

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN007007.D
 Acq On : 08 Aug 2019 03:53
 Operator : HP/JU
 Sample : K3962-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Manual Integrations
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mohammad
 8/9/2019 6:15:48 AM

Quant Time: Aug 08 08:14:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	9168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	36597	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	22656	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	54047m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	32145m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	31006m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	13448	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	34645m	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.28	128	26632	0.253	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	19248	0.243	ng/ul	100
7) Acenaphthylene	13.83	152	47738	0.364	ng/ul	99
8) Acenaphthene	14.18	153	35968	0.400	ng/ul	99
9) Fluorene	15.17	166	40786	0.375	ng/ul	97
11) Pentachlorophenol	16.52	266	645m	0.043	ng/ul	
12) Phenanthrene	16.90	178	886394m	5.146	ng/ul	
13) Anthracene	16.99	178	189554m	1.076	ng/ul	
15) Fluoranthene	18.93	202	1679317m	7.844	ng/ul	
17) Pyrene	19.29	202	1834262	12.781	ng/ul	98
18) Benzo(a)anthracene	21.06	228	888946m	6.295	ng/ul	
19) Chrysene	21.11	228	914632	6.917	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	933568m	7.427	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	250753m	2.058	ng/ul	
23) Benzo(a)pyrene	23.11	252	694744m	5.870	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.30	276	421735m	3.306	ng/ul	
25) Dibenzo(a,h)anthracene	25.31	278	115634m	1.135	ng/ul	
26) Benzo(g,h,i)perylene	25.93	276	431558m	4.033	ng/ul	

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

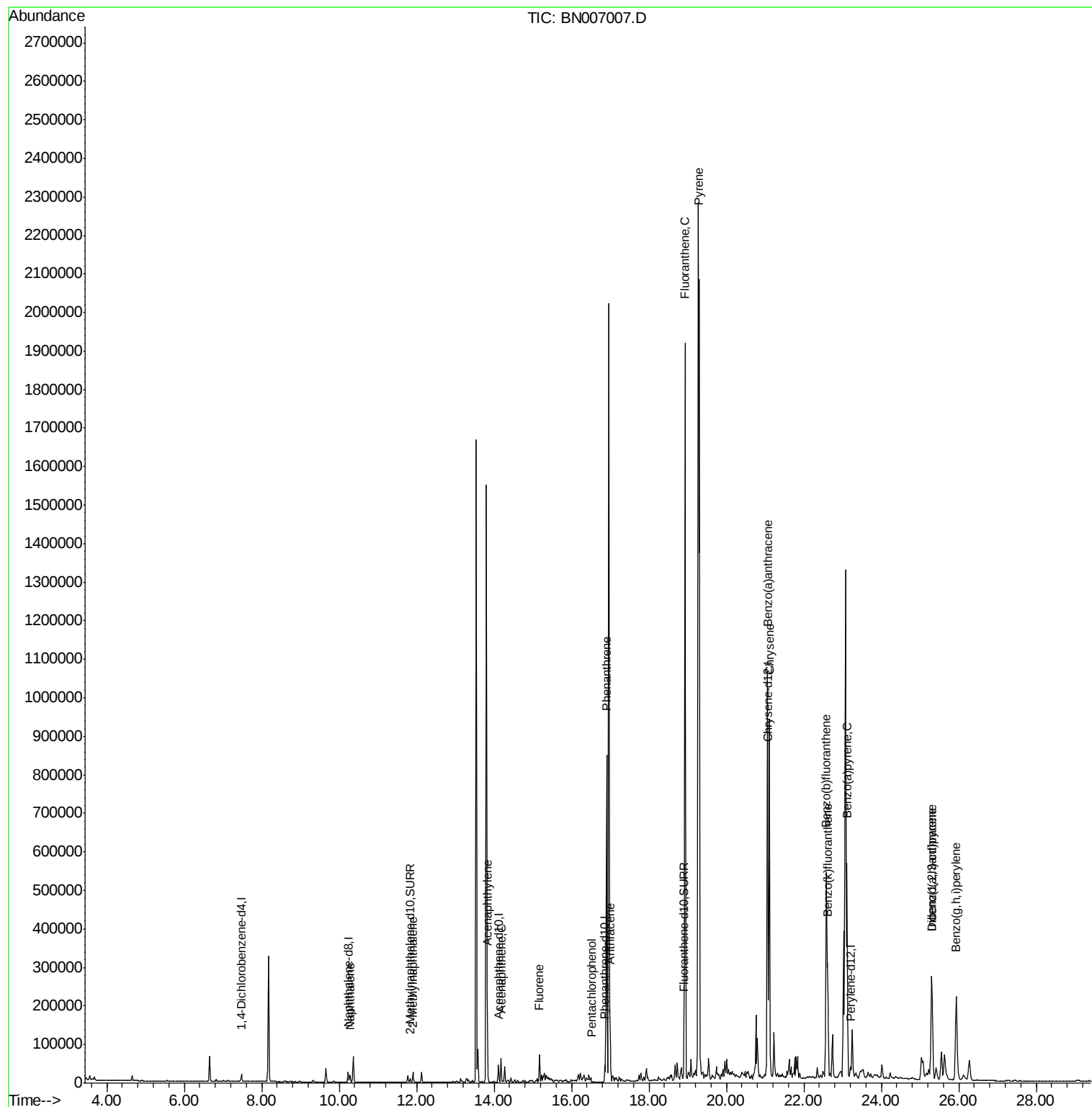
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007007.D
Acq On : 08 Aug 2019 03:53
Operator : HP/JU
Sample : K3962-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

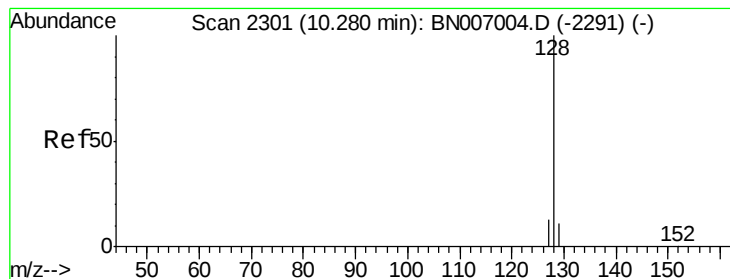
Instrument :
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BEP05

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
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QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.253 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

