

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096159.D
 Acq On : 25 Apr 2018 21:55
 Operator : SJ/JU
 Sample : J2434-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C0AB7DL

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:04 PM

Quant Time: Apr 26 05:51:24 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 05:06:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	791	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3185	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2062	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5386	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	6917	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5560	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	279	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	964	0.04	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.23	128	1029	0.116	ng/ul#	83
5) 2-Methylnaphthalene	12.81	142	556	0.094	ng/ul	97
7) Acenaphthylene	14.68	152	2729	0.257	ng/ul	99
8) Acenaphthene	15.01	153	1904	0.248	ng/ul	95
9) Fluorene	15.97	166	2891	0.285	ng/ul	90
12) Phenanthrene	17.70	178	60169	3.794	ng/ul#	88
13) Anthracene	17.79	178	19477	1.224	ng/ul#	92
15) Fluoranthene	19.67	202	168842	6.966	ng/ul	83
17) Pyrene	20.02	202	87460	6.303	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	81110	3.873	ng/ul#	85
19) Chrysene	21.79	228	65474	3.402	ng/ul	98
21) Benzo(b)fluoranthene	23.55	252	94045m	4.467	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	28005m	1.391	ng/ul	
23) Benzo(a)pyrene	24.24	252	63265	3.459	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.13	276	39142	1.588	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.14	278	10587	0.513	ng/ul	94
26) Benzo(g,h,i)perylene	28.00	276	34033	1.587	ng/ul#	93

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

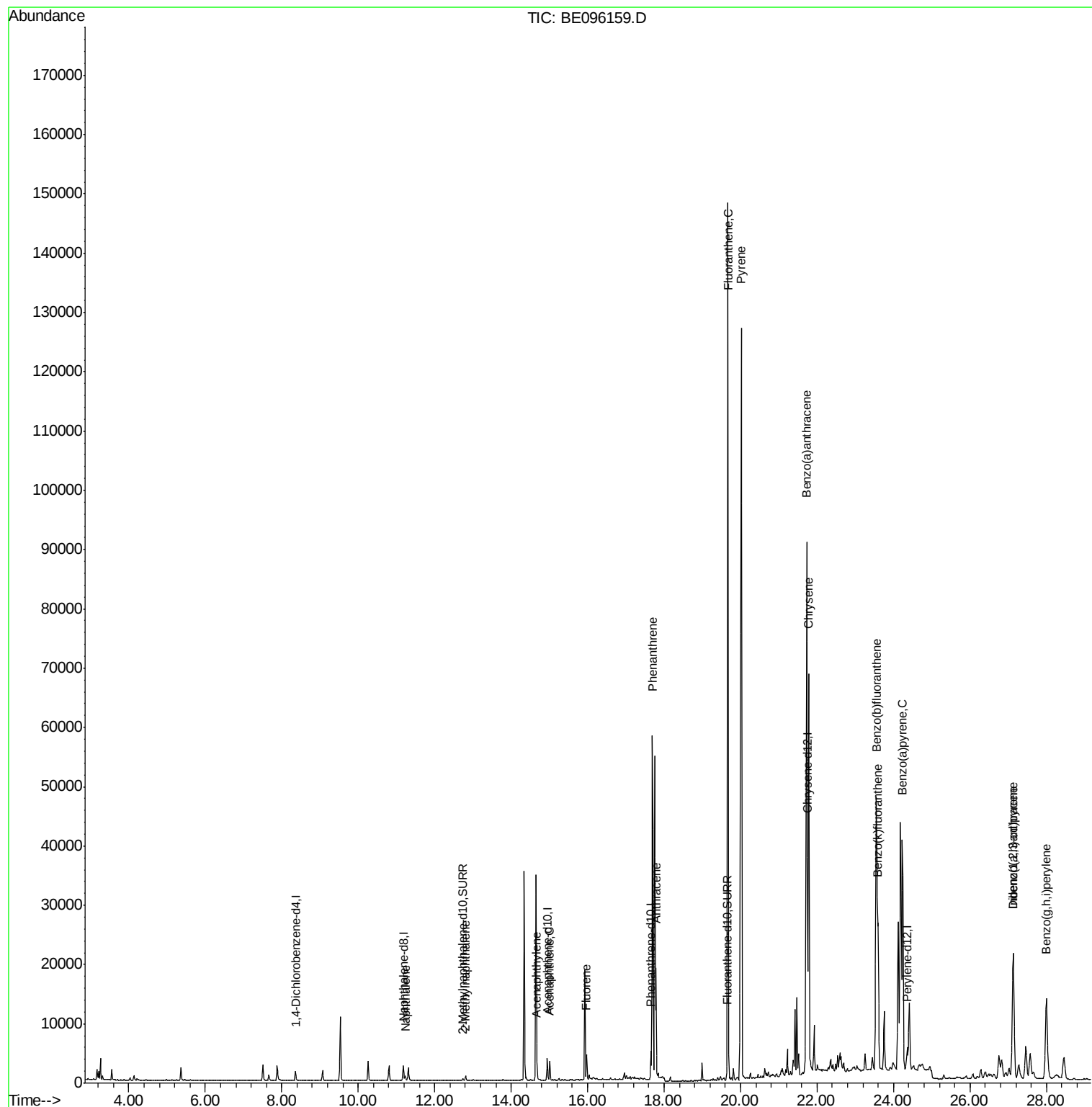
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
Data File : BE096159.D
Acq On : 25 Apr 2018 21:55
Operator : SJ/JU
Sample : J2434-02DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

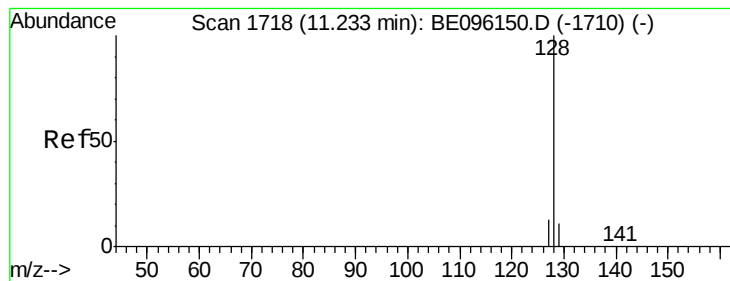
Instrument :
BNA_E
ClientSampleId :
C0AB7DL

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:04 PM

Quant Time: Apr 26 05:51:24 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 05:06:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.116 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

