

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003134.D
 Acq On : 12 Oct 2018 09:31
 Operator : MJ/SJ
 Sample : J5234-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK8

Manual Integrations
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Quant Time: Oct 12 13:17:39 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 : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1841	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	7911	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	5066	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	8900m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7645m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5666m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3085	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	8290m	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	14171	0.698	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	33554	2.401	ng/ul	97
7) Acenaphthylene	13.98	152	3205	0.138	ng/ul#	48
8) Acenaphthene	14.32	153	5363	0.305	ng/ul	96
9) Fluorene	15.31	166	29392	1.459	ng/ul	99
12) Phenanthrene	17.05	178	58375	2.353	ng/ul	97
13) Anthracene	17.15	178	16018m	0.684	ng/ul	
15) Fluoranthene	19.08	202	32116m	1.103	ng/ul	
17) Pyrene	19.45	202	37256	1.255	ng/ul	99
18) Benzo(a)anthracene	21.21	228	7089m	0.288	ng/ul	
19) Chrysene	21.26	228	11249m	0.450	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	7994m	0.392	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2411m	0.114	ng/ul	
23) Benzo(a)pyrene	23.34	252	5122m	0.280	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	3288m	0.156	ng/ul	
26) Benzo(a,h,i)perylene	26.33	276	3118m	0.176	ng/ul	

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

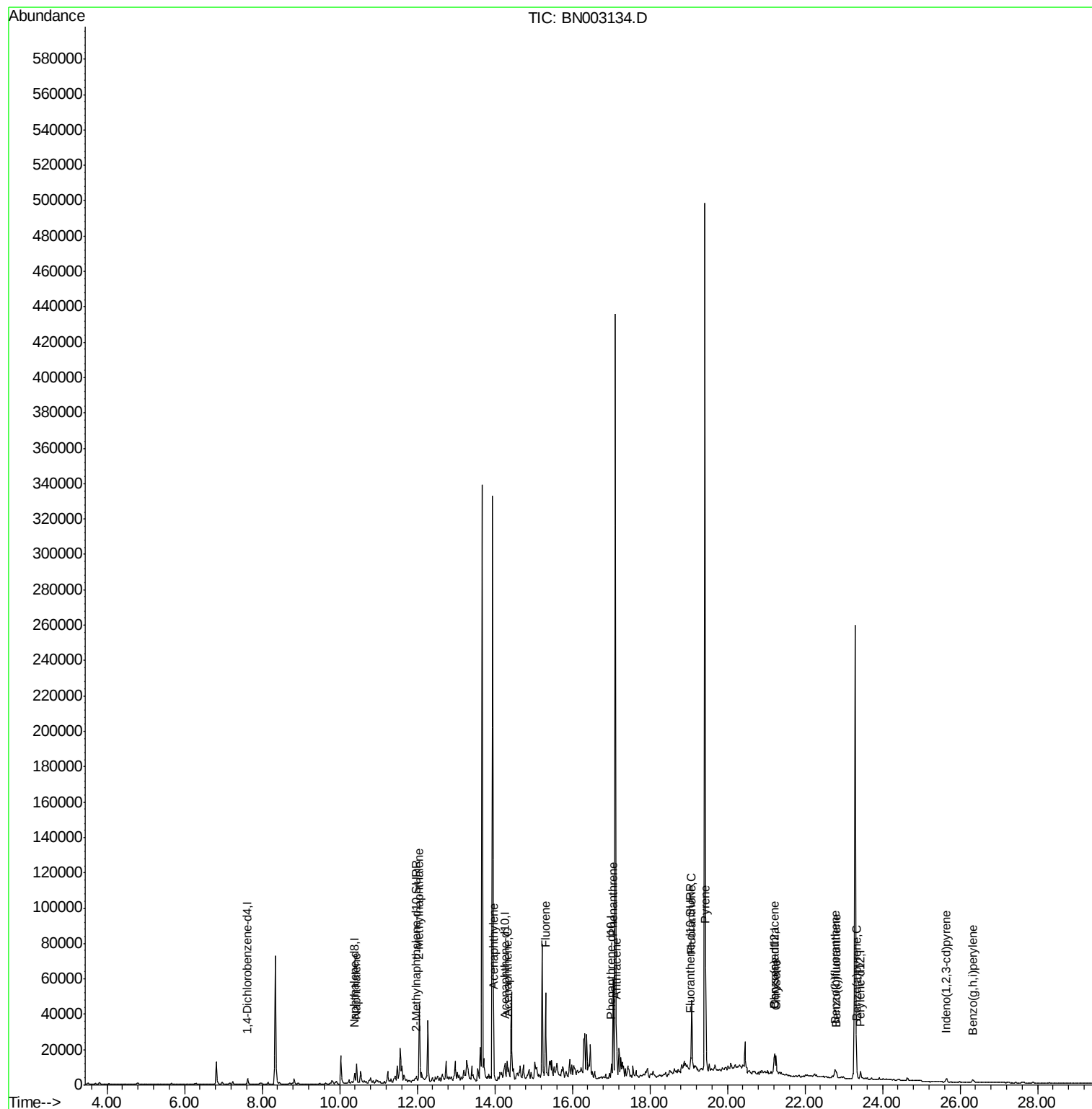
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
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Sample : J5234-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

