

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003105.D
 Acq On : 11 Oct 2018 16:30
 Operator : MJ/SJ
 Sample : J5295-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY3MSD

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:15 PM

Quant Time: Oct 11 17:14:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 16:42:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1541	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6304	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	3375	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	6232	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3929	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4565	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1206	0.12	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1916	0.11	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	5936	0.367	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	2910	0.261	ng/ul	97
7) Acenaphthylene	13.98	152	18797	1.217	ng/ul	99
8) Acenaphthene	14.32	153	5362	0.458	ng/ul	98
9) Fluorene	15.32	166	5661	0.422	ng/ul	98
11) Pentachlorophenol	16.71	266	132	0.218	ng/ul	97
12) Phenanthrene	17.06	178	127270	7.326	ng/ul	99
13) Anthracene	17.15	178	25385	1.547	ng/ul	98
15) Fluoranthene	19.08	202	206014	10.108	ng/ul	100
17) Pyrene	19.45	202	237152	15.541	ng/ul	97
18) Benzo(a)anthracene	21.21	228	99172	7.844	ng/ul	98
19) Chrysene	21.26	228	102697	7.999	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	116812m	7.105	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	48650m	2.855	ng/ul	
23) Benzo(a)pyrene	23.34	252	97461	6.615	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.65	276	61483	3.631	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.65	278	17477	1.290	ng/ul#	89
26) Benzo(g,h,i)perylene	26.32	276	60827	4.260	ng/ul	96

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

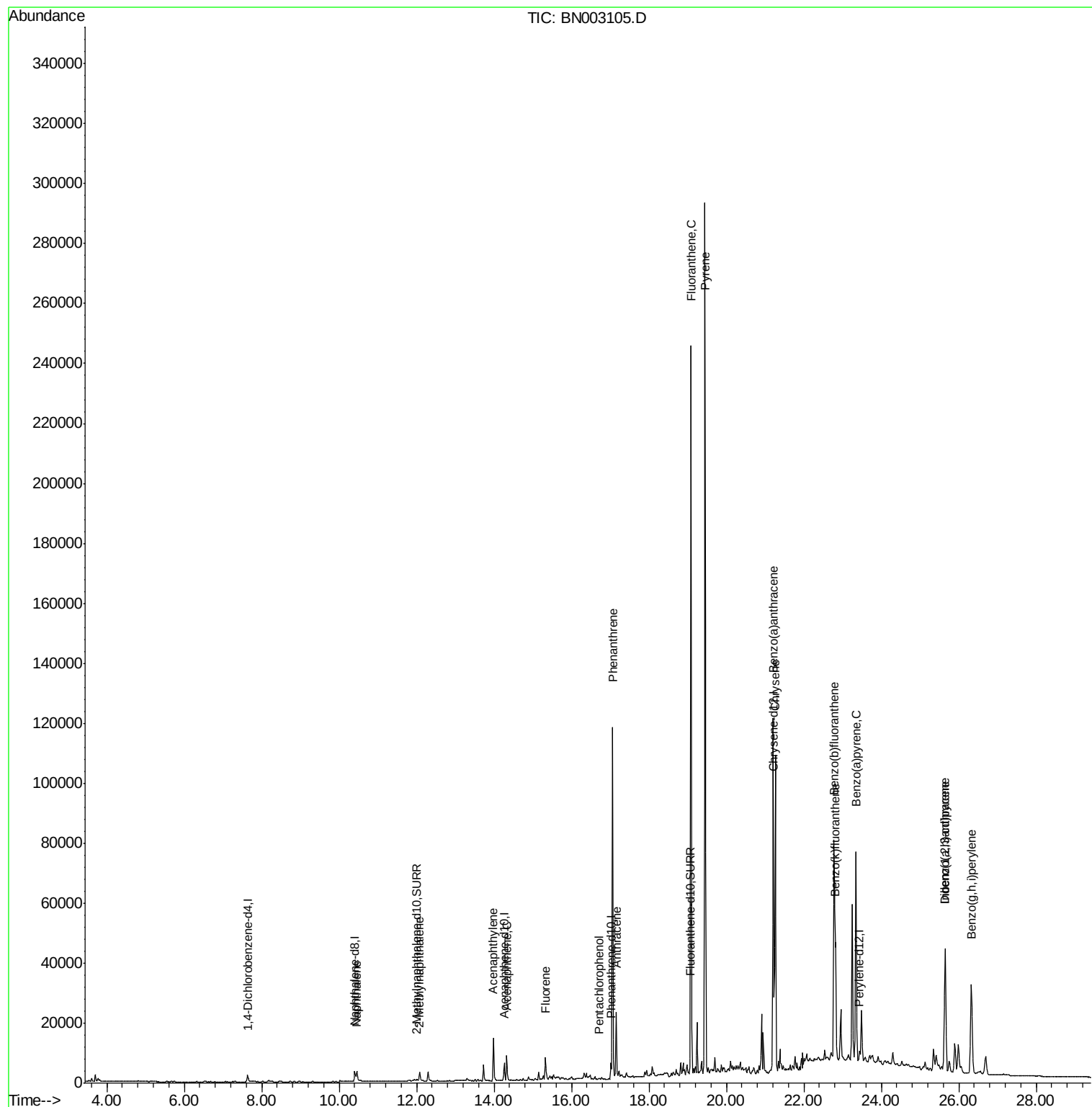
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003105.D
Acq On : 11 Oct 2018 16:30
Operator : MJ/SJ
Sample : J5295-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

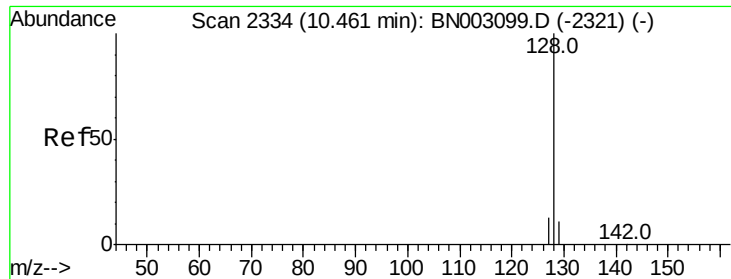
Instrument :
BNA_N
ClientSampleId :
A3YY3MSD

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:15 PM

Quant Time: Oct 11 17:14:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 16:42:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.367 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN003105.D

Acq: 11 Oct 2018 16:30

Instrument :

BNA_N

ClientSampleId :