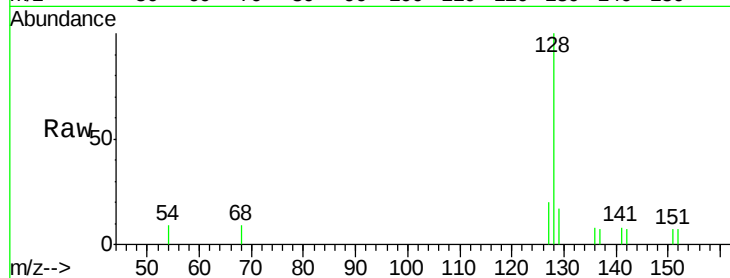
ClientSampleId :

C0AB7DL

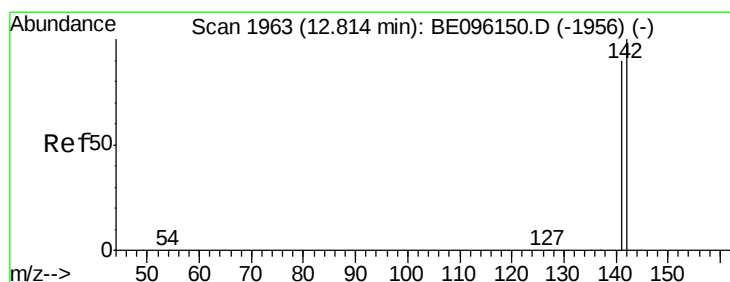
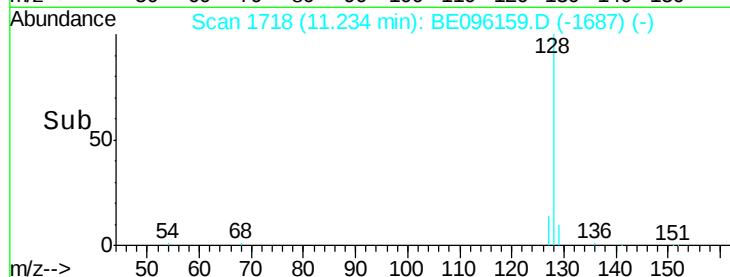
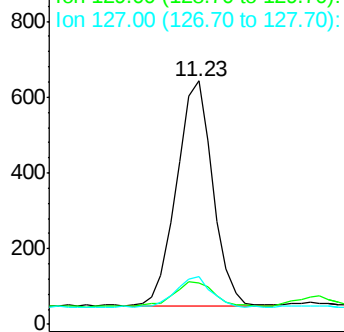
Tgt Ion:	128	Resp:	1029
Ion Ratio	Lower	Upper	
128	100		
129	17.0	11.3	16.9#
127	19.8	4.0	6.0#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:04 PM



Abundance Ion 128.00 (127.70 to 128.70): E



#5

2-Methylnaphthalene

Concen: 0.094 ng/ul

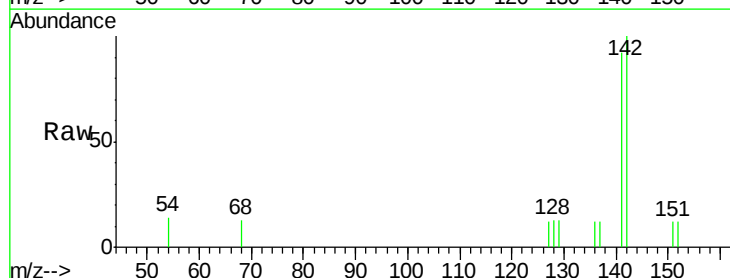
RT: 12.81 min Scan# 1962

Delta R.T. -0.01 min

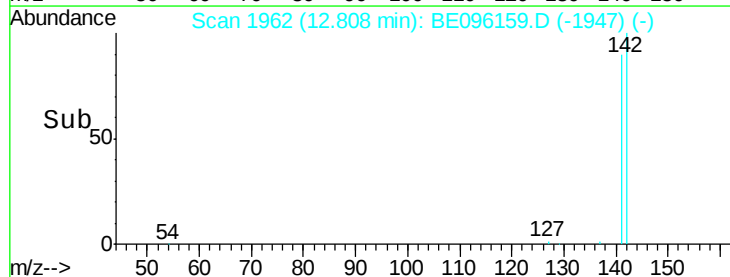
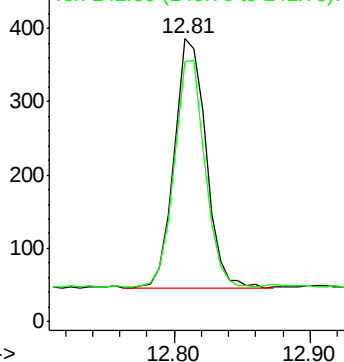
Lab File: BE096159.D

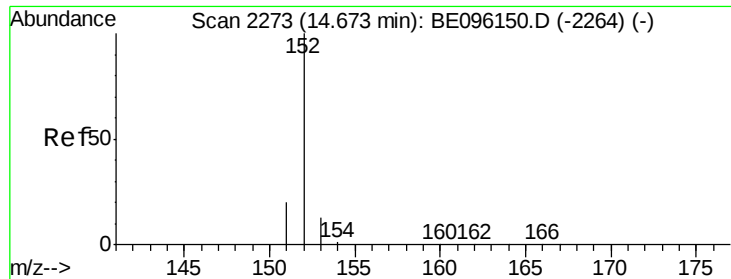
Acq: 25 Apr 2018 21:55

Tgt Ion:	142	Resp:	556
Ion Ratio	Lower	Upper	
142	100		
141	87.4	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E





