

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006554.D
 Acq On : 25 Jun 2019 04:42
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Manual Integrations
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 6/25/2019 10:21:16 PM

Quant Time: Jun 25 07:35:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5480	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	18872	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8695	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16162m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10990m	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	12792m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4802	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	9906m	0.23	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	11843	0.227	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	5653	0.156	ng/ul	98
7) Acenaphthylene	14.00	152	54027	1.118	ng/ul	99
8) Acenaphthene	14.34	153	1224	0.037	ng/ul#	93
9) Fluorene	15.34	166	2875	0.073	ng/ul#	90
12) Phenanthrene	17.08	178	28793m	0.555	ng/ul	
13) Anthracene	17.17	178	23915m	0.483	ng/ul	
15) Fluoranthene	19.10	202	71693m	1.251	ng/ul	
17) Pyrene	19.47	202	78919	1.363	ng/ul	99
18) Benzo(a)anthracene	21.23	228	40304m	0.829	ng/ul	
19) Chrysene	21.29	228	49578m	1.086	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	202289m	3.792	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	50639m	0.975	ng/ul	
23) Benzo(a)pyrene	23.39	252	154463m	3.109	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	212856m	3.959	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	46558m	1.083	ng/ul	
26) Benzo(a,h,i)perylene	26.40	276	235785	5.235	ng/ul	95

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

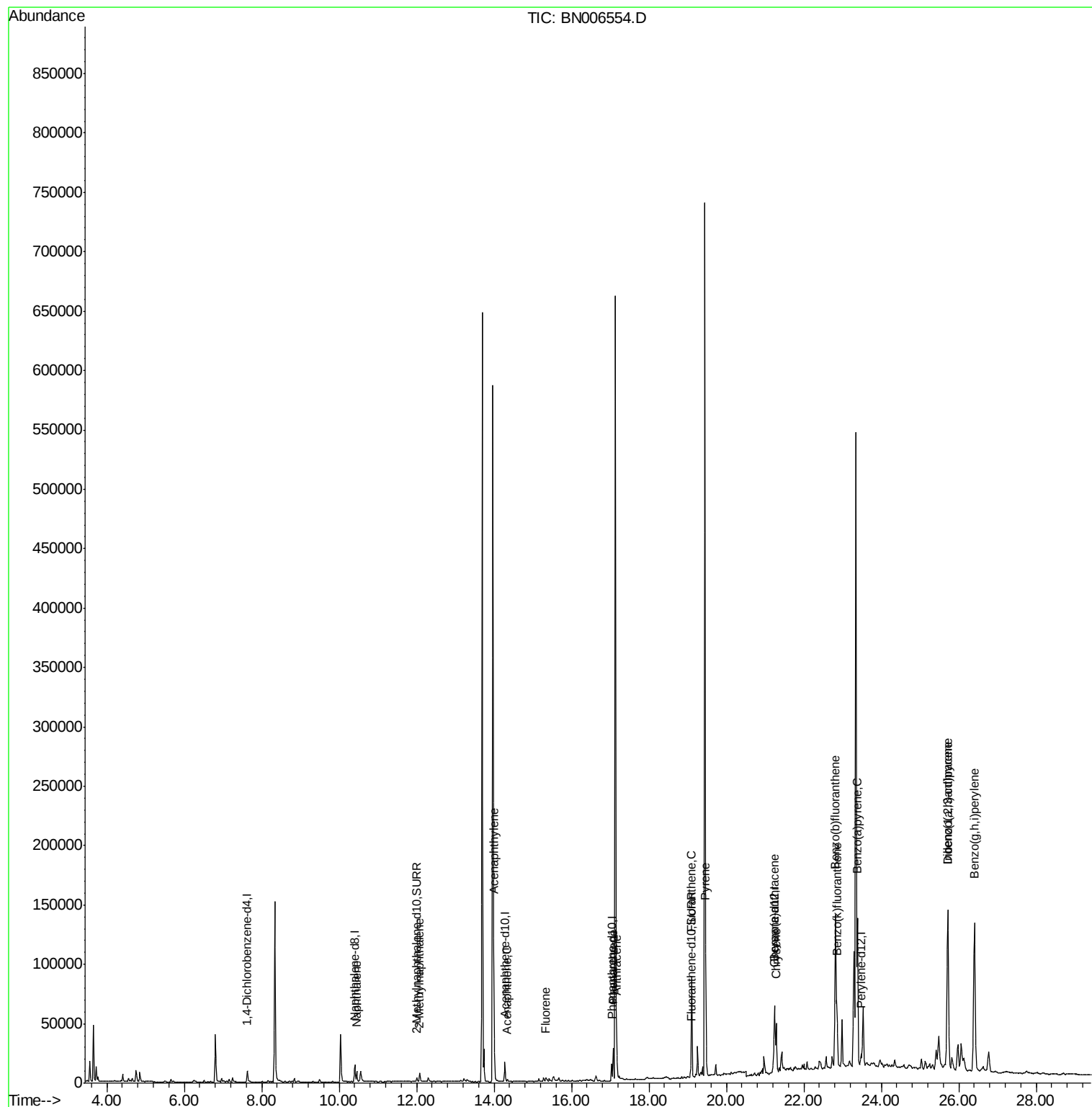
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006554.D
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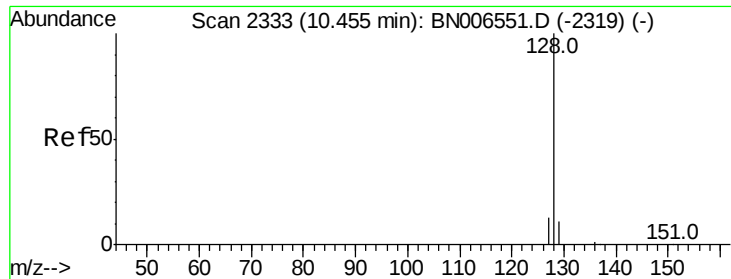
Instrument :
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Quant Time: Jun 25 07:35:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 01:51:13 2019
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#3

Naphthalene

Concen: 0.227 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006554.D

Acq: 25 Jun 2019 04:42

Instrument :

BNA_N

ClientSampleId :

