

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093856.D
 Acq On : 17 Aug 2017 1:01
 Operator : SJ/JU
 Sample : I4672-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ0

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:53 PM

Quant Time: Aug 17 04:56:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2475	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13021	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7737	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15937	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	17211	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15945m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4679	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	12590	0.25	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	6582	0.208	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4806	0.208	ng/ul	98
7) Acenaphthylene	14.25	152	6146	0.190	ng/ul	98
8) Acenaphthene	14.59	153	7529	0.296	ng/ul	99
9) Fluorene	15.57	166	7351	0.228	ng/ul	95
12) Phenanthrene	17.29	178	138069	3.181	ng/ul#	87
13) Anthracene	17.38	178	38637	0.914	ng/ul#	88
15) Fluoranthene	19.30	202	300452	5.535	ng/ul	84
17) Pyrene	19.67	202	271148	5.397	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	160139	3.209	ng/ul#	86
19) Chrysene	21.45	228	163509	3.416	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	219247	4.445	ng/ul	87
22) Benzo(k)fluoranthene	23.19	252	87109m	1.791	ng/ul	
23) Benzo(a)pyrene	23.81	252	165498m	3.527	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	110506m	2.133	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	26170m	0.605	ng/ul	
26) Benzo(a,h,i)perylene	27.39	276	104057m	2.384	ng/ul	

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

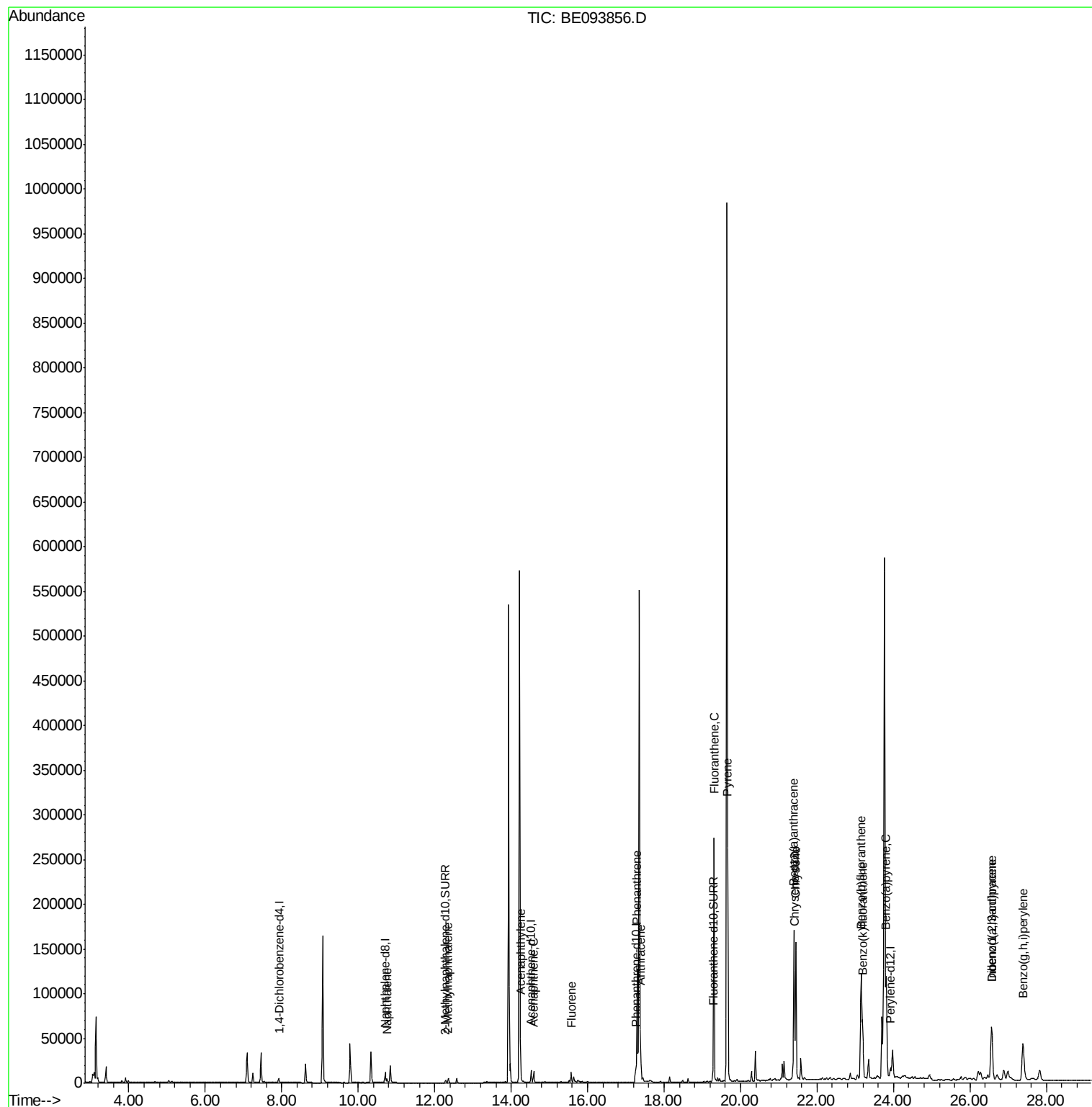
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093856.D
Acq On : 17 Aug 2017 1:01
Operator : SJ/JU
Sample : I4672-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

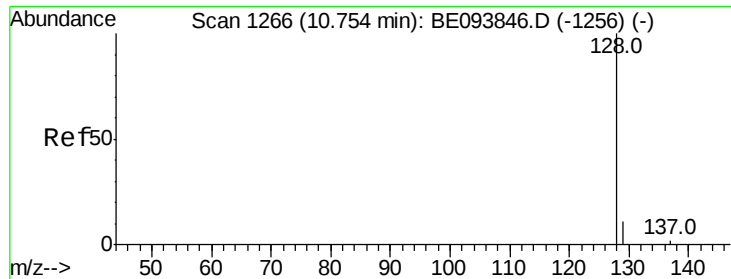
Instrument :
BNA_E
ClientSampleId :
C0AJ0

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:53 PM

Quant Time: Aug 17 04:56:06 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.208 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Instrument :

BNA_E

ClientSampled :