#7

Acenaphthylene

Concen: 0.257 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

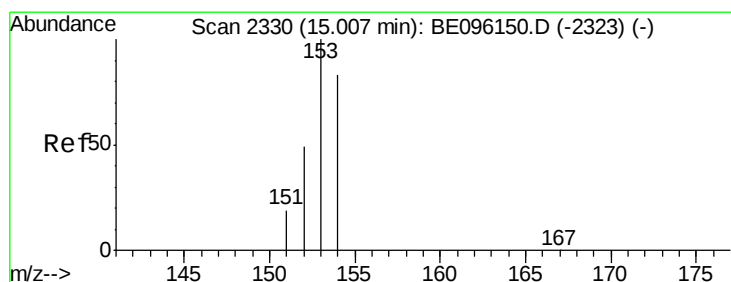
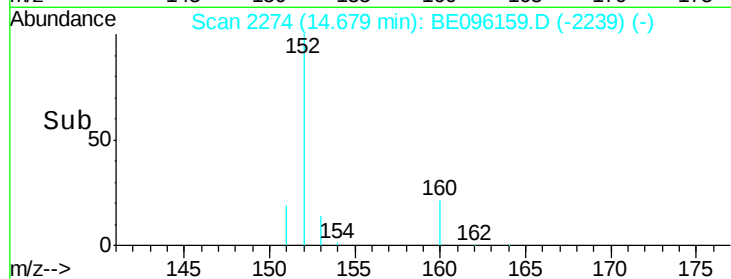
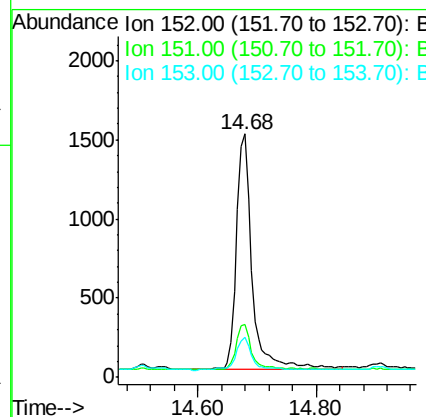
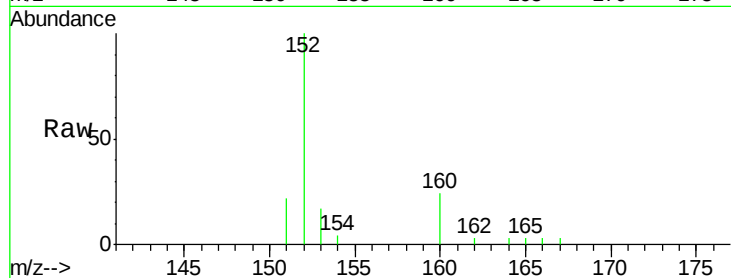
ClientSampleId :

C0AB7DL

Tgt Ion:	152	Resp:	2729
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.1	25.7
153	16.7	12.8	19.2

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:04 PM



#8

Acenaphthene

Concen: 0.248 ng/ul

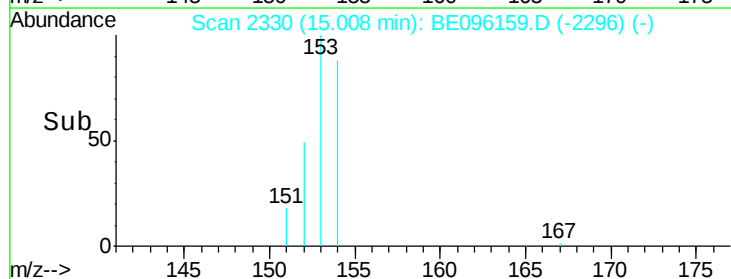
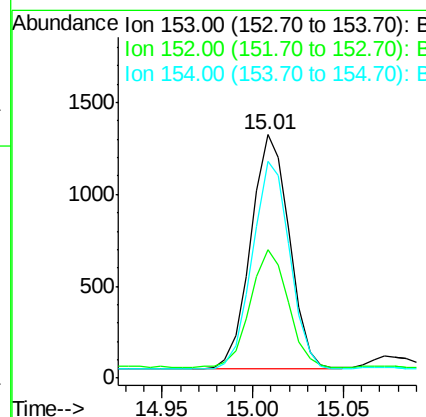
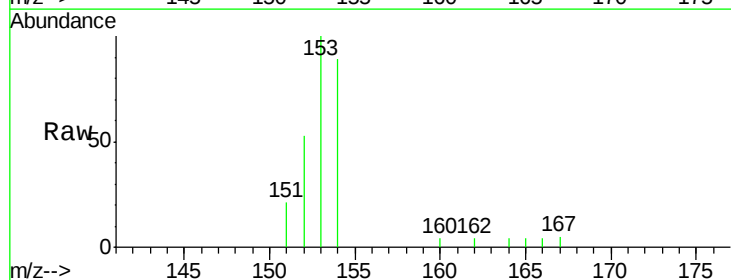
RT: 15.01 min Scan# 2330

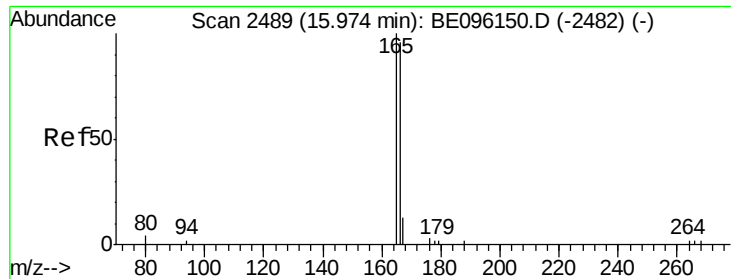
Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Tgt Ion:	153	Resp:	1904
Ion Ratio	Lower	Upper	
153	100		
152	52.6	36.0	54.0
154	88.8	72.0	108.0





#9

Fluorene

Concen: 0.285 ng/ul

RT: 15.97 min Scan# 2489

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

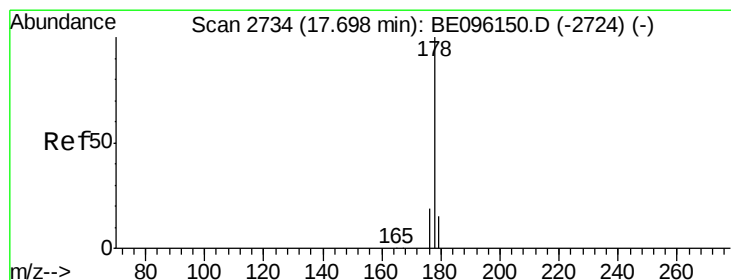
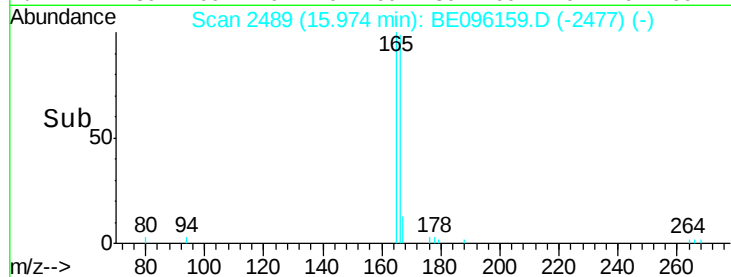
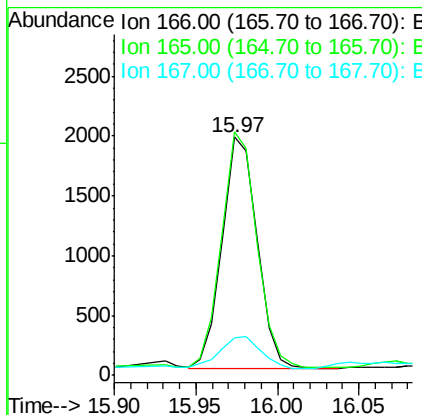
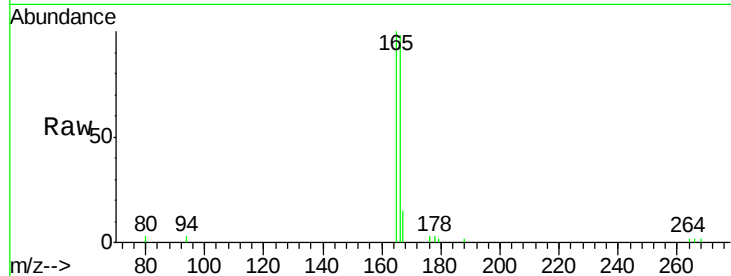
ClientSampleId :