A4214

Tot Ion:128 Resp: 11843

Ion Ratio Lower Upper

128 100

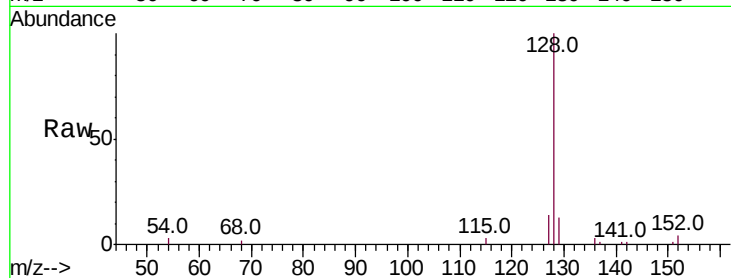
129 12.7 9.3 13.9

127 14.0 10.7 16.1

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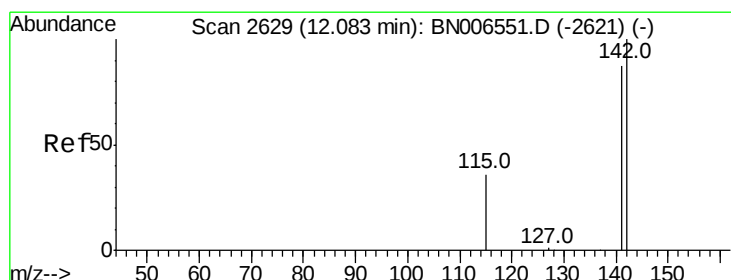
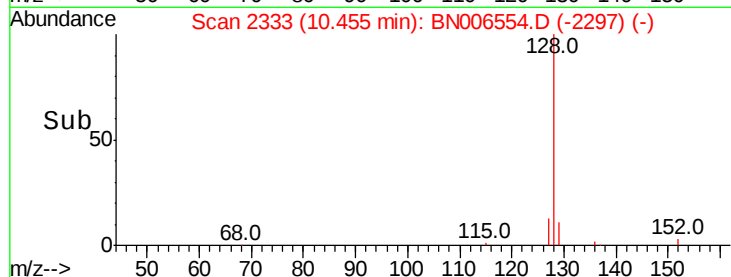
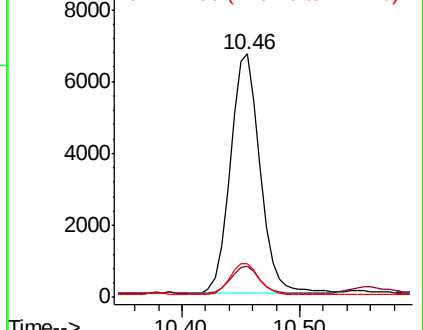
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.156 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BN006554.D

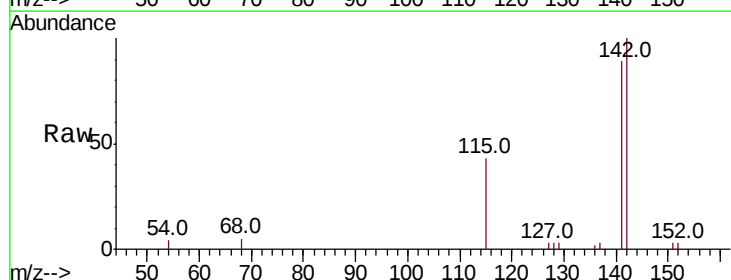
Acq: 25 Jun 2019 04:42

Tgt Ion:142 Resp: 5653

Ion Ratio Lower Upper

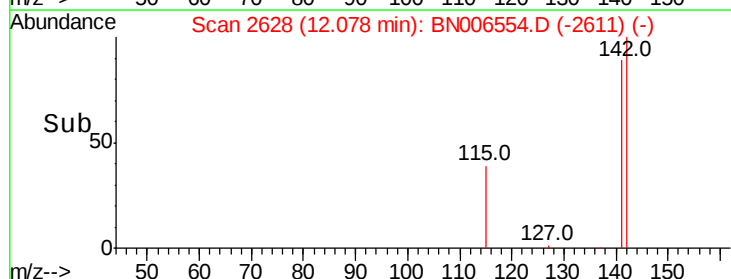
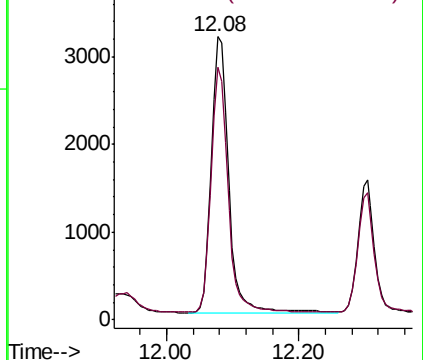
142 100

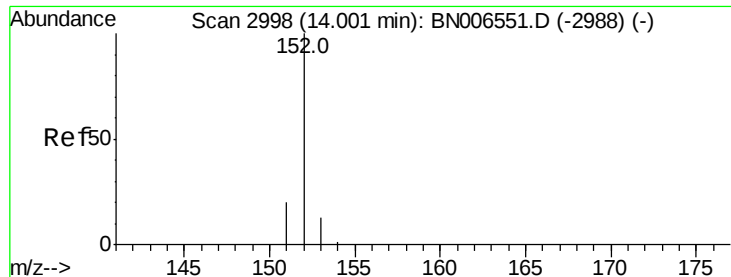
141 86.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.118 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BN006554.D

Acq: 25 Jun 2019 04:42

Instrument :

BNA_N

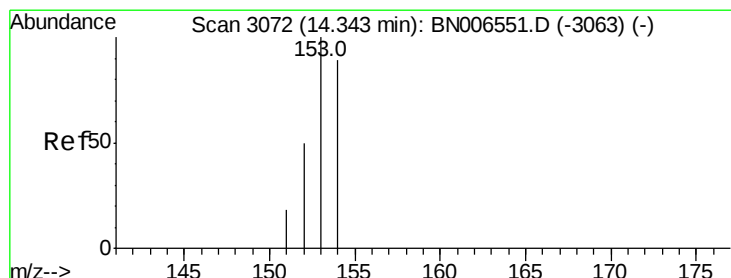
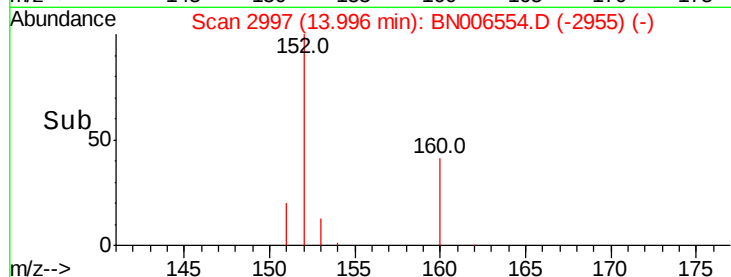
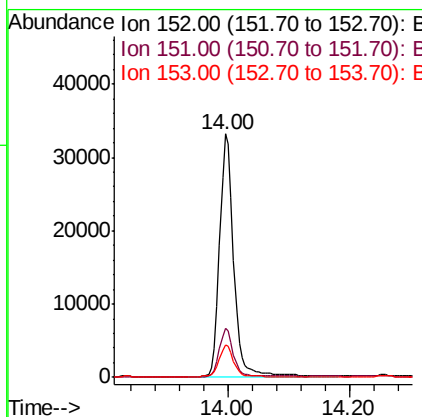
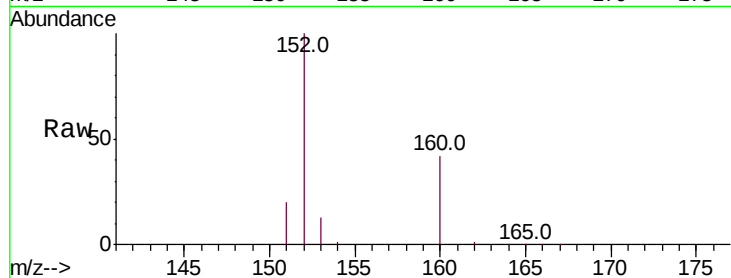
ClientSampleId :