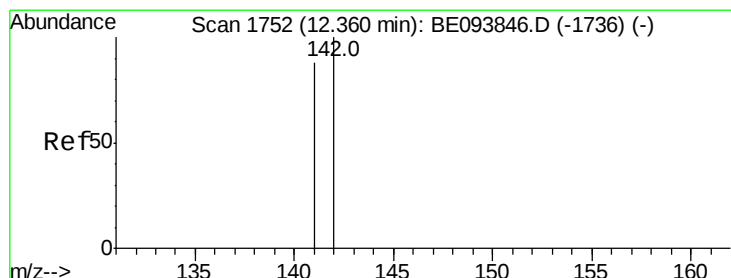
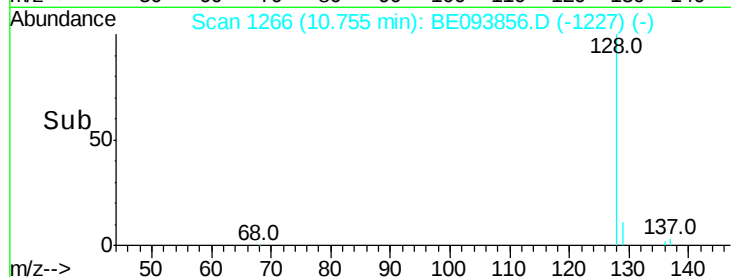
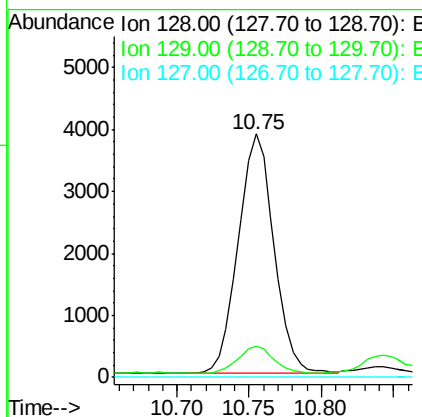
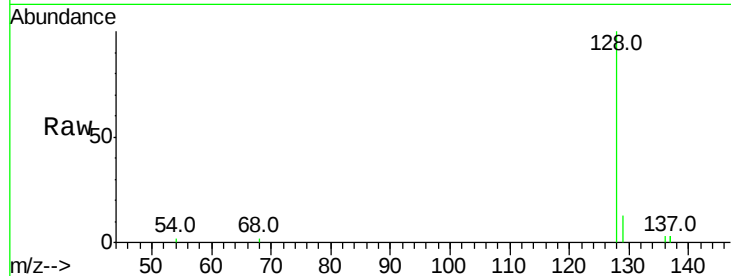
C0AJ0

Tot Ion:128 Resp: 6582

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:53 PM



#5

2-Methylnaphthalene

Concen: 0.208 ng/ul

RT: 12.36 min Scan# 1752

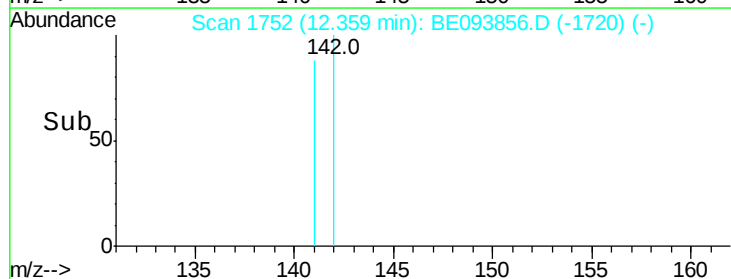
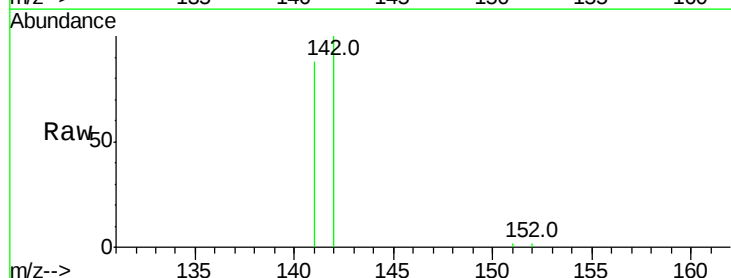
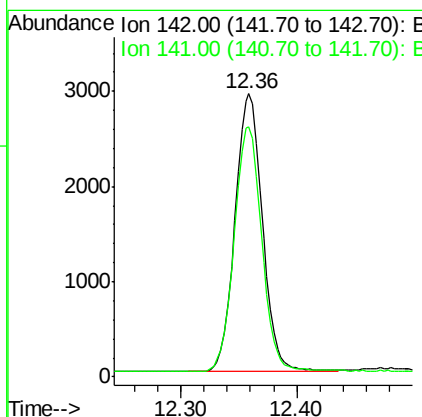
Delta R.T. -0.00 min

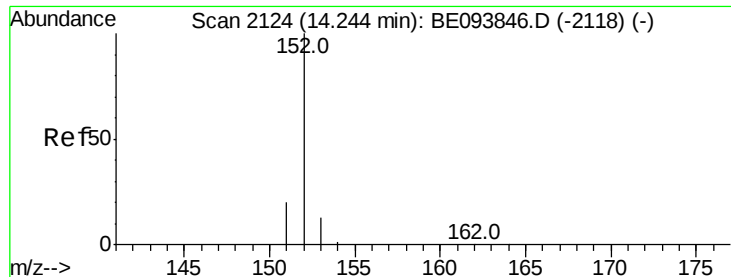
Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Tgt Ion:142 Resp: 4806

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.190 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Instrument :

BNA_E

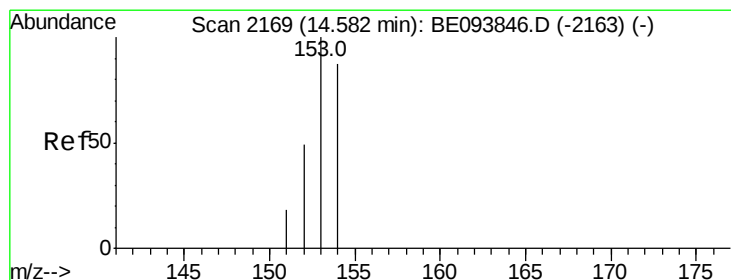
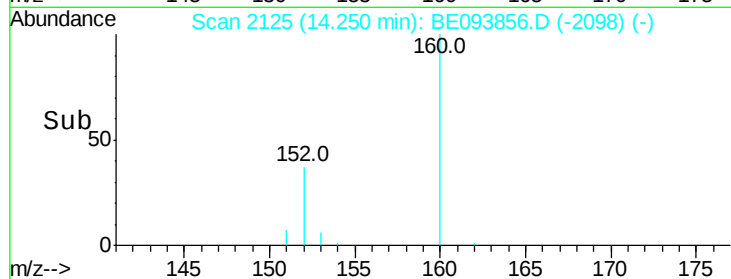
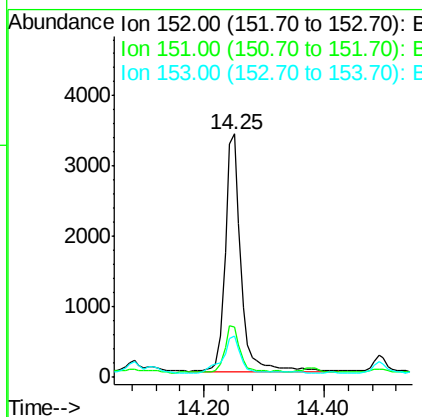
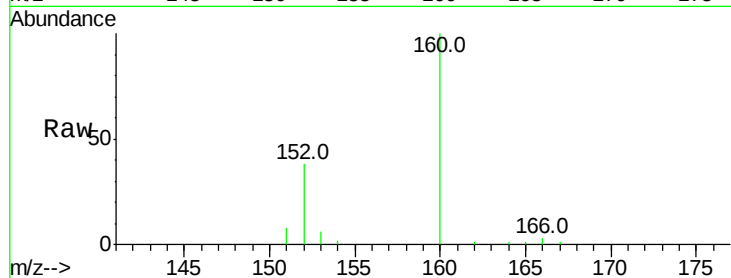
ClientSampleId :