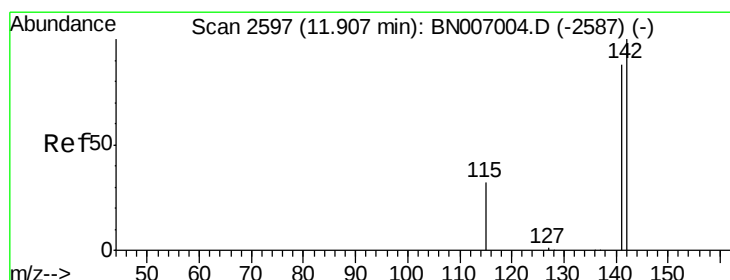
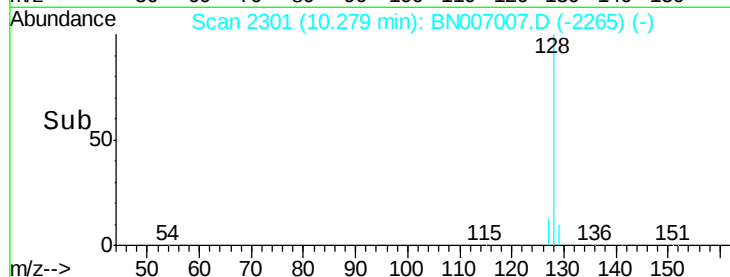
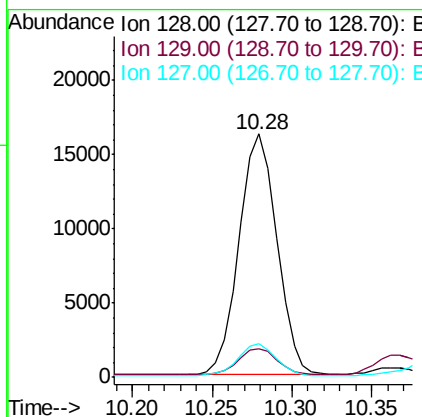
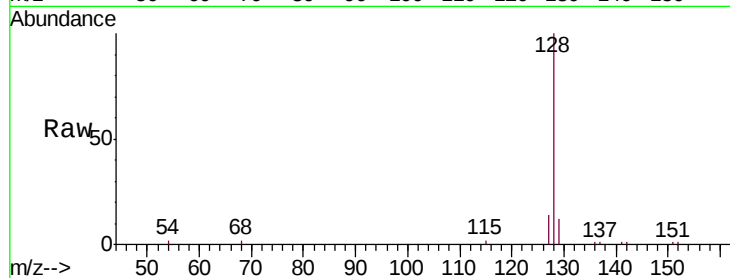
ClientSampleId :

BEP05

Tgt Ion:	128	Resp:	26632
Ion Ratio	Lower	Upper	
128	100		
129	11.8	10.0	15.0
127	13.9	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.243 ng/ul

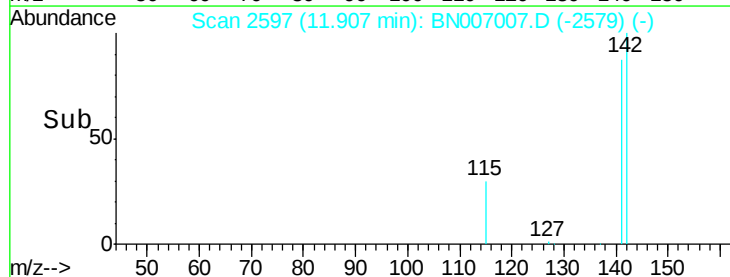
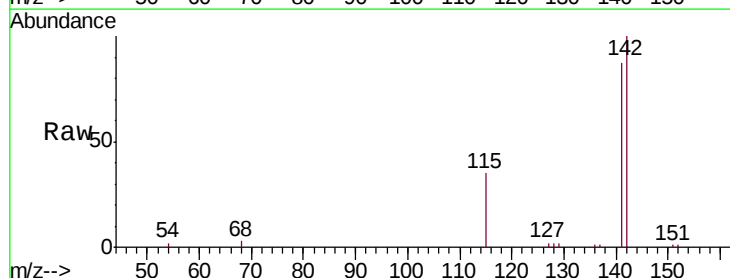
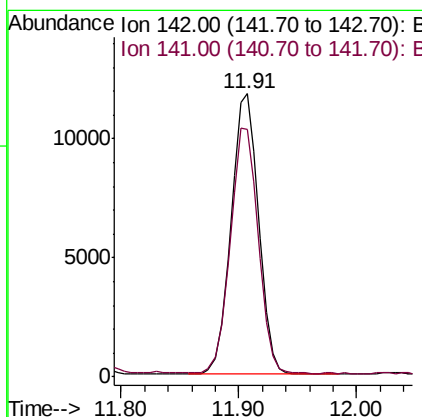
RT: 11.91 min Scan# 2597

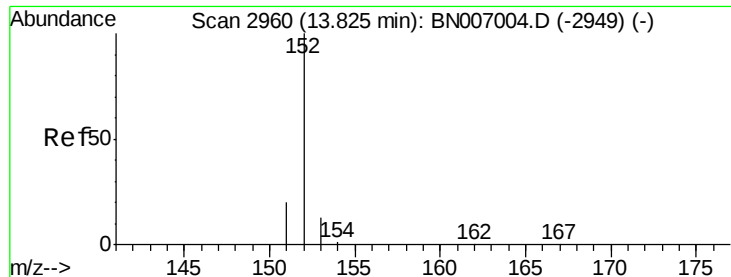
Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Tgt Ion:	142	Resp:	19248
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.0	106.6





#7

Acenaphthylene

Concen: 0.364 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007007.D

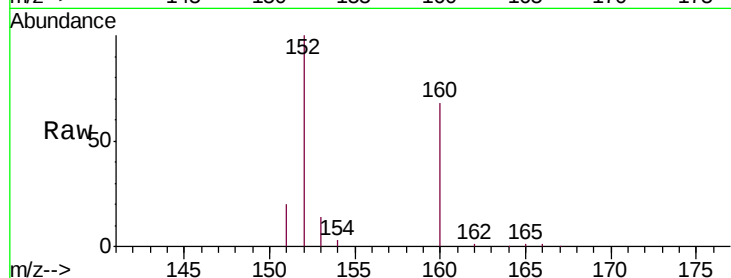
Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

ClientSampleId :

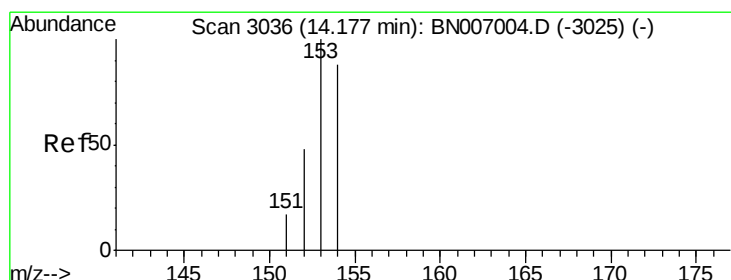
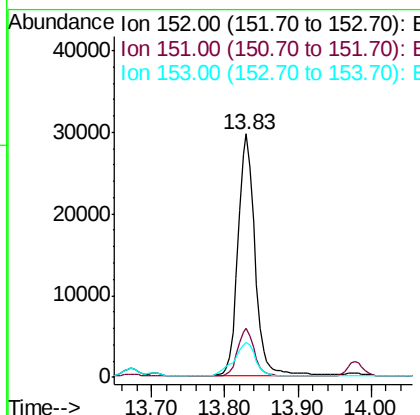
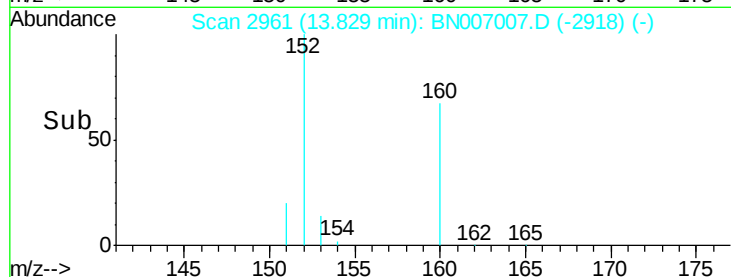
BEP05