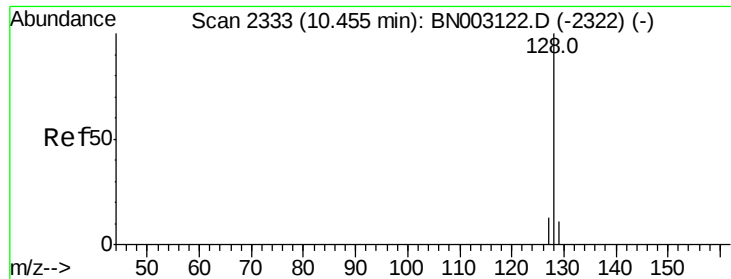
Instrument :
BNA_N
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C0AK8

Quant Time: Oct 12 13:17:39 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 : Fri Oct 12 07:27:48 2018
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#3

Naphthalene

Concen: 0.698 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Instrument :

BNA_N

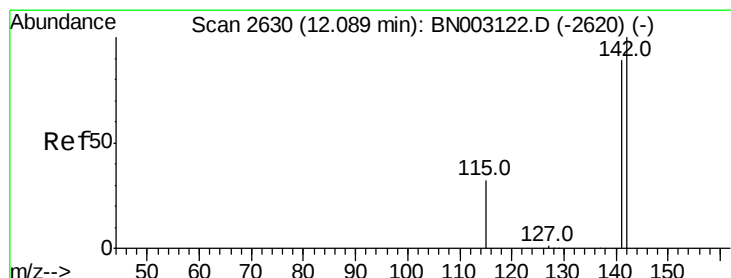
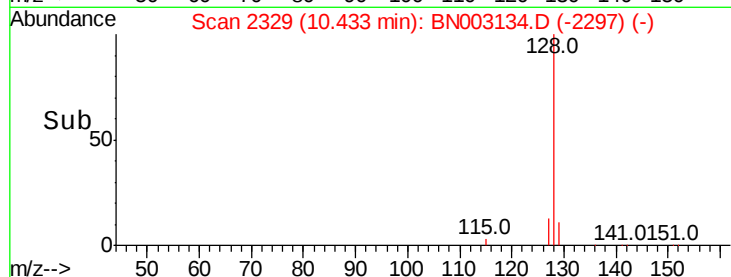
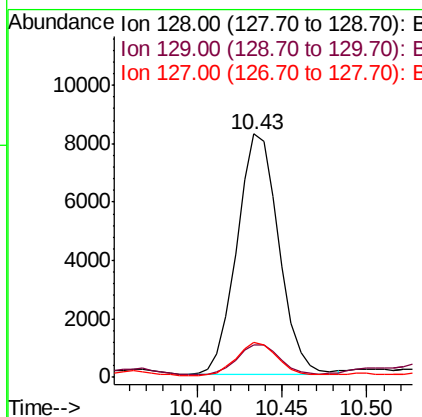
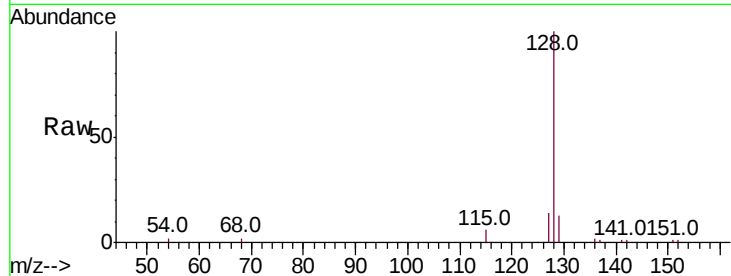
ClientSampleId :