C0AB7DL

Tgt Ion:	166	Resp:	2891
Ion Ratio	Lower	Upper	
166	100		
165	102.2	73.4	110.2
167	15.7	14.6	22.0

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:04 PM



#12

Phenanthrene

Concen: 3.794 ng/ul

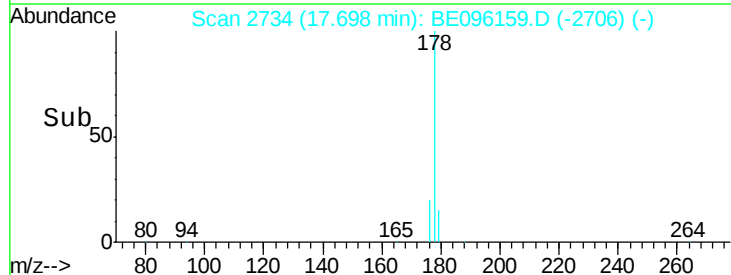
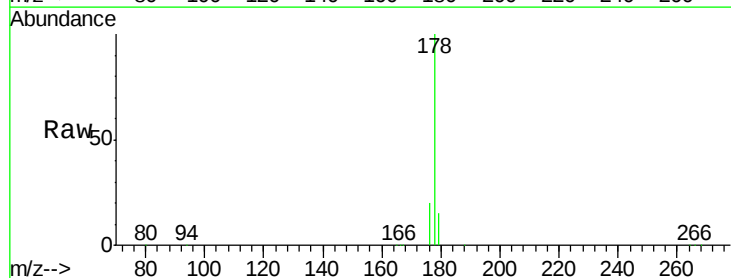
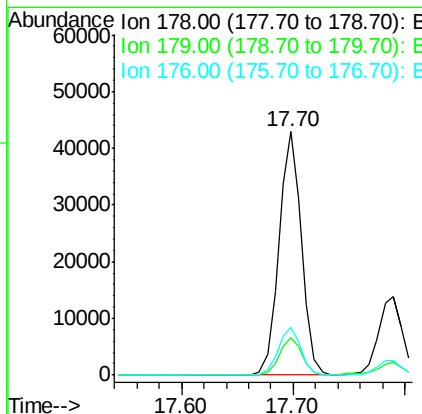
RT: 17.70 min Scan# 2734

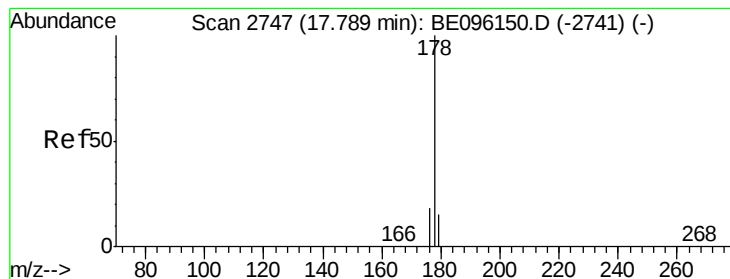
Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Tgt Ion:	178	Resp:	60169
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	19.8	13.6	20.4





#13

Anthracene

Concen: 1.224 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

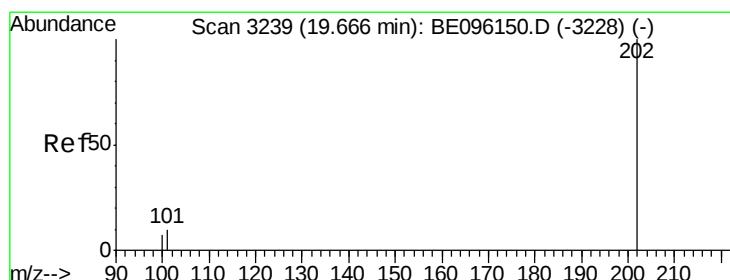
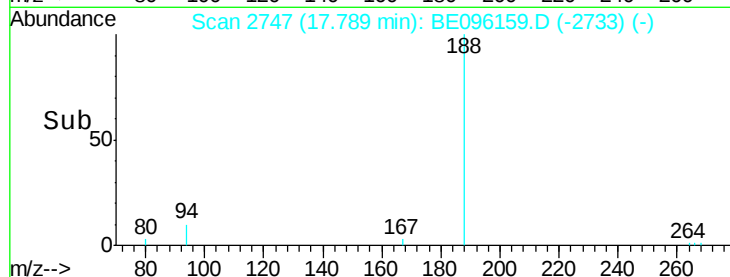
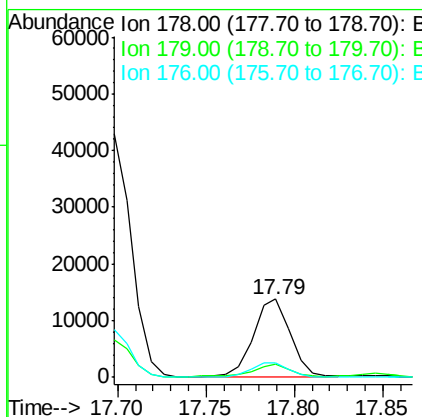
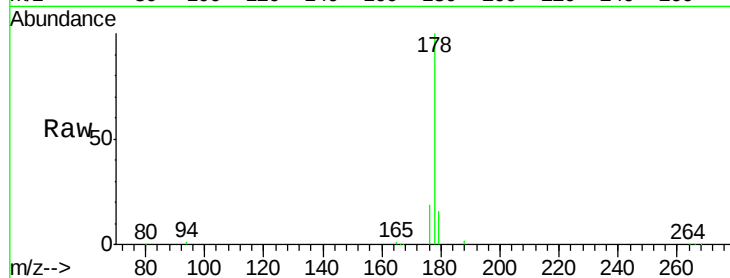
ClientSampleId :