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	14.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.400 ng/ul

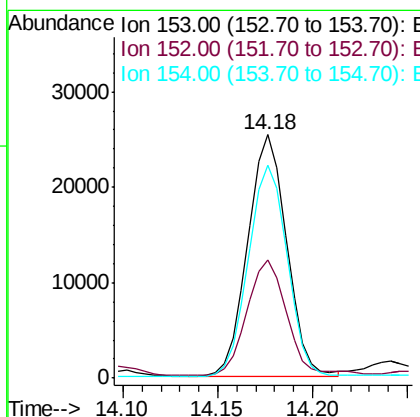
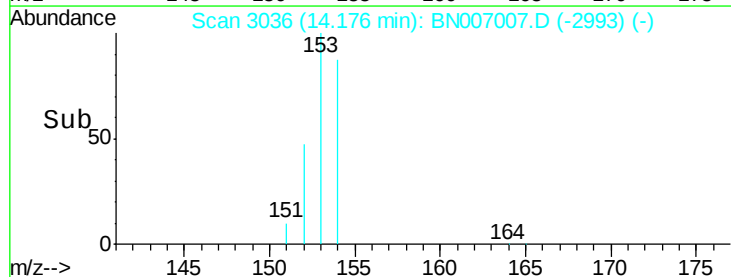
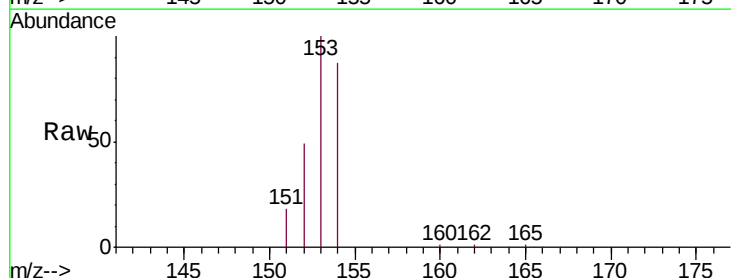
RT: 14.18 min Scan# 3036

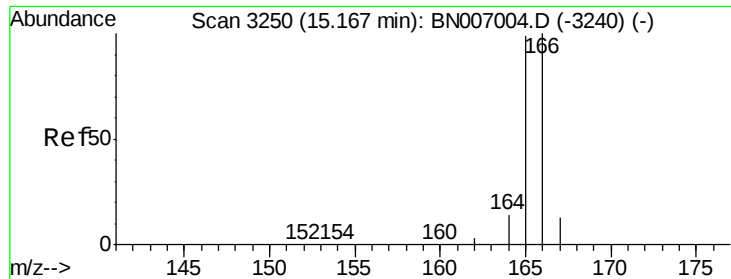
Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.4	59.2
154	87.2	70.1	105.1





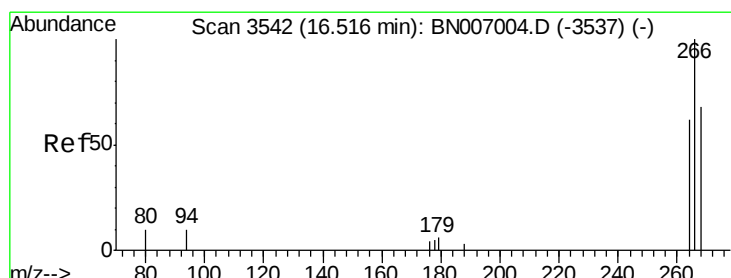
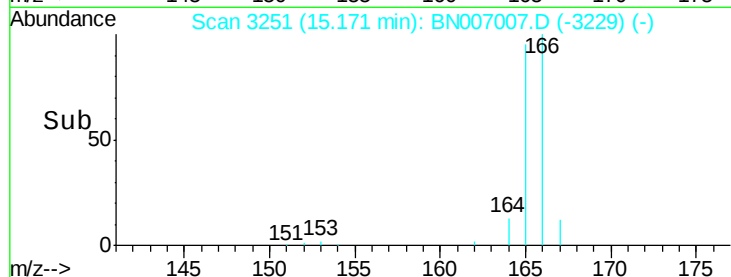
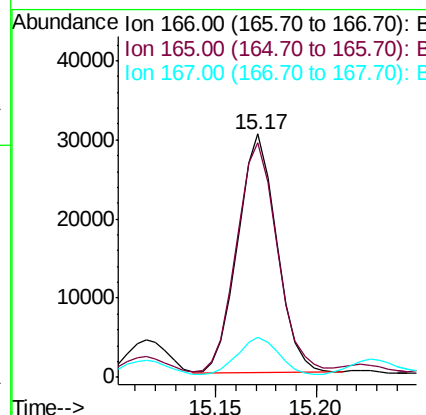
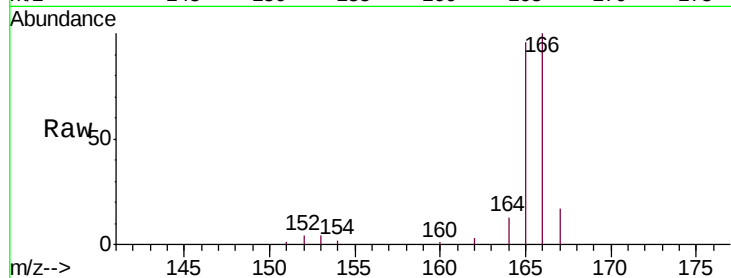
#9
Fluorene
 Concen: 0.375 ng/ul
 RT: 15.17 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BN007007.D
 Acq: 08 Aug 2019 03:53

Instrument :
 BNA_N
 ClientSampleId :
 BEP05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.8	118.2
167	16.5	11.3	16.9

