

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003089.D
 Acq On : 11 Oct 2018 05:54
 Operator : MJ/SJ
 Sample : J5234-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK4

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:00 PM

Quant Time: Oct 11 09:03:00 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 08:10:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1638	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6769	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3882	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	7635m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4788m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4542m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4054	0.39	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	7298m	0.33	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	1442	0.083	ng/ul#	91
5) 2-Methylnaphthalene	12.08	142	595	0.050	ng/ul	100
7) Acenaphthylene	13.98	152	3046	0.172	ng/ul	96
8) Acenaphthene	14.32	153	1297	0.096	ng/ul	98
9) Fluorene	15.32	166	3683	0.239	ng/ul	97
12) Phenanthrene	17.05	178	45973	2.160	ng/ul	99
13) Anthracene	17.15	178	6442m	0.320	ng/ul	
15) Fluoranthene	19.08	202	68404m	2.740	ng/ul	
17) Pyrene	19.44	202	55484m	2.984	ng/ul	
18) Benzo(a)anthracene	21.21	228	20758	1.347	ng/ul	98
19) Chrysene	21.26	228	22595	1.444	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	28463m	1.740	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8638m	0.509	ng/ul	
23) Benzo(a)pyrene	23.34	252	19343	1.319	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.65	276	12501	0.742	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	3222	0.239	ng/ul#	88
26) Benzo(a,h,i)perylene	26.33	276	11523	0.811	ng/ul	97

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

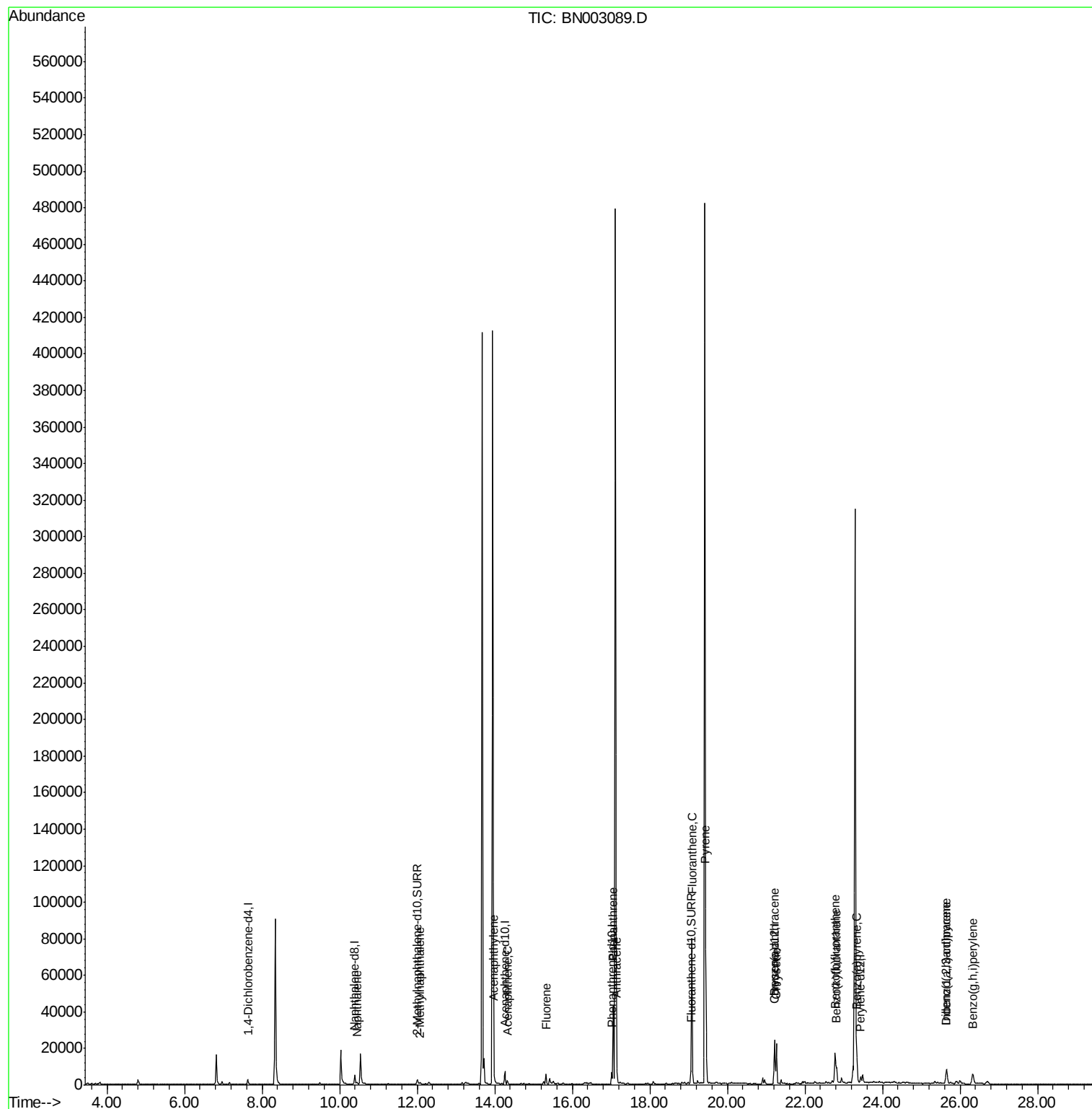
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003089.D
Acq On : 11 Oct 2018 05:54
Operator : MJ/SJ
Sample : J5234-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

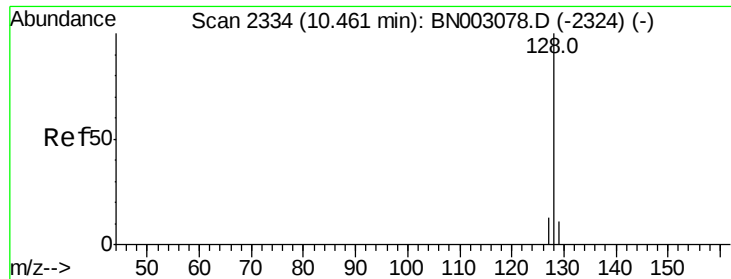
Instrument :
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C0AK4

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Quant Time: Oct 11 09:03:00 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 08:10:30 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.083 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Instrument :

BNA_N

ClientSampled :