A4214

Tot Ion:	152	Resp:	54027
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.8
153	13.3	10.8	16.2

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#8

Acenaphthene

Concen: 0.037 ng/ul

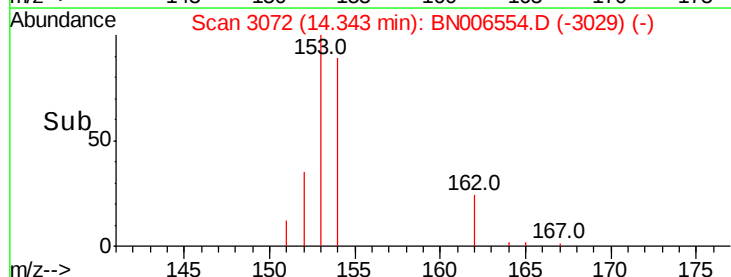
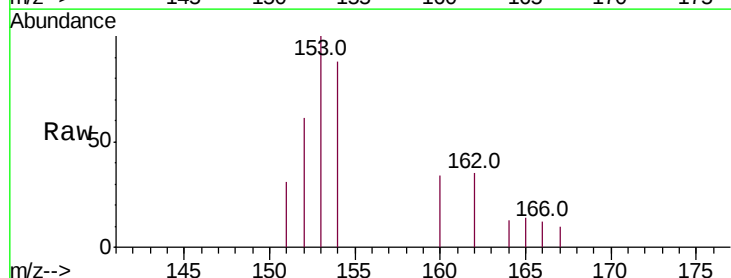
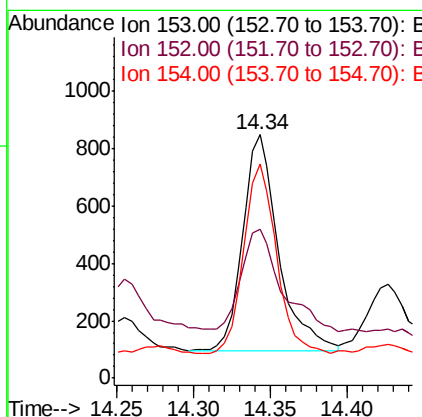
RT: 14.34 min Scan# 3072

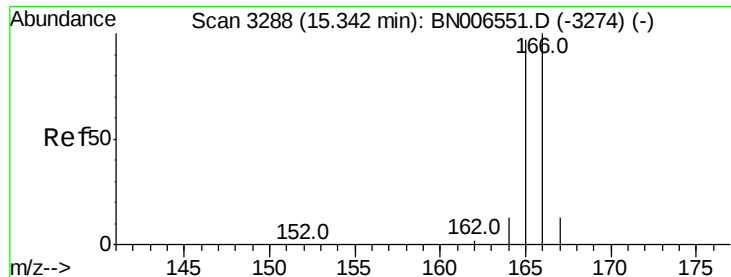
Delta R.T. 0.00 min

Lab File: BN006554.D

Acq: 25 Jun 2019 04:42

Tgt Ion:	153	Resp:	1224
Ion Ratio	Lower	Upper	
153	100		
152	61.3	39.1	58.7#
154	88.1	71.1	106.7





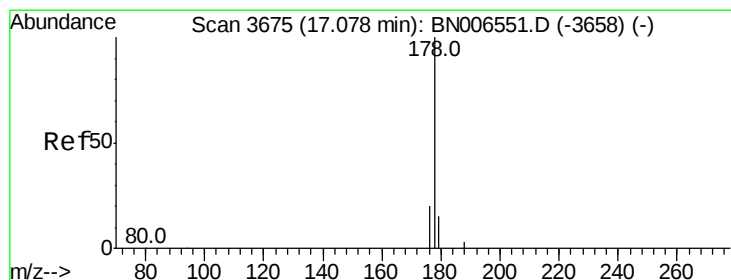
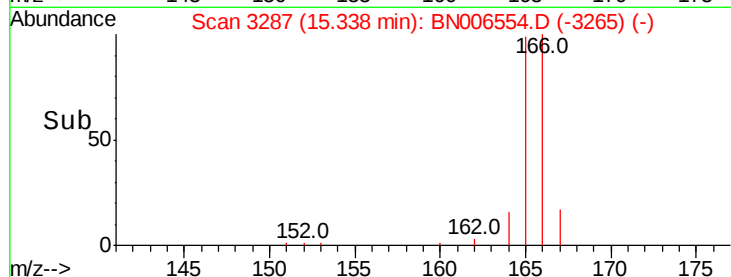
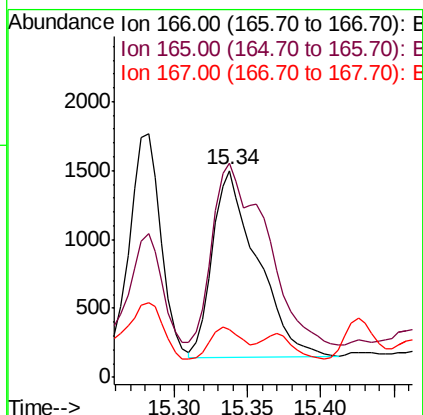
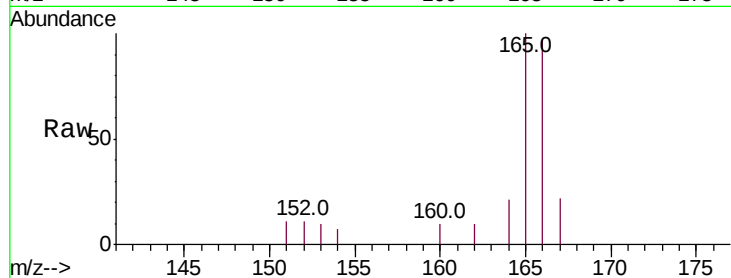
#9
Fluorene
 Concen: 0.073 ng/ul
 RT: 15.34 min Scan# 3287
 Delta R.T. 0.00 min
 Lab File: BN006554.D
 Acq: 25 Jun 2019 04:42