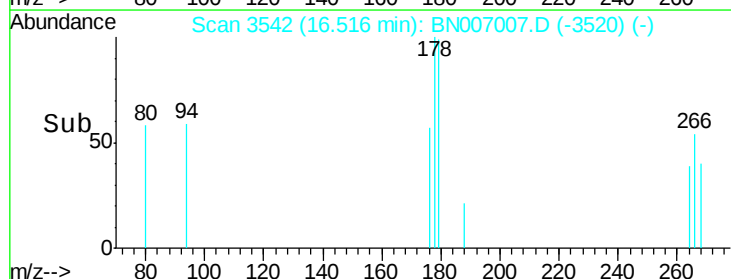
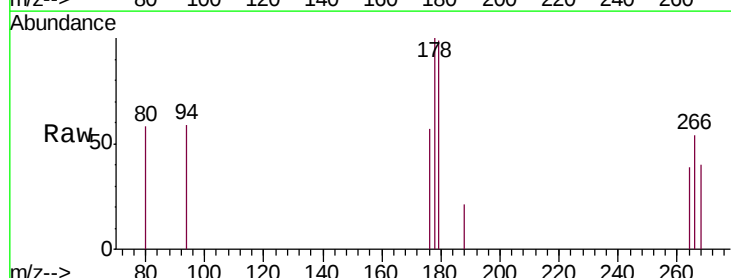
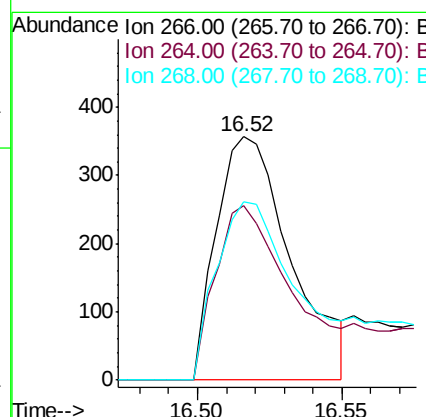
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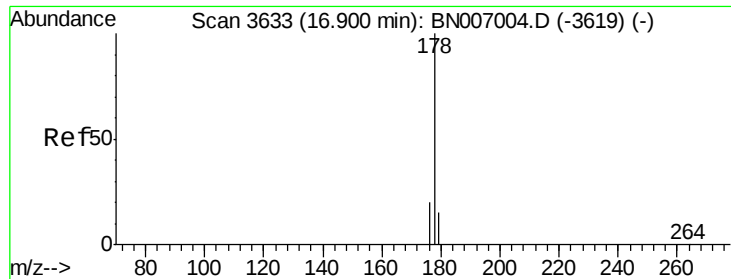
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#11
Pentachlorophenol
 Concen: 0.043 ng/ul m
 RT: 16.52 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: BN007007.D
 Acq: 08 Aug 2019 03:53

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	55.7	83.5#
268	0.0	75.2	112.8#





#12

Phenanthrene

Concen: 5.146 ng/ul m

RT: 16.90 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

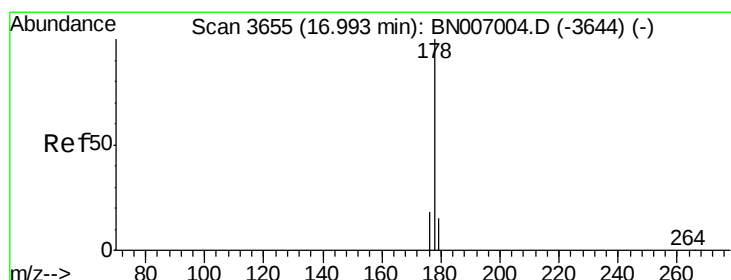
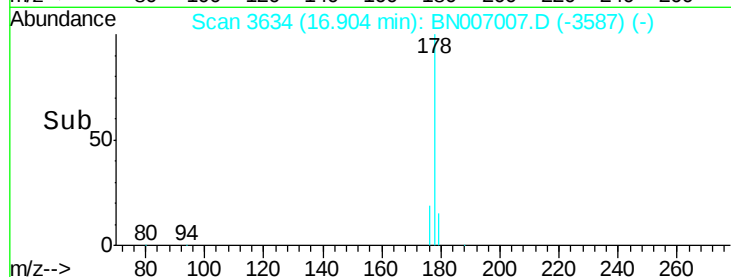
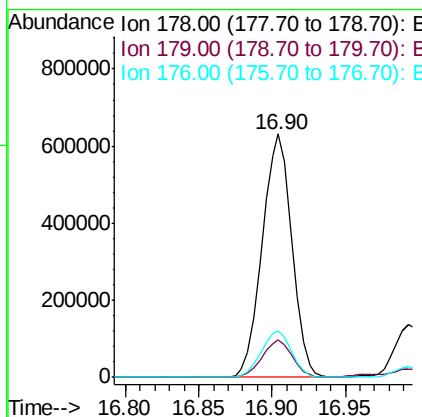
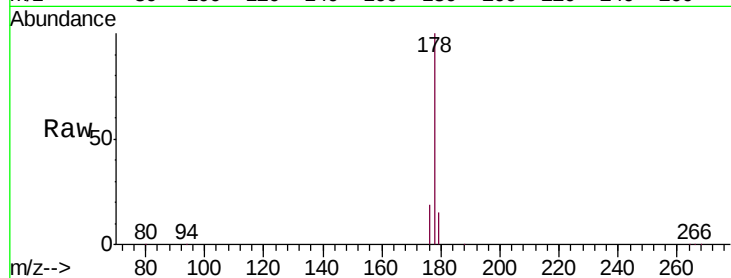
ClientSampleId :

BEP05

Tgt Ion:	178	Resp:	886394
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.5	18.7
176	19.2	15.6	23.4

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#13

Anthracene

Concen: 1.076 ng/ul m

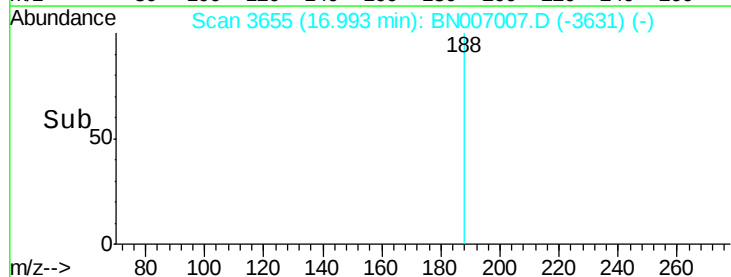
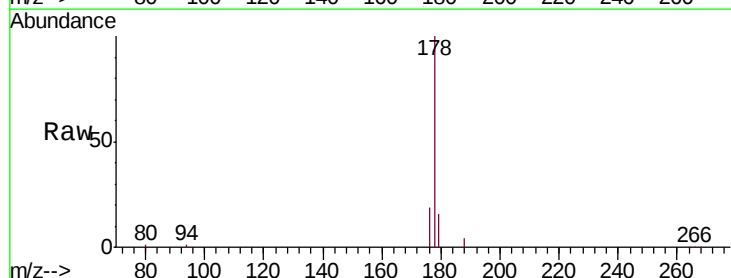
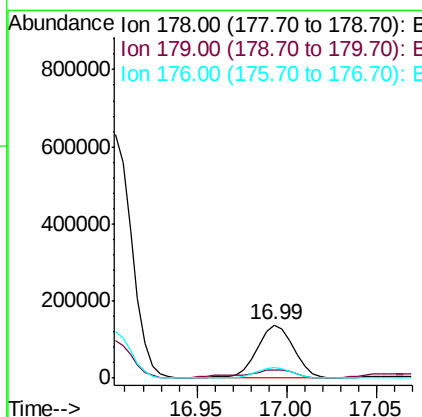
RT: 16.99 min Scan# 3655