C0AK8

Tot Ion:	128	Resp:	14171
Ion Ratio	Lower	Upper	
128	100		
129	13.4	10.4	15.6
127	14.2	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 2.401 ng/ul

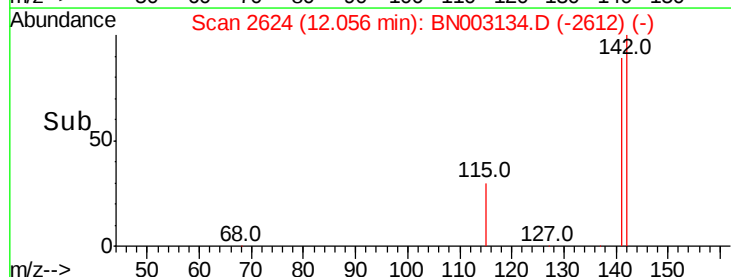
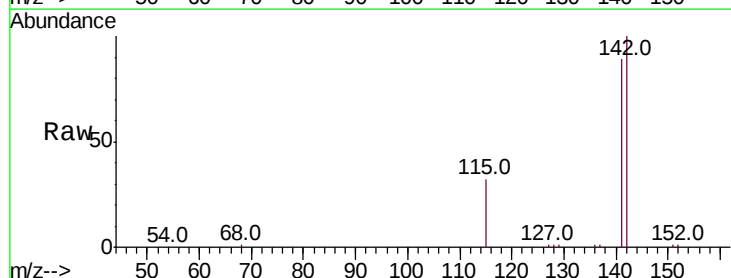
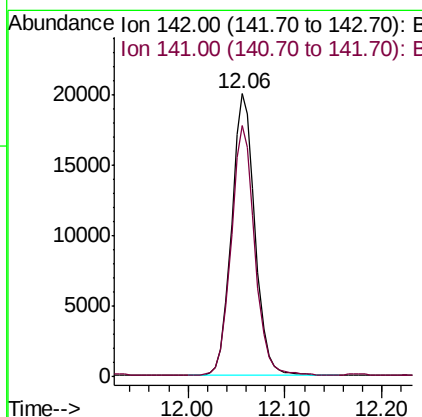
RT: 12.06 min Scan# 2624

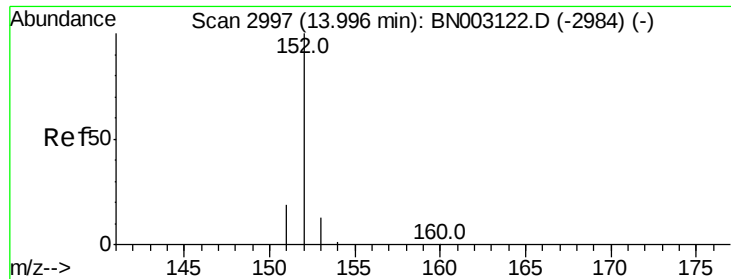
Delta R.T. -0.03 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Tgt Ion:	142	Resp:	33554
Ion Ratio	Lower	Upper	
142	100		
141	89.2	73.4	110.0





