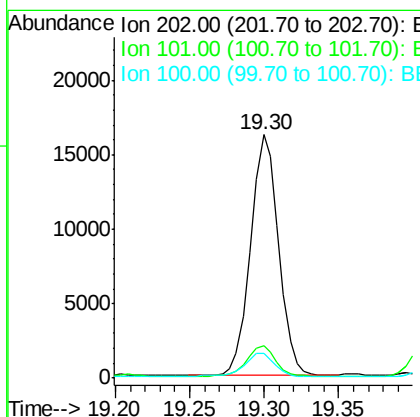
RT: 19.30 min Scan# 2750

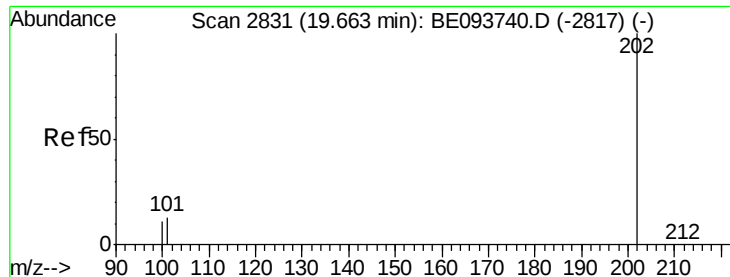
Delta R.T. -0.00 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

Tgt Ion:	202	Resp:	21313
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	30.3
100	10.2	0.0	39.5





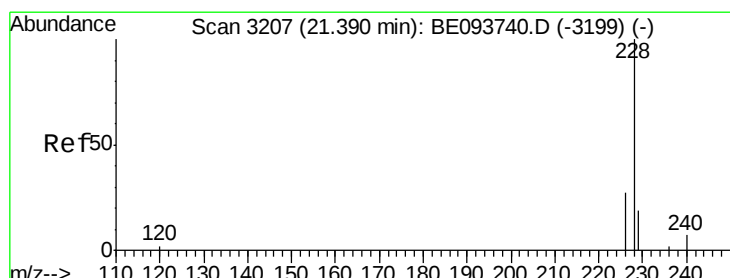
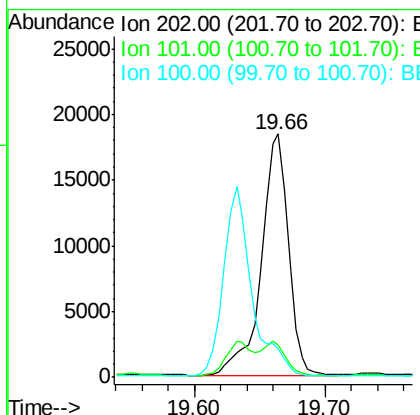
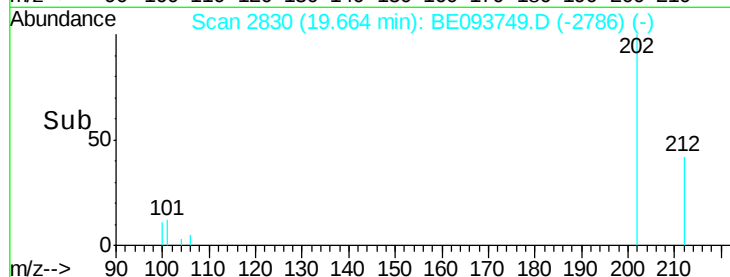
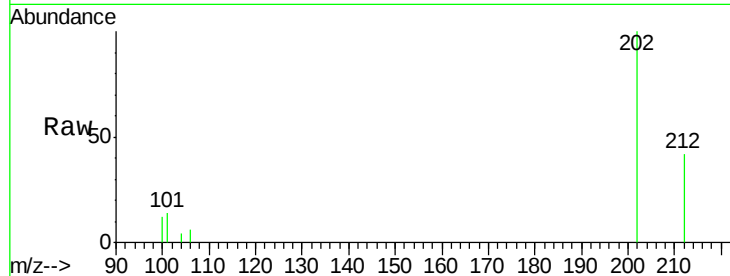
#17
Pyrene
 Concen: 0.390 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BE093749.D
 Acq: 10 Aug 2017 15:52

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	18.2	27.4#
100	11.6	15.6	23.4#