C0AK4

Tot Ion:128 Resp: 1442

Ion Ratio Lower Upper

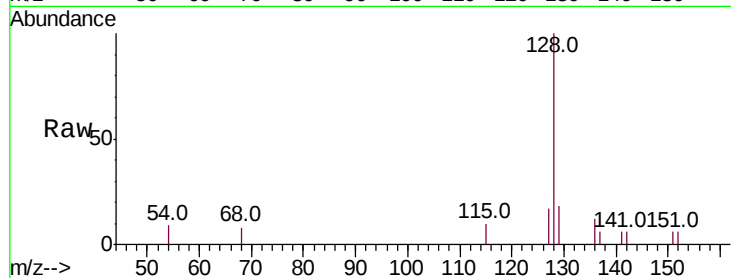
128 100

129 17.7 10.4 15.6#

127 17.2 11.7 17.5

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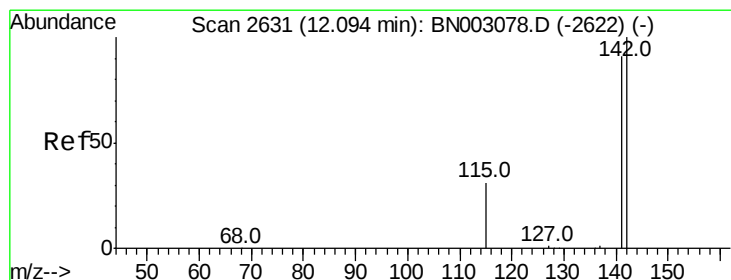
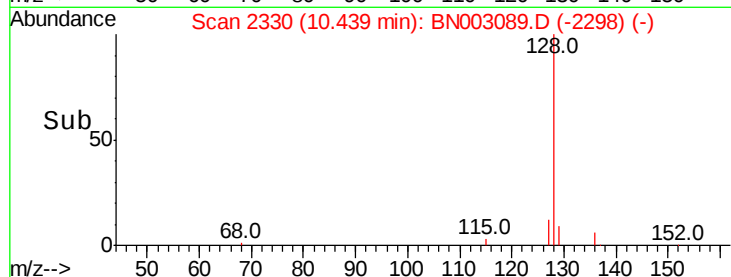
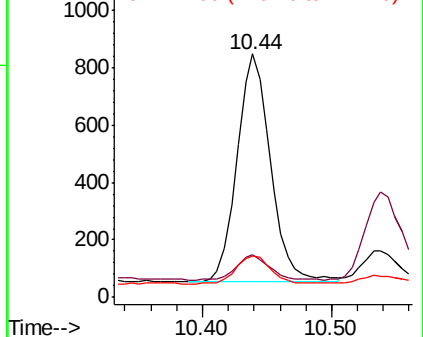
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.050 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BN003089.D

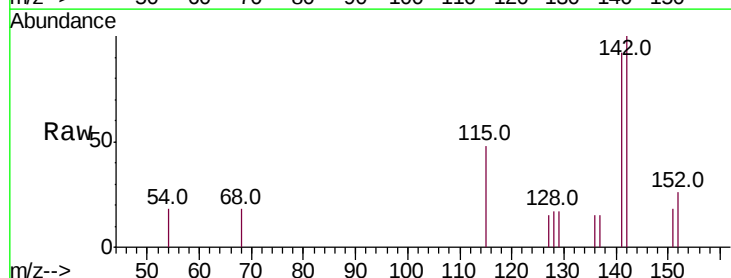
Acq: 11 Oct 2018 05:54

Tgt Ion:142 Resp: 595

Ion Ratio Lower Upper

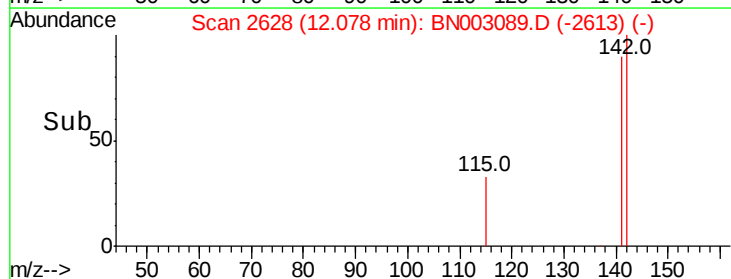
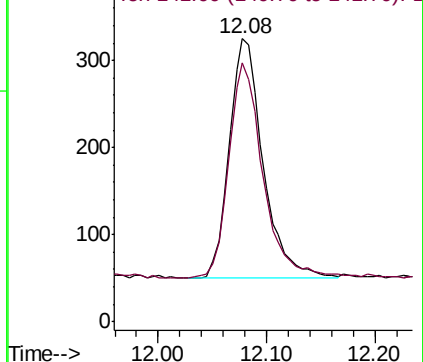
142 100

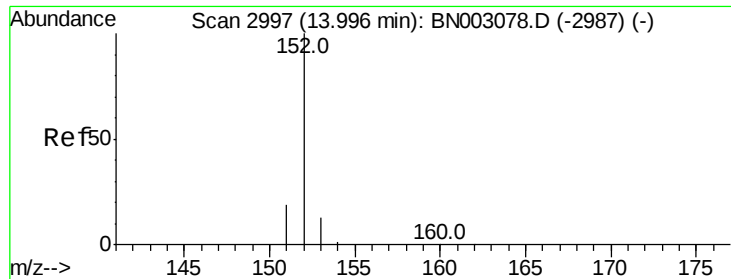
141 91.4 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.172 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Instrument :

BNA_N

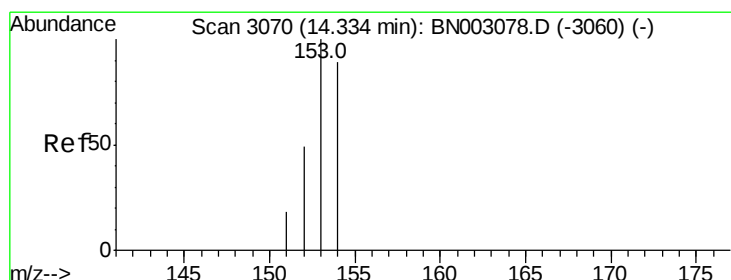
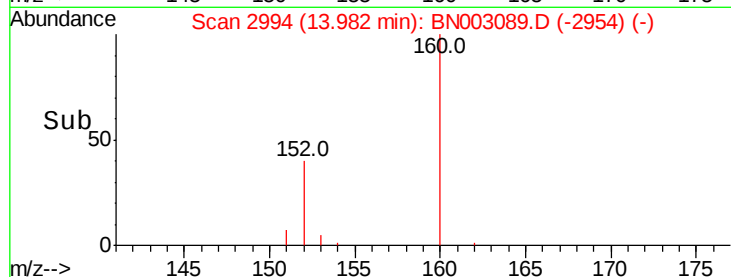
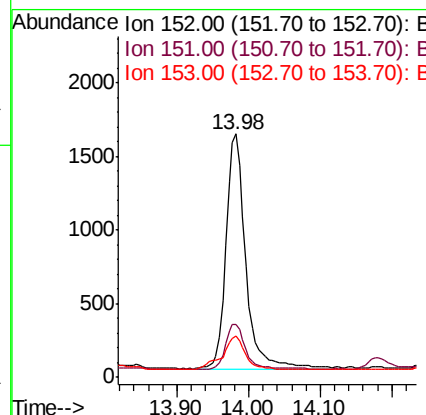
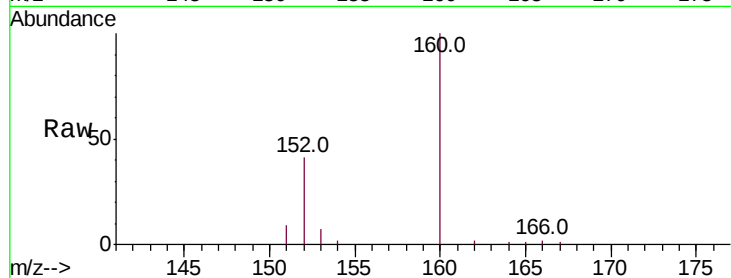
ClientSampleId :