C0AJ0

Tot Ion:	152	Resp:	6146
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	17.0	12.8	19.2

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:53 PM



#8

Acenaphthene

Concen: 0.296 ng/ul

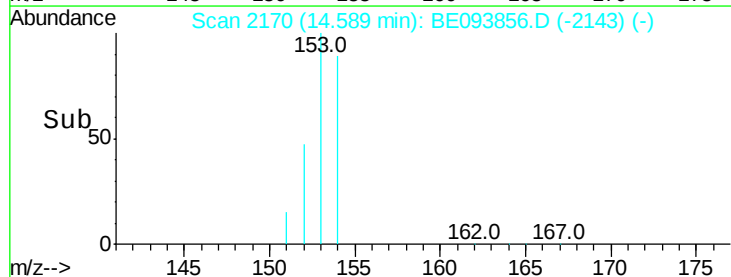
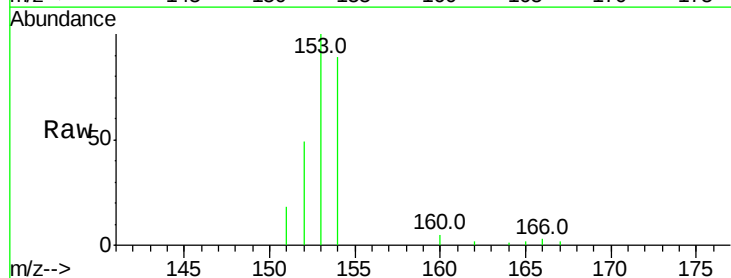
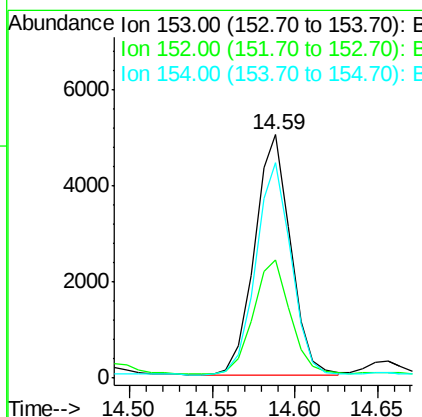
RT: 14.59 min Scan# 2170

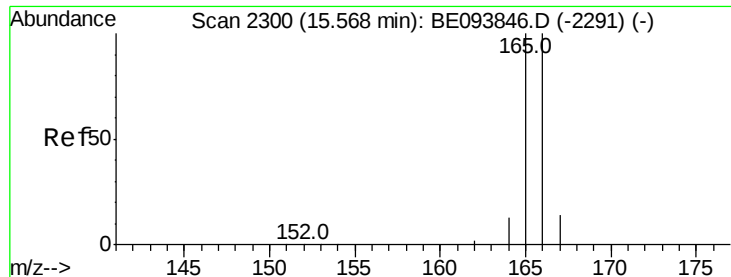
Delta R.T. 0.01 min

Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Tgt Ion:	153	Resp:	7529
Ion Ratio	Lower	Upper	
153	100		
152	48.6	40.3	60.5
154	88.5	71.4	107.2





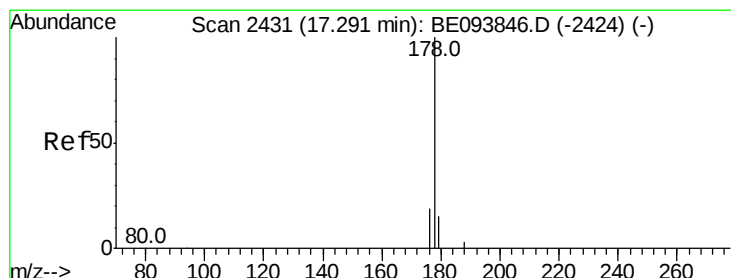
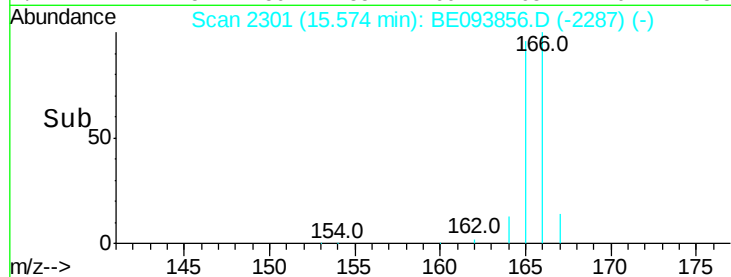
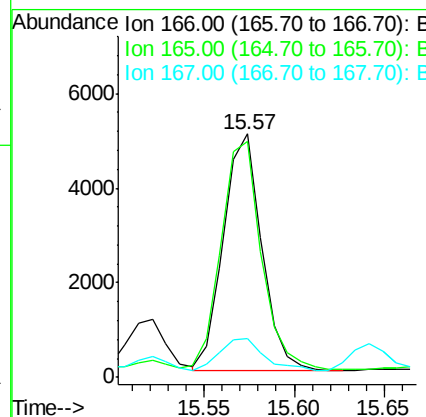
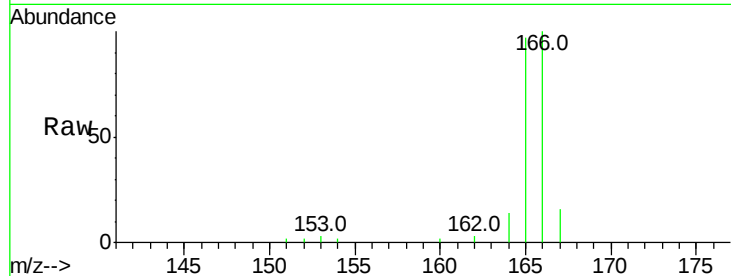
#9
Fluorene
 Concen: 0.228 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: BE093856.D
 Acq: 17 Aug 2017 1:01

