

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096147.D
 Acq On : 25 Apr 2018 14:37
 Operator : SJ/JU
 Sample : J2431-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASN7

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:19:39 PM

Quant Time: Apr 26 04:45:56 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 04:18:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	815	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3218	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2262	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5839m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7733m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5139m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2053	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7489m	0.28	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	11.23	128	31274	3.490	ng/ul#	91
5) 2-Methylnaphthalene	12.81	142	44876	7.475	ng/ul	100
7) Acenaphthylene	14.68	152	19291	1.654	ng/ul	97
8) Acenaphthene	15.01	153	552134	65.671	ng/ul	94
9) Fluorene	15.98	166	783168	70.401	ng/ul#	89
11) Pentachlorophenol	17.32	266	322m	0.229	ng/ul	
12) Phenanthrene	17.70	178	757962m	44.090	ng/ul	
13) Anthracene	17.79	178	85390m	4.951	ng/ul	
15) Fluoranthene	19.67	202	415627m	15.817	ng/ul	
17) Pyrene	20.02	202	179924	11.598	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	15629m	0.668	ng/ul	
19) Chrysene	21.79	228	9025m	0.420	ng/ul	
21) Benzo(b)fluoranthene	23.54	252	6723m	0.345	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	1816m	0.098	ng/ul	
23) Benzo(a)pyrene	24.24	252	3527m	0.209	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.13	276	1816m	0.080	ng/ul	
25) Dibenzo(a,h)anthracene	27.13	278	486m	0.025	ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	1514m	0.076	ng/ul	

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

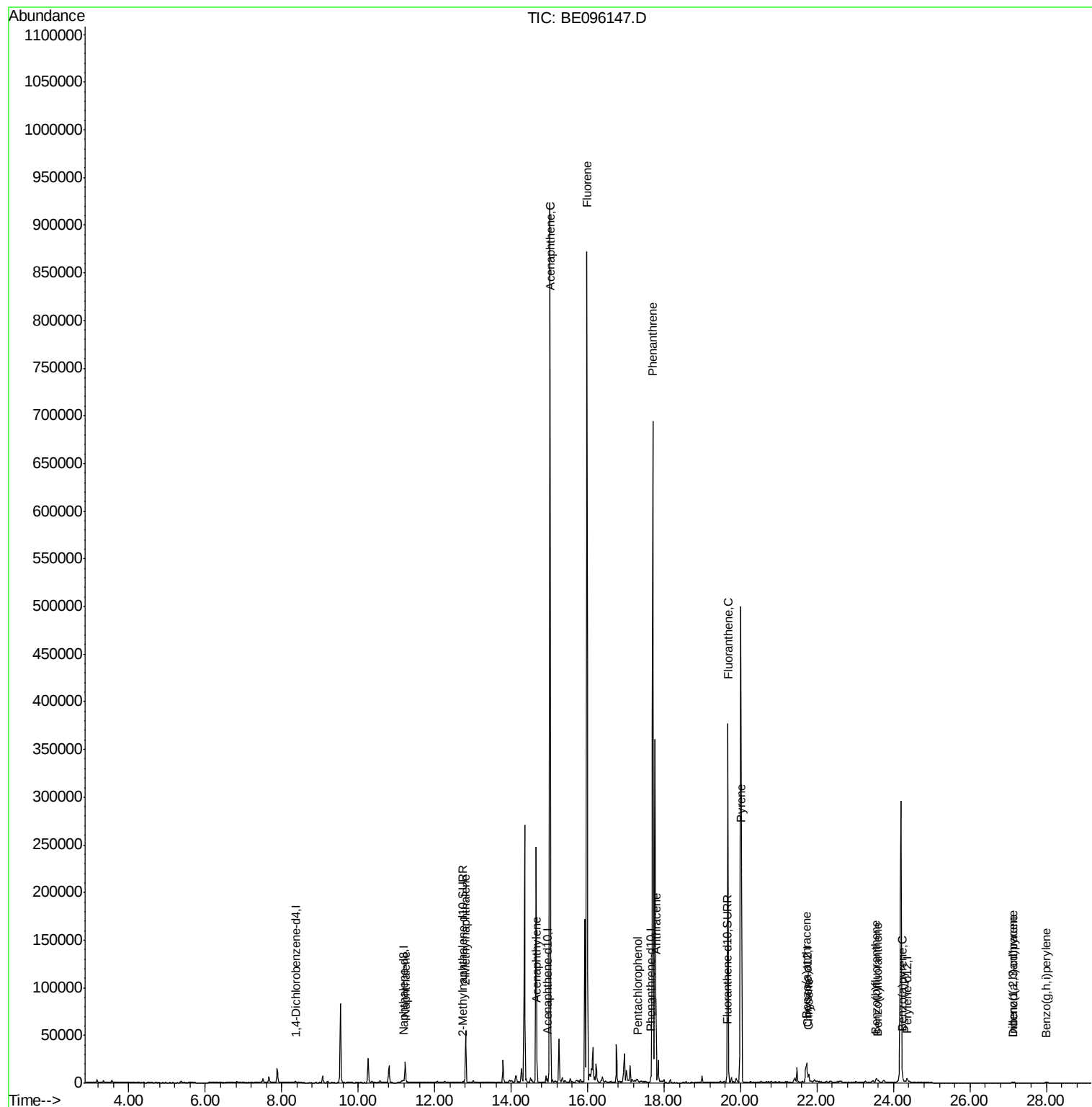
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
Data File : BE096147.D
Acq On : 25 Apr 2018 14:37
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

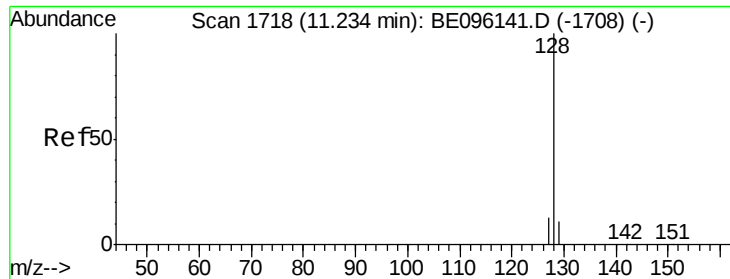
Instrument :
BNA_E
ClientSampleId :
DASN7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:39 PM

Quant Time: Apr 26 04:45:56 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 04:18:04 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.490 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Instrument :