C0AK4

Tot Ion:	152	Resp:	3046
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.5	24.7
153	17.0	11.4	17.2

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#8

Acenaphthene

Concen: 0.096 ng/ul

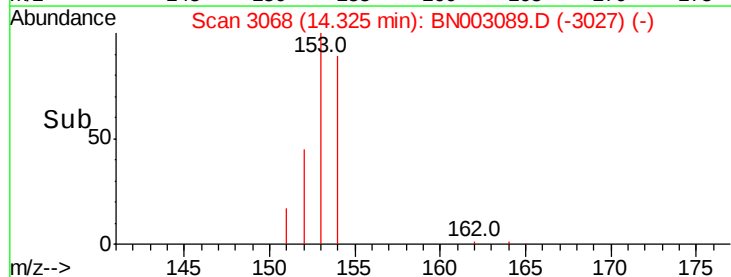
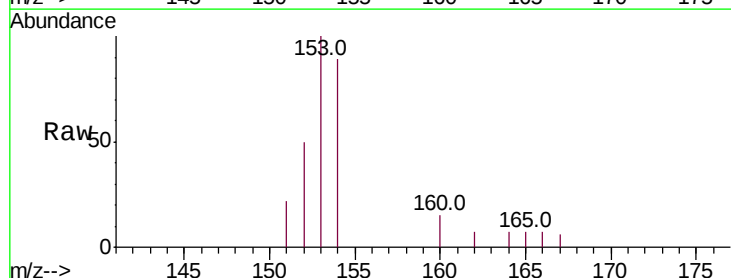
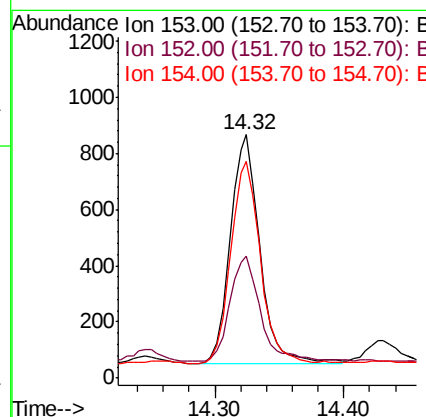
RT: 14.32 min Scan# 3068

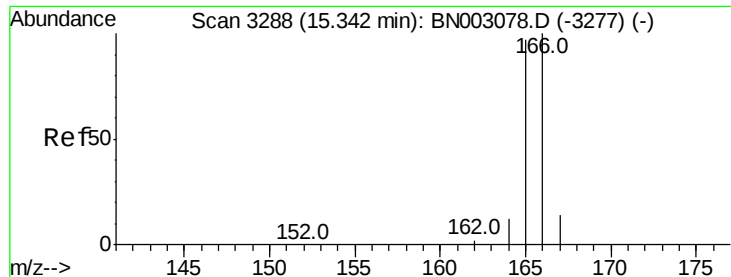
Delta R.T. -0.01 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Tgt Ion:	153	Resp:	1297
Ion Ratio	Lower	Upper	
153	100		
152	50.3	38.2	57.4
154	89.0	70.2	105.2





#9

Fluorene

Concen: 0.239 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Instrument :

BNA_N

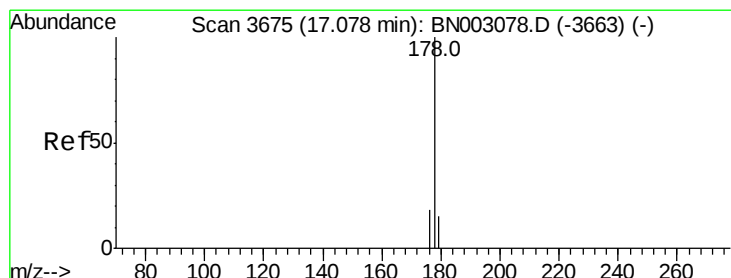
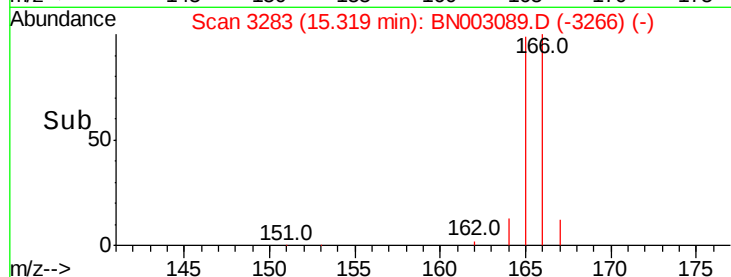
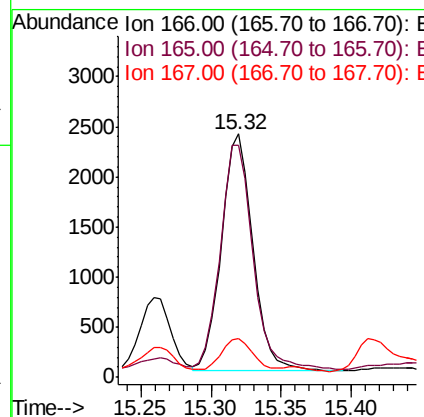
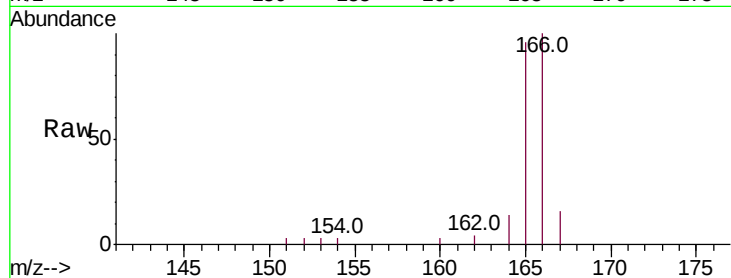
ClientSampled :