A3YY3MSD

Tot Ion:128 Resp: 5936

Ion Ratio Lower Upper

128 100

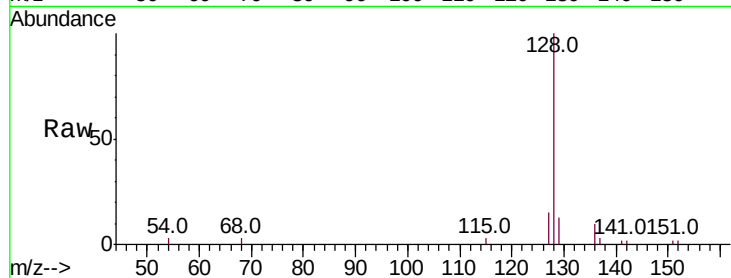
129 13.4 10.4 15.6

127 14.6 11.7 17.5

Manual Integrations
APPROVED

Sohil

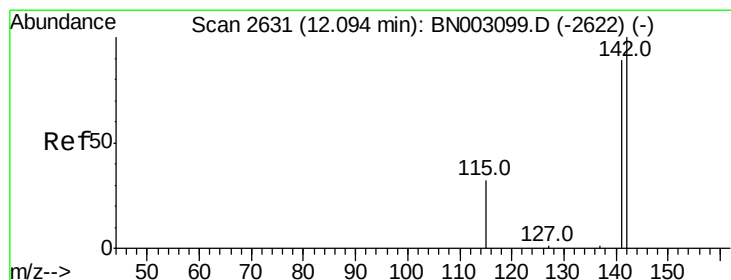
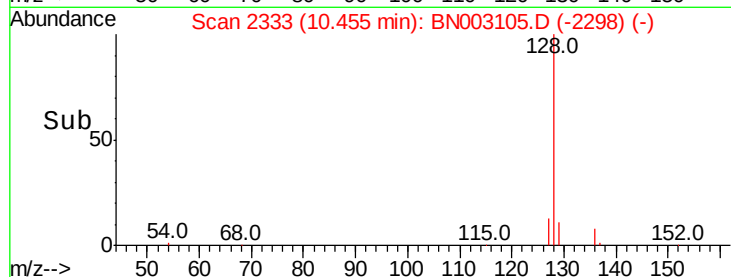
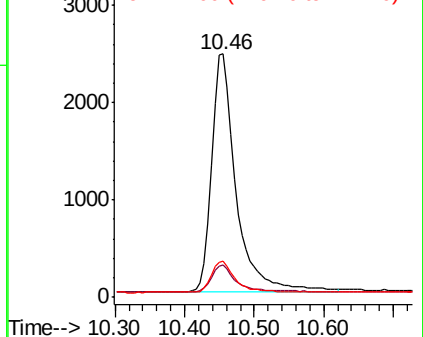
10/12/2018 6:38:15 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.261 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BN003105.D

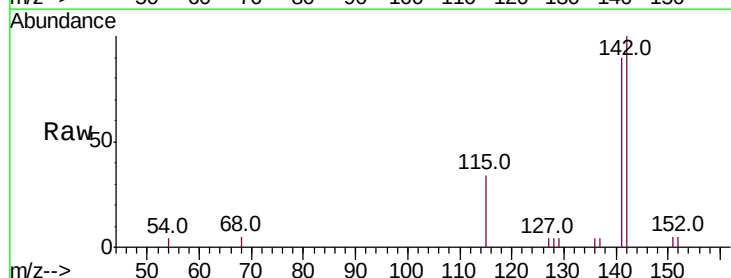
Acq: 11 Oct 2018 16:30

Tgt Ion:142 Resp: 2910

Ion Ratio Lower Upper

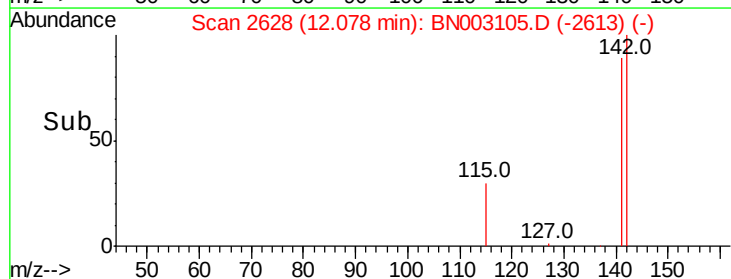
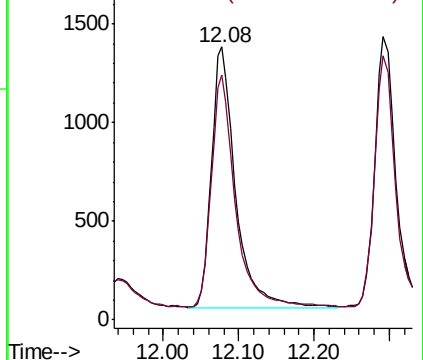
142 100

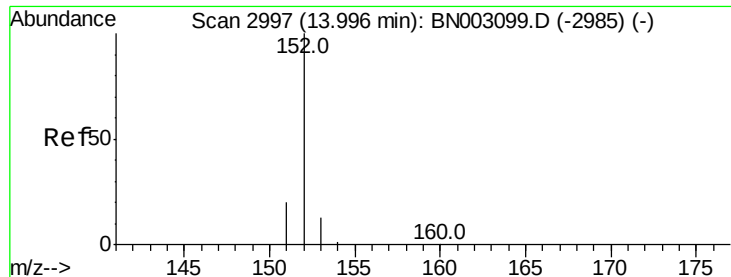
141 89.3 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.217 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003105.D

Acq: 11 Oct 2018 16:30

Instrument :

BNA_N

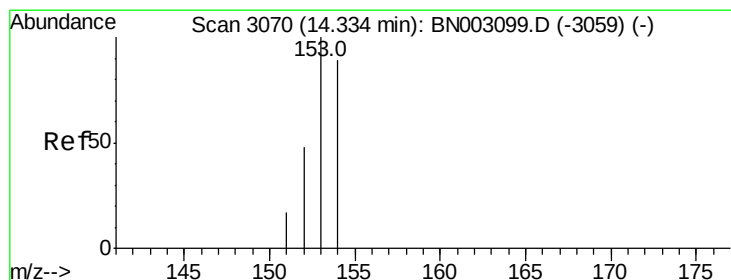
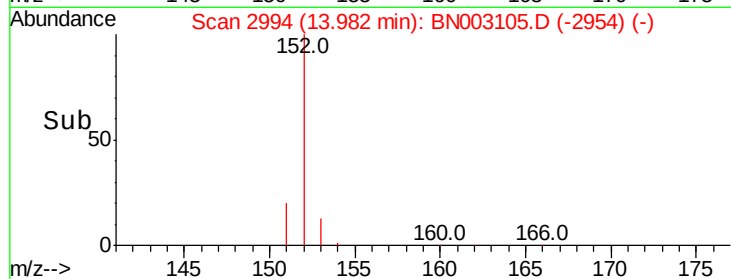
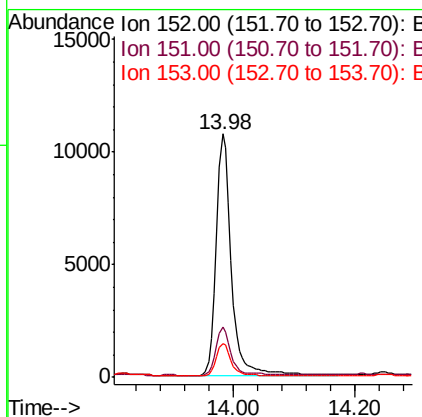
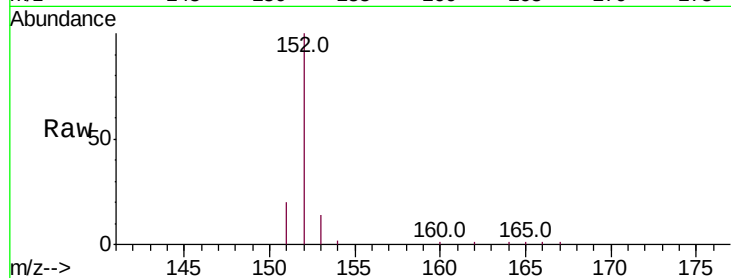
ClientSampleId :