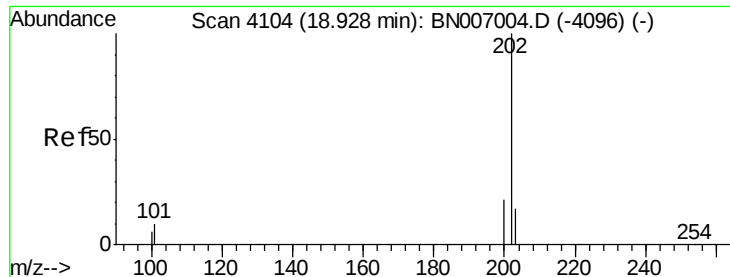
Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Tgt Ion:	178	Resp:	189554
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	18.8
176	19.0	15.4	23.0





#15

Fluoranthene

Concen: 7.844 ng/ul m

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

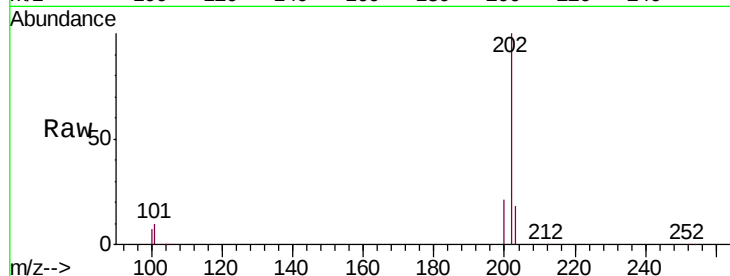
ClientSampleId :

BEP05

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	10.0	0.0	30.0	
100	7.3	0.0	27.7	

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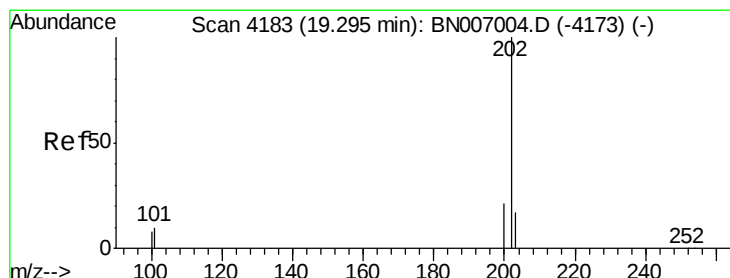
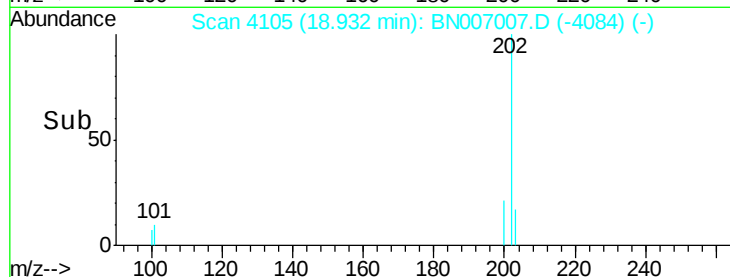
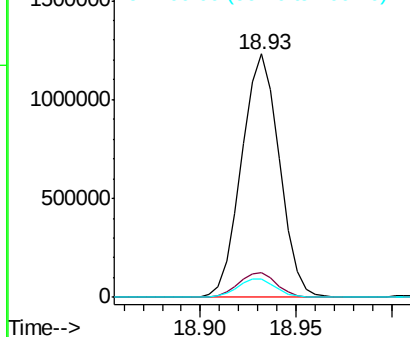
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 12.781 ng/ul

RT: 19.29 min Scan# 4183

Delta R.T. -0.00 min

Lab File: BN007007.D

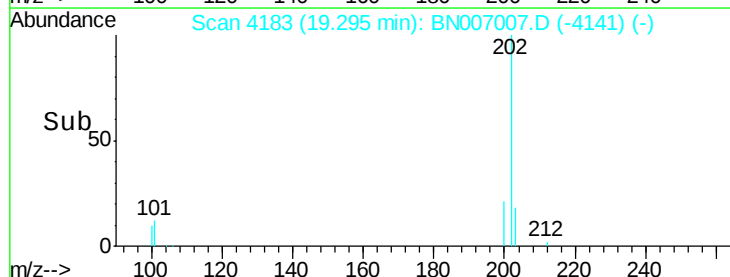
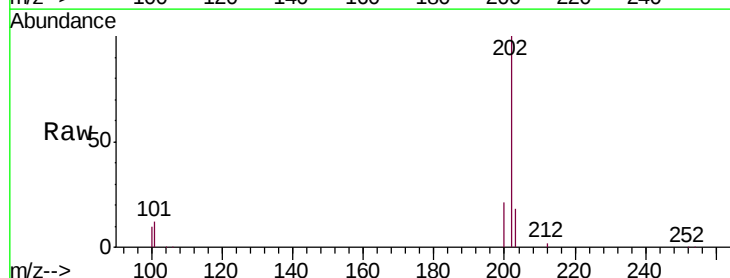
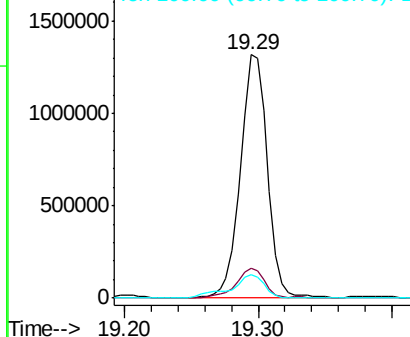
Acq: 08 Aug 2019 03:53

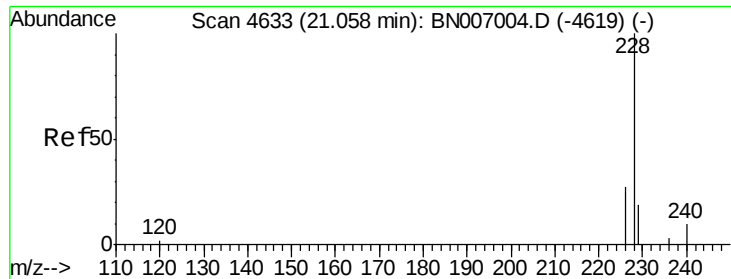
Tgt	Ion	Ratio	Lower	Upper
202	100			
101	12.2	9.3	13.9	
100	9.8	7.3	10.9	