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.5	76.4	114.6
167	23.3	11.0	16.6#

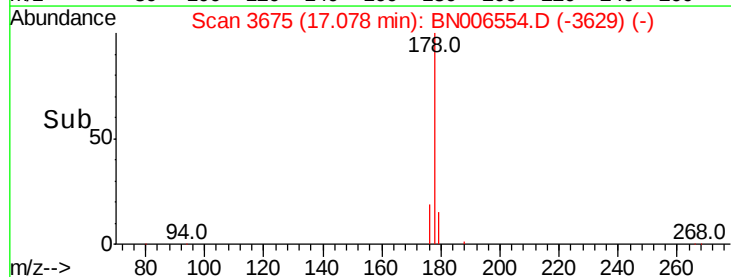
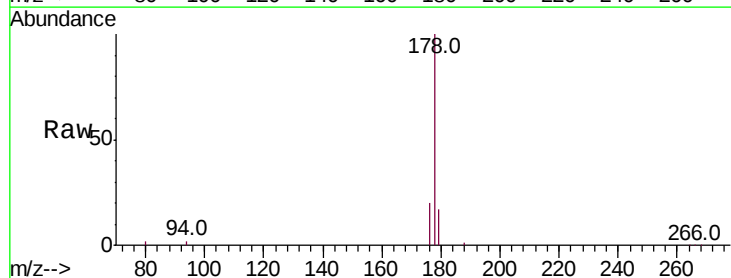
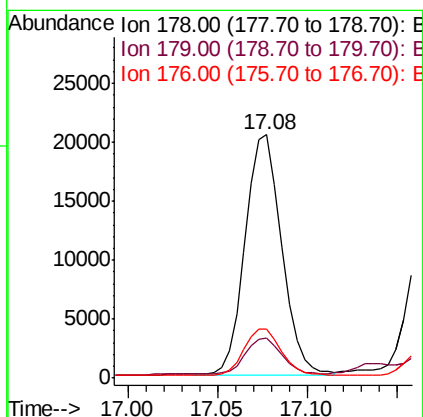
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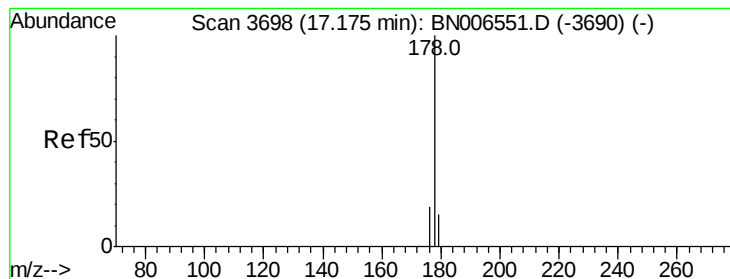
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#12
Phenanthrene
 Concen: 0.555 ng/ul m
 RT: 17.08 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: BN006554.D
 Acq: 25 Jun 2019 04:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	20.2	15.3	22.9





#13

Anthracene

Concen: 0.483 ng/ul m

RT: 17.17 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BN006554.D

Acq: 25 Jun 2019 04:42

Instrument :

BNA_N

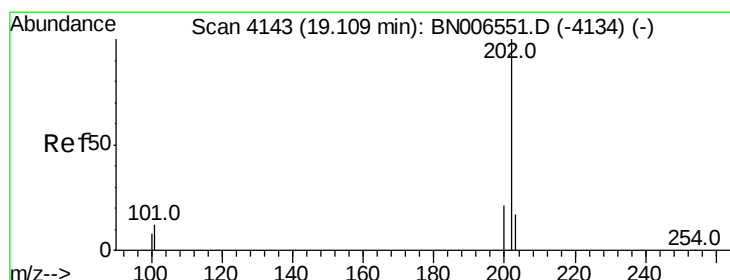
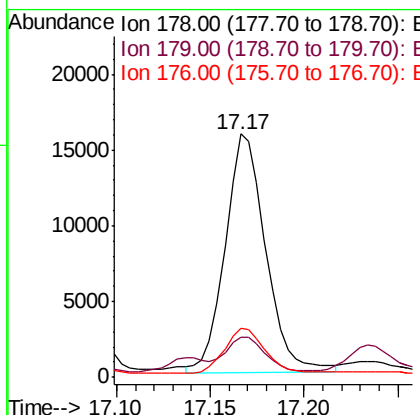
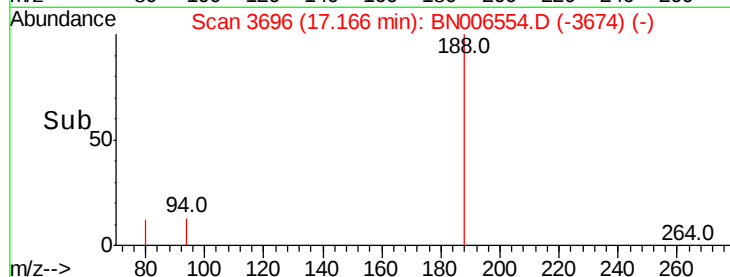
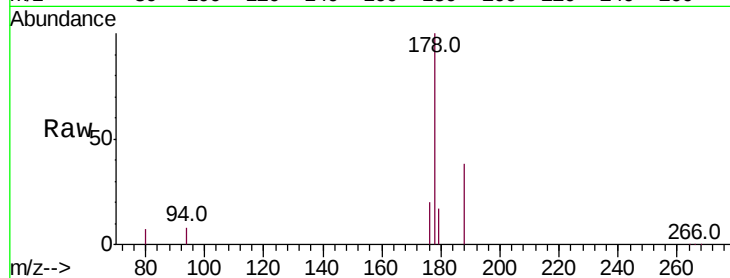
ClientSampleId :

A4214

Tot Ion:178	Resp:	23915
Ion Ratio	Lower	Upper
178	100	
179	16.6	12.2 18.4
176	20.4	15.1 22.7