BNA_E

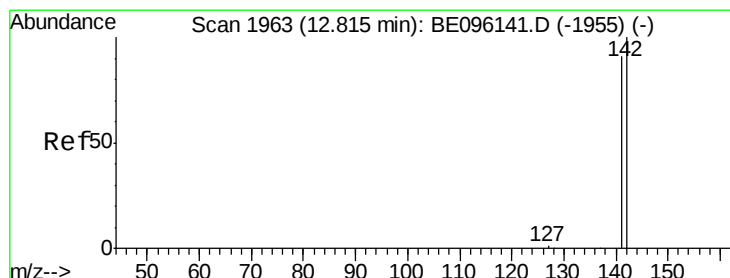
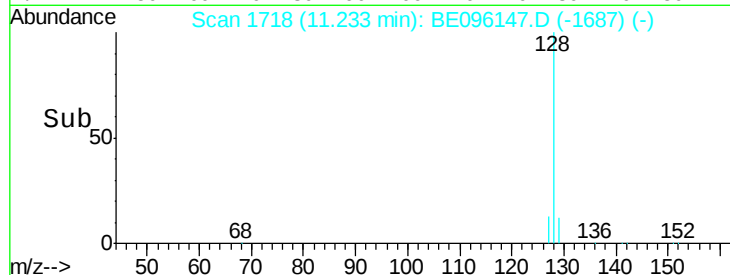
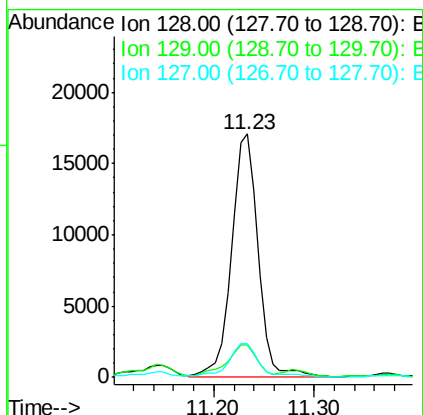
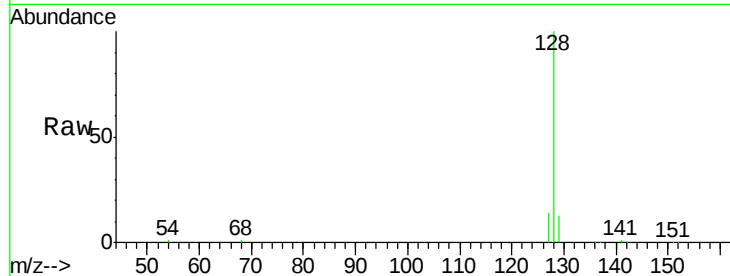
ClientSampleId :

DASN7

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.1	11.3	16.9
127	13.9	4.0	6.0

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:39 PM



#5

2-Methylnaphthalene

Concen: 7.475 ng/ul

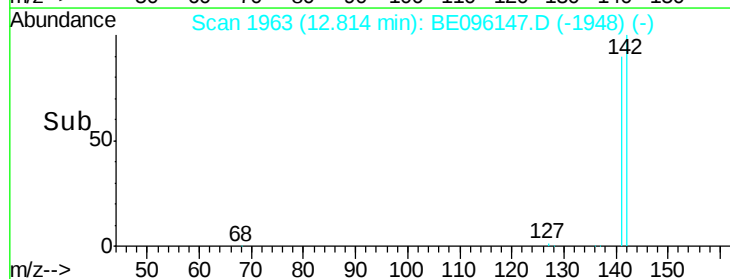
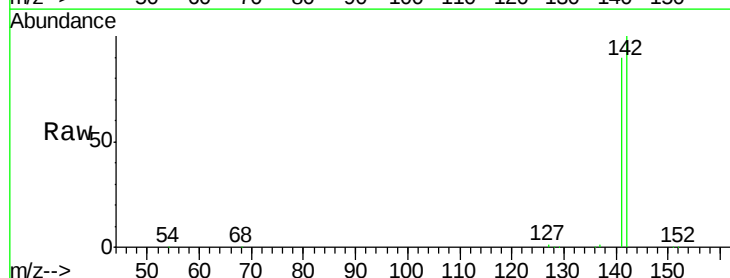
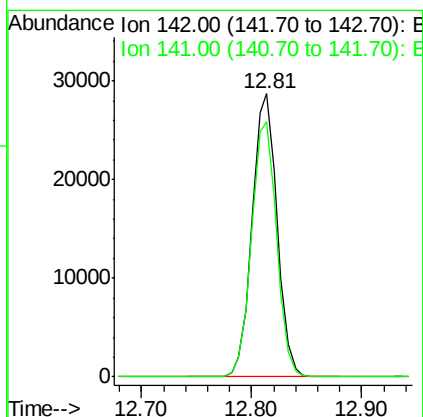
RT: 12.81 min Scan# 1963

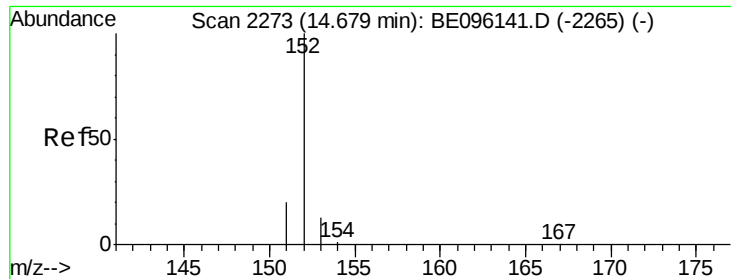
Delta R.T. -0.00 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8





#7

Acenaphthylene

Concen: 1.654 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Instrument :

BNA_E

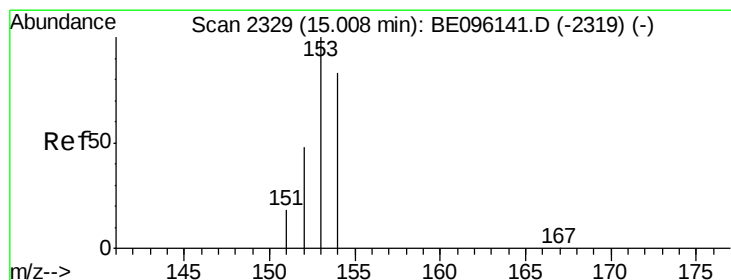
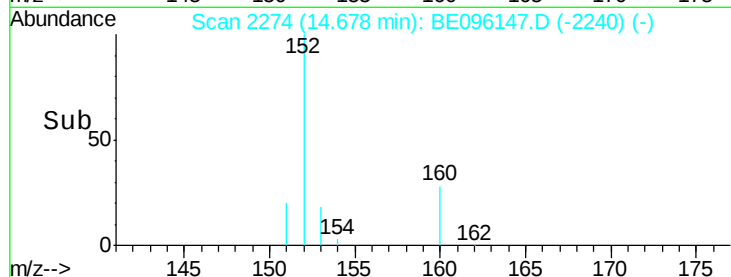
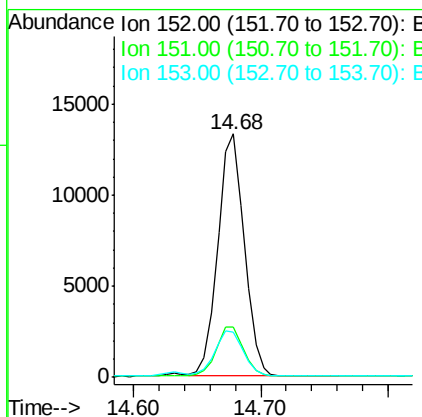
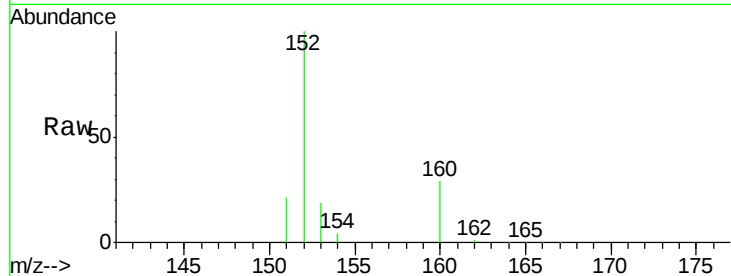
ClientSampleId :