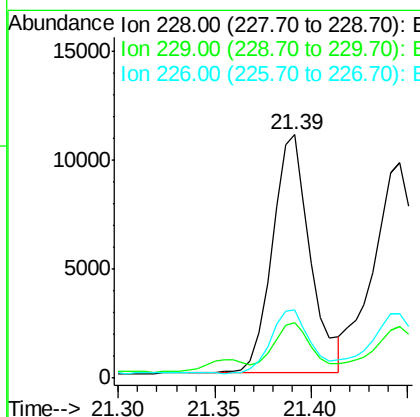
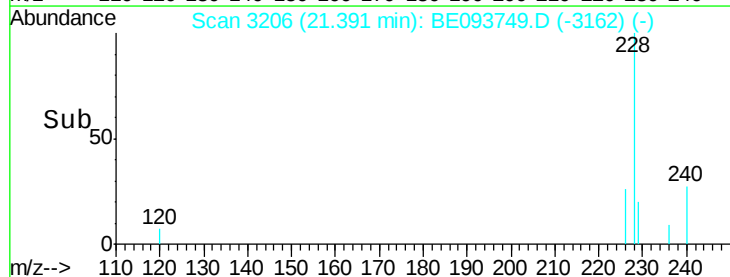
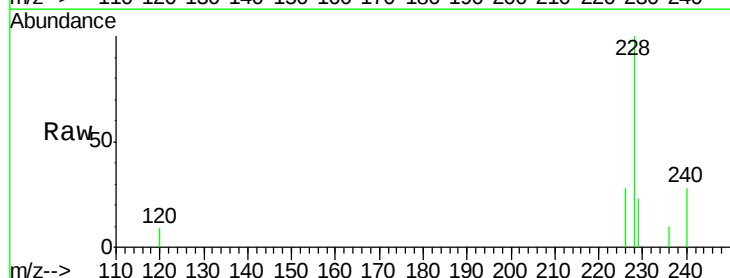
Manual Integrations
 APPROVED

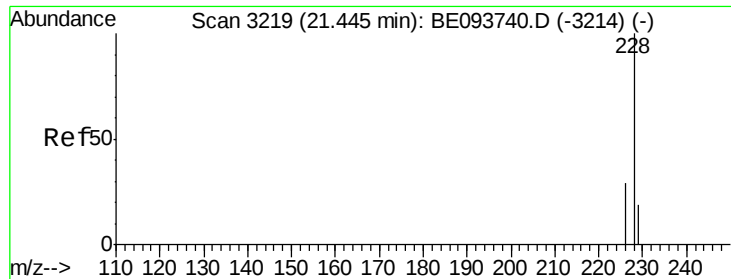
sohil
 8/14/2017 7:02:35 PM



#18
Benzo(a)anthracene
 Concen: 0.224 ng/ul
 RT: 21.39 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: BE093749.D
 Acq: 10 Aug 2017 15:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.7	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 0.231 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

Instrument :

BNA_E

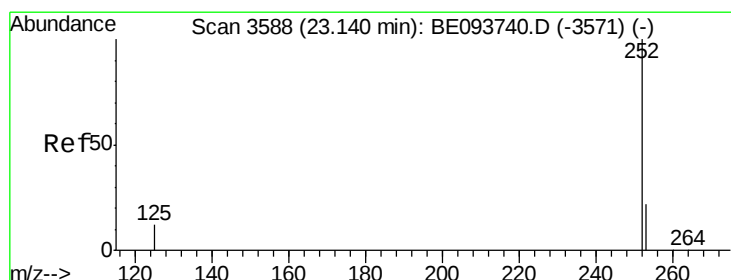
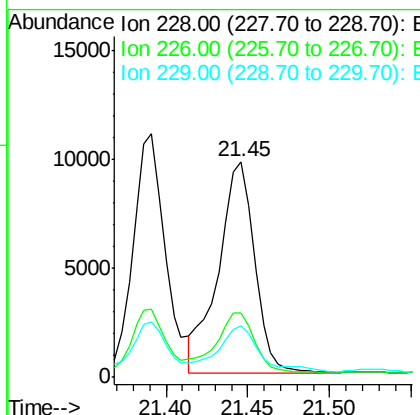
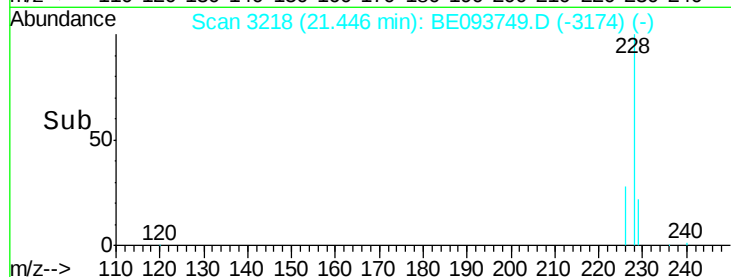
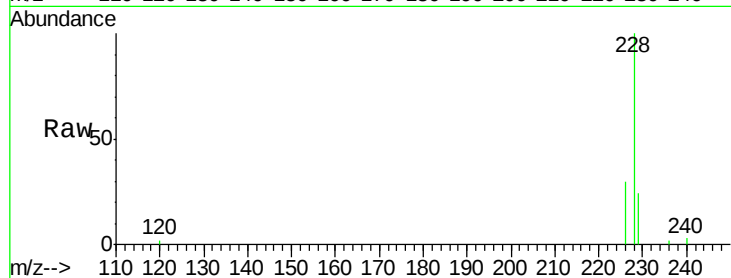
ClientSampleId :