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ0

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	73.4	110.2
167	15.8	14.6	22.0

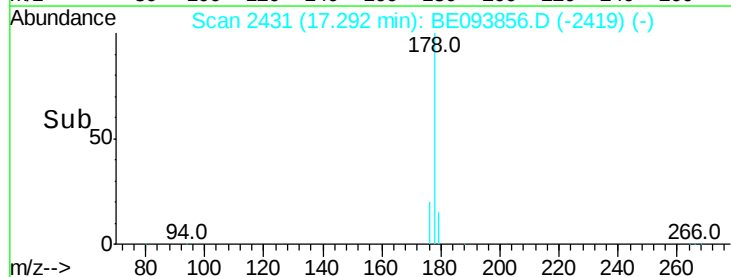
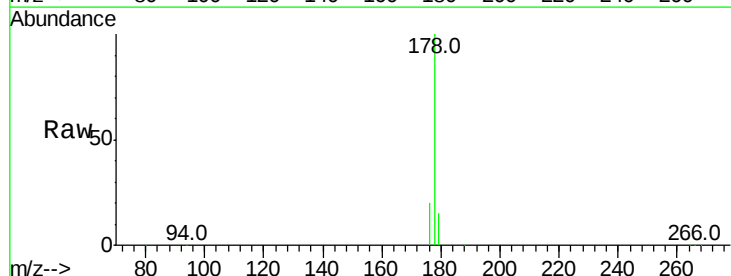
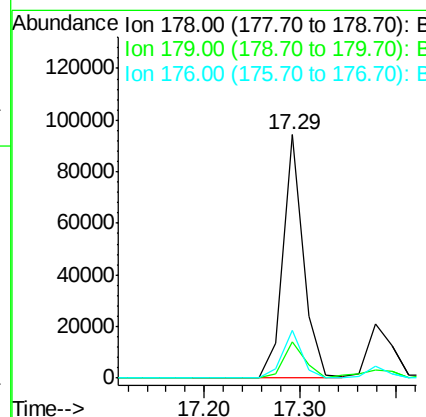
Manual Integrations
 APPROVED

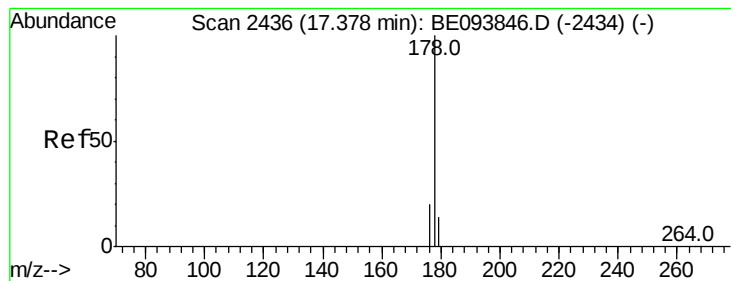
Sohil
 8/17/2017 5:59:53 PM



#12
Phenanthrene
 Concen: 3.181 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE093856.D
 Acq: 17 Aug 2017 1:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	19.7	13.6	20.4





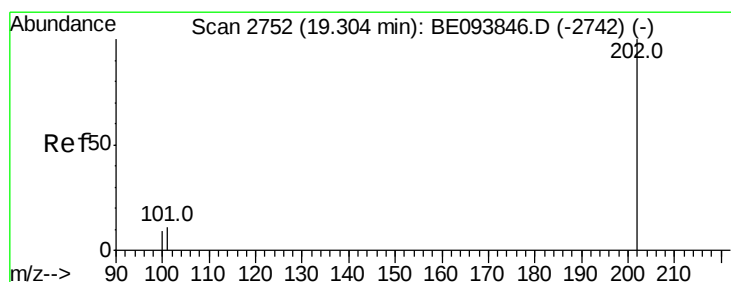
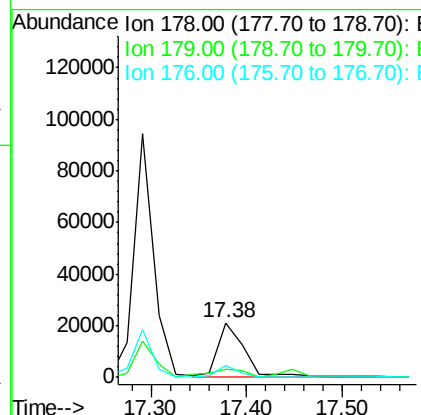
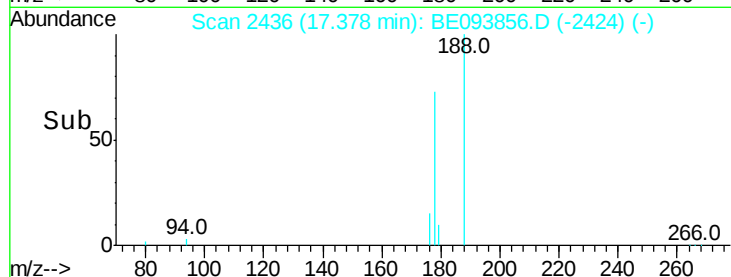
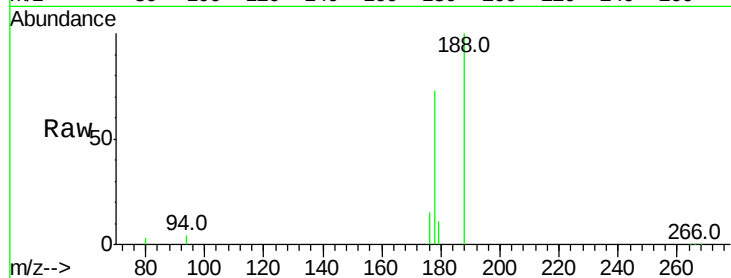
#13
 Anthracene
 Concen: 0.914 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093856.D
 Acq: 17 Aug 2017 1:01

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ0

Tot Ion:178 Resp: 38637
 Ion Ratio Lower Upper
 178 100
 179 14.7 18.1 27.1#
 176 21.0 14.7 22.1