DASN7

Tgt Ion:	152	Resp:	19291
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	18.7	12.8	19.2

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:39 PM



#8

Acenaphthene

Concen: 65.671 ng/ul

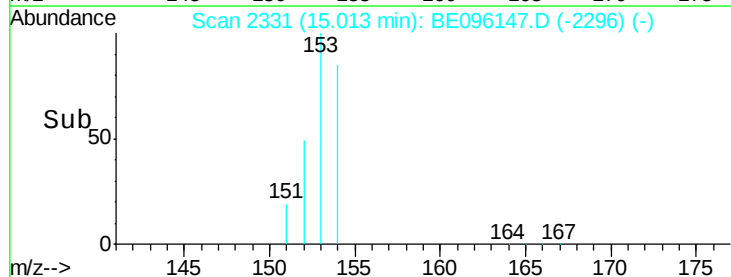
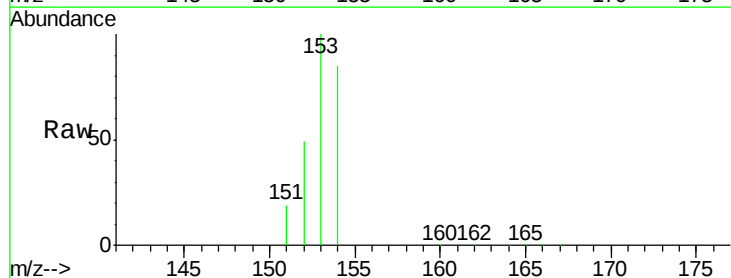
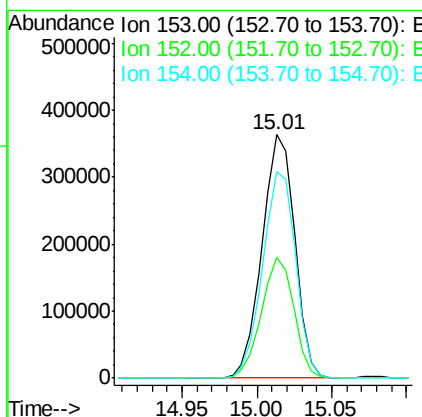
RT: 15.01 min Scan# 2331

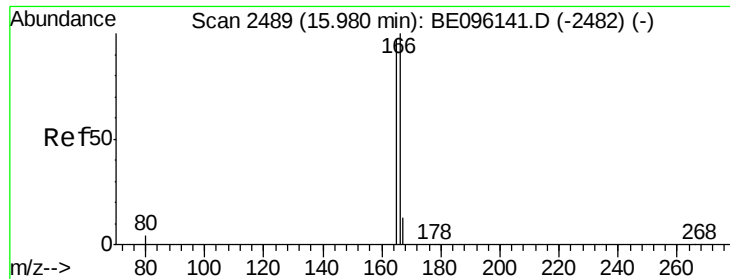
Delta R.T. 0.01 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Tgt Ion:	153	Resp:	552134
Ion Ratio	Lower	Upper	
153	100		
152	49.4	36.0	54.0
154	84.8	72.0	108.0





#9

Fluorene

Concen: 70.401 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Instrument :

BNA_E

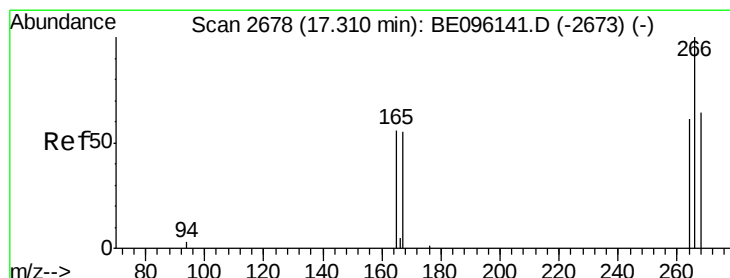
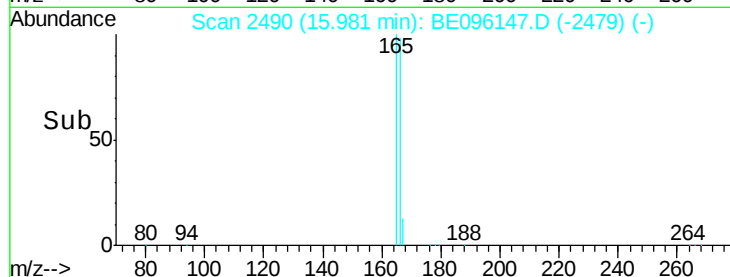
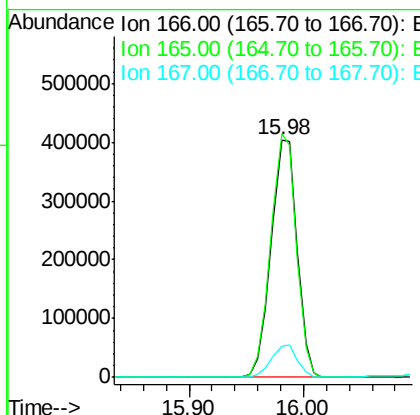
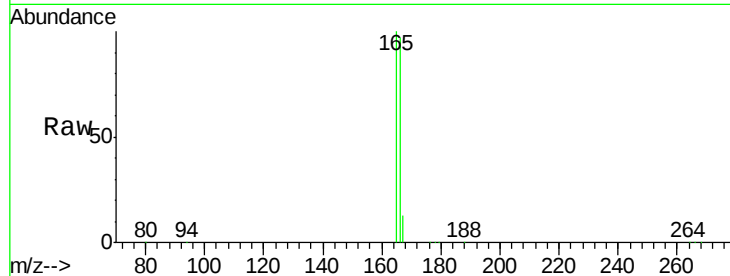
ClientSampleId :

DASN7

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.6	73.4	110.2
167	13.3	14.6	22.0#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:39 PM