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#15

Fluoranthene

Concen: 1.251 ng/ul m

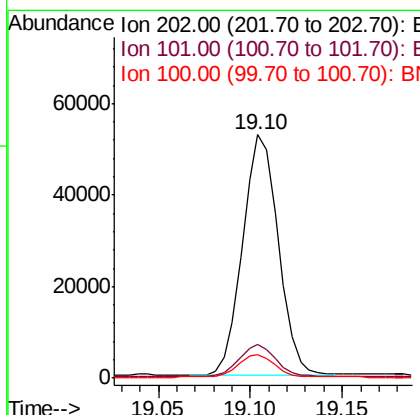
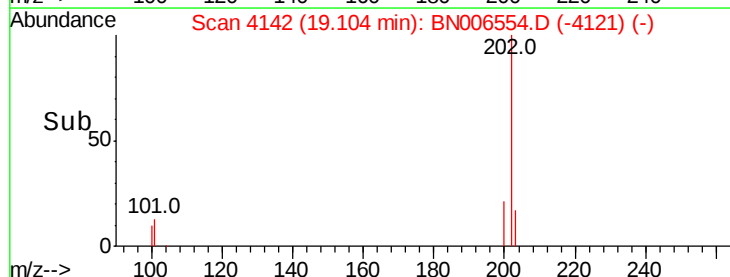
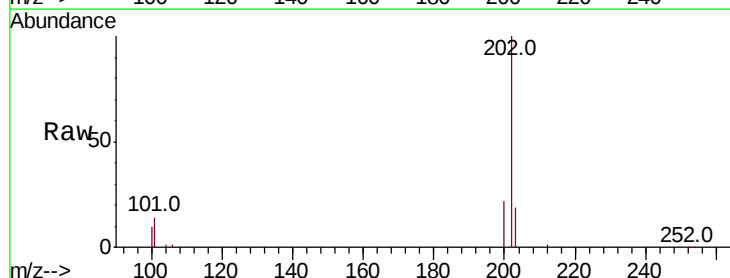
RT: 19.10 min Scan# 4142

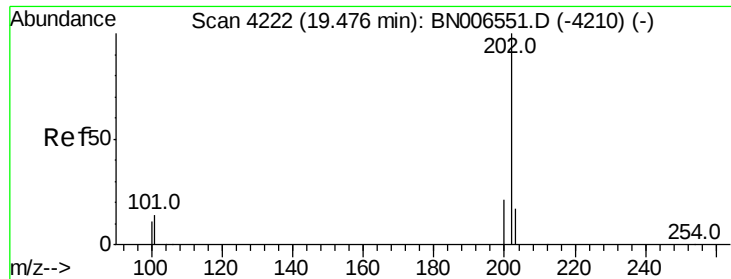
Delta R.T. -0.00 min

Lab File: BN006554.D

Acq: 25 Jun 2019 04:42

Tgt Ion:202	Resp:	71693
Ion Ratio	Lower	Upper
202	100	
101	14.0	0.0 32.1
100	9.8	0.0 28.7





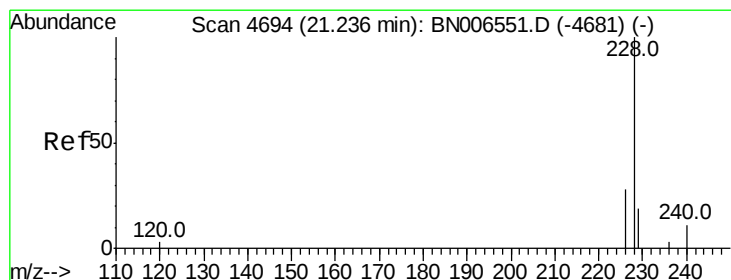
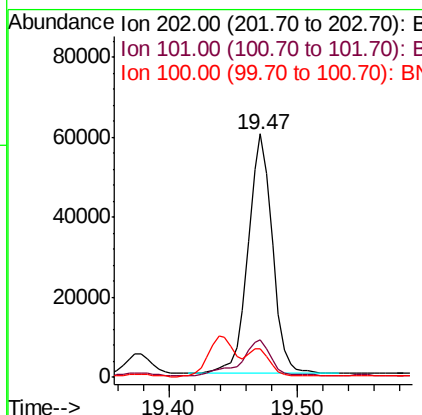
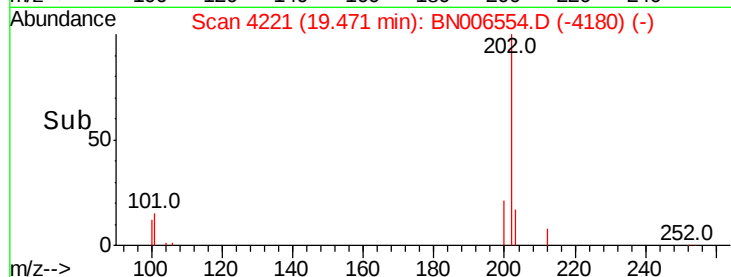
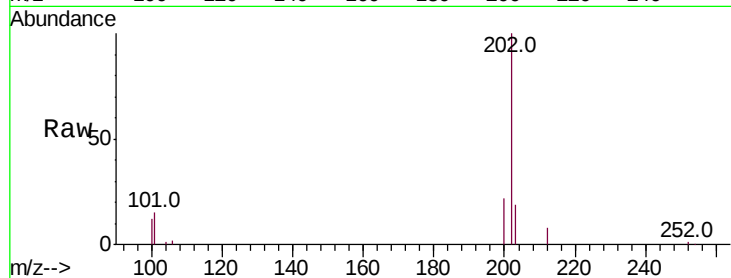
#17
Pvrene
Concen: 1.363 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN006554.D
Acq: 25 Jun 2019 04:42