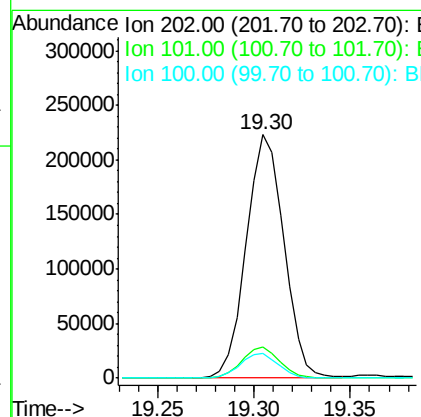
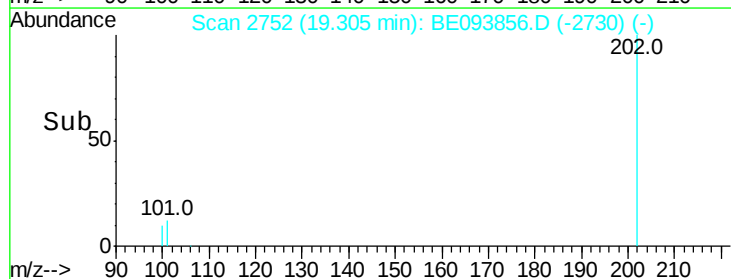
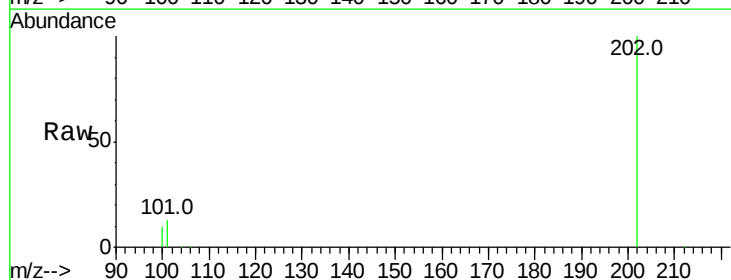
Manual Integrations
 APPROVED

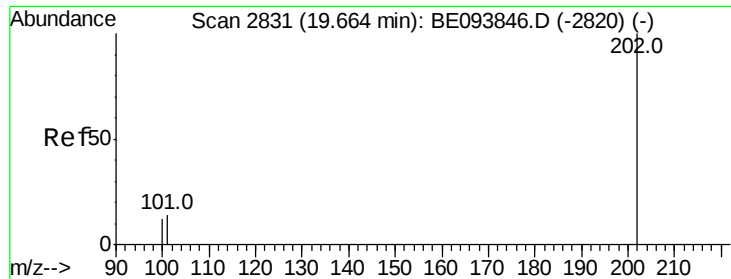
Sohil
 8/17/2017 5:59:53 PM



#15
 Fluoranthene
 Concen: 5.535 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE093856.D
 Acq: 17 Aug 2017 1:01

Tgt Ion:202 Resp: 300452
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 30.3
 100 10.1 0.0 39.5





#17

Pvrene

Concen: 5.397 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Instrument :

BNA_E

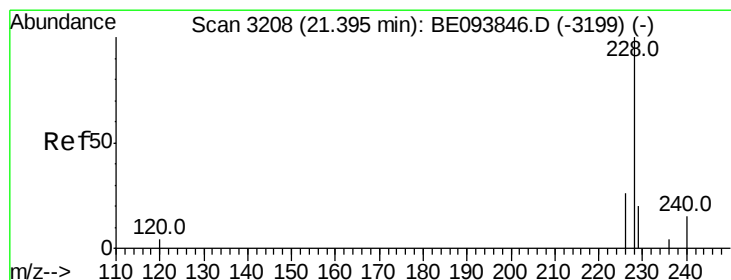
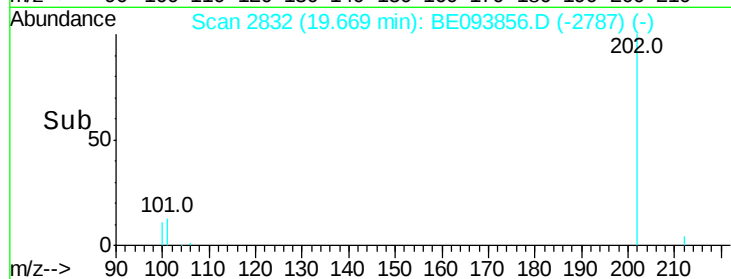
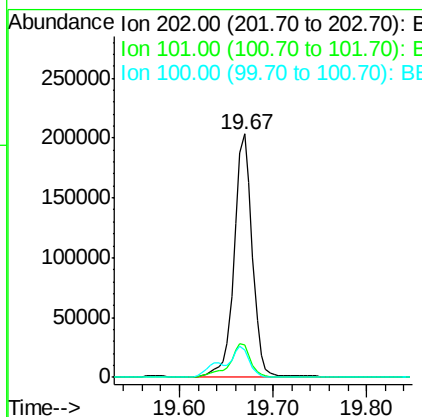
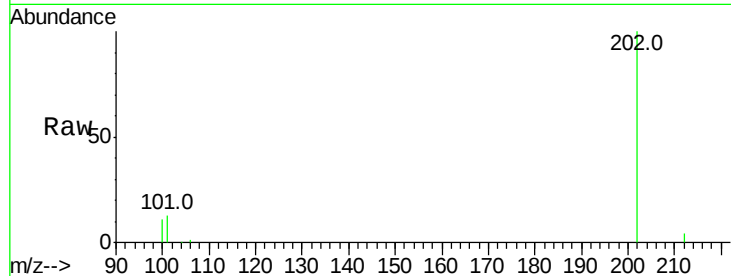
ClientSampled :

C0AJ0

Tot Ion:	202	Resp:	271148
Ion Ratio	Lower	Upper	
202	100		
101	13.3	18.2	27.4#
100	11.2	15.6	23.4#

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:53 PM



#18

Benzo(a)anthracene

Concen: 3.209 ng/ul

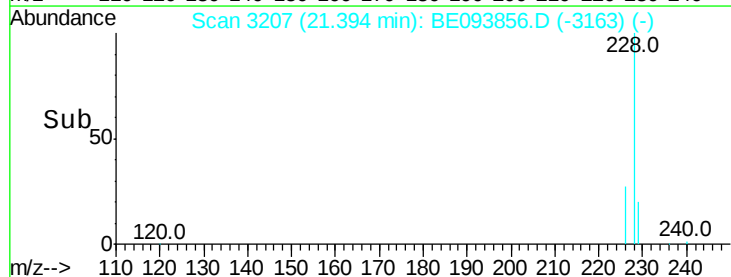
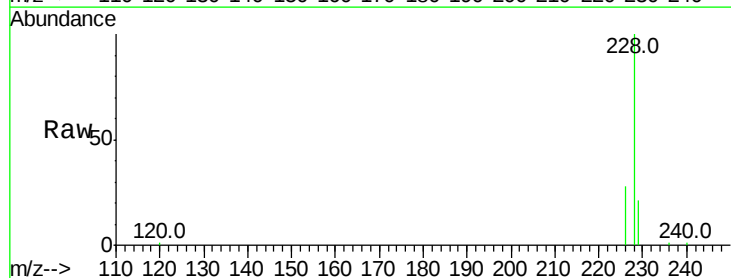
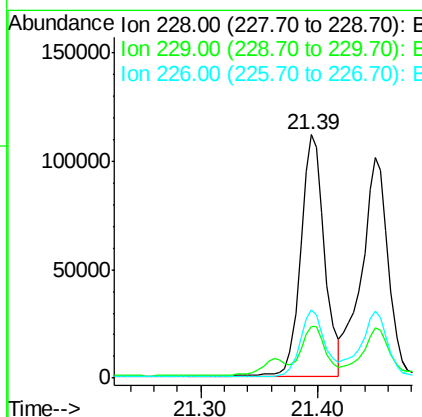
RT: 21.39 min Scan# 3207