C0AD5

Tgt Ion:	228	Resp:	14868
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	23.9	17.7	26.5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM



#21

Benzo(b)fluoranthene

Concen: 0.283 ng/ul m

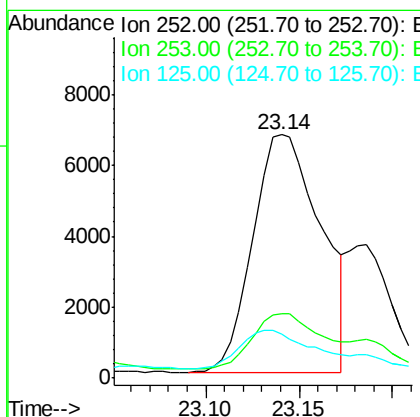
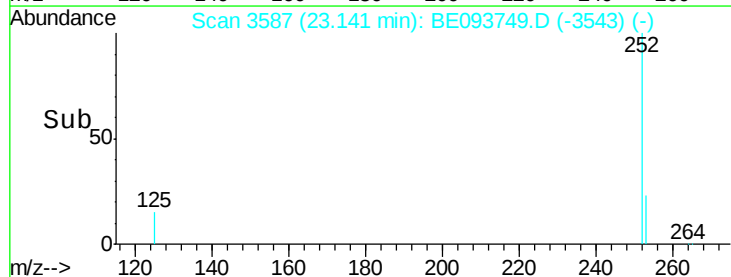
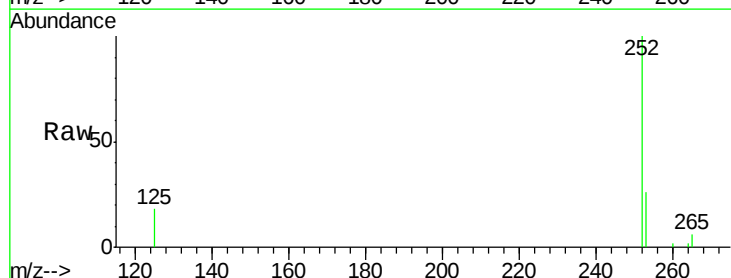
RT: 23.14 min Scan# 3587

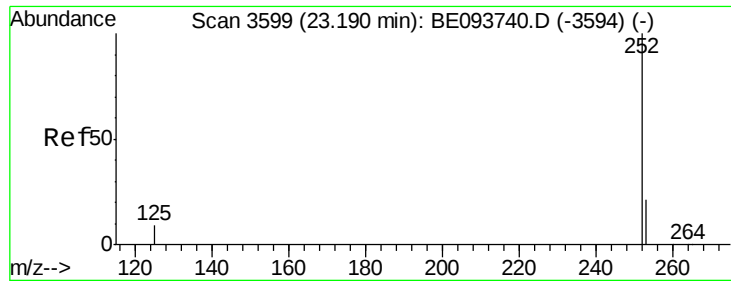
Delta R.T. 0.00 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

Tgt Ion:	252	Resp:	17057
Ion Ratio	Lower	Upper	
252	100		
253	26.3	0.0	64.2
125	17.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.098 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

Instrument :