C0AK4

Tot Ion:	166	Resp:	3683
Ion Ratio	Lower	Upper	
166	100		
165	95.6	78.5	117.7
167	16.1	11.6	17.4

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#12

Phenanthrene

Concen: 2.160 ng/ul

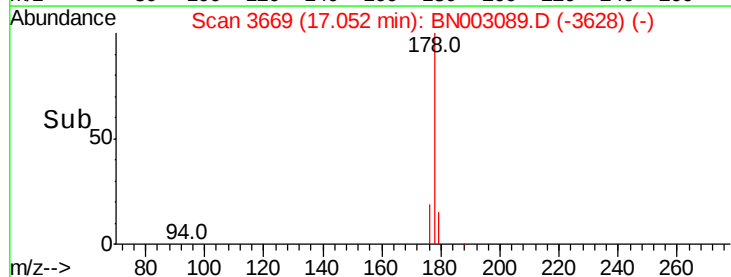
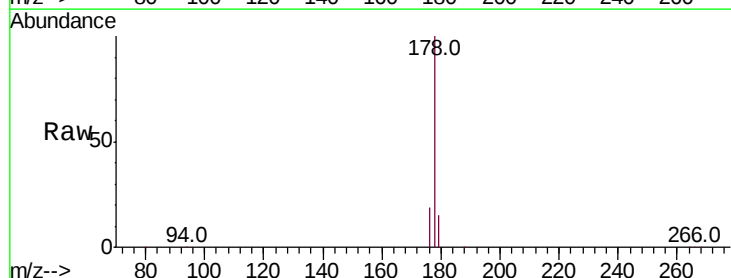
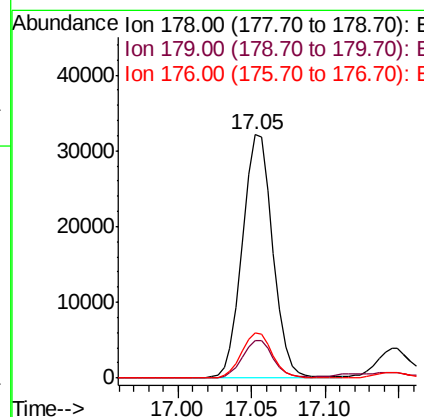
RT: 17.05 min Scan# 3669

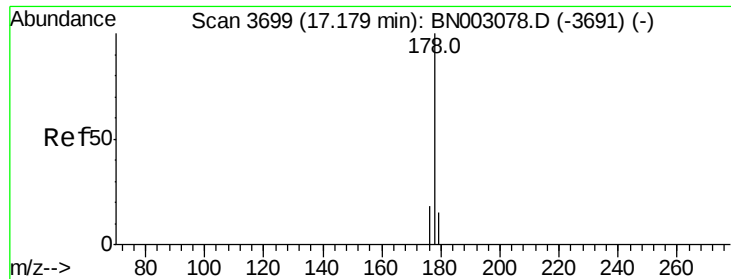
Delta R.T. -0.03 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Tgt Ion:	178	Resp:	45973
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	18.8	15.4	23.2





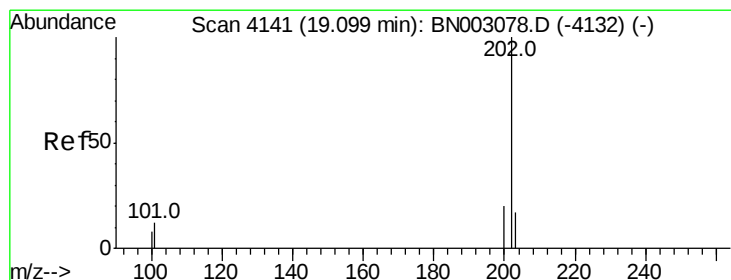
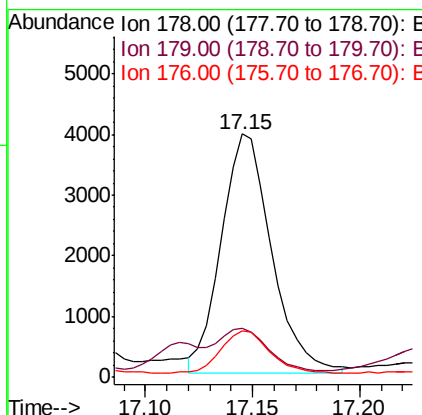
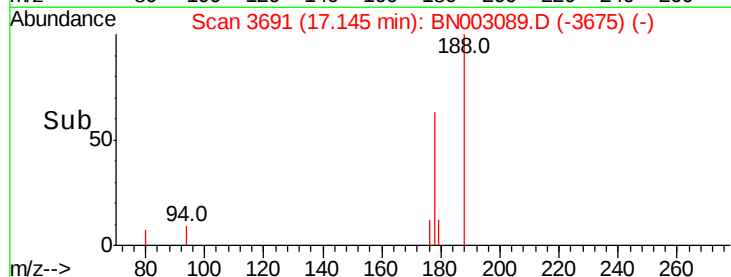
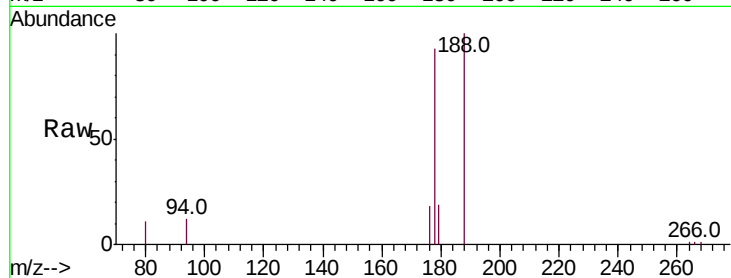
#13
 Anthracene
 Concen: 0.320 ng/ul m
 RT: 17.15 min Scan# 3691
 Delta R.T. -0.03 min
 Lab File: BN003089.D
 Acq: 11 Oct 2018 05:54

Instrument :
 BNA_N
 ClientSampled :
 C0AK4

Tot Ion:178 Resp: 6442
 Ion Ratio Lower Upper
 178 100
 179 19.9 13.0 19.6#
 176 19.2 15.3 22.9