#11

Pentachlorophenol

Concen: 0.229 ng/ul m

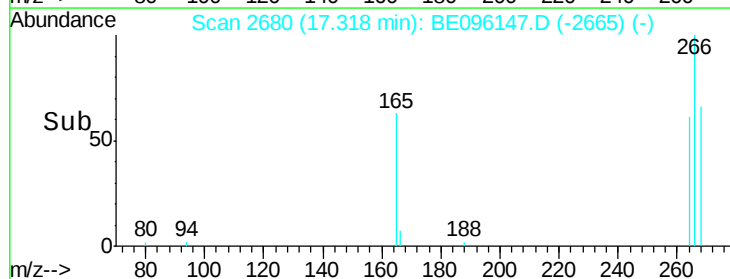
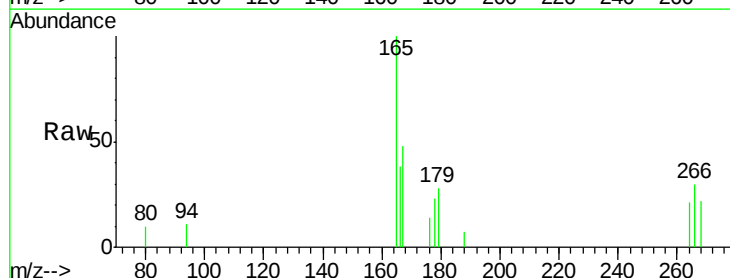
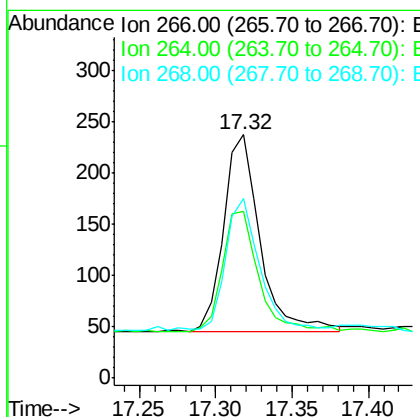
RT: 17.32 min Scan# 2680

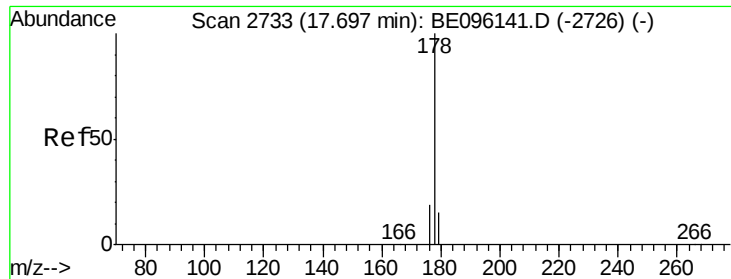
Delta R.T. 0.01 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	2.2	47.9	71.9#
268	1.9	49.8	74.8#





#12

Phenanthrene

Concen: 44.090 ng/ul m

RT: 17.70 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Instrument :

BNA_E

ClientSampleId :

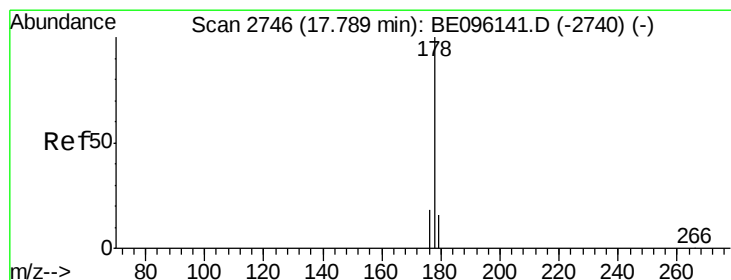
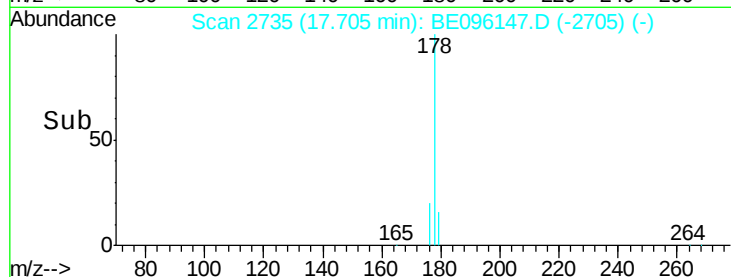
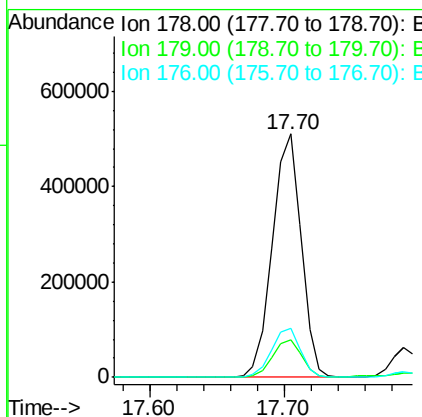
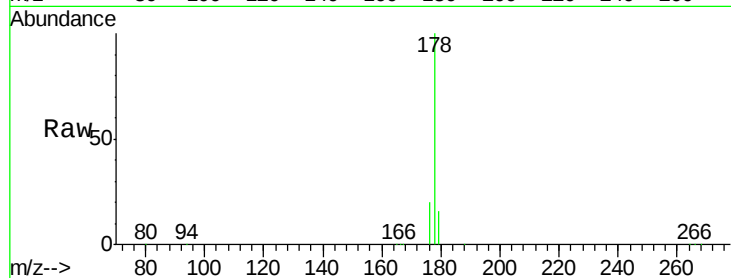
DASN7

Tgt Ion:178 Resp: 757962

Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	20.2	13.6	20.4

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:39 PM



#13

Anthracene

Concen: 4.951 ng/ul m

RT: 17.79 min Scan# 2747

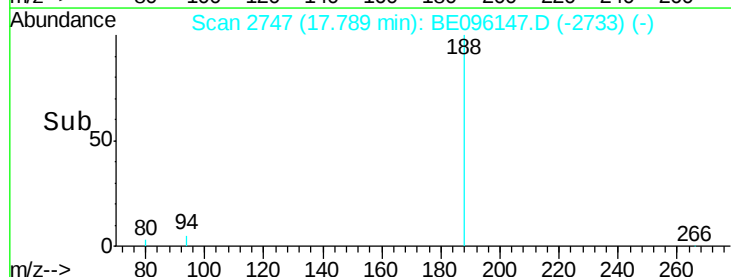
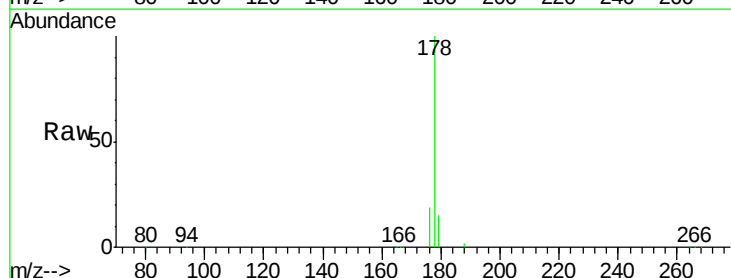
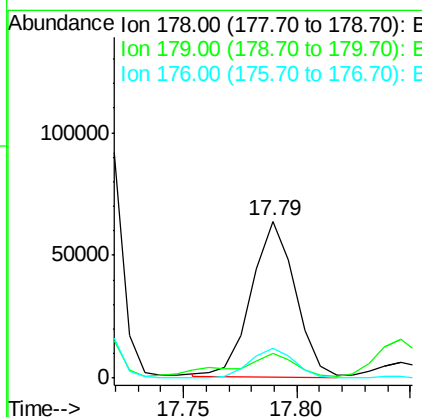
Delta R.T. 0.00 min