#7

Acenaphthylene

Concen: 0.138 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Instrument :

BNA_N

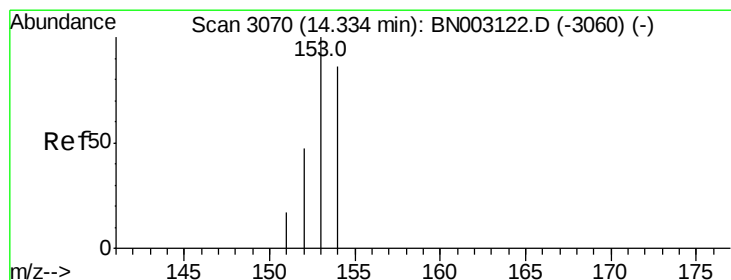
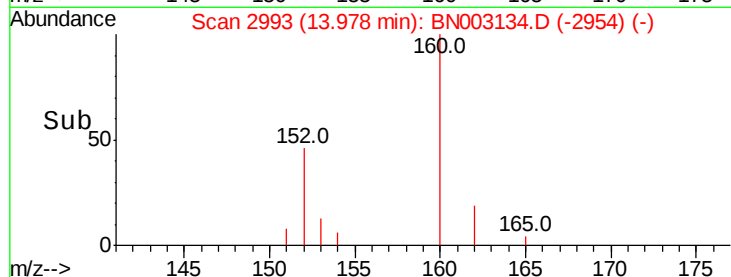
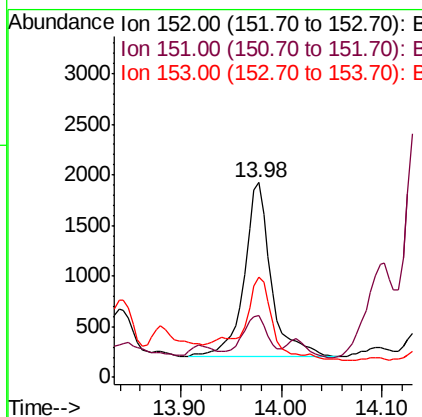
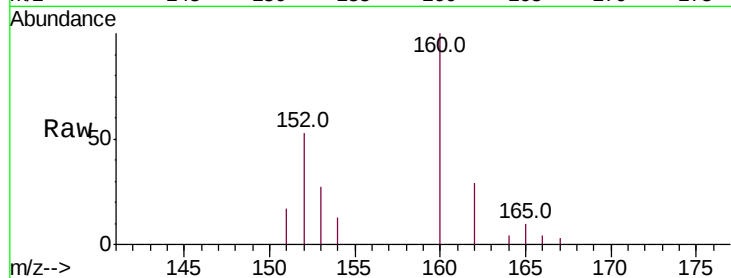
ClientSampleId :

C0AK8

Tot Ion:	152	Resp:	3205
Ion Ratio	Lower	Upper	
152	100		
151	31.8	16.5	24.7#
153	51.6	11.4	17.2#