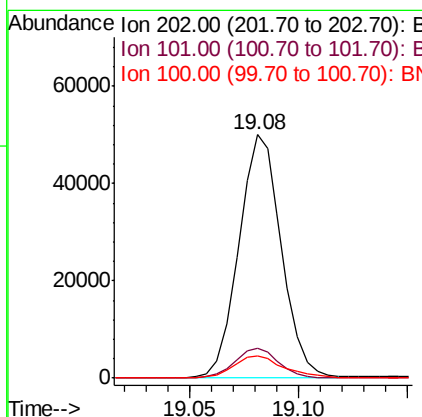
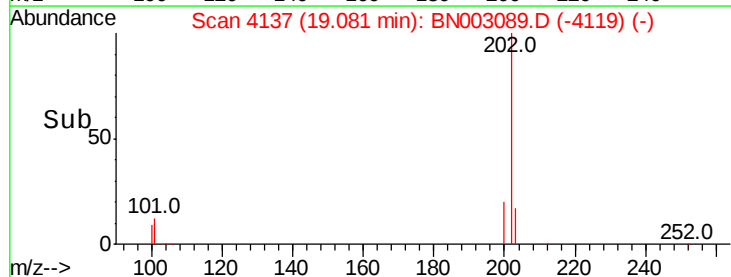
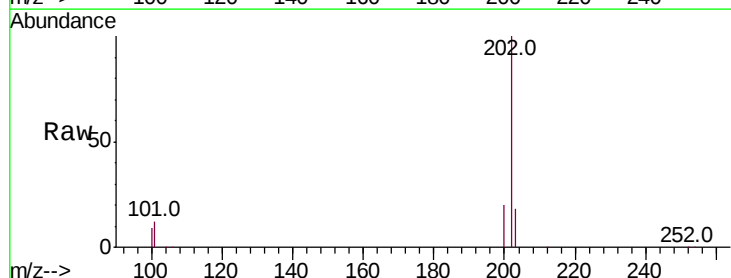
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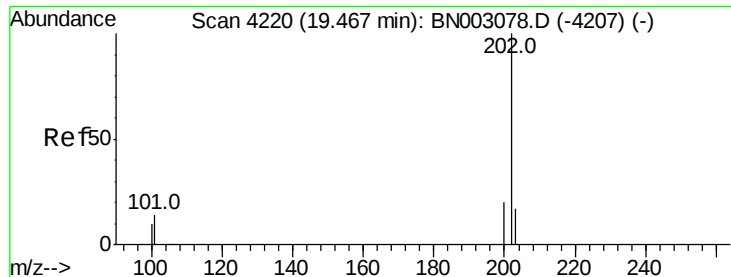
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#15
 Fluoranthene
 Concen: 2.740 ng/ul m
 RT: 19.08 min Scan# 4137
 Delta R.T. -0.02 min
 Lab File: BN003089.D
 Acq: 11 Oct 2018 05:54

Tgt Ion:202 Resp: 68404
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 32.3
 100 9.3 0.0 29.1





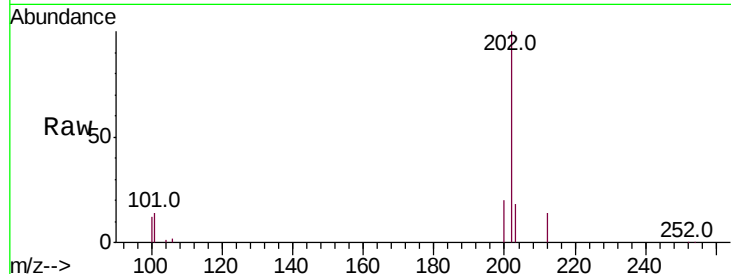
#17
Pvrene
Concen: 2.984 ng/ul m
RT: 19.44 min Scan# 4215
Delta R.T. -0.02 min
Lab File: BN003089.D
Acq: 11 Oct 2018 05:54

Instrument :
BNA_N
ClientSampleId :
C0AK4

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.9	17.9
100	11.8	9.9	14.9

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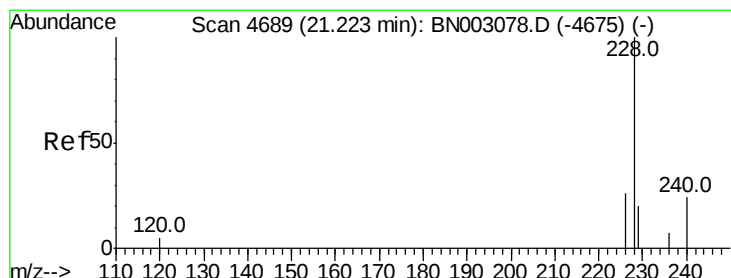
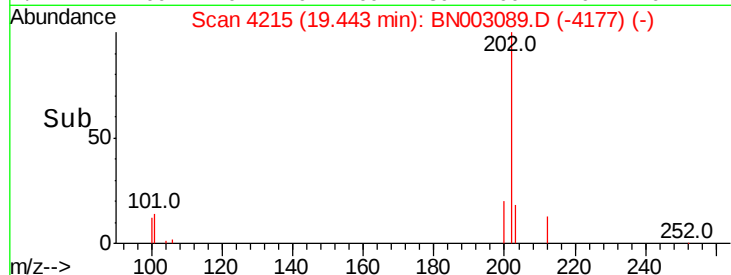
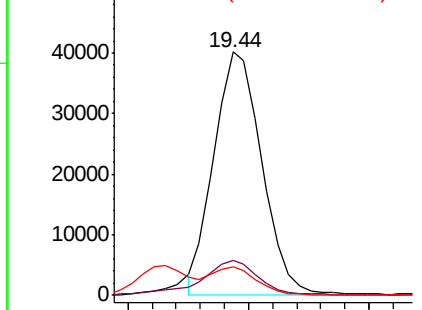


Abundance

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



#18
Benzo(a)anthracene
Concen: 1.347 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003089.D
Acq: 11 Oct 2018 05:54