C0AB7DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	18.9	14.7	22.1

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:04 PM



#15

Fluoranthene

Concen: 6.966 ng/ul

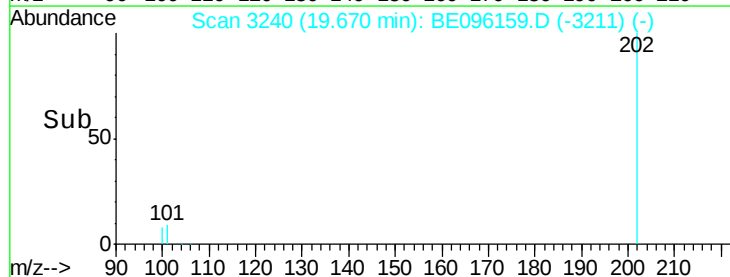
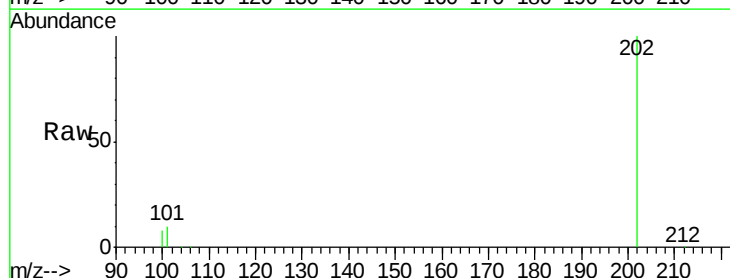
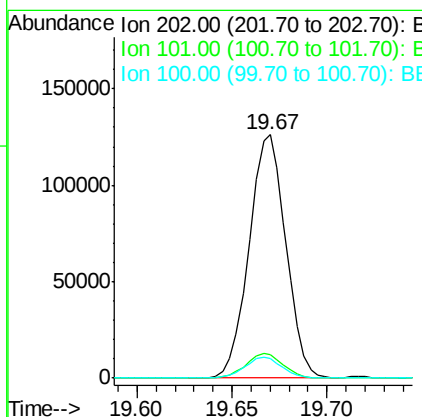
RT: 19.67 min Scan# 3240

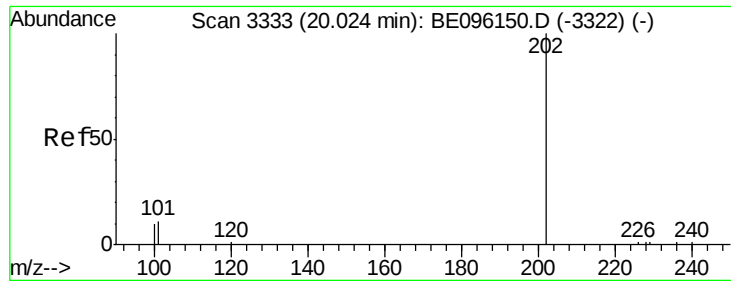
Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
100	7.8	0.0	39.5





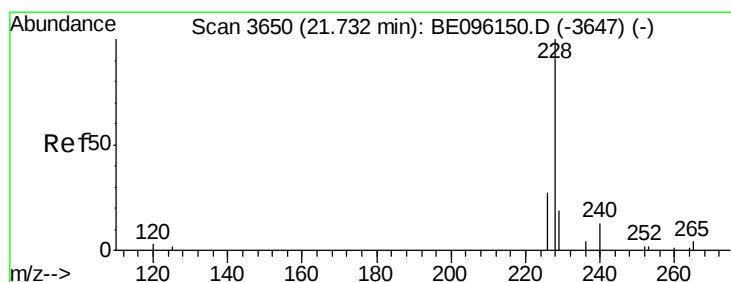
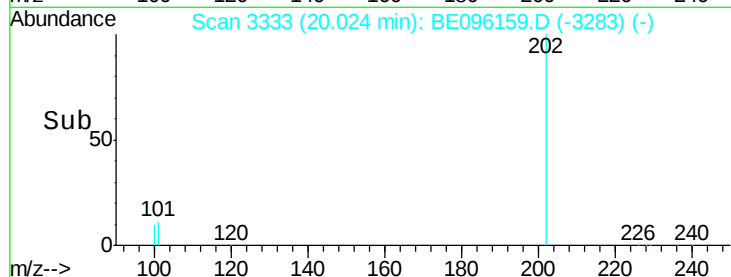
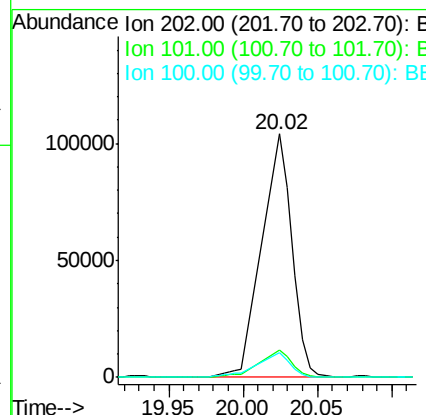
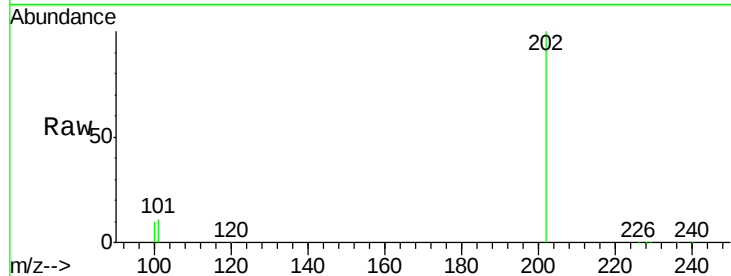
#17
 Pyrene
 Concen: 6.303 ng/u1
 RT: 20.02 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: BE096159.D
 Acq: 25 Apr 2018 21:55

Instrument :
 BNA_E
 ClientSampleId :
 C0AB7DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	87460		
101	11.5	18.2	27.4#	
100	10.2	15.6	23.4#	

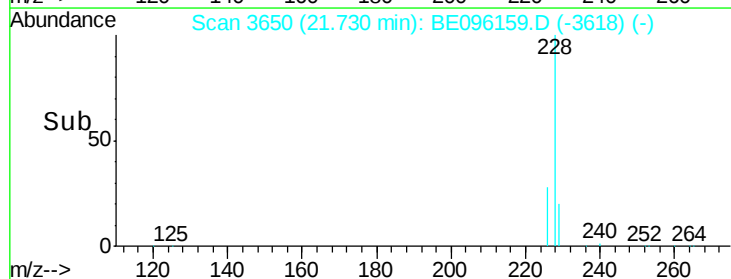
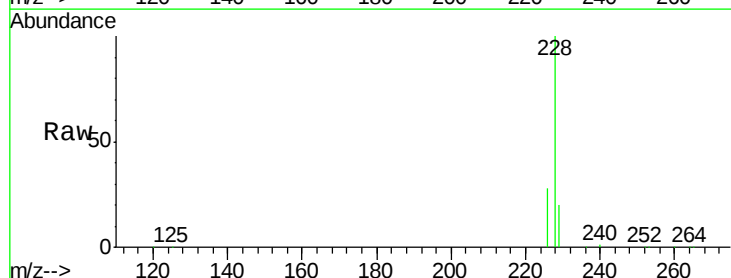
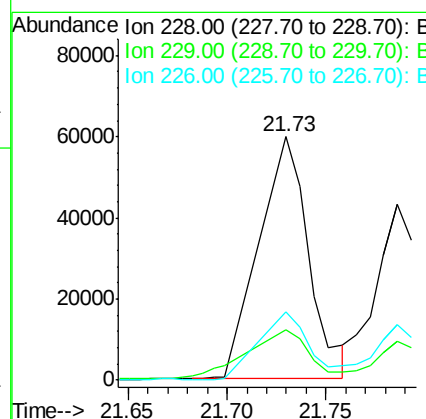
Manual Integrations
 APPROVED