Instrument :
BNA_N
ClientSampleId :
A4214

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.2
100	11.8	9.8	14.6

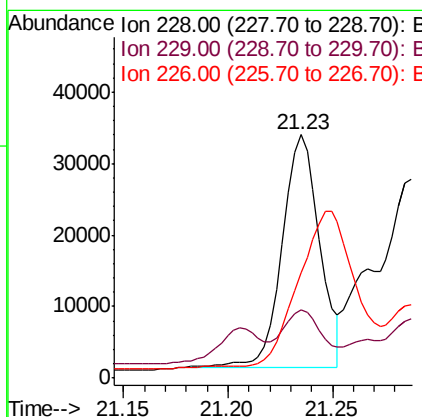
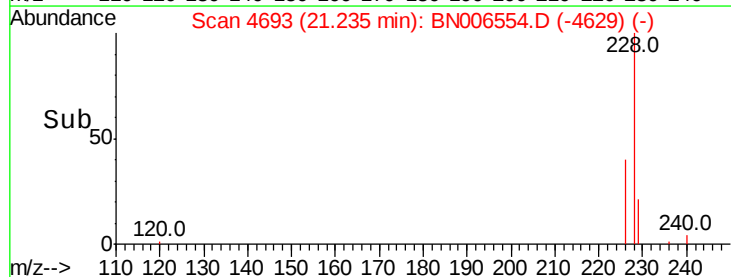
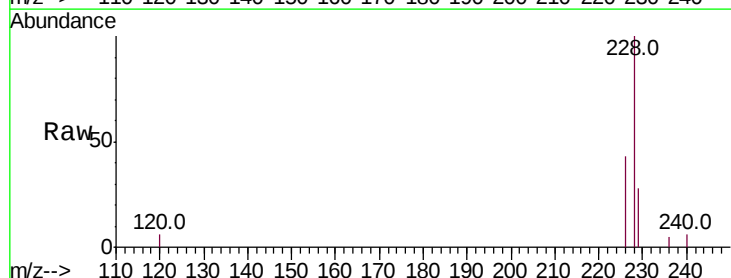
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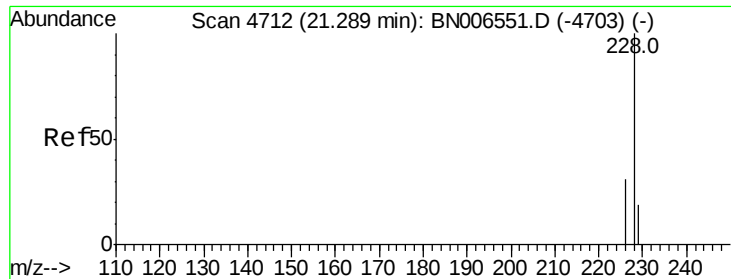
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#18
Benzo(a)anthracene
Concen: 0.829 ng/ul m
RT: 21.23 min Scan# 4693
Delta R.T. -0.01 min
Lab File: BN006554.D
Acq: 25 Jun 2019 04:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.1	16.5	24.7#
226	43.1	22.8	34.2#





#19

Chrysene

Concen: 1.086 ng/ul m

RT: 21.29 min Scan# 4711

Delta R.T. -0.01 min

Lab File: BN006554.D

Acq: 25 Jun 2019 04:42

Instrument :

BNA_N

ClientSampleId :

A4214

Tot Ion:228 Resp: 49578

Ion Ratio Lower Upper

228 100

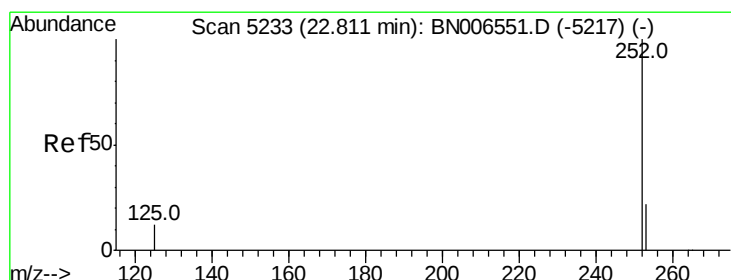
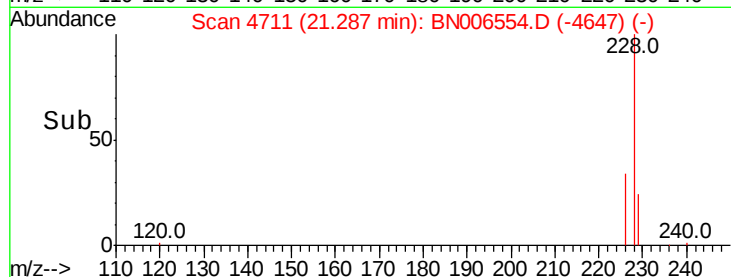
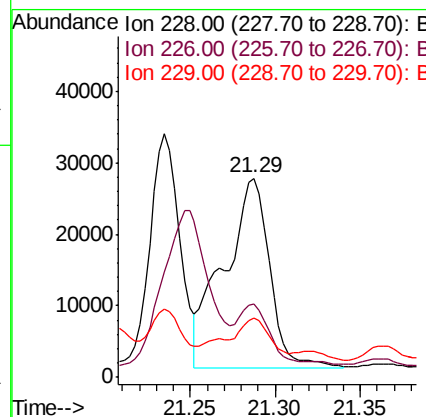
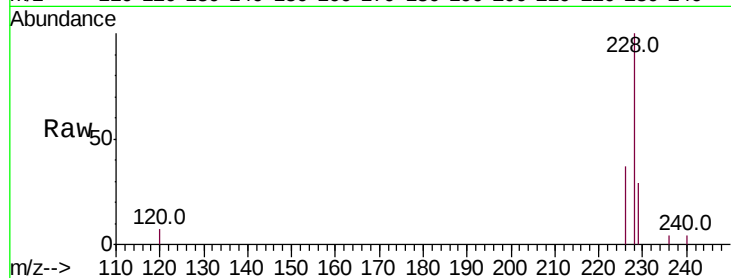
226 36.8 25.0 37.6

229 29.5 16.3 24.5#

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#21

Benzo(b)fluoranthene

Concen: 3.792 ng/ul m

RT: 22.82 min Scan# 5234

Delta R.T. -0.02 min

Lab File: BN006554.D

Acq: 25 Jun 2019 04:42

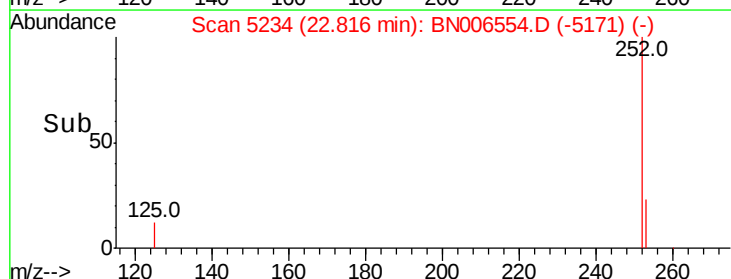
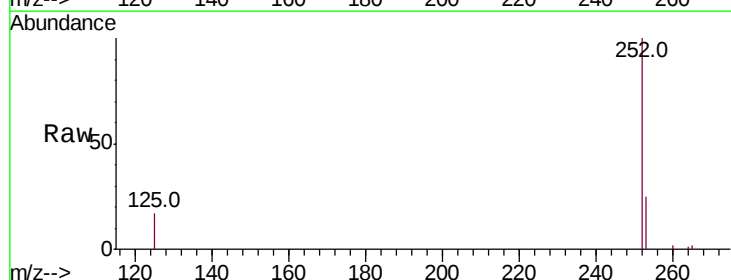
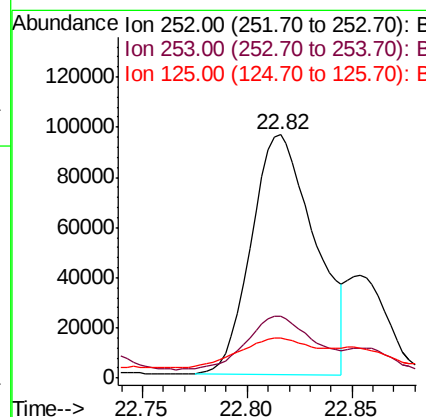
Tgt Ion:252 Resp: 202289