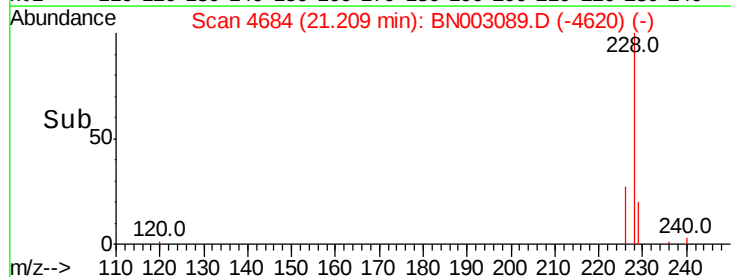
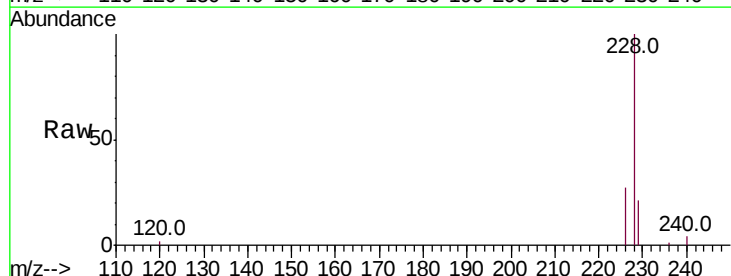
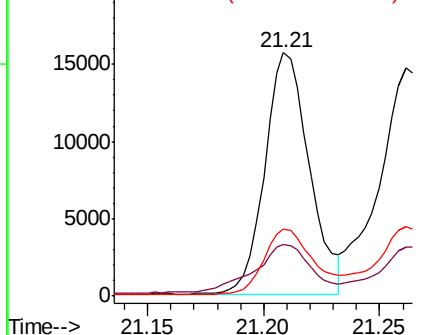
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	27.4	22.3	33.5

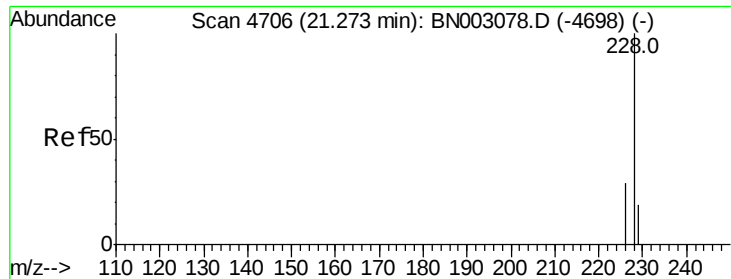
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.444 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Instrument :

BNA_N

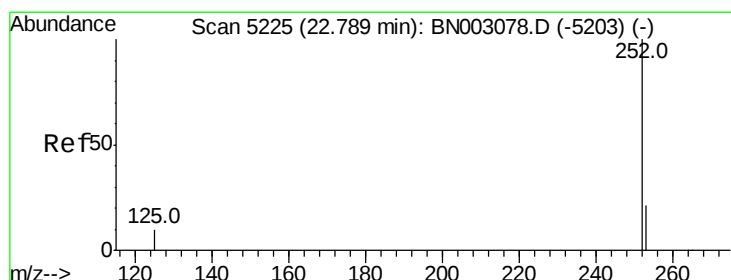
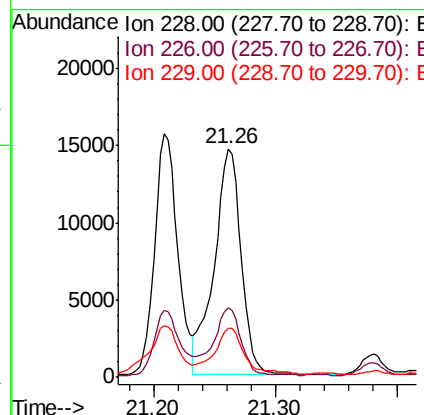
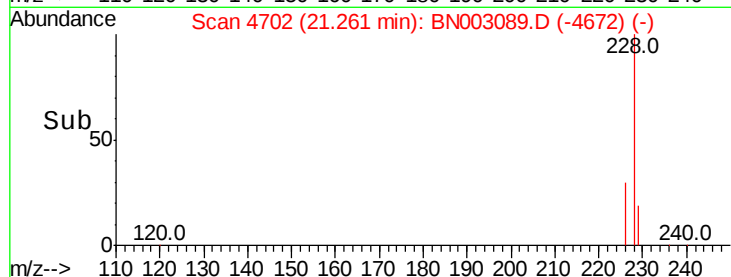
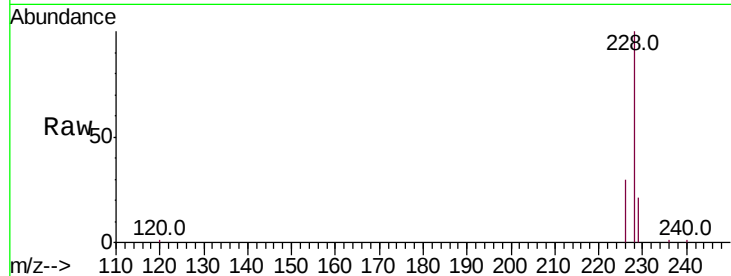
ClientSampleId :

C0AK4

Tot Ion:	228	Resp:	22595
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.2	36.4
229	21.4	16.7	25.1

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 1.740 ng/ul m

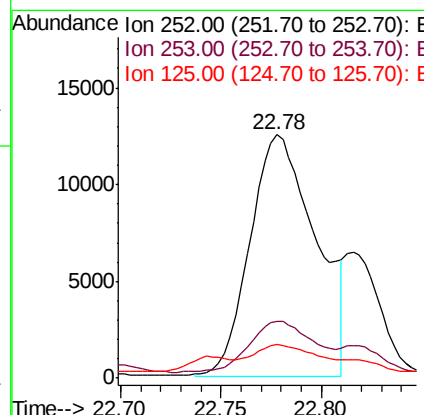
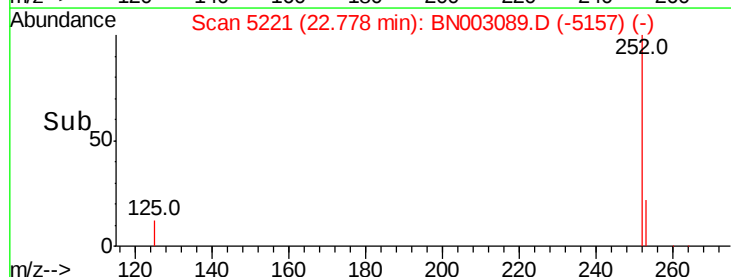
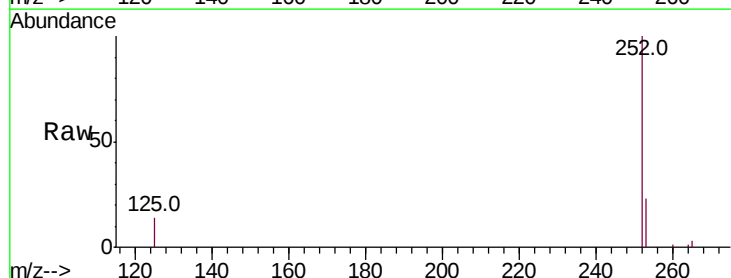
RT: 22.78 min Scan# 5221