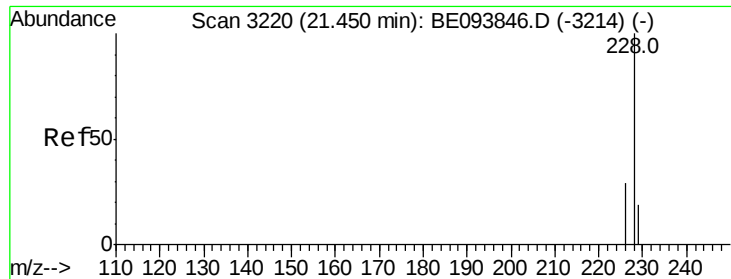
Delta R.T. -0.00 min

Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Tgt Ion:	228	Resp:	160139
Ion Ratio	Lower	Upper	
228	100		
229	21.3	22.8	34.2#
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 3.416 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Instrument :

BNA_E

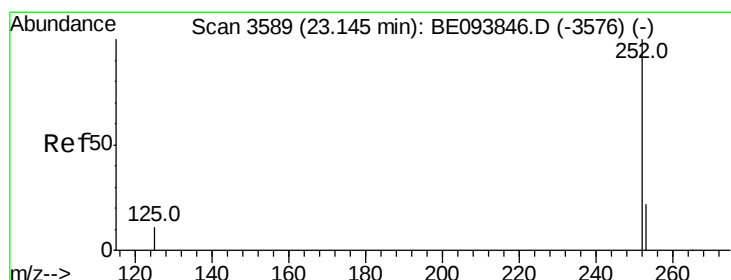
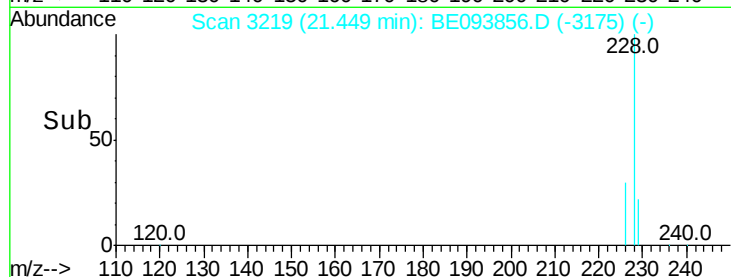
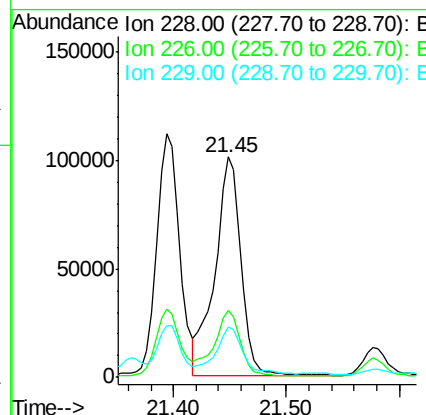
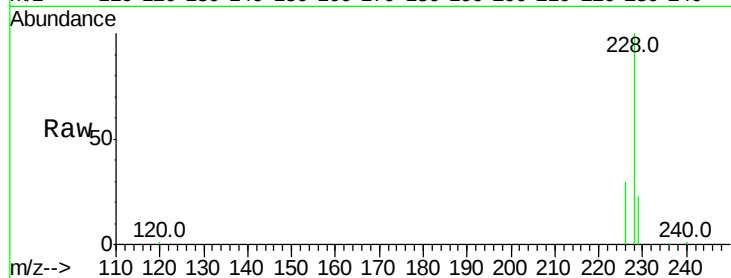
ClientSampled :

C0AJ0

Tot Ion:228	Resp:	163509
Ion Ratio	Lower	Upper
228 100		
226 30.4	23.4	35.0
229 22.8	17.7	26.5

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:53 PM



#21

Benzo(b)fluoranthene

Concen: 4.445 ng/ul

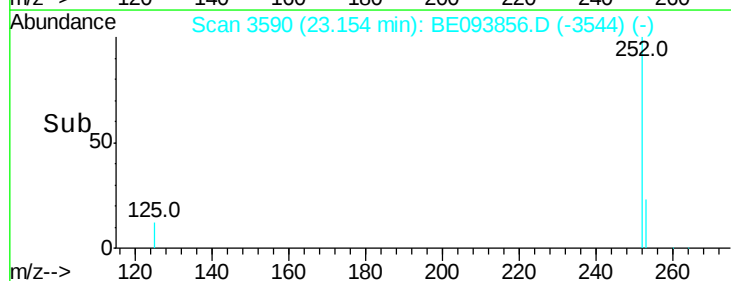
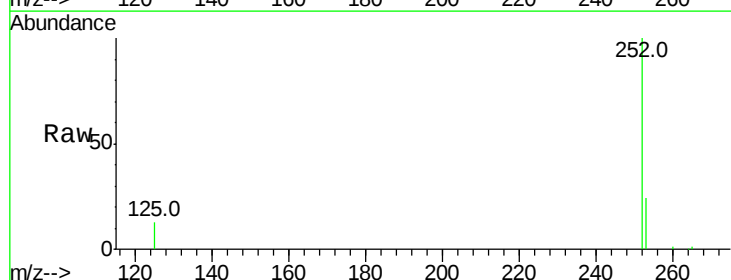
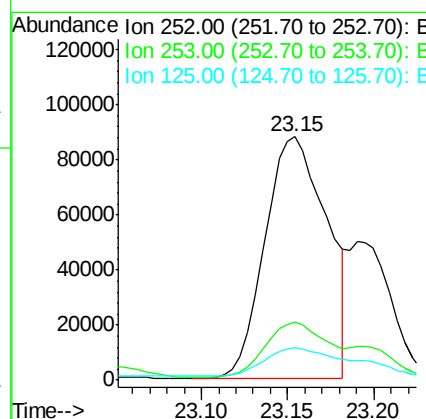
RT: 23.15 min Scan# 3590