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#8

Acenaphthene

Concen: 0.305 ng/ul

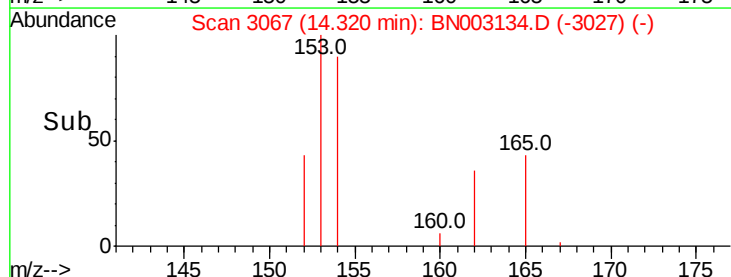
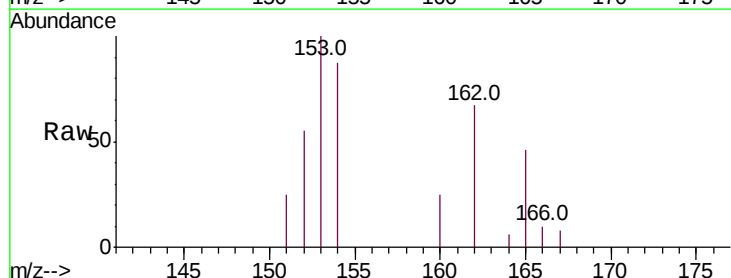
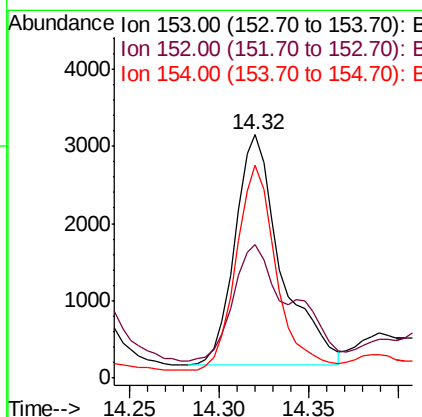
RT: 14.32 min Scan# 3067

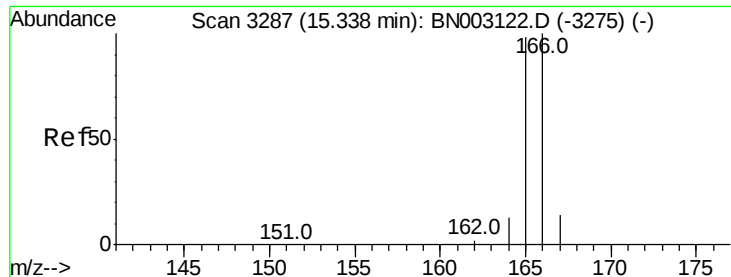
Delta R.T. -0.01 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Tgt Ion:	153	Resp:	5363
Ion Ratio	Lower	Upper	
153	100		
152	54.6	38.2	57.4
154	87.2	70.2	105.2





#9

Fluorene

Concen: 1.459 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.02 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Instrument :