A3YY3MSD

Tot Ion:	152	Resp:	18797
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.5	24.7
153	13.8	11.4	17.2

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:15 PM



#8

Acenaphthene

Concen: 0.458 ng/ul

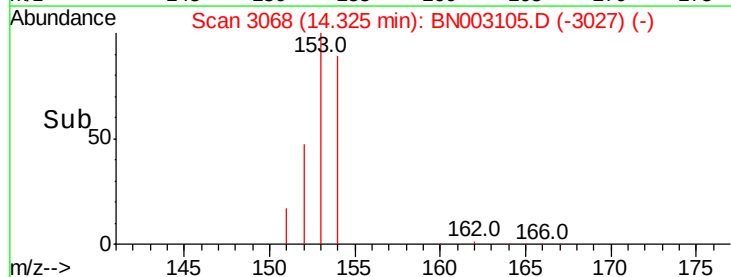
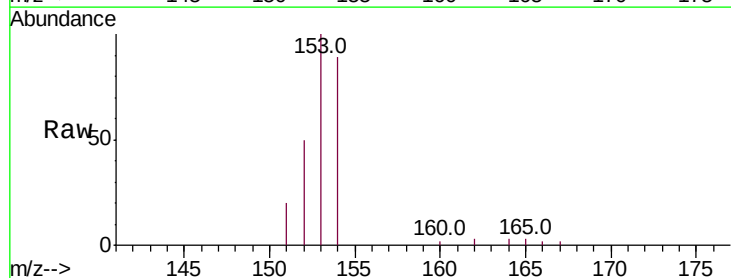
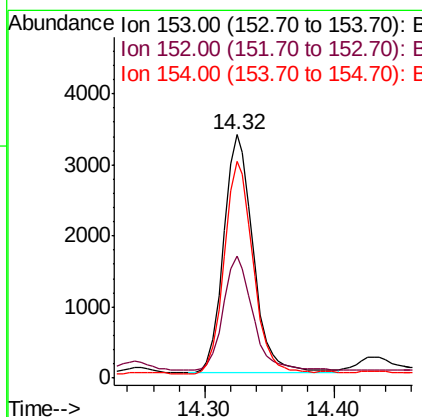
RT: 14.32 min Scan# 3068

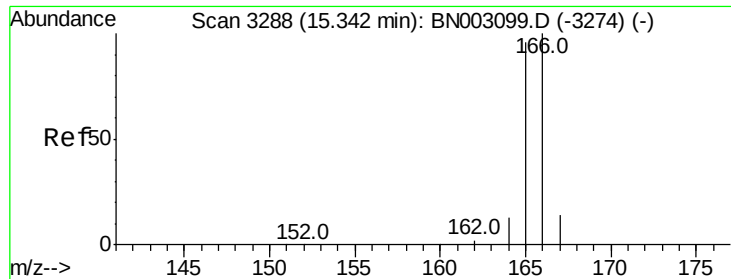
Delta R.T. -0.01 min

Lab File: BN003105.D

Acq: 11 Oct 2018 16:30

Tgt Ion:	153	Resp:	5362
Ion Ratio	Lower	Upper	
153	100		
152	50.0	38.2	57.4
154	88.8	70.2	105.2





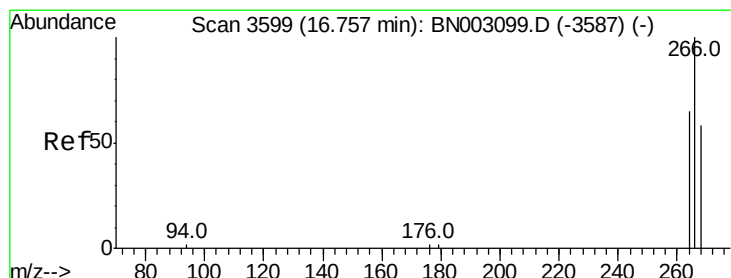
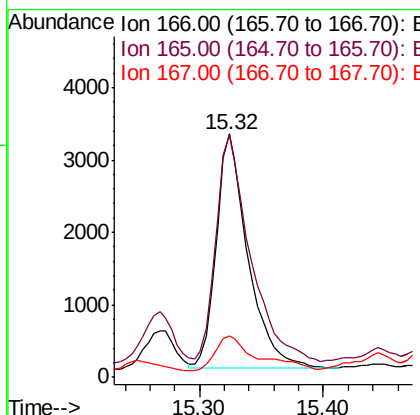
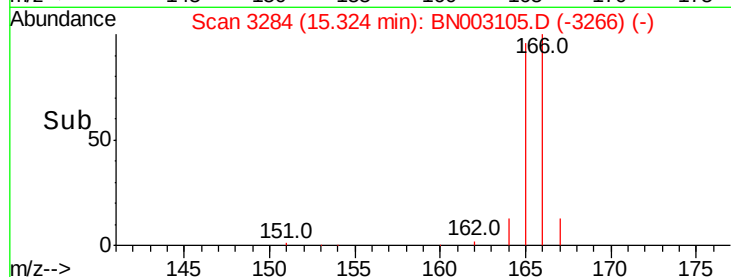
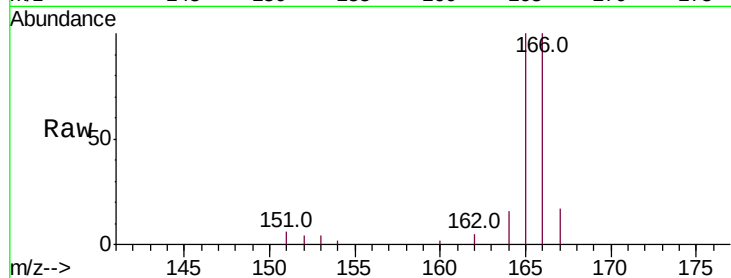
#9
Fluorene
Concen: 0.422 ng/ul
RT: 15.32 min Scan# 3284
Delta R.T. -0.02 min
Lab File: BN003105.D
Acq: 11 Oct 2018 16:30

Instrument :
BNA_N
ClientSampleId :
A3YY3MSD

Tot Ion:	166	Resp:	5661
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.5	117.7
167	17.1	11.6	17.4