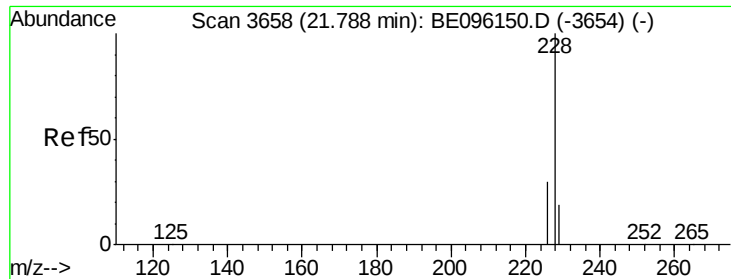
Sohil
 4/26/2018 6:20:04 PM



#18
 Benzo(a)anthracene
 Concen: 3.873 ng/u1
 RT: 21.73 min Scan# 3650
 Delta R.T. -0.00 min
 Lab File: BE096159.D
 Acq: 25 Apr 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	81110		
229	20.4	22.8	34.2#	
226	28.3	17.0	25.6#	





#19

Chrysene

Concen: 3.402 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

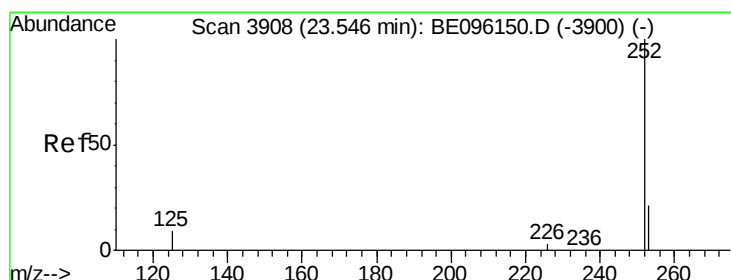
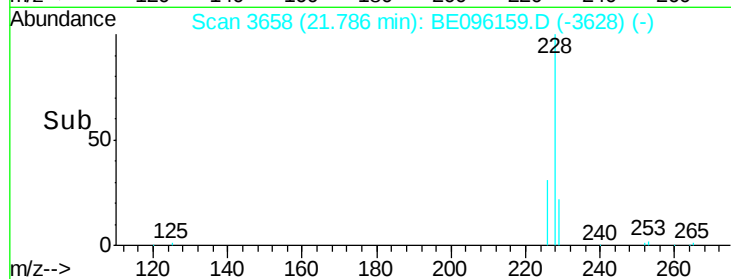
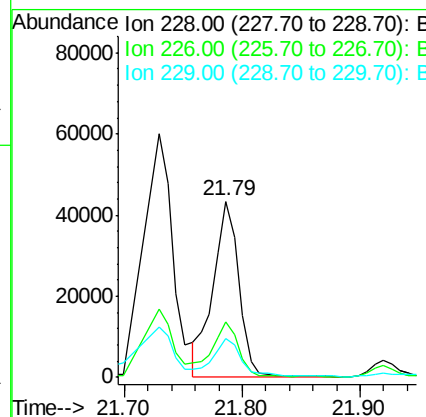
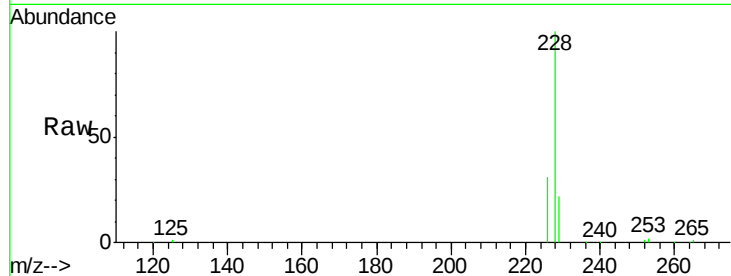
ClientSampleId :

C0AB7DL

Tgt Ion:	228	Resp:	65474
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	22.2	17.7	26.5

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:04 PM



#21

Benzo(b)fluoranthene

Concen: 4.467 ng/ul m

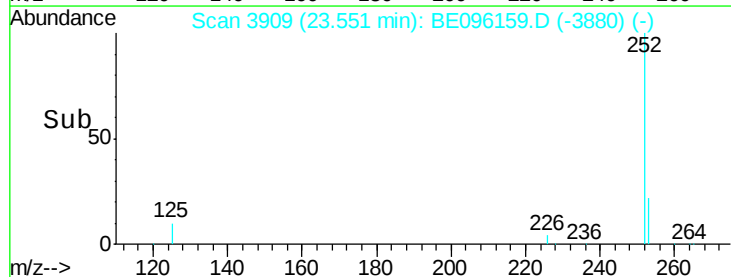
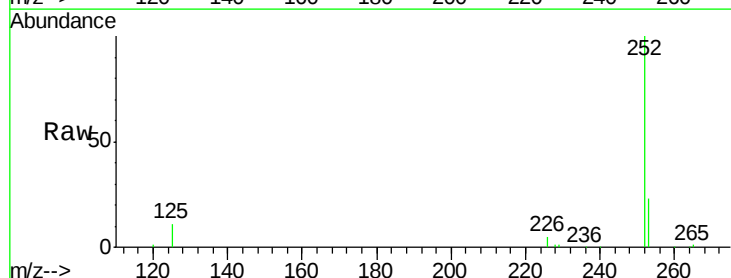
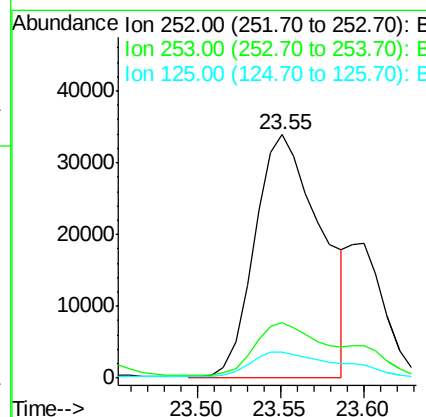
RT: 23.55 min Scan# 3909