BNA_N

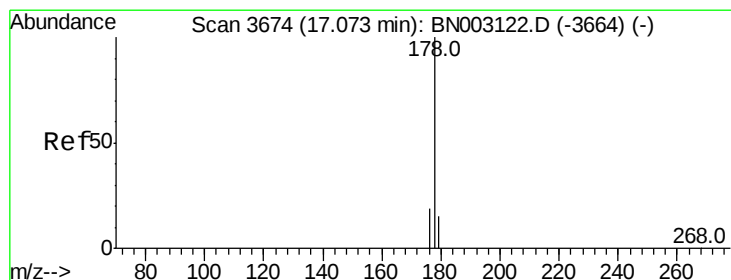
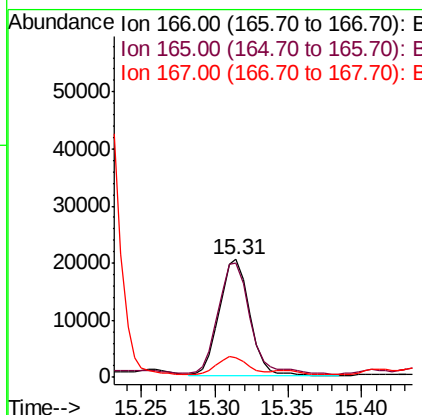
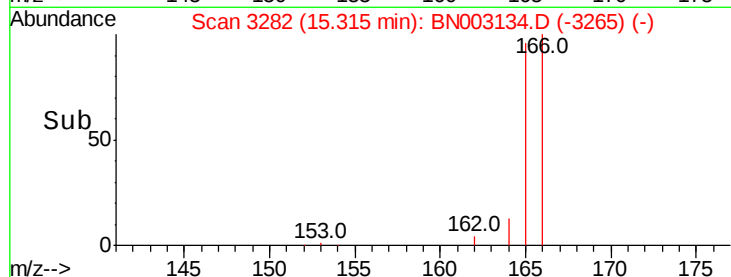
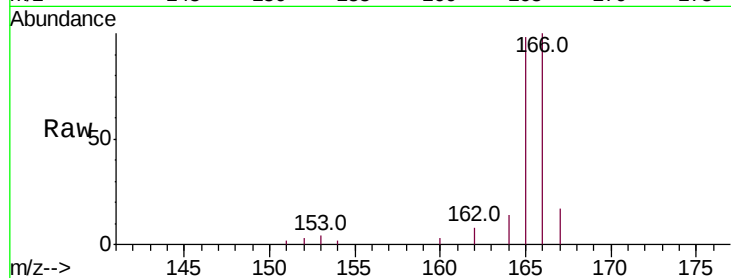
ClientSampleId :

C0AK8

Tot Ion:	166	Resp:	29392
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.5	117.7
167	16.9	11.6	17.4

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#12

Phenanthrene

Concen: 2.353 ng/ul

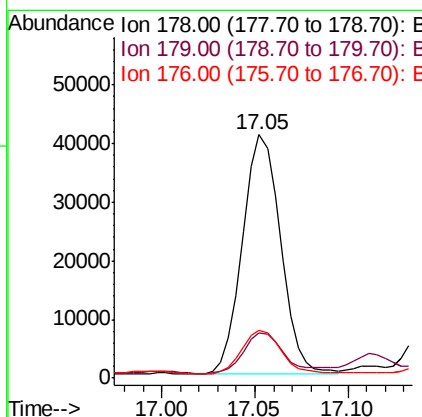
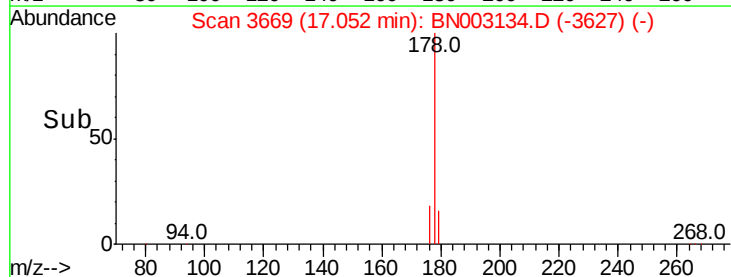
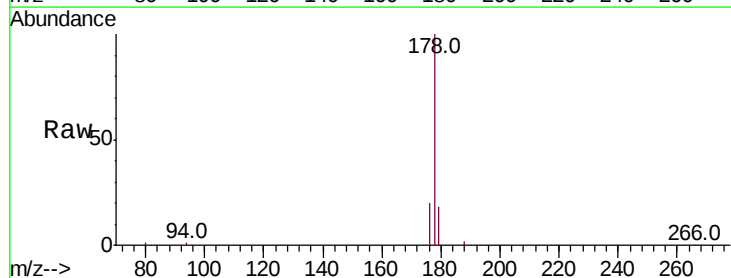
RT: 17.05 min Scan# 3669