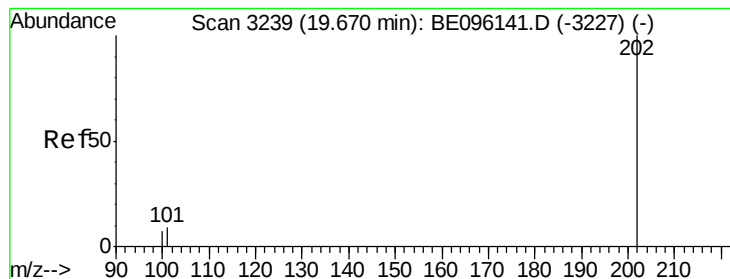
Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Tgt Ion:178 Resp: 85390

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	19.4	14.7	22.1





#15

Fluoranthene

Concen: 15.817 ng/ul m

RT: 19.67 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Instrument :

BNA_E

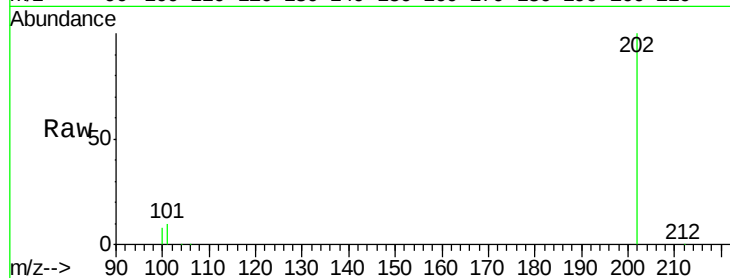
ClientSampleId :

DASN7

Tgt Ion:	202	Resp:	415627
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.3
100	8.0	0.0	39.5

Manual Integrations
APPROVED

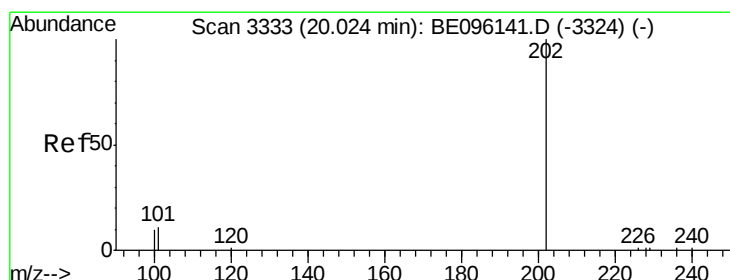
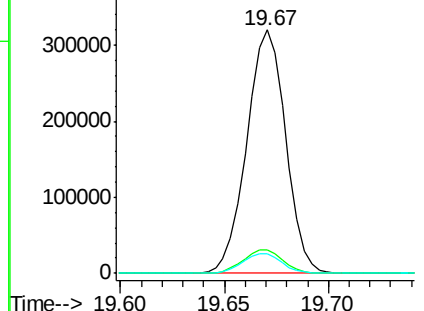
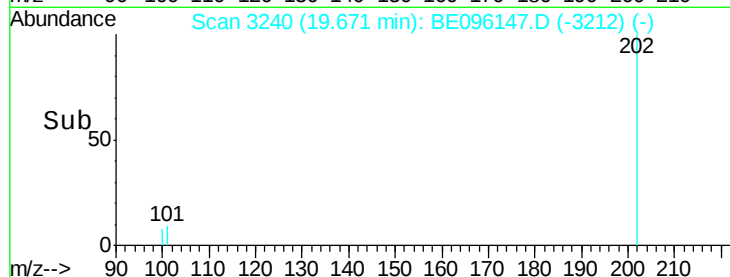
Sohil
4/26/2018 6:19:39 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 11.598 ng/ul

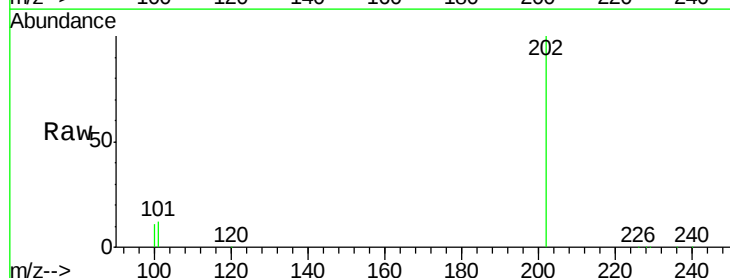
RT: 20.02 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

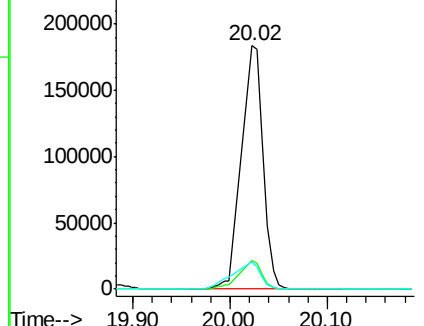
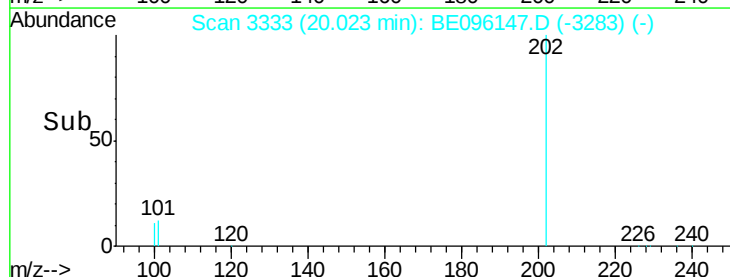
Tgt Ion:	202	Resp:	179924
Ion Ratio	Lower	Upper	
202	100		
101	12.0	18.2	27.4#
100	11.0	15.6	23.4#

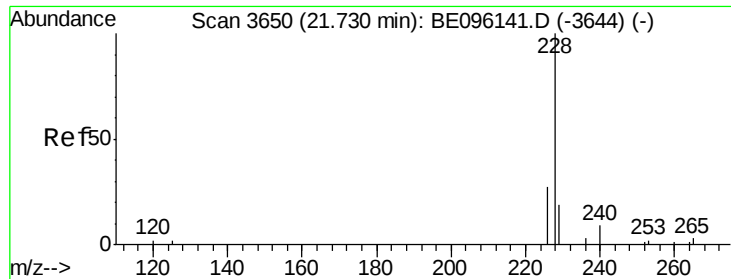


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.668 ng/ul m

RT: 21.73 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Instrument :