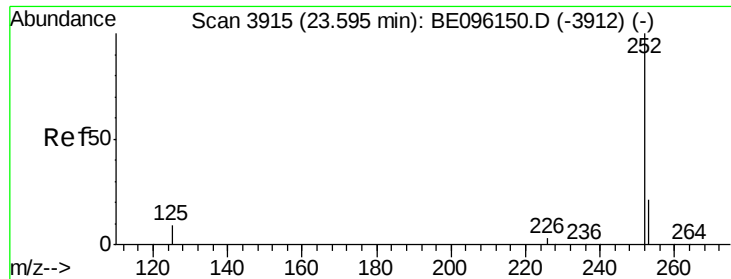
Delta R.T. 0.01 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Tgt Ion:	252	Resp:	94045
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	10.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.391 ng/ul m

RT: 23.60 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

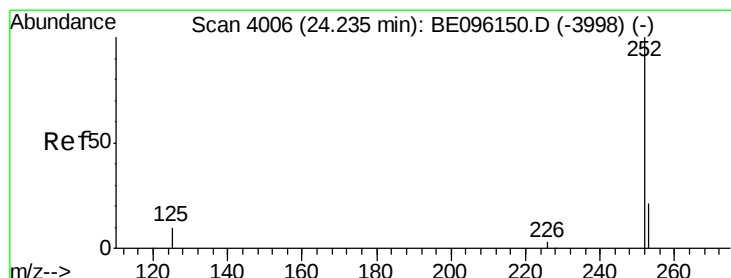
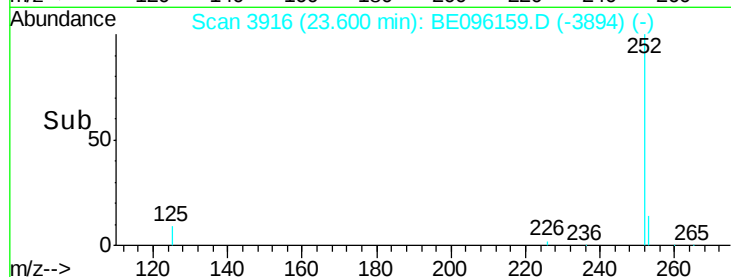
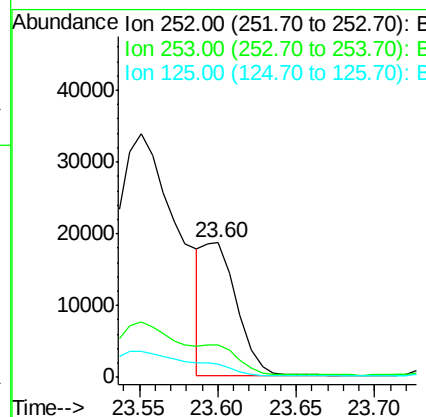
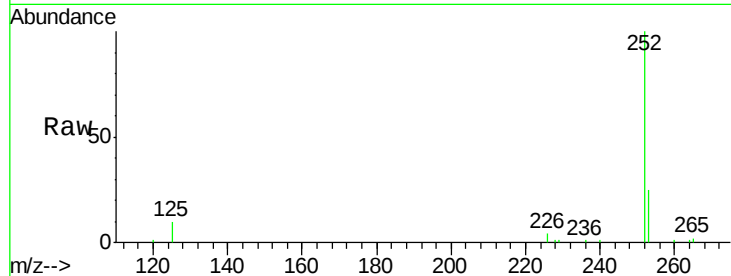
ClientSampleId :

C0AB7DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7
125	9.8	13.7	20.5#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:04 PM



#23

Benzo(a)pyrene

Concen: 3.459 ng/ul

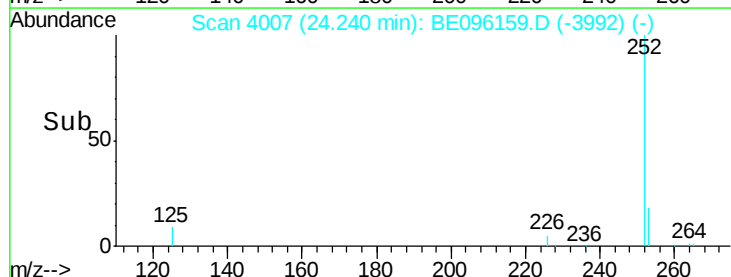
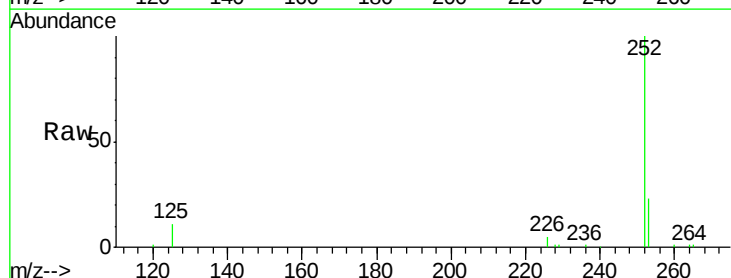
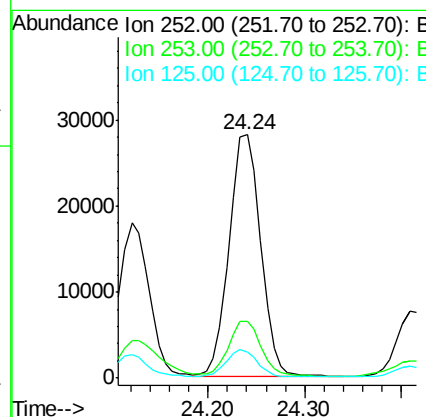
RT: 24.24 min Scan# 4007

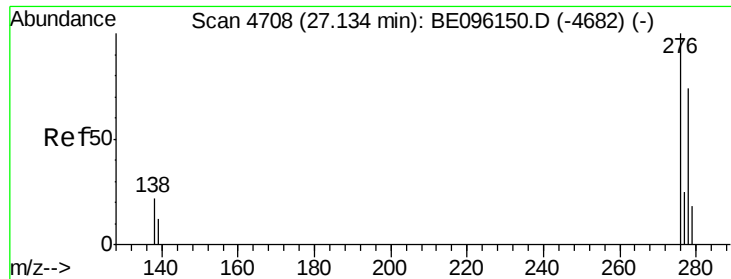
Delta R.T. 0.01 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	10.7	18.1	27.1#