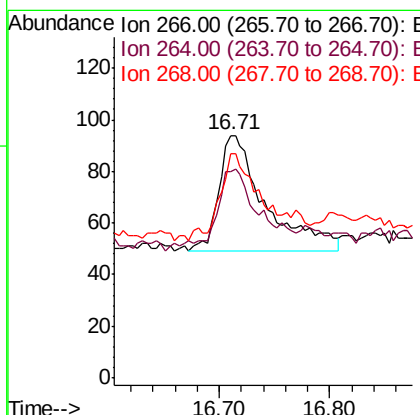
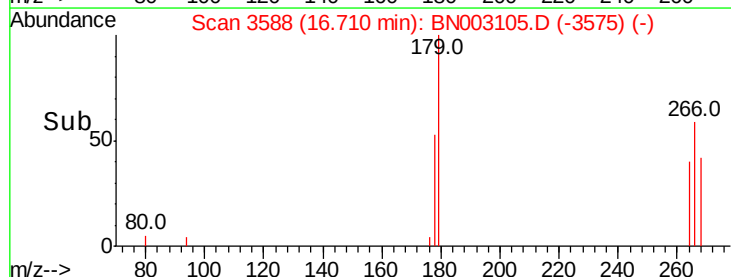
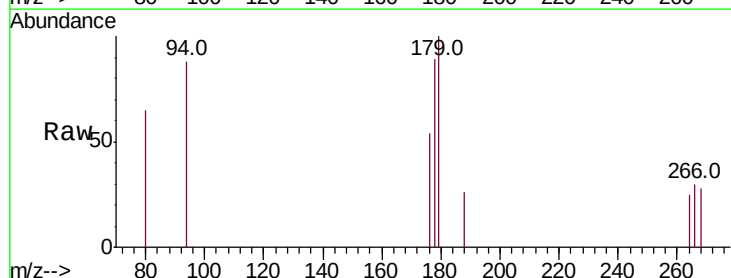
Manual Integrations
APPROVED

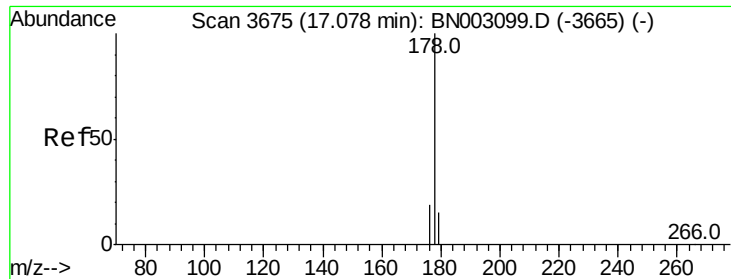
Sohil
10/12/2018 6:38:15 PM



#11
Pentachlorophenol
Concen: 0.218 ng/ul
RT: 16.71 min Scan# 3588
Delta R.T. -0.05 min
Lab File: BN003105.D
Acq: 11 Oct 2018 16:30

Tgt Ion:	266	Resp:	132
Ion Ratio	Lower	Upper	
266	100		
264	67.4	52.5	78.7
268	58.3	48.6	72.8





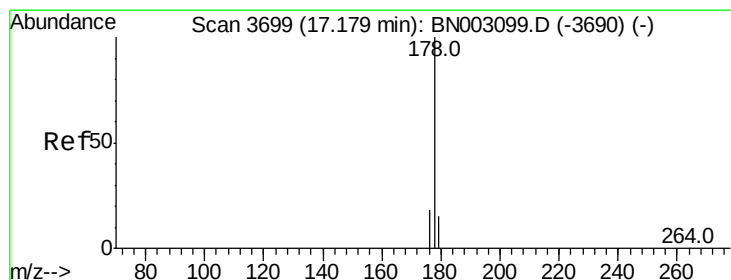
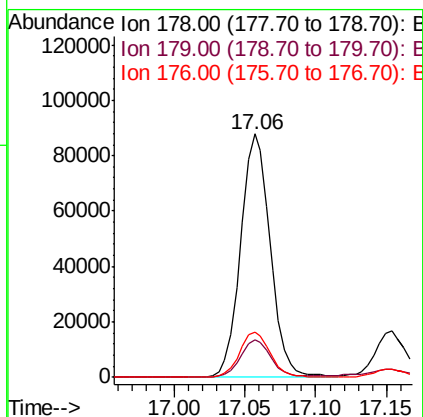
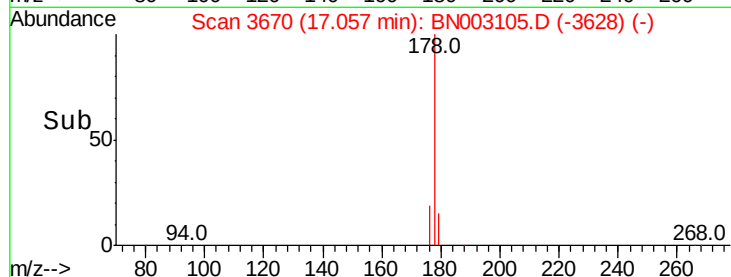
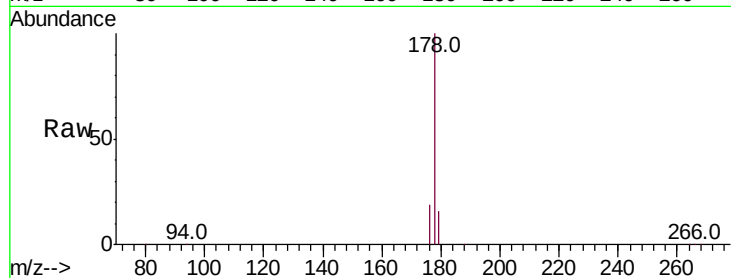
#12
Phenanthrene
Concen: 7.326 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003105.D
Acq: 11 Oct 2018 16:30

Instrument :
BNA_N
ClientSampleId :
A3YY3MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.7	15.4	23.2

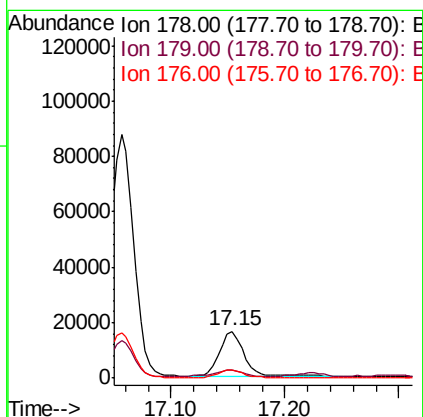
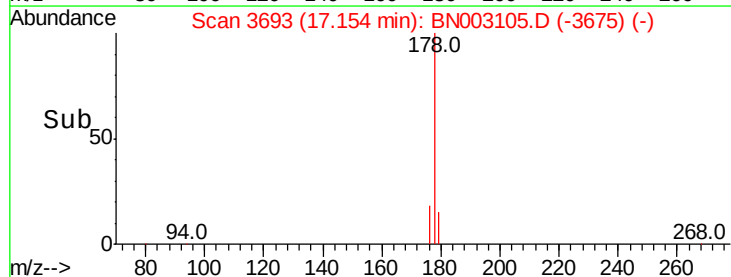
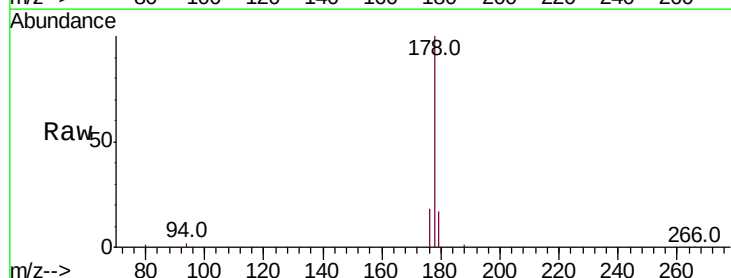
Manual Integrations
APPROVED