BNA_E

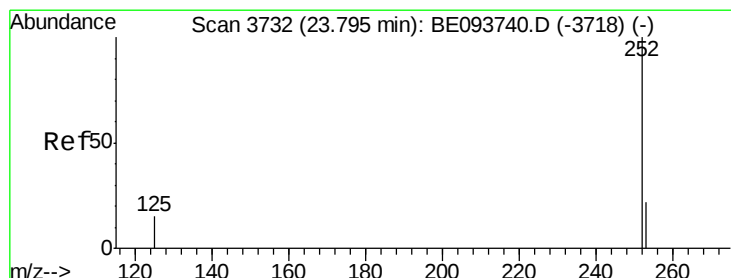
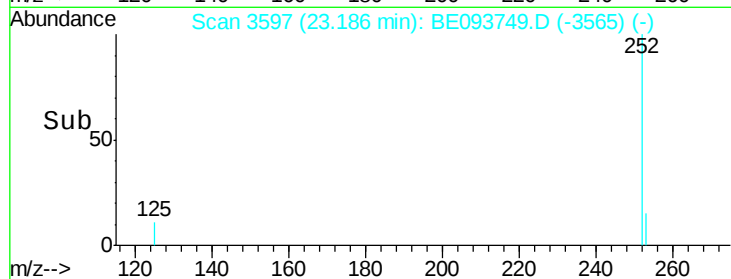
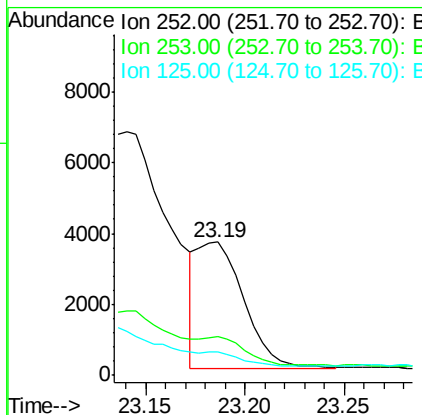
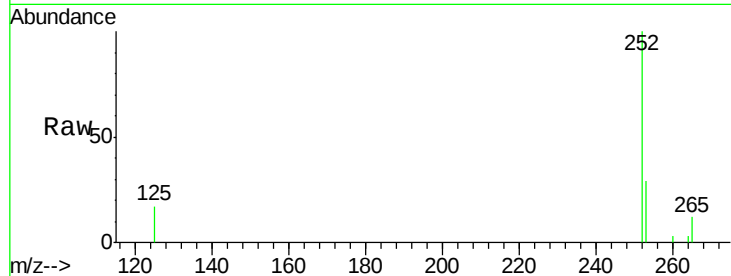
ClientSampleId :

C0AD5

Tgt Ion:	252	Resp:	5824
Ion Ratio	Lower	Upper	
252	100		
253	28.7	24.5	36.7
125	17.5	13.7	20.5

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM



#23

Benzo(a)pyrene

Concen: 0.229 ng/ul m

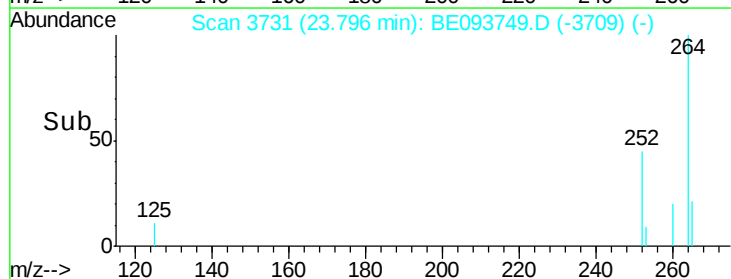
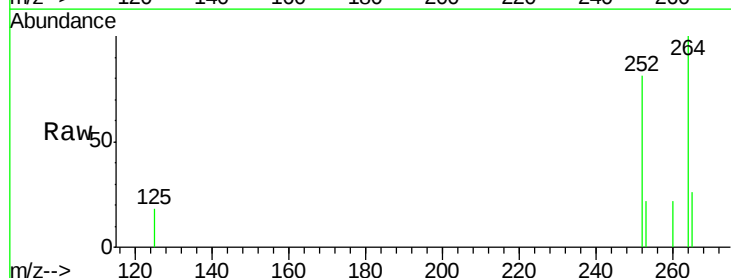
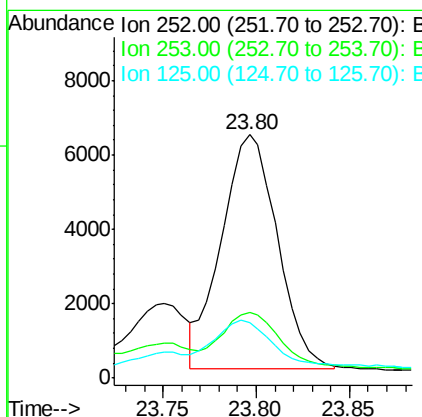
RT: 23.80 min Scan# 3731