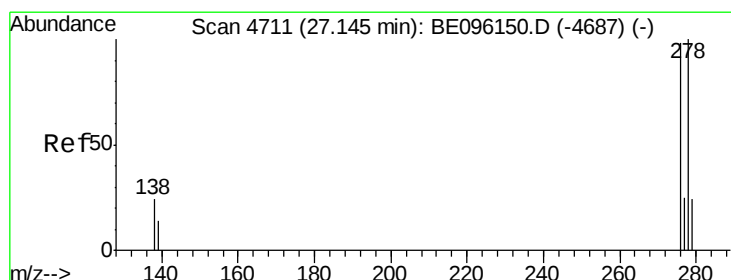
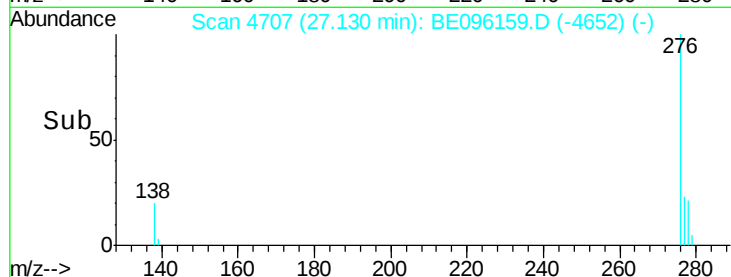
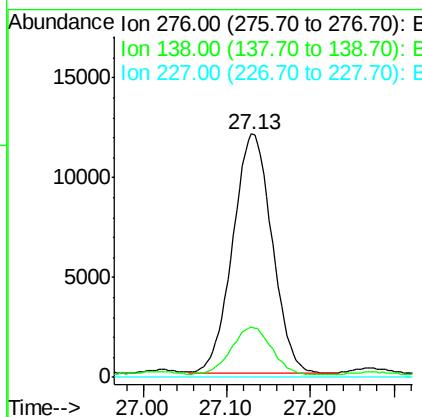
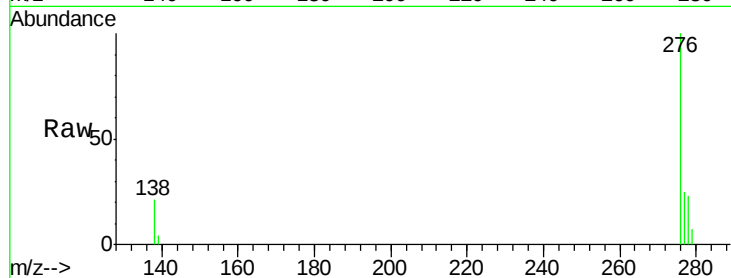
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.588 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.00 min
Lab File: BE096159.D
Acq: 25 Apr 2018 21:55

Instrument :
BNA_E
ClientSampleId :
C0AB7DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	39142		
138	20.3	28.0	42.0	
227	0.0	8.0	12.0	

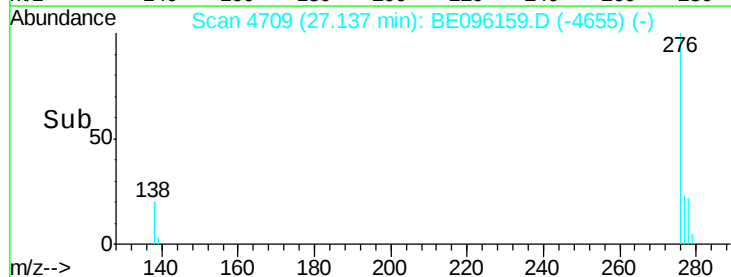
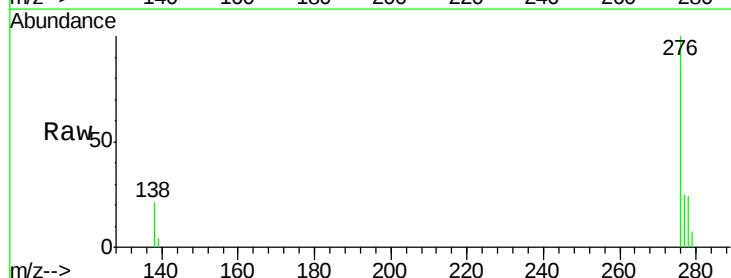
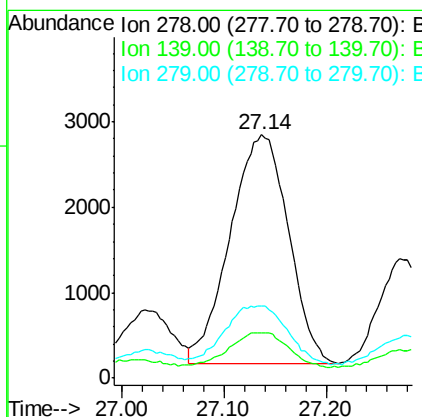
Manual Integrations
APPROVED

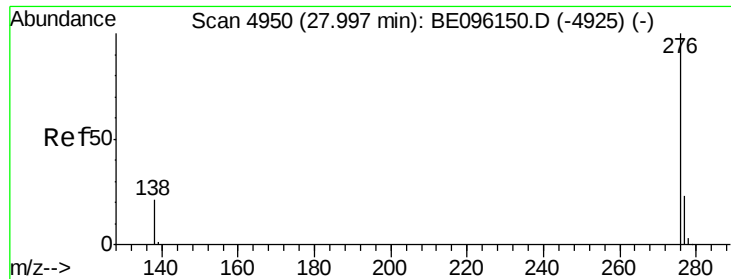
Sohil
4/26/2018 6:20:04 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 27.14 min Scan# 4709
Delta R.T. -0.01 min
Lab File: BE096159.D
Acq: 25 Apr 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	10587		
139	18.5	17.4	26.0	
279	29.8	25.9	38.9	





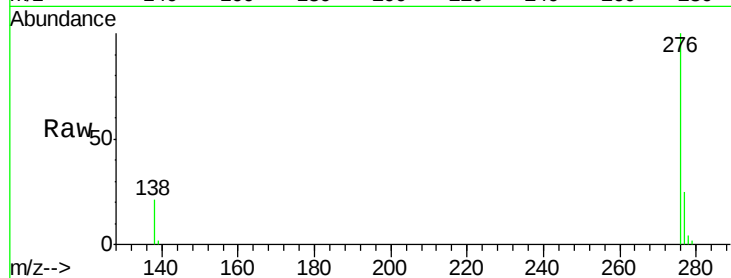
#26
 Benzo(g,h,i)perylene
 Concen: 1.587 ng/ul
 RT: 28.00 min Scan# 4950
 Delta R.T. -0.00 min
 Lab File: BE096159.D
 Acq: 25 Apr 2018 21:55

Instrument :
 BNA_E
 ClientSampleId :
 C0AB7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.8	32.8#
277	24.6	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:04 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