BNA_E

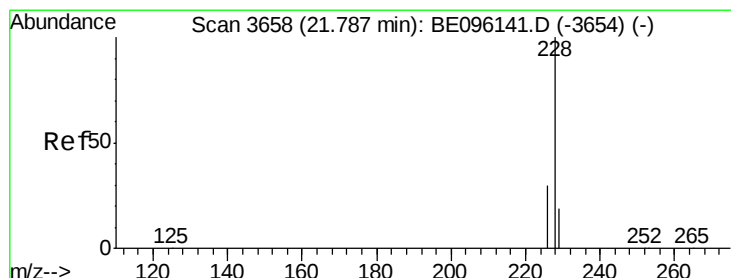
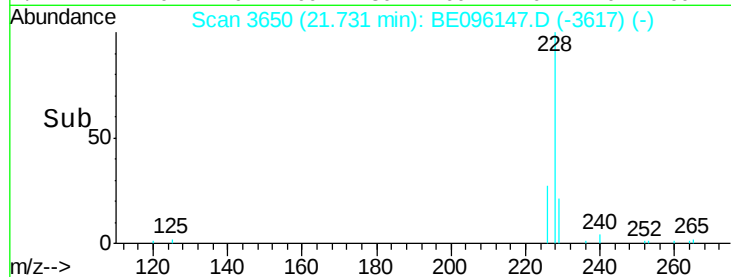
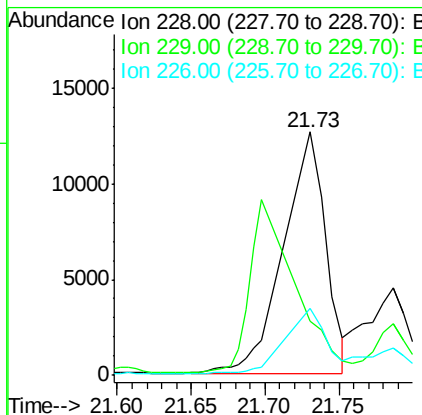
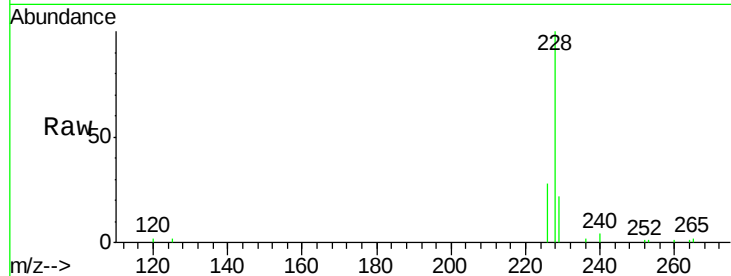
ClientSampleId :

DASN7

Tgt Ion:	228	Resp:	15629
Ion Ratio	Lower	Upper	
228	100		
229	22.2	22.8	34.2#
226	27.6	17.0	25.6#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:39 PM



#19

Chrysene

Concen: 0.420 ng/ul m

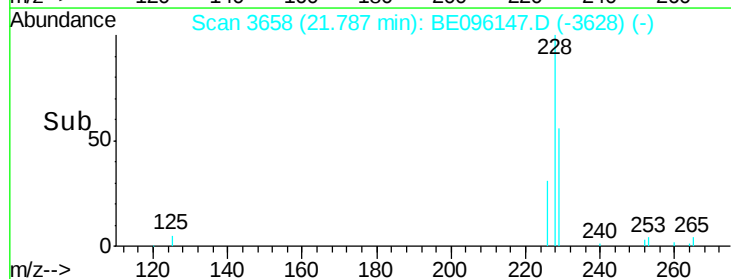
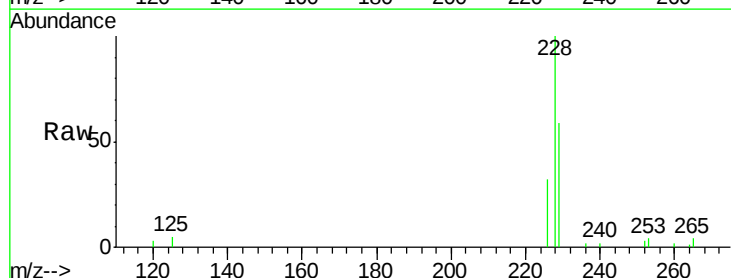
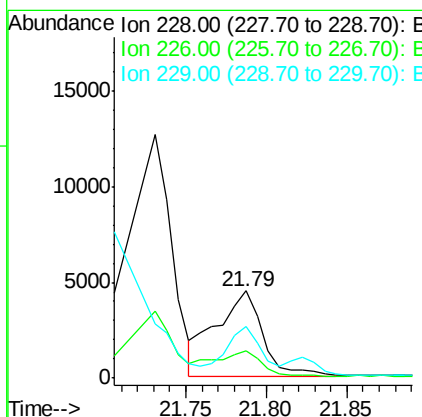
RT: 21.79 min Scan# 3658

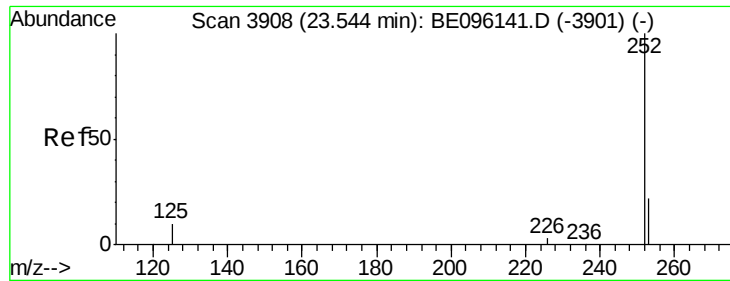
Delta R.T. 0.00 min

Lab File: BE096147.D

Acq: 25 Apr 2018 14:37

Tgt Ion:	228	Resp:	9025
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.4	35.0
229	58.6	17.7	26.5#