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: 6.295 ng/ul m

RT: 21.06 min Scan# 4633

Delta R.T. -0.01 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:228 Resp: 888946
Ion Ratio Lower Upper

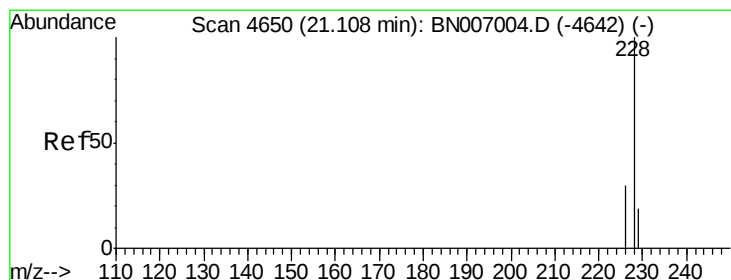
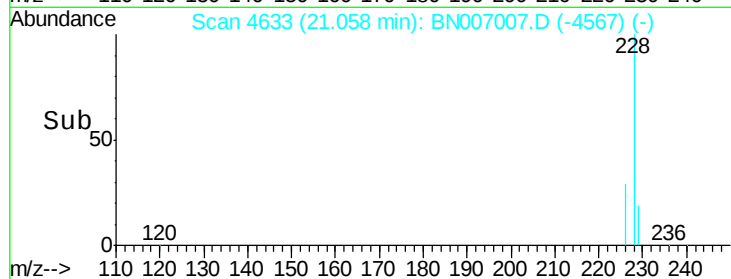
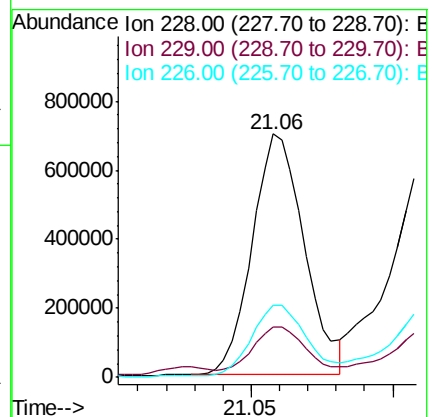
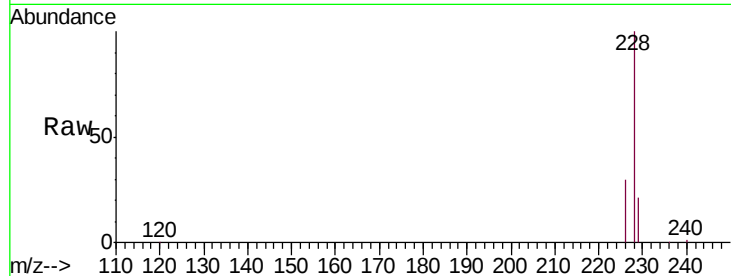
228 100

229 20.7 15.9 23.9

226 29.7 22.2 33.4

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#19

Chrysene

Concen: 6.917 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007007.D

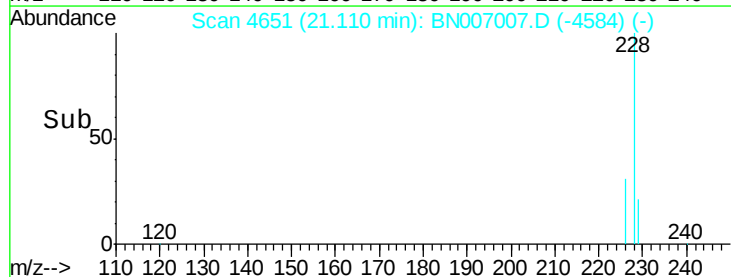
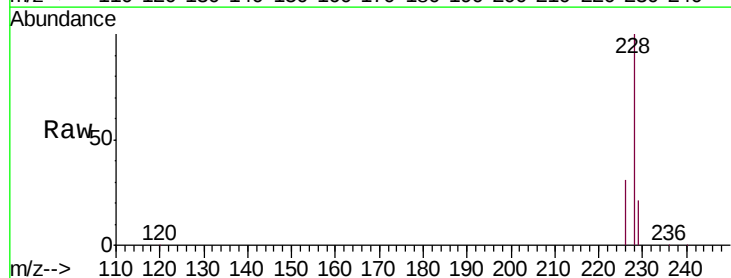
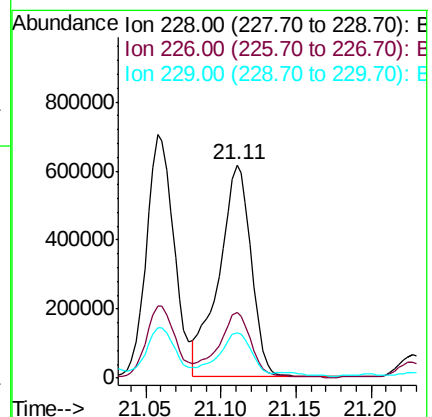
Acq: 08 Aug 2019 03:53

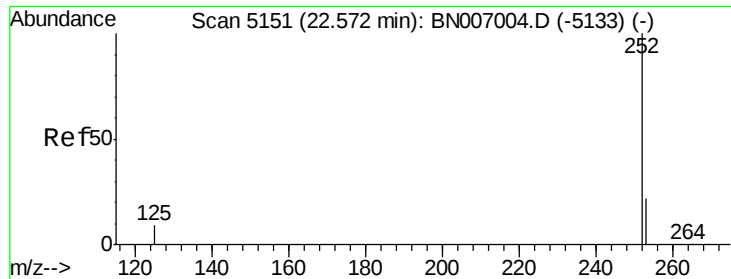
Tgt Ion:228 Resp: 914632
Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 21.4 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 7.427 ng/ul m