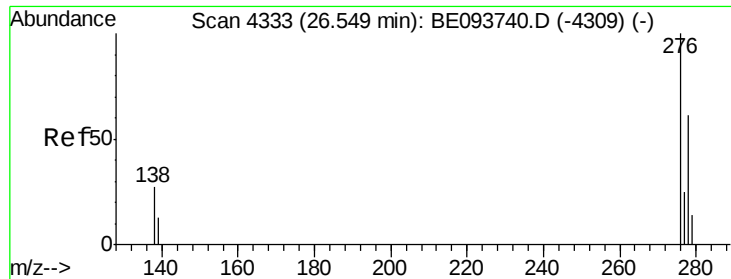
Delta R.T. 0.00 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

Tgt Ion:	252	Resp:	13127
Ion Ratio	Lower	Upper	
252	100		
253	27.1	28.5	42.7#
125	22.6	18.1	27.1





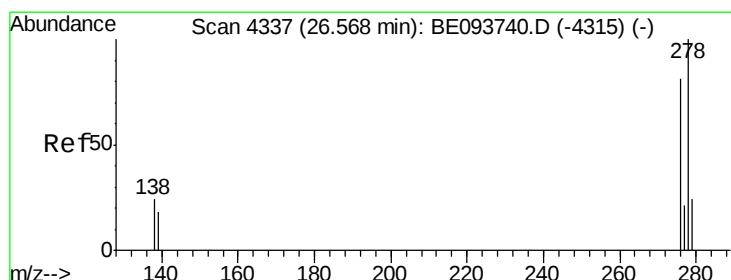
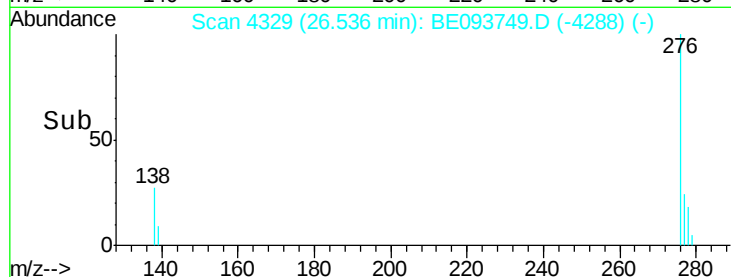
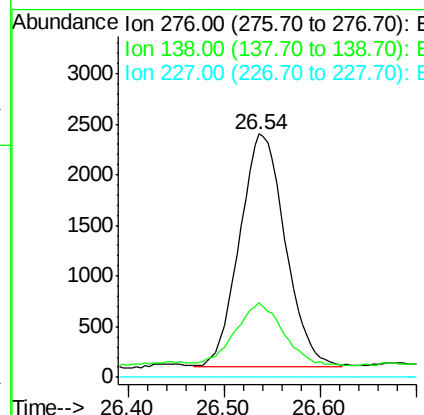
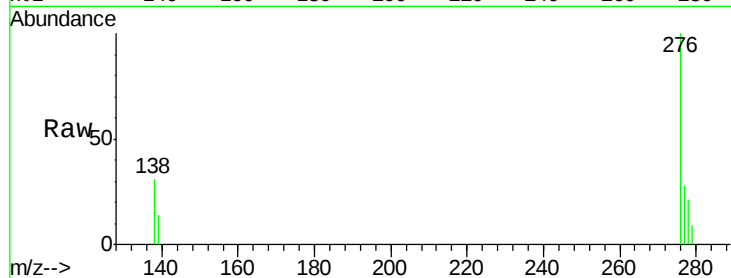
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.120 ng/ul m
 RT: 26.54 min Scan# 4329
 Delta R.T. -0.01 min
 Lab File: BE093749.D
 Acq: 10 Aug 2017 15:52

Instrument :
 BNA_E
 ClientSampleId :
 C0AD5

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	7618		
138	0.0	28.0	42.0#	
227	0.0	8.0	12.0#	