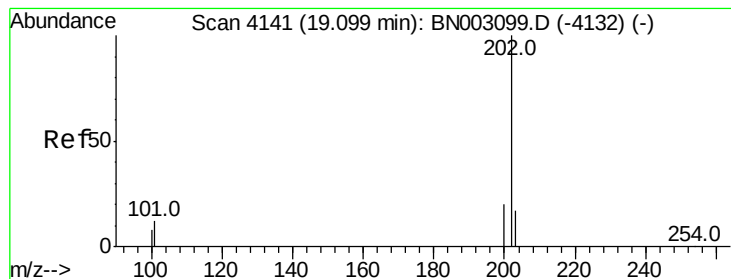
Sohil
10/12/2018 6:38:15 PM



#13
Anthracene
Concen: 1.547 ng/ul
RT: 17.15 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BN003105.D
Acq: 11 Oct 2018 16:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	18.4	15.3	22.9





#15

Fluoranthene

Concen: 10.108 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.02 min

Lab File: BN003105.D

Acq: 11 Oct 2018 16:30

Instrument :

BNA_N

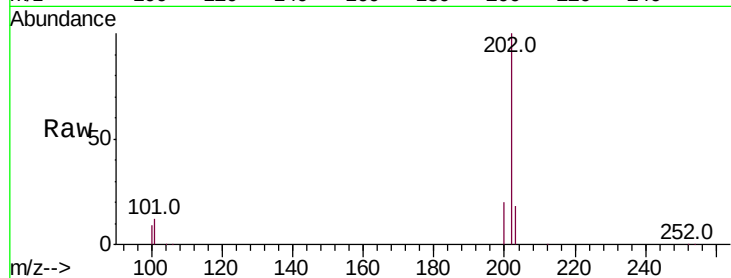
ClientSampleId :

A3YY3MSD

Tot Ion:	202	Resp:	206014
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	32.3
100	9.2	0.0	29.1

Manual Integrations
APPROVED

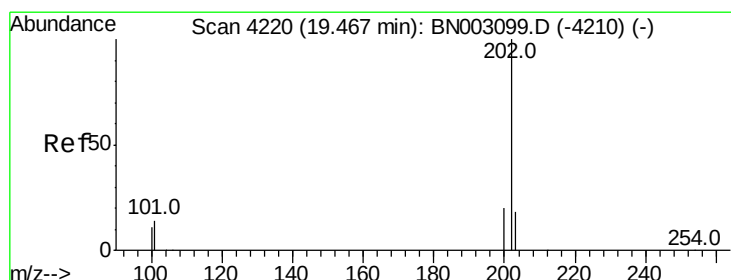
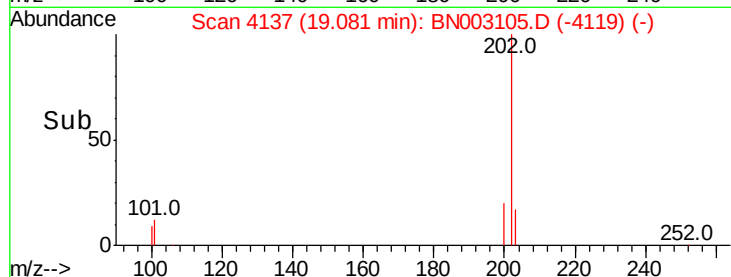
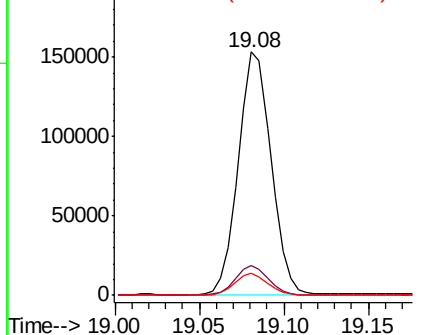
Sohil
10/12/2018 6:38:15 PM



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): B



#17

Pyrene

Concen: 15.541 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.02 min

Lab File: BN003105.D

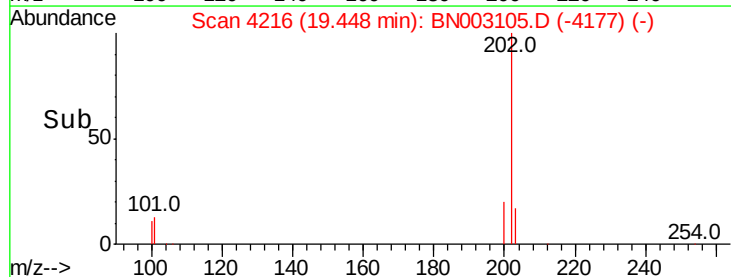
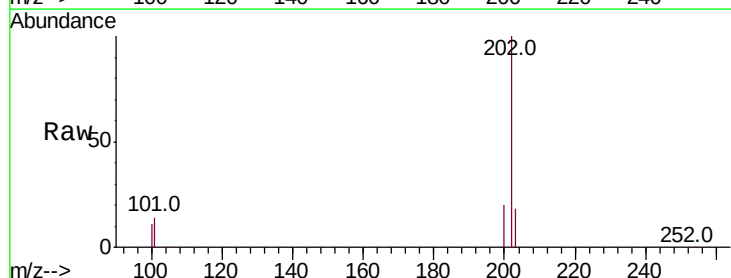
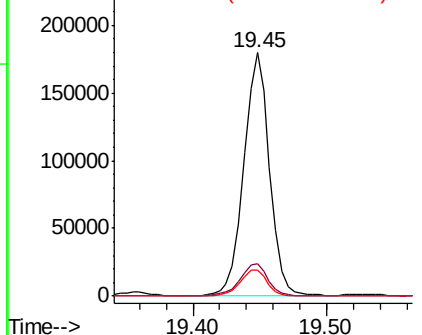
Acq: 11 Oct 2018 16:30

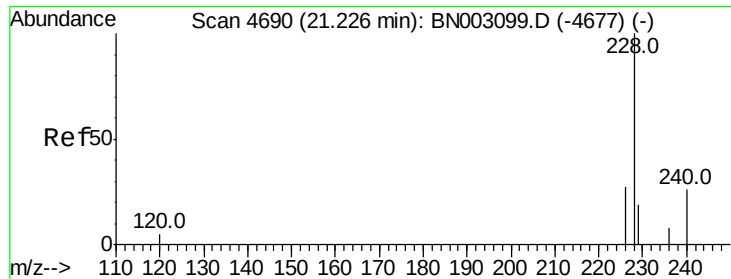
Tgt Ion:	202	Resp:	237152
Ion Ratio	Lower	Upper	
202	100		
101	13.5	11.9	17.9
100	10.9	9.9	14.9