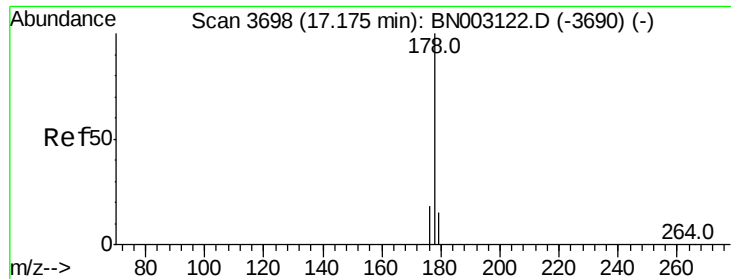
Delta R.T. -0.02 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Tgt Ion:	178	Resp:	58375
Ion Ratio	Lower	Upper	
178	100		
179	18.4	12.9	19.3
176	19.9	15.4	23.2





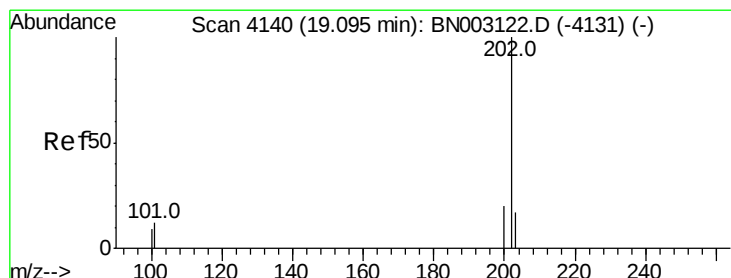
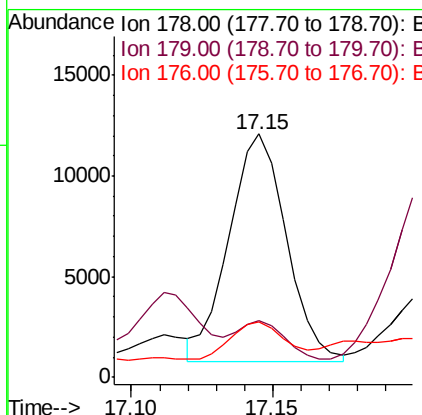
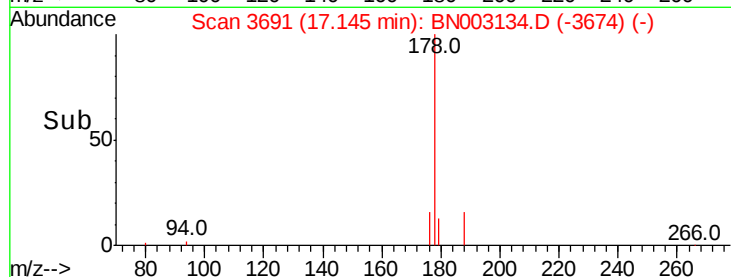
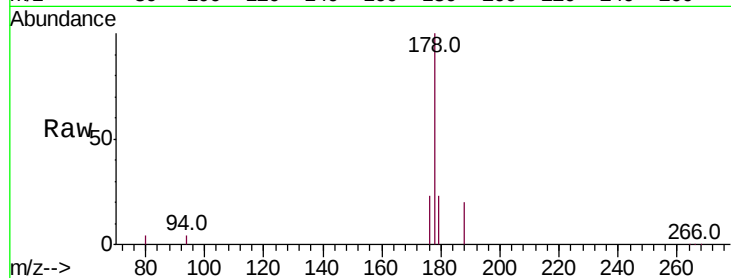
#13
 Anthracene
 Concen: 0.684 ng/ul m
 RT: 17.15 min Scan# 3691
 Delta R.T. -0.03 min
 Lab File: BN003134.D
 Acq: 12 Oct 2018 09:31

Instrument :
 BNA_N
 ClientSampleId :
 C0AK8

Tot Ion:178 Resp: 16018
 Ion Ratio Lower Upper
 178 100
 179 23.4 13.0 19.6#
 176 22.7 15.3 22.9