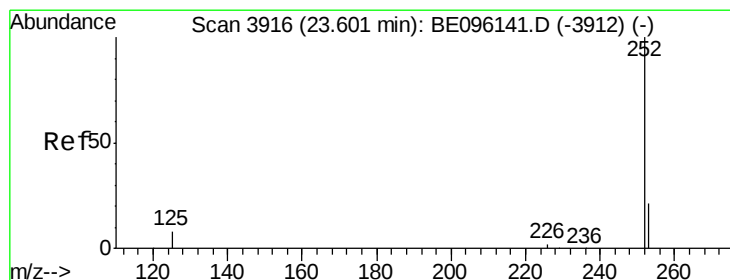
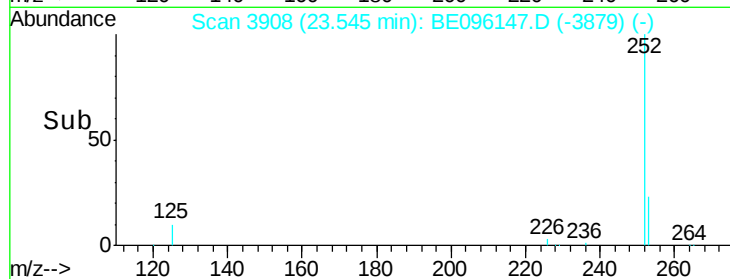
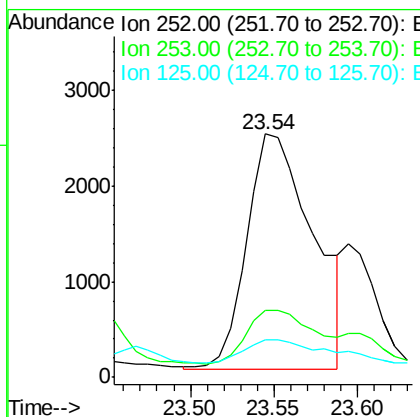
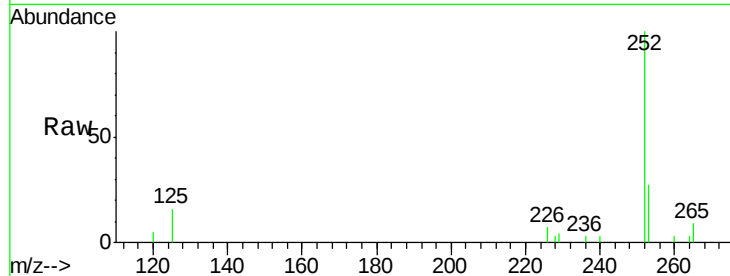
#21
Benzo(b)fluoranthene
Concen: 0.345 ng/ul m
RT: 23.54 min Scan# 3908
Delta R.T. 0.00 min
Lab File: BE096147.D
Acq: 25 Apr 2018 14:37

Instrument :
BNA_E
ClientSampleId :
DASN7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	64.2
125	15.6	0.0	35.0

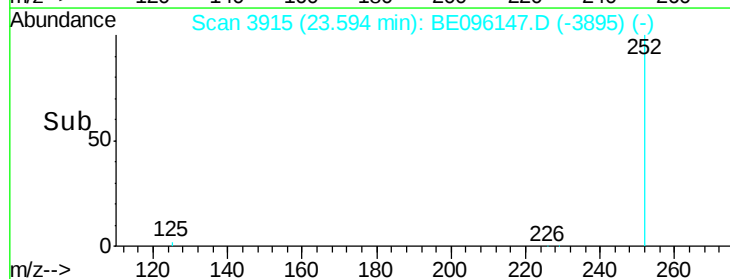
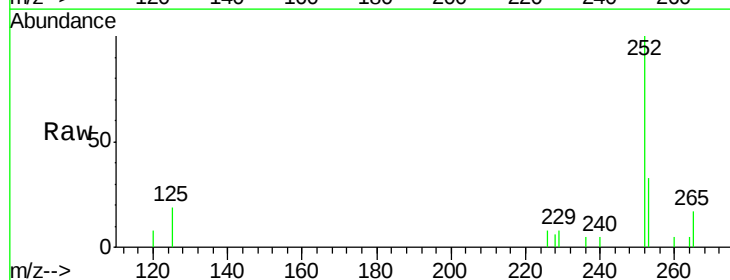
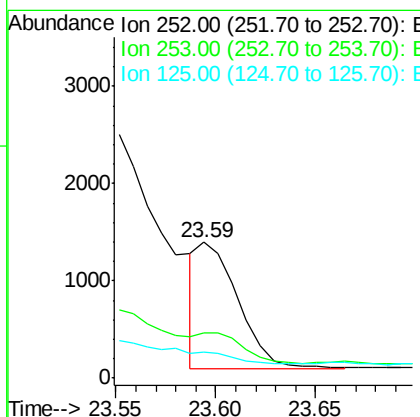
Manual Integrations
APPROVED

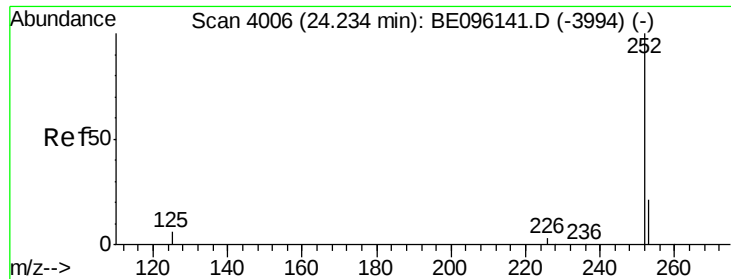
Sohil
4/26/2018 6:19:39 PM



#22
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.59 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BE096147.D
Acq: 25 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	24.5	36.7
125	19.0	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.209 ng/ul m

RT: 24.24 min Scan# 4007

Delta R.T. 0.01 min

Lab File: BE096147.D

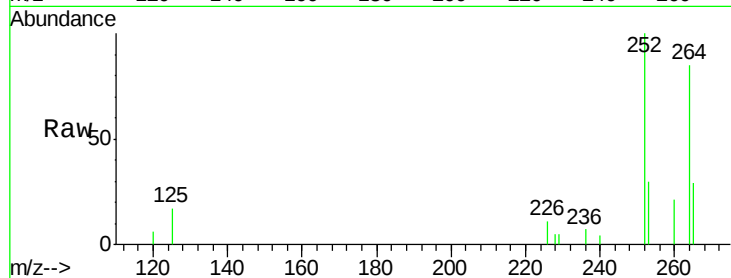
Acq: 25 Apr 2018 14:37

Instrument :

BNA_E

ClientSampled :

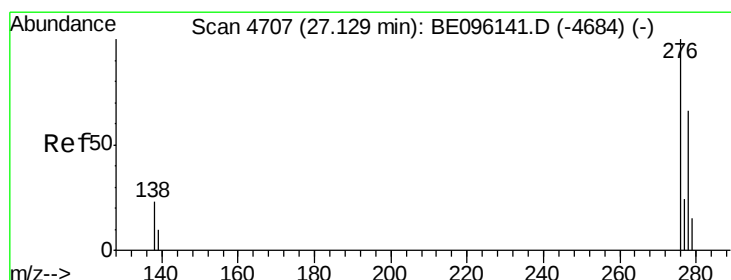
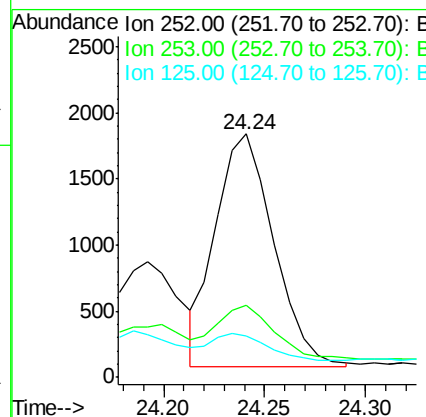
DASN7