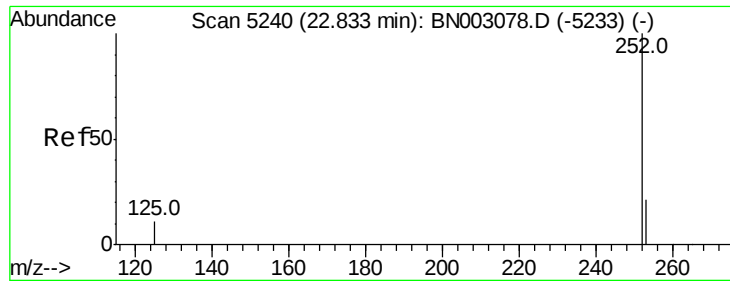
Delta R.T. -0.01 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Tgt Ion:	252	Resp:	28463
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	53.2
125	13.9	0.0	34.2





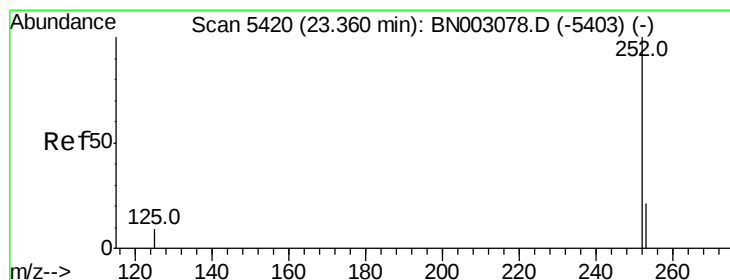
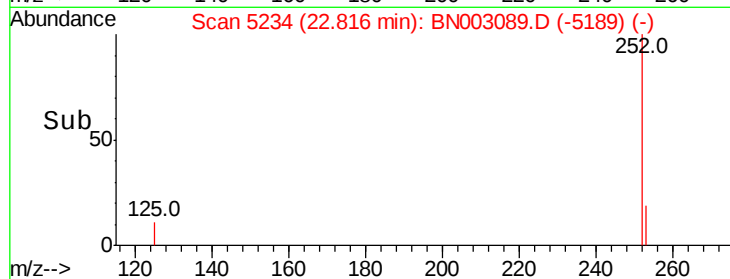
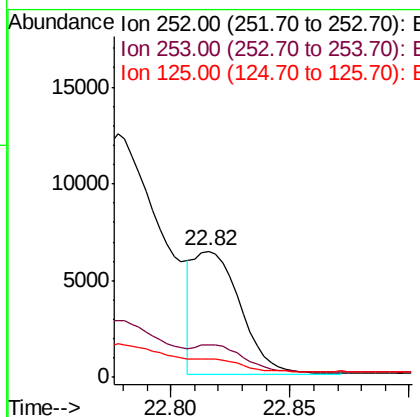
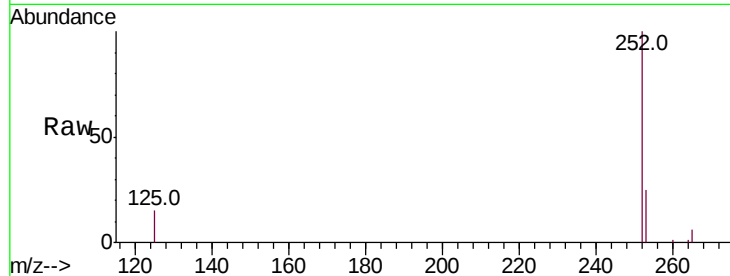
#22
Benzo(k)fluoranthene
Concen: 0.509 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN003089.D
Acq: 11 Oct 2018 05:54

Instrument :
BNA_N
ClientSampleId :
C0AK4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.3	31.9
125	14.9	14.1	21.1

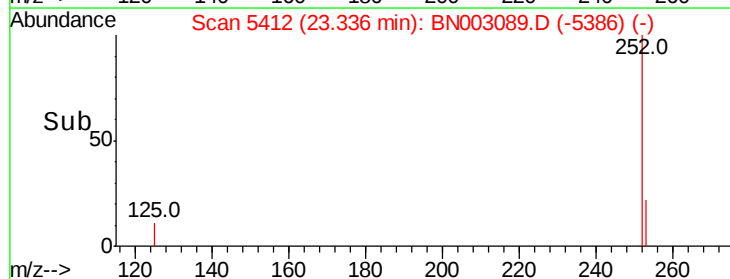
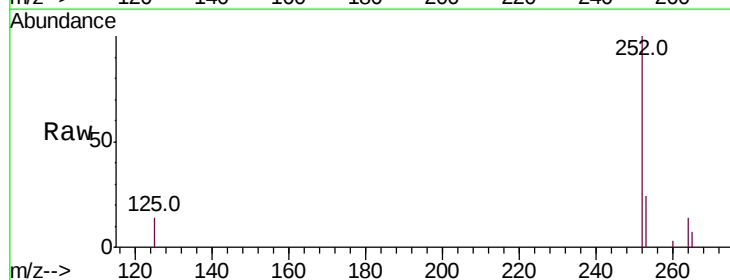
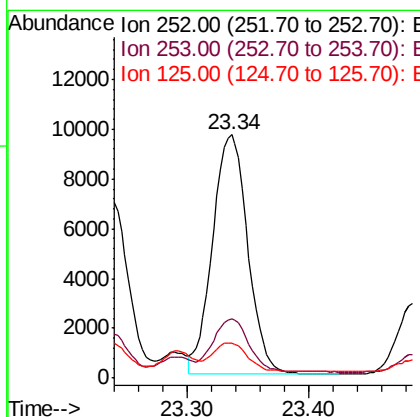
Manual Integrations
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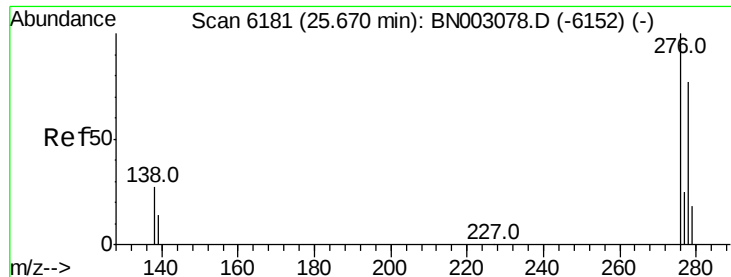
Sohil
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#23
Benzo(a)pyrene
Concen: 1.319 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003089.D
Acq: 11 Oct 2018 05:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	23.1	34.7
125	14.5	16.9	25.3#