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): B





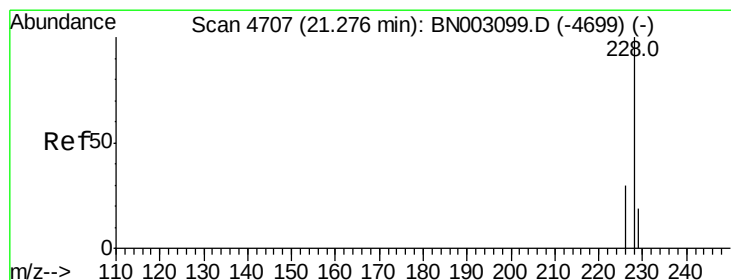
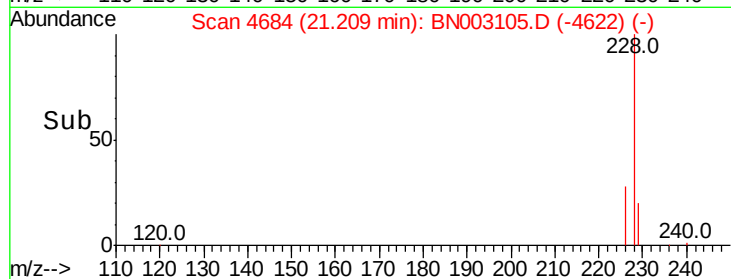
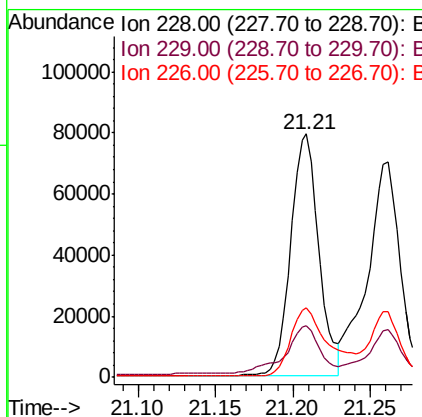
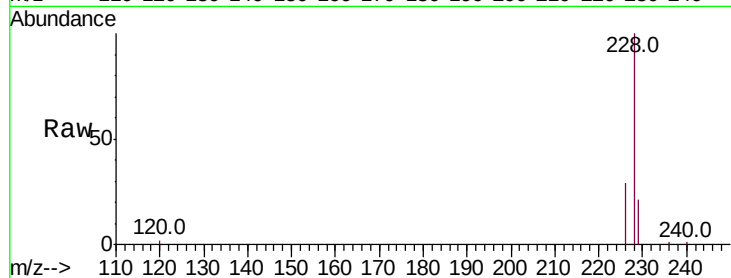
#18
Benzo(a)anthracene
Concen: 7.844 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.02 min
Lab File: BN003105.D
Acq: 11 Oct 2018 16:30

Instrument :
BNA_N
ClientSampleId :
A3YY3MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	28.5	22.3	33.5

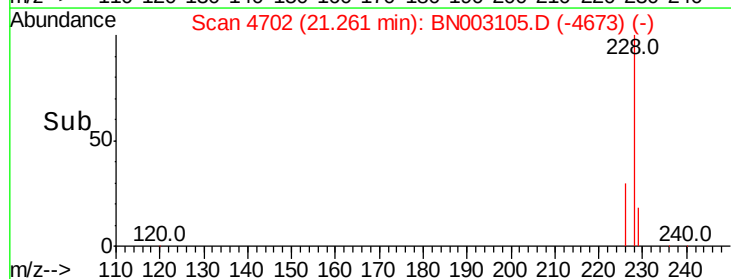
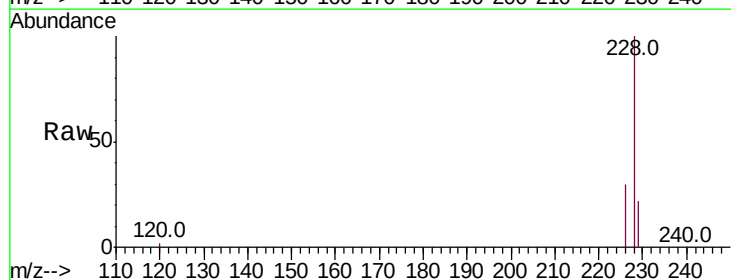
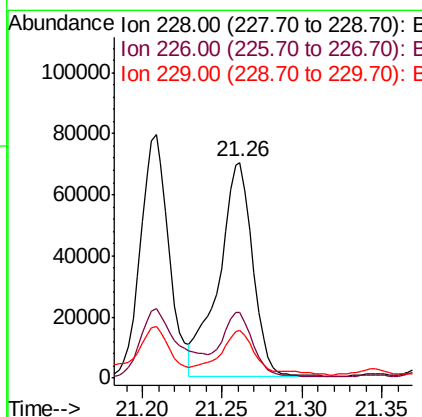
Manual Integrations
APPROVED

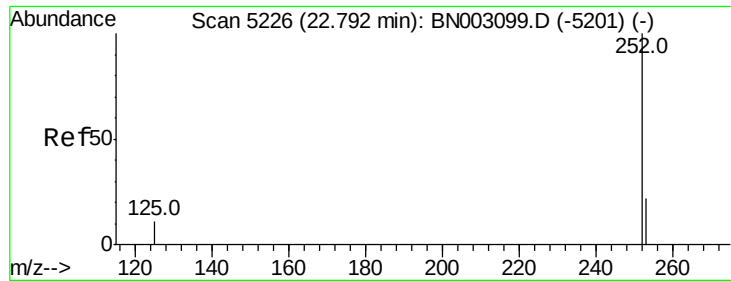
Sohil
10/12/2018 6:38:15 PM



#19
Chrysene
Concen: 7.999 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN003105.D
Acq: 11 Oct 2018 16:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	22.0	16.7	25.1