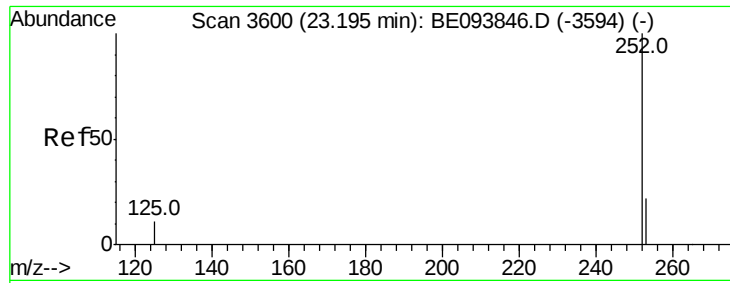
Delta R.T. 0.01 min

Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Tgt Ion:252	Resp:	219247
Ion Ratio	Lower	Upper
252 100		
253 23.7	0.0	64.2
125 13.2	0.0	35.0





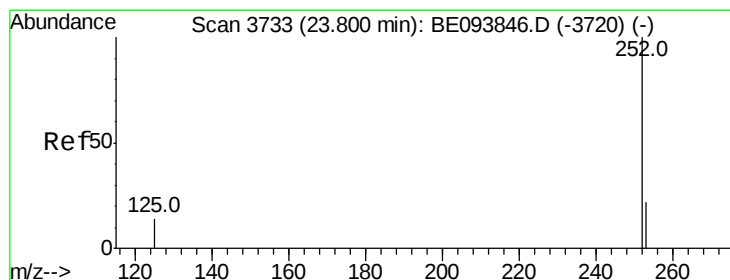
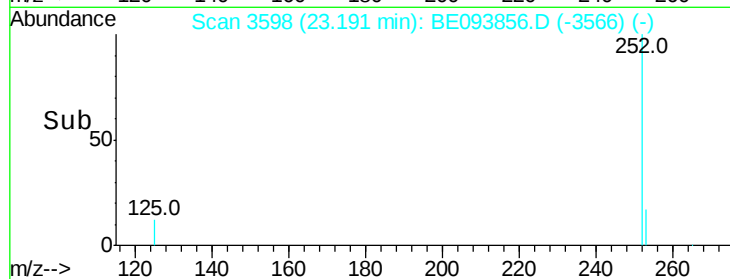
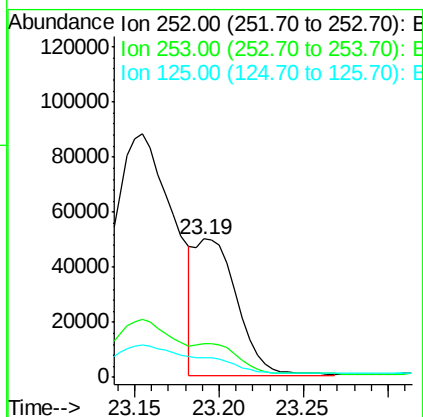
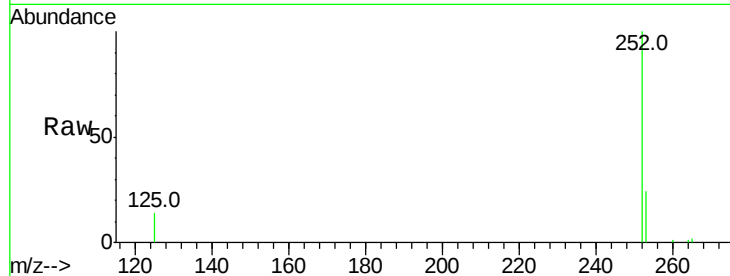
#22
Benzo(k)fluoranthene
Concen: 1.791 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	14.2	13.7	20.5

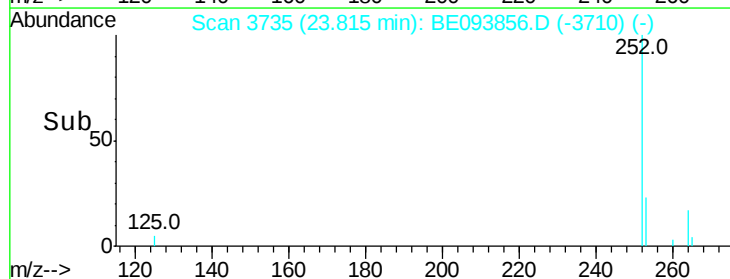
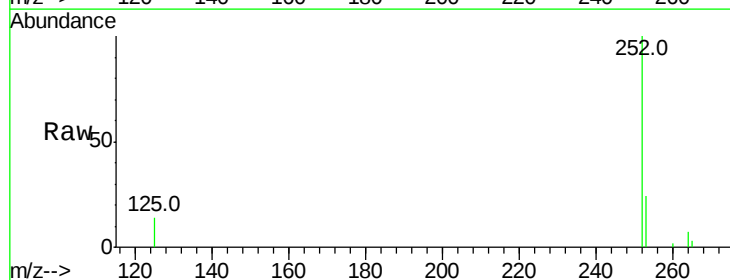
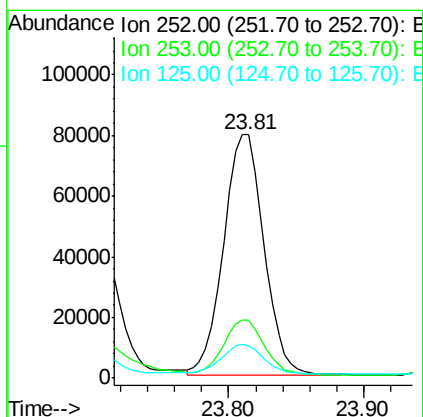
Manual Integrations
APPROVED

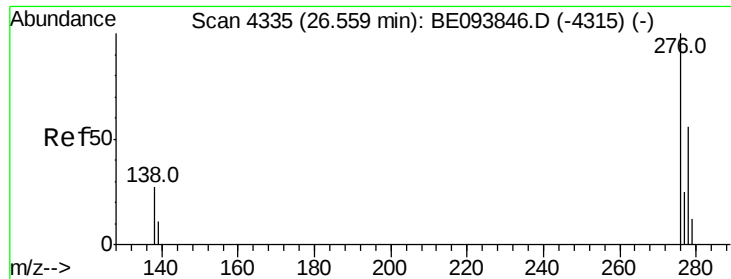
Sohil
8/17/2017 5:59:53 PM



#23
Benzo(a)pyrene
Concen: 3.527 ng/ul m
RT: 23.81 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	13.5	18.1	27.1#