RT: 22.58 min Scan# 5153

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

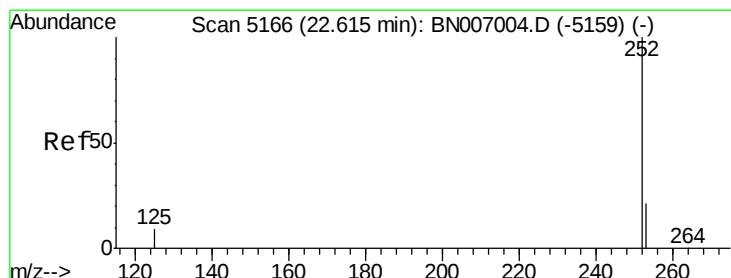
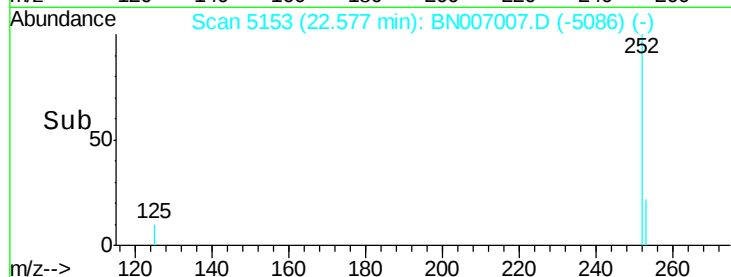
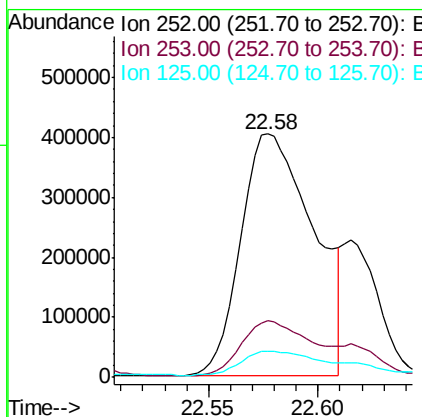
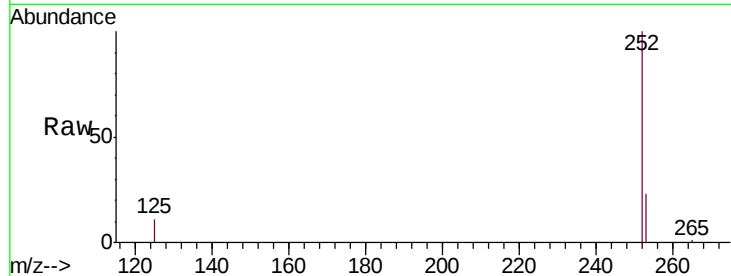
ClientSampleId :

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Tgt Ion:	252	Resp:	933568
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	45.2
125	10.6	0.0	22.2

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#22

Benzo(k)fluoranthene

Concen: 2.058 ng/ul m

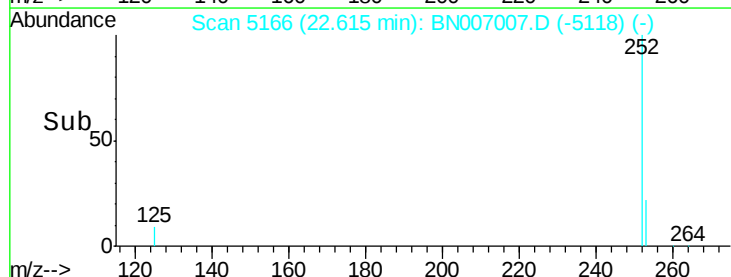
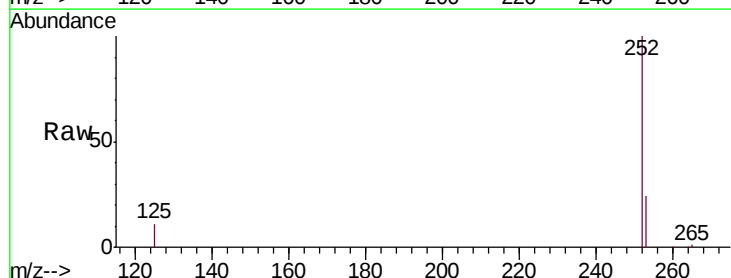
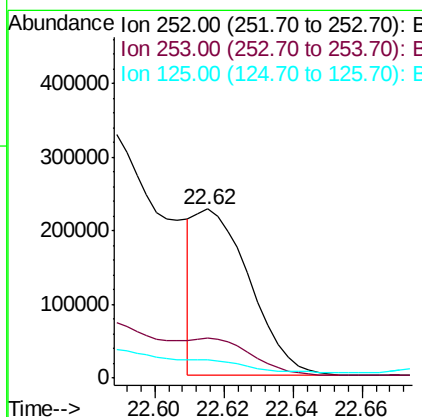
RT: 22.62 min Scan# 5166

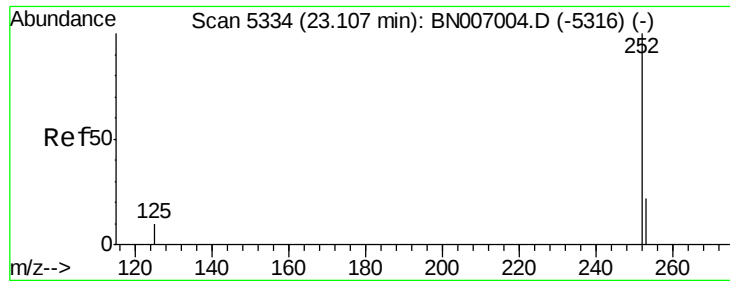
Delta R.T. -0.01 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Tgt Ion:	252	Resp:	250753
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.6	28.0
125	10.6	8.7	13.1





#23

Benzo(a)pyrene

Concen: 5.870 ng/ul m

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Instrument :

BNA_N

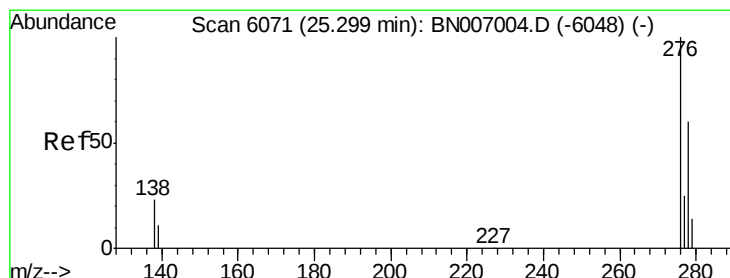
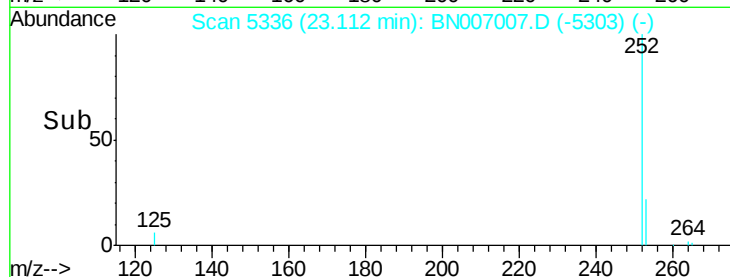
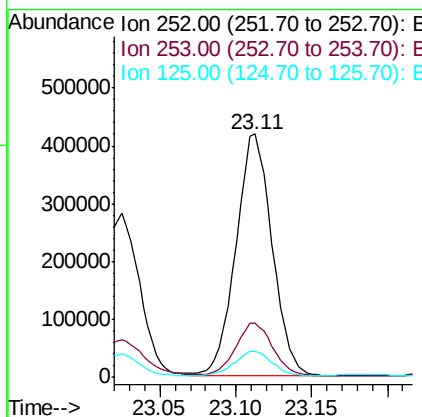
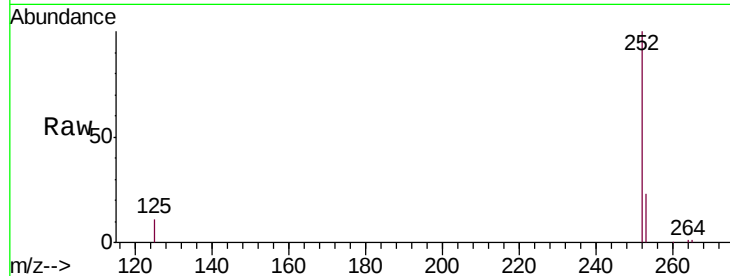
ClientSampleId :