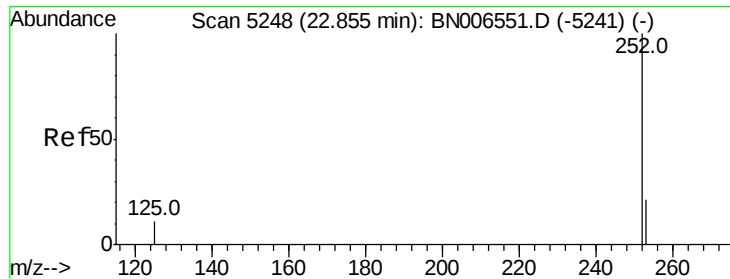
Ion Ratio Lower Upper

252 100

253 25.3 0.0 51.4

125 16.5 0.0 41.0





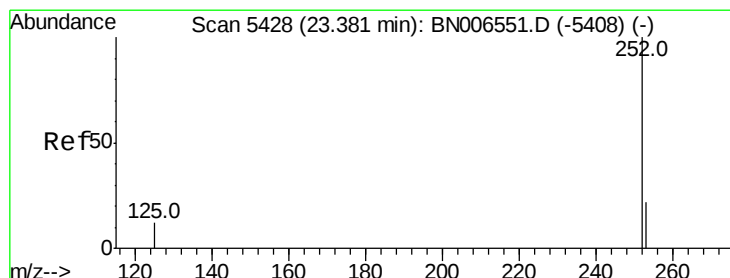
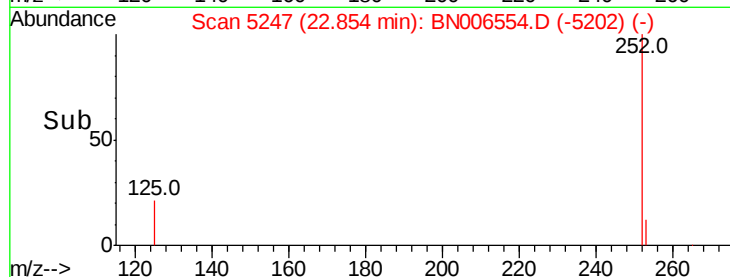
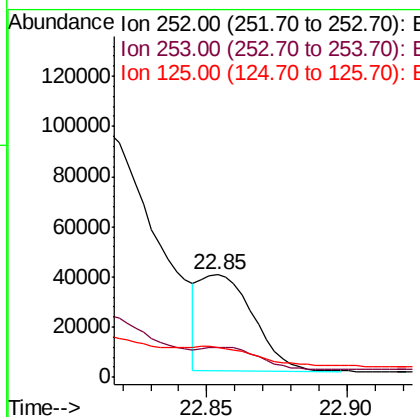
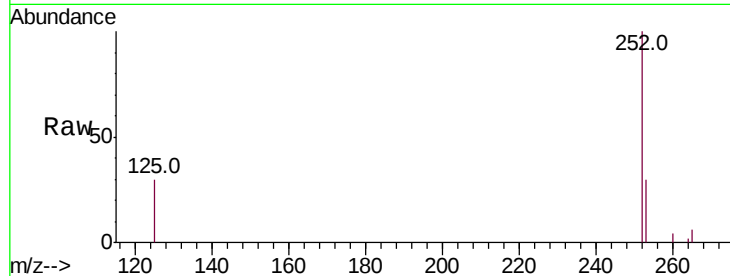
#22
Benzo(k)fluoranthene
Concen: 0.975 ng/ul m
RT: 22.85 min Scan# 5247
Delta R.T. -0.02 min
Lab File: BN006554.D
Acq: 25 Jun 2019 04:42

Instrument :
BNA_N
ClientSampleId :
A4214

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	20.3	30.5
125	29.7	14.3	21.5#

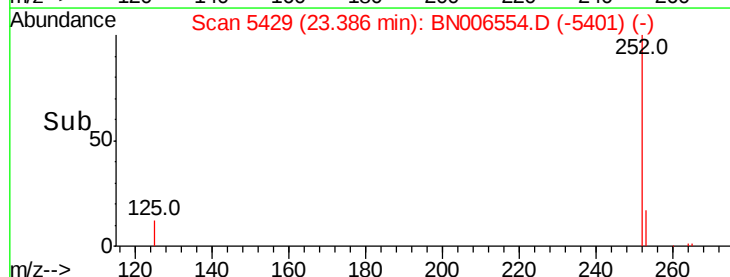
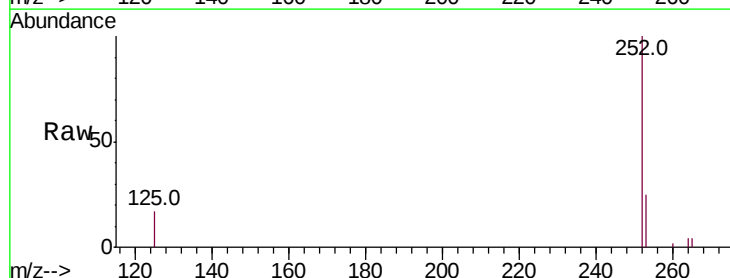
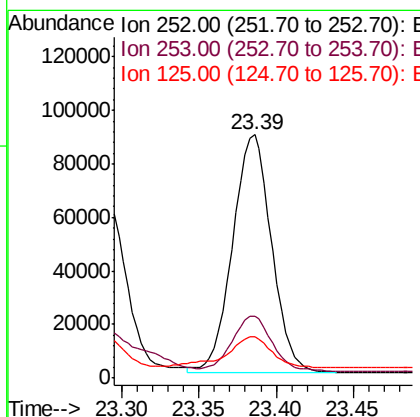
Manual Integrations
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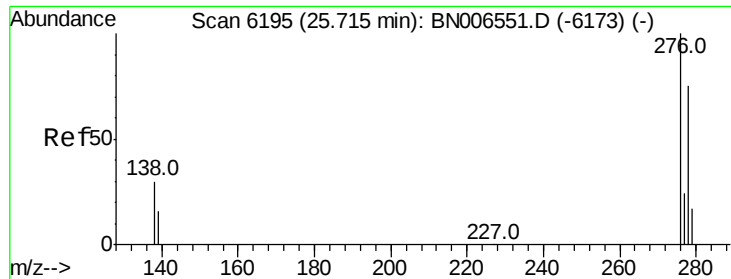
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#23
Benzo(a)pyrene
Concen: 3.109 ng/ul m
RT: 23.39 min Scan# 5429
Delta R.T. -0.02 min
Lab File: BN006554.D
Acq: 25 Jun 2019 04:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.1	31.7
125	17.1	20.3	30.5#