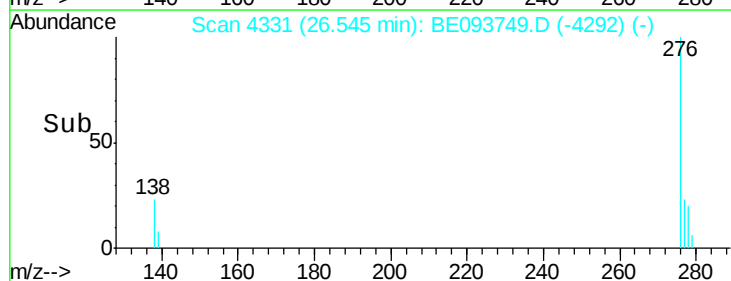
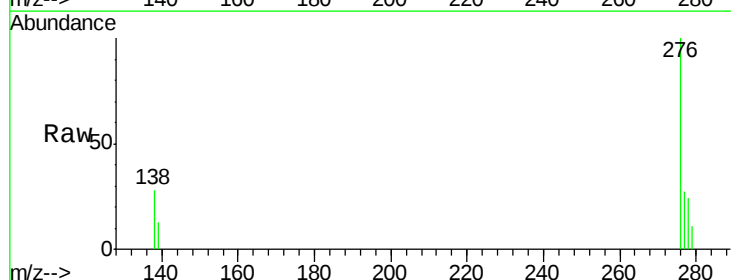
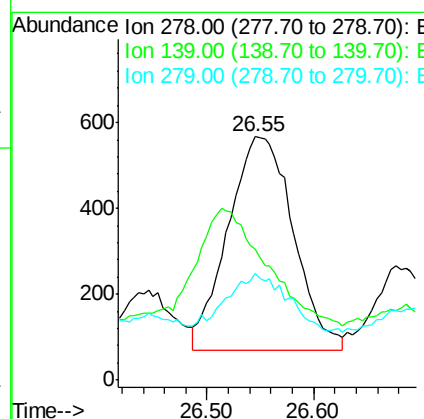
Manual Integrations
 APPROVED

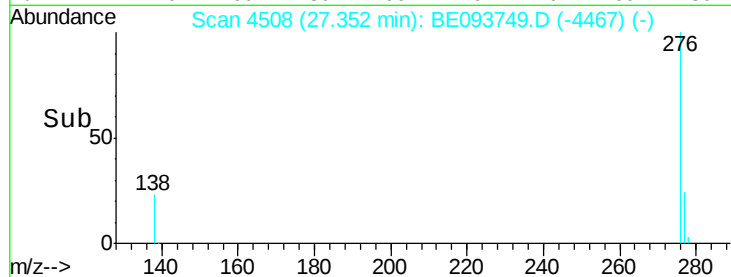
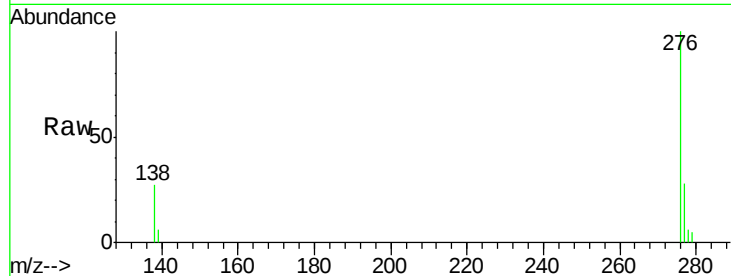
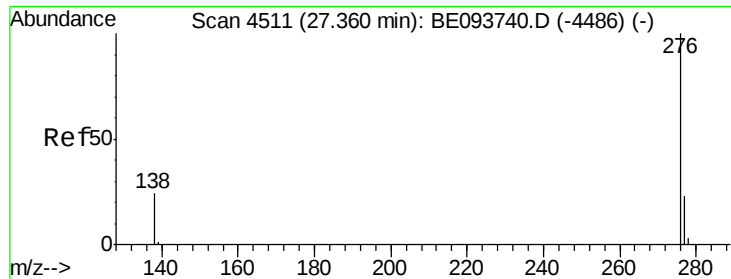
sohil
 8/14/2017 7:02:35 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.040 ng/ul m
 RT: 26.55 min Scan# 4331
 Delta R.T. -0.02 min
 Lab File: BE093749.D
 Acq: 10 Aug 2017 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2127		
139	54.0	17.4	26.0#	
279	43.9	25.9	38.9#	





#26

Benzo(g,h,i)perylene

Concen: 0.141 ng/ul m

RT: 27.35 min Scan# 4508

Delta R.T. -0.01 min

Lab File: BE093749.D

Acq: 10 Aug 2017 15:52

Instrument :

BNA_E

ClientSampleId :

C0AD5

Tgt	Ion	276	Resp:	7530
	Ratio		Lower	Upper
276	100			
138	27.3	21.8	32.8	
277	27.7	20.5	30.7	

Manual Integrations
APPROVED

sohil
8/14/2017 7:02:35 PM