Tgt Ion:	252	Resp:	3527
Ion Ratio	Lower	Upper	
252	100		
253	29.5	28.5	42.7
125	17.2	18.1	27.1#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:39 PM



#24

Indeno(1,2,3-cd)pyrene

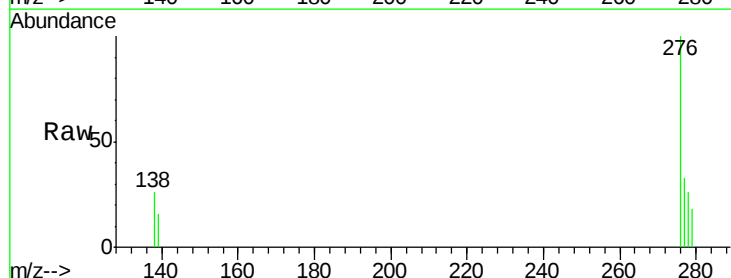
Concen: 0.080 ng/ul m

RT: 27.13 min Scan# 4706

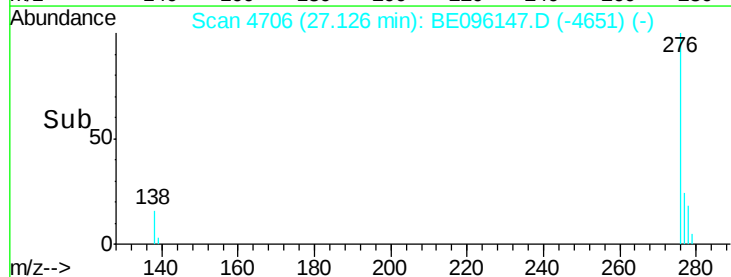
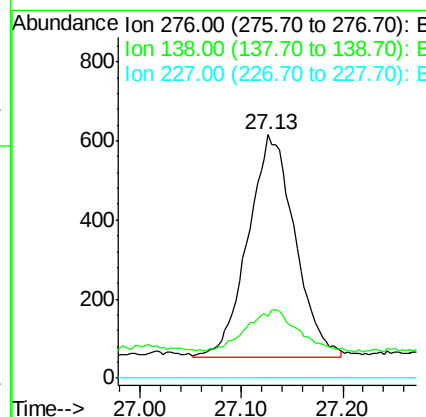
Delta R.T. -0.00 min

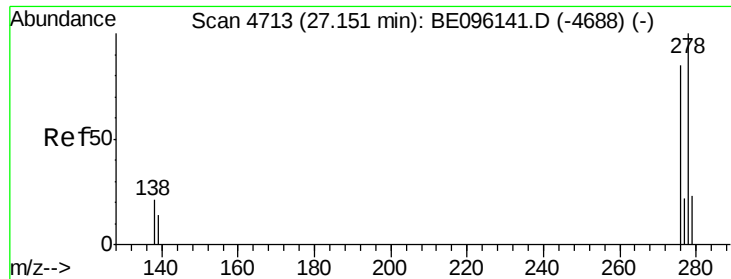
Lab File: BE096147.D

Acq: 25 Apr 2018 14:37



Tgt Ion:	276	Resp:	1816
Ion Ratio	Lower	Upper	
276	100		
138	1.2	28.0	42.0#
227	0.0	8.0	12.0#





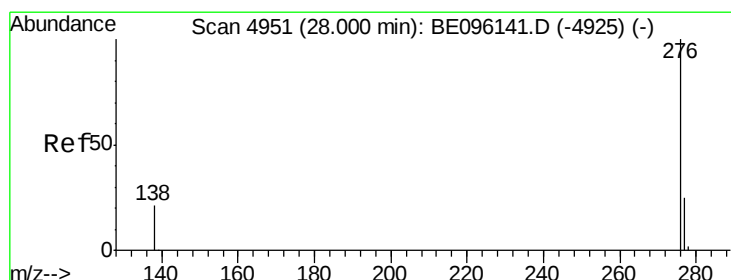
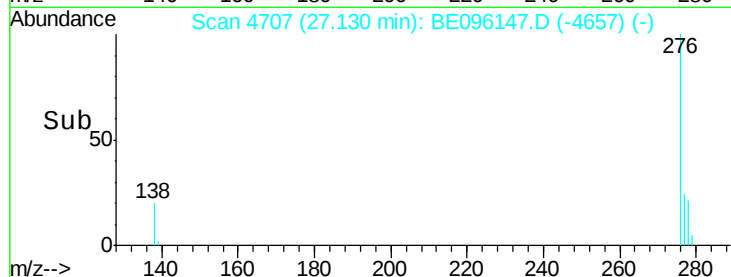
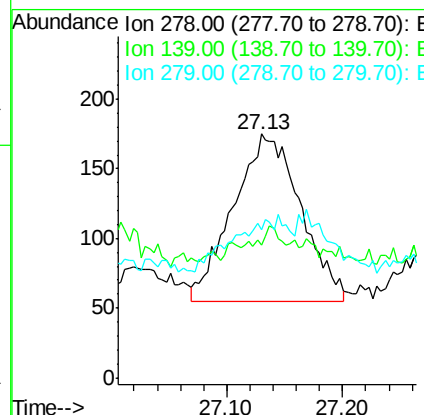
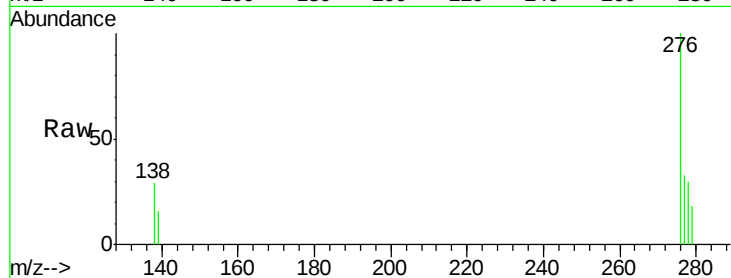
#25
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul m
RT: 27.13 min Scan# 4707
Delta R.T. -0.02 min
Lab File: BE096147.D
Acq: 25 Apr 2018 14:37

Instrument :
BNA_E
ClientSampleId :
DASN7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	54.3	17.4	26.0#
279	60.6	25.9	38.9#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:39 PM



#26
Benzo(g,h,i)perylene
Concen: 0.076 ng/ul m
RT: 28.00 min Scan# 4950
Delta R.T. -0.00 min
Lab File: BE096147.D
Acq: 25 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.8	32.8
277	31.9	20.5	30.7#