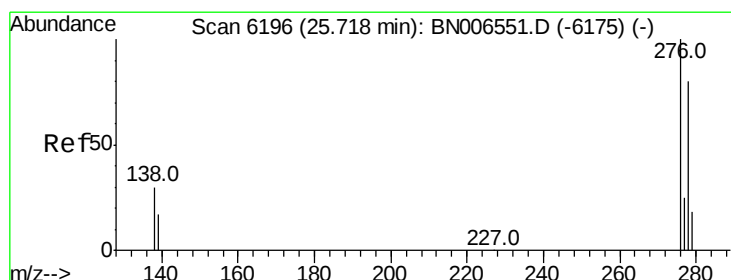
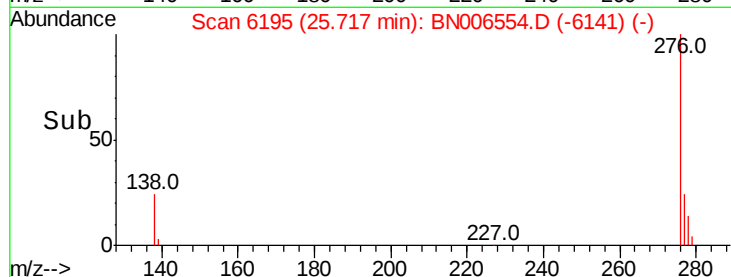
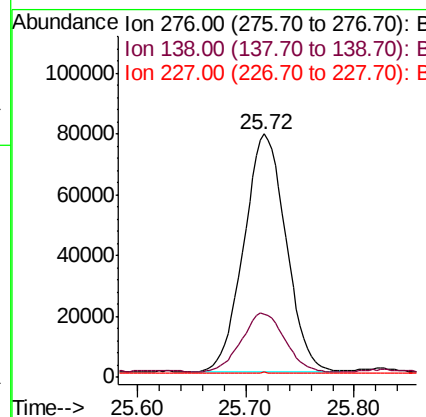
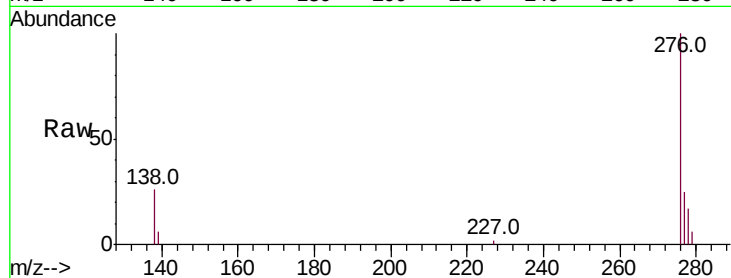
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.959 ng/ul m
 RT: 25.72 min Scan# 6195
 Delta R.T. -0.02 min
 Lab File: BN006554.D
 Acq: 25 Jun 2019 04:42

Instrument :
 BNA_N
 ClientSampled :
 A4214

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.8	25.6	38.4#
227	0.1	0.3	0.5#

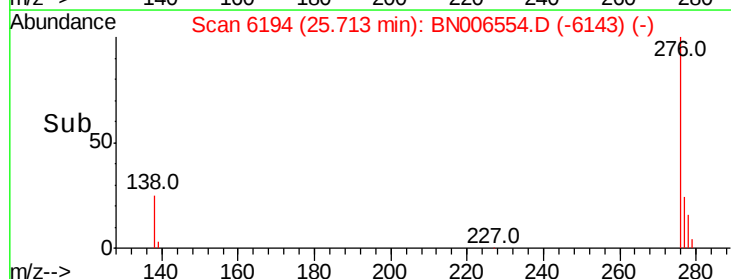
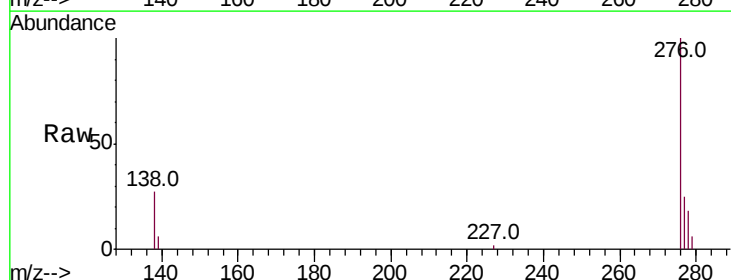
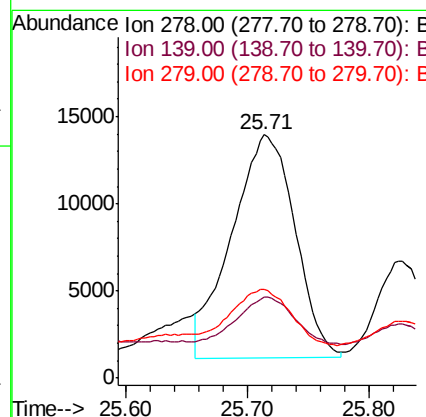
Manual Integrations
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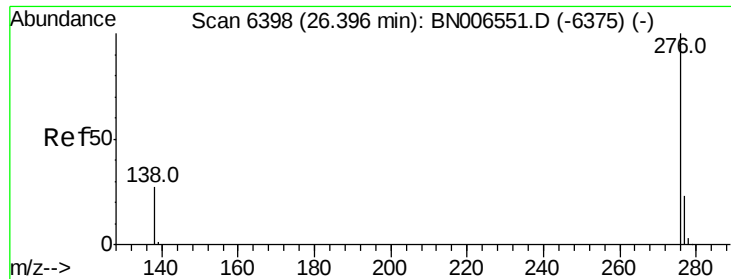
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.083 ng/ul m
 RT: 25.71 min Scan# 6194
 Delta R.T. -0.03 min
 Lab File: BN006554.D
 Acq: 25 Jun 2019 04:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.1	21.2	31.8#
279	36.3	22.6	33.8#





#26
Benzo(a,h,i)perylene
Concen: 5.235 ng/ul
RT: 26.40 min Scan# 6400
Delta R.T. -0.02 min
Lab File: BN006554.D
Acq: 25 Jun 2019 04:42

Instrument :
BNA_N
ClientSampleId :
A4214

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	27.3	24.2	36.4
277	24.7	21.5	32.3

Manual Integrations
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