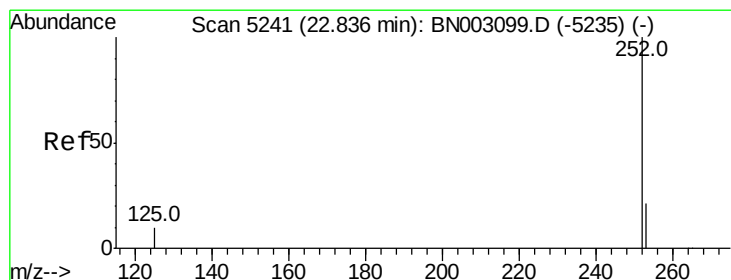
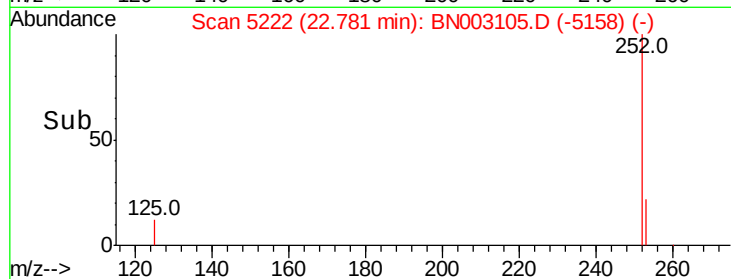
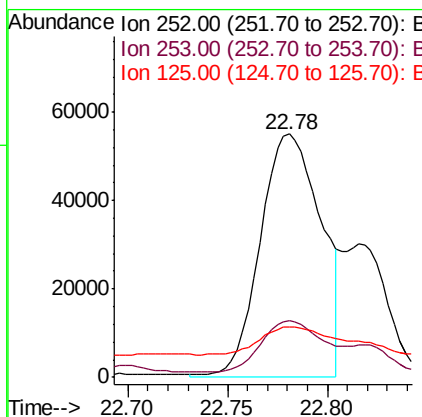
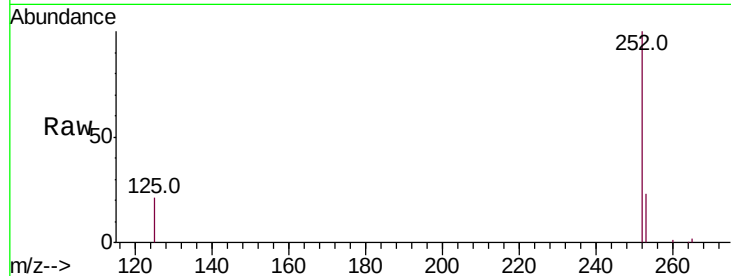
#21
Benzo(b)fluoranthene
Concen: 7.105 ng/ul m
RT: 22.78 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN003105.D
Acq: 11 Oct 2018 16:30

Instrument :
BNA_N
ClientSampleId :
A3YY3MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	0.0	53.2
125	20.9	0.0	34.2

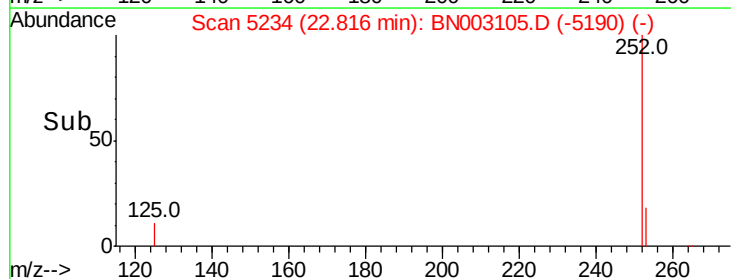
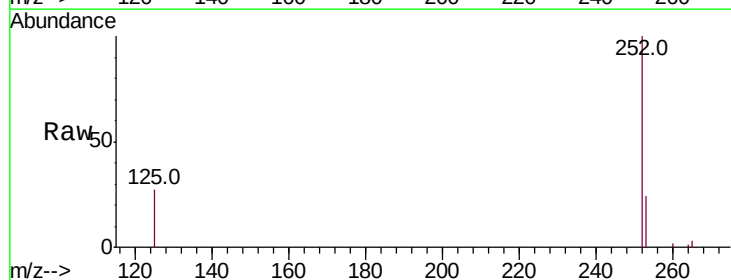
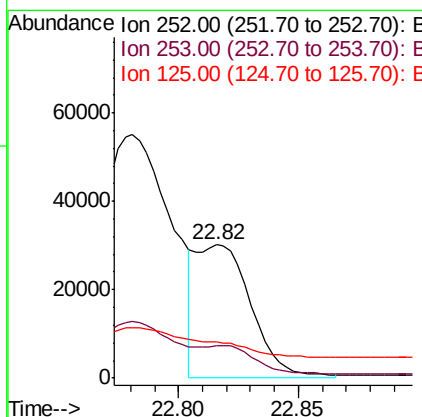
Manual Integrations
APPROVED

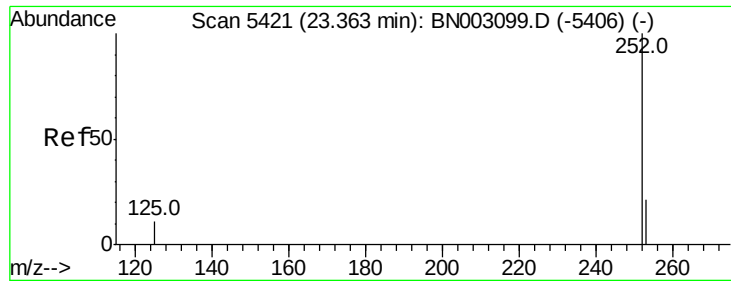
Sohil
10/12/2018 6:38:15 PM



#22
Benzo(k)fluoranthene
Concen: 2.855 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003105.D
Acq: 11 Oct 2018 16:30

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.5	21.3	31.9
125	26.8	14.1	21.1#





#23

Benzo(a)pyrene

Concen: 6.615 ng/ul

RT: 23.34 min Scan# 5414

Delta R.T. -0.02 min

Lab File: BN003105.D

Acq: 11 Oct 2018 16:30

Instrument :

BNA_N

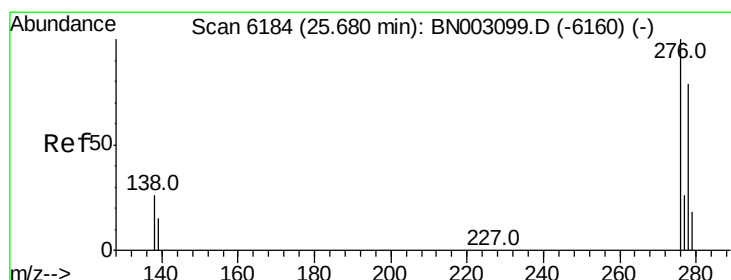
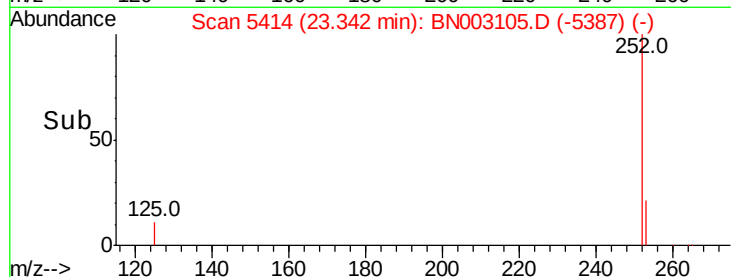
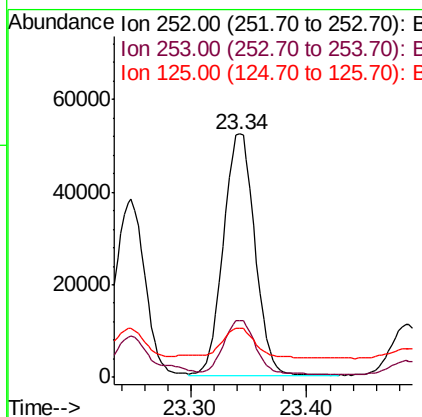
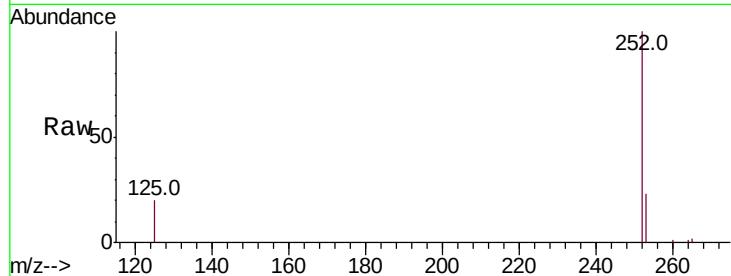
ClientSampleId :