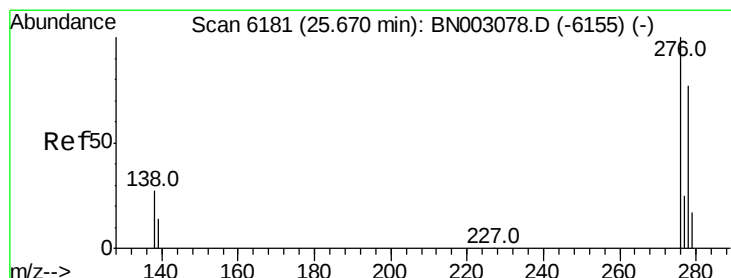
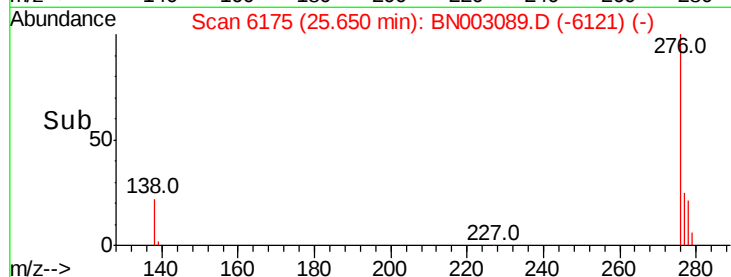
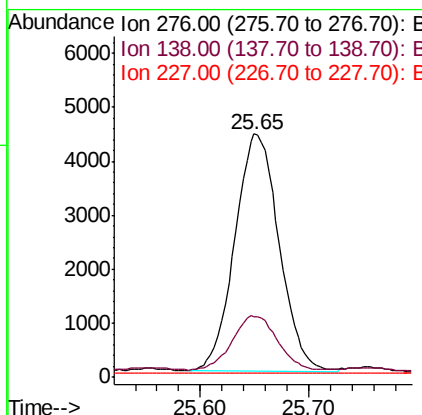
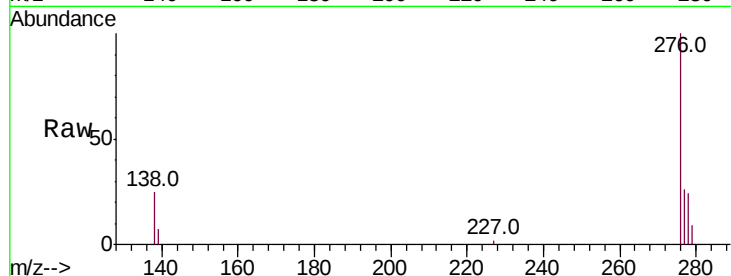
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.742 ng/ul
 RT: 25.65 min Scan# 6175
 Delta R.T. -0.02 min
 Lab File: BN003089.D
 Acq: 11 Oct 2018 05:54

Instrument :
 BNA_N
 ClientSampleId :
 C0AK4

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
227	0.0	0.3	0.5

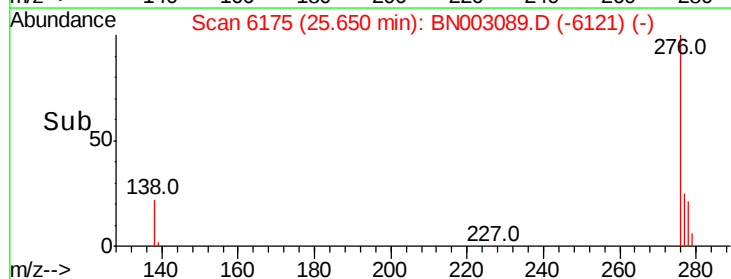
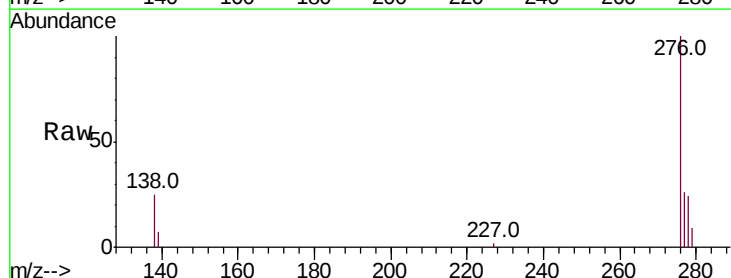
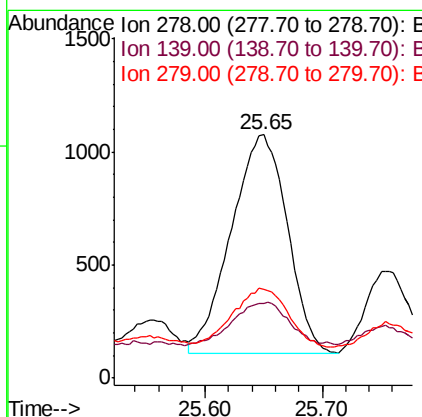
Manual Integrations
 APPROVED

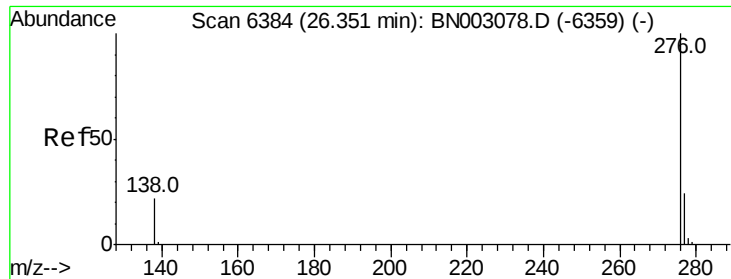
Sohil
 10/11/2018 5:45:00 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.239 ng/ul
 RT: 25.65 min Scan# 6175
 Delta R.T. -0.02 min
 Lab File: BN003089.D
 Acq: 11 Oct 2018 05:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.8	20.2	30.4
279	36.6	23.8	35.8





#26

Benzo(a,h,i)perylene

Concen: 0.811 ng/ul

RT: 26.33 min Scan# 6377

Delta R.T. -0.02 min

Lab File: BN003089.D

Acq: 11 Oct 2018 05:54

Instrument :

BNA_N

ClientSampleId :

C0AK4

Tot Ion:	276	Resp:	11523
Ion Ratio	Lower	Upper	
276	100		
138	27.2	23.0	34.4
277	25.4	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:00 PM