BEP05

Tgt Ion:	252	Resp:	694744
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	10.8	10.0	15.0

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.306 ng/ul m

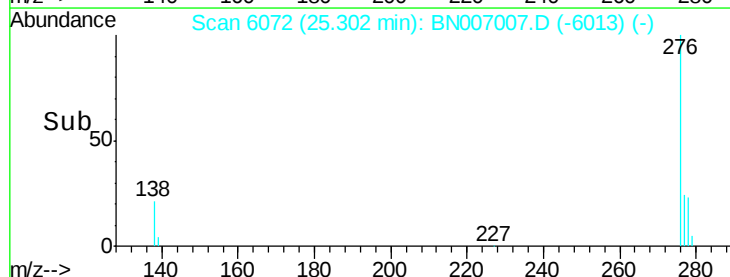
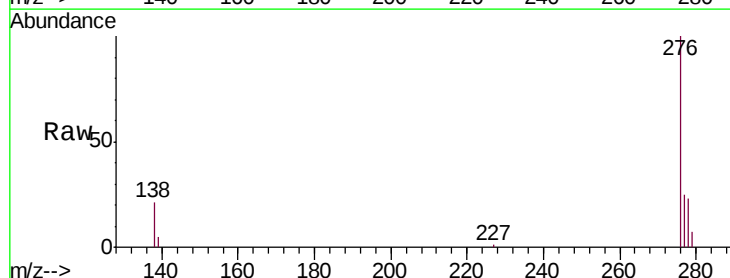
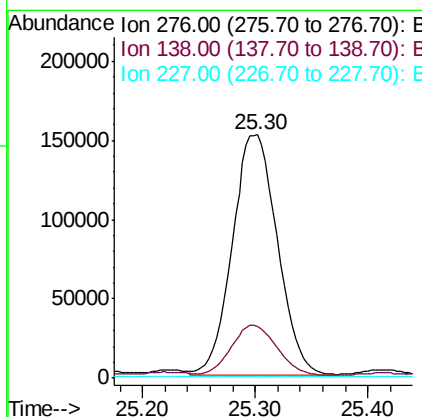
RT: 25.30 min Scan# 6072

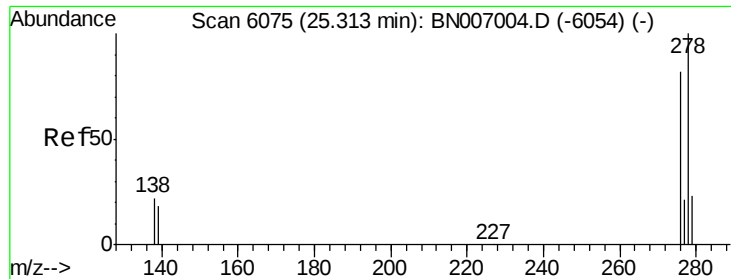
Delta R.T. -0.00 min

Lab File: BN007007.D

Acq: 08 Aug 2019 03:53

Tgt Ion:	276	Resp:	421735
Ion Ratio	Lower	Upper	
276	100		
138	21.1	19.9	29.9
227	0.3	0.2	0.4





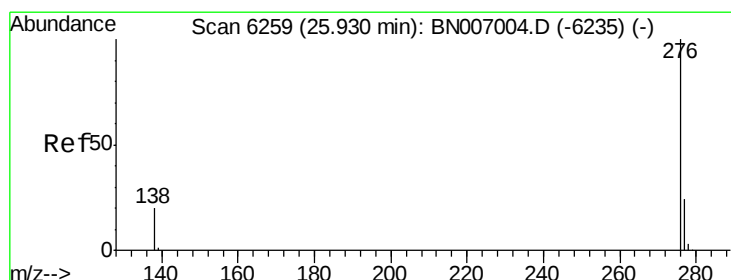
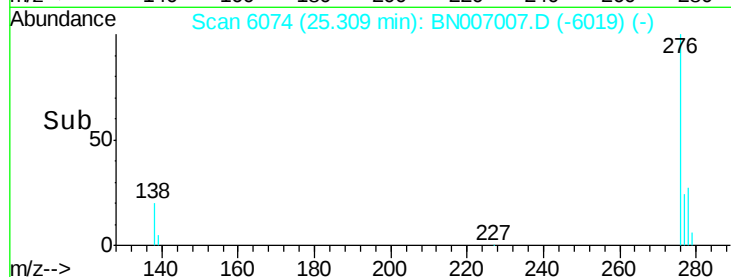
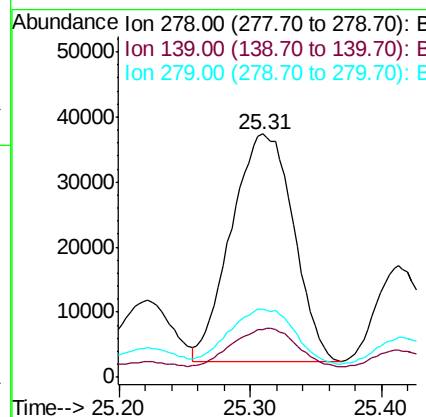
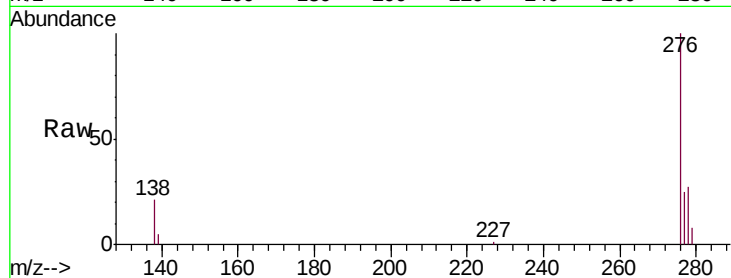
#25
Dibenzo(a,h)anthracene
Concen: 1.135 ng/ul m
RT: 25.31 min Scan# 6074
Delta R.T. -0.02 min
Lab File: BN007007.D
Acq: 08 Aug 2019 03:53

Instrument :
BNA_N
ClientSampleId :
BEP05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.3	21.5
279	28.1	19.6	29.4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:15:48 AM



#26
Benzo(g,h,i)perylene
Concen: 4.033 ng/ul m
RT: 25.93 min Scan# 6260
Delta R.T. -0.00 min
Lab File: BN007007.D
Acq: 08 Aug 2019 03:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.7	28.1
277	24.1	19.3	28.9