A3YY3MSD

Tot Ion:	252	Resp:	97461
Ion Ratio	Lower	Upper	
252	100		
253	23.4	23.1	34.7
125	20.1	16.9	25.3

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:15 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.631 ng/ul

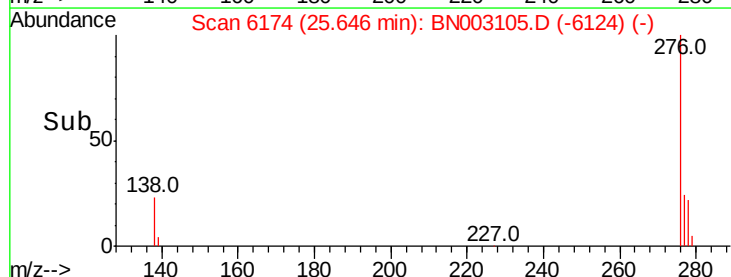
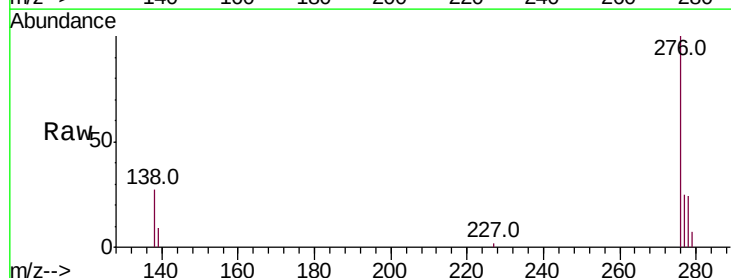
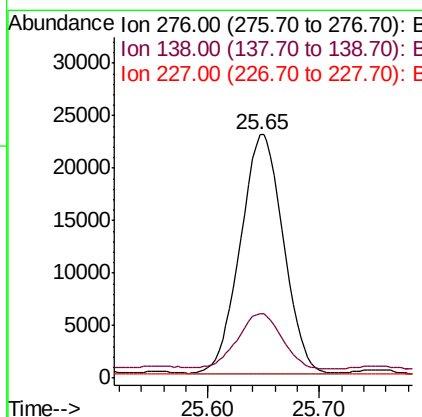
RT: 25.65 min Scan# 6174

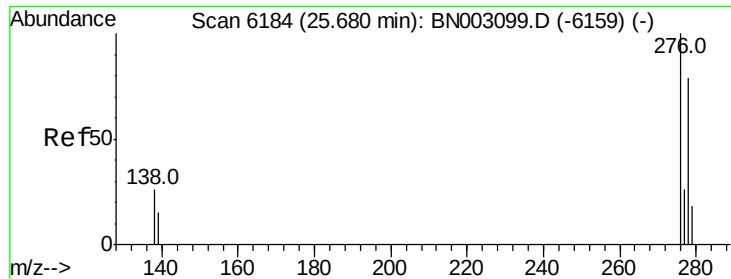
Delta R.T. -0.03 min

Lab File: BN003105.D

Acq: 11 Oct 2018 16:30

Tgt Ion:	276	Resp:	61483
Ion Ratio	Lower	Upper	
276	100		
138	23.7	21.5	32.3
227	0.2	0.3	0.5#





#25

Dibenzo(a,h)anthracene

Concen: 1.290 ng/ul

RT: 25.65 min Scan# 6174

Delta R.T. -0.03 min

Lab File: BN003105.D

Acq: 11 Oct 2018 16:30

Instrument :

BNA_N

ClientSampleId :

A3YY3MSD

Tot Ion:278 Resp: 17477

Ion Ratio Lower Upper

278 100

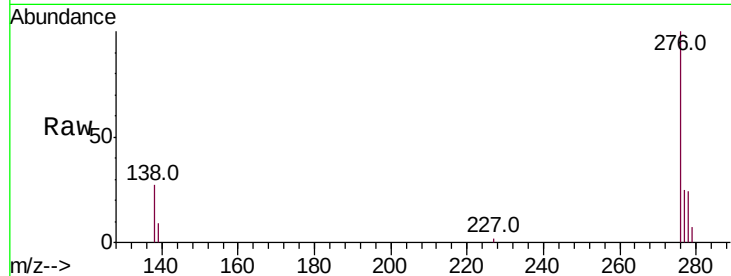
139 37.1 20.2 30.4#

279 30.5 23.8 35.8

Manual Integrations
APPROVED

Sohil

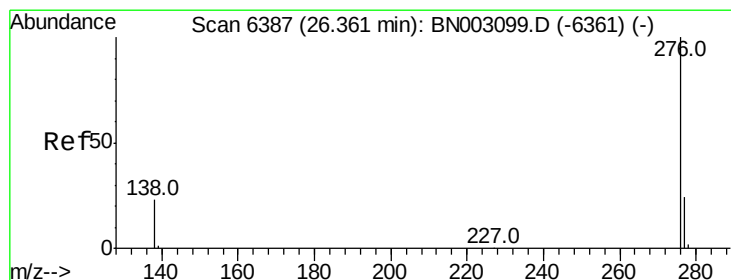
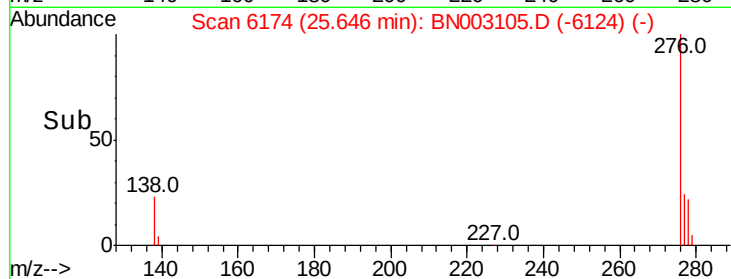
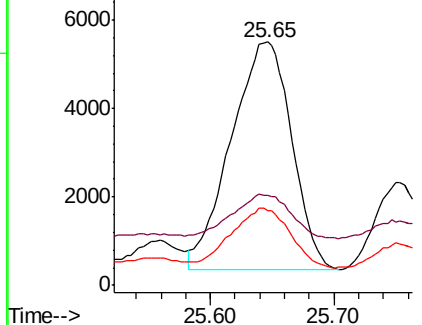
10/12/2018 6:38:15 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 4.260 ng/ul

RT: 26.32 min Scan# 6376

Delta R.T. -0.04 min

Lab File: BN003105.D

Acq: 11 Oct 2018 16:30

Tgt Ion:276 Resp: 60827

Ion Ratio Lower Upper

276 100

138 26.9 23.0 34.4

277 24.9 22.0 33.0

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