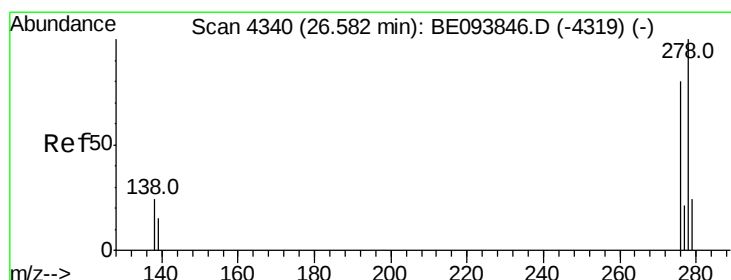
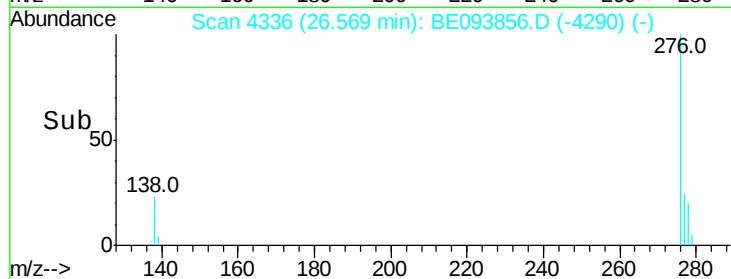
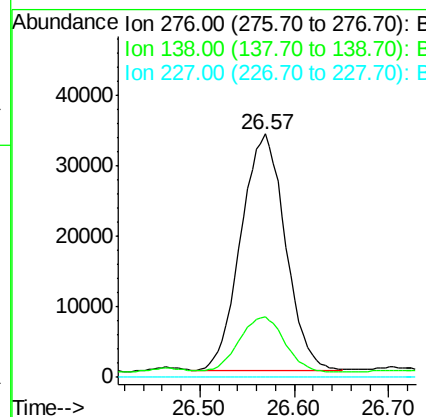
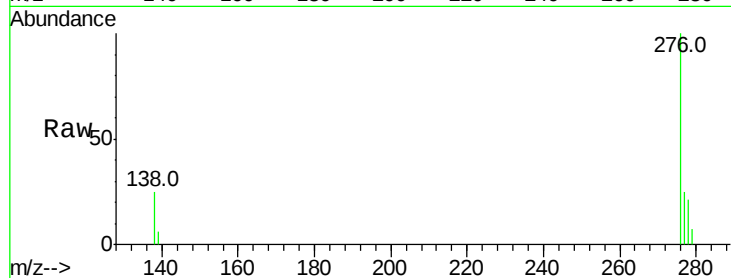
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.133 ng/ul m
 RT: 26.57 min Scan# 4336
 Delta R.T. 0.01 min
 Lab File: BE093856.D
 Acq: 17 Aug 2017 1:01

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ0

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	0.6	28.0	42.0#
227	0.0	8.0	12.0#

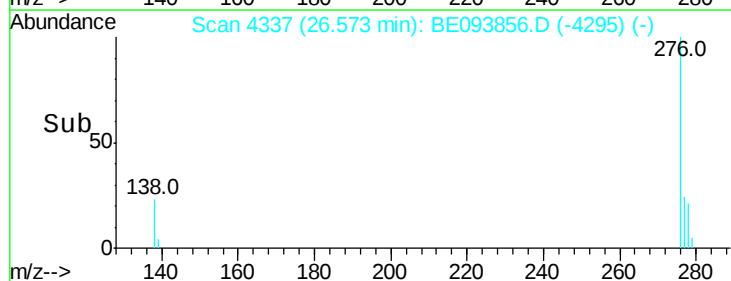
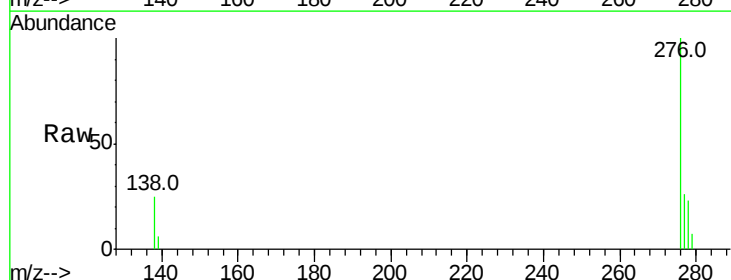
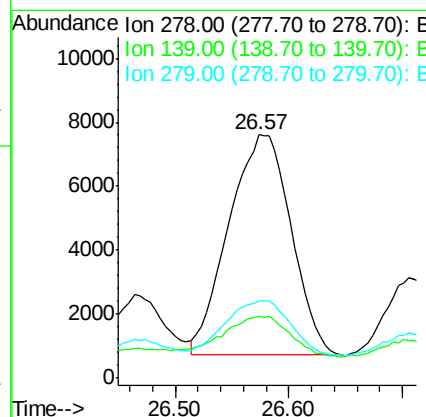
Manual Integrations
 APPROVED

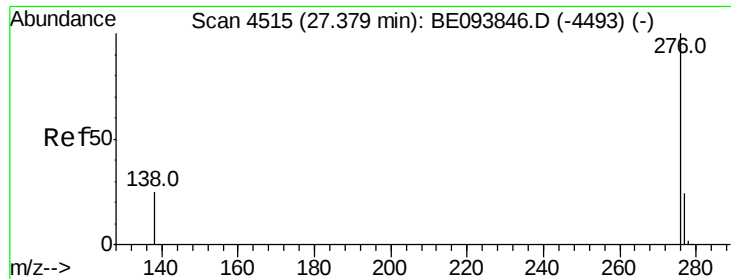
Sohil
 8/17/2017 5:59:53 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.605 ng/ul m
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.01 min
 Lab File: BE093856.D
 Acq: 17 Aug 2017 1:01

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	25.3	17.4	26.0
279	31.7	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 2.384 ng/ul m

RT: 27.39 min Scan# 4516

Delta R.T. 0.01 min

Lab File: BE093856.D

Acq: 17 Aug 2017 1:01

Instrument :

BNA_E

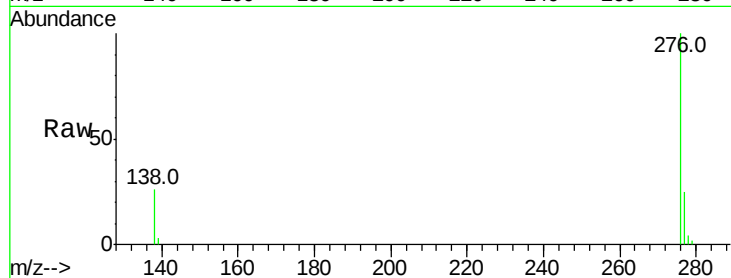
ClientSampleId :

C0AJ0

Tot Ion:	276	Resp:	104057
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.8	32.8
277	25.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:53 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