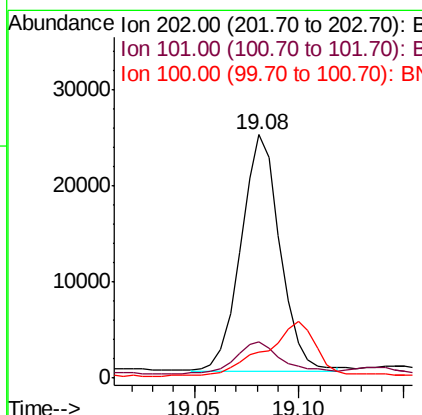
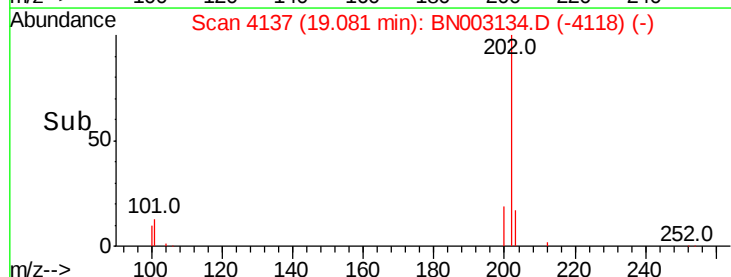
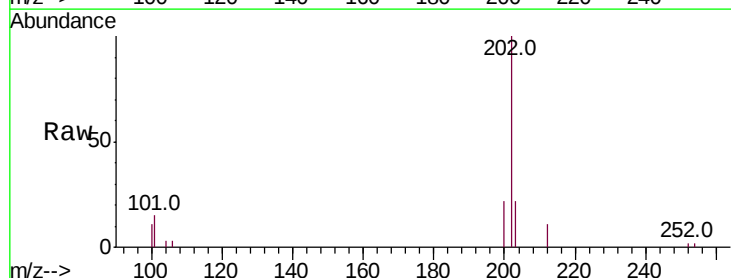
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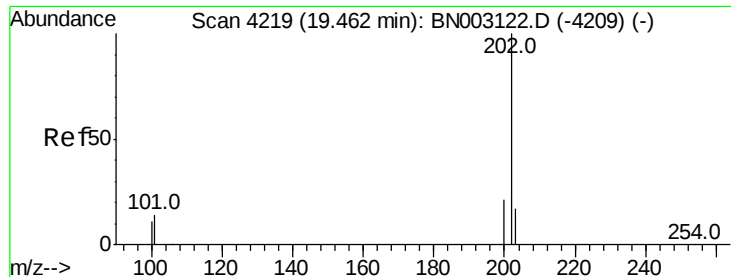
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#15
 Fluoranthene
 Concen: 1.103 ng/ul m
 RT: 19.08 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN003134.D
 Acq: 12 Oct 2018 09:31

Tgt Ion:202 Resp: 32116
 Ion Ratio Lower Upper
 202 100
 101 15.1 0.0 32.3
 100 10.8 0.0 29.1





#17

Pvrene

Concen: 1.255 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Instrument :

BNA_N

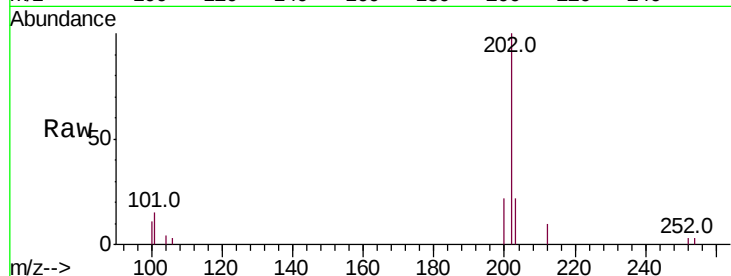
ClientSampled :

C0AK8

Tot Ion:	202	Resp:	37256
Ion Ratio	Lower	Upper	
202	100		
101	14.9	11.9	17.9
100	11.2	9.9	14.9

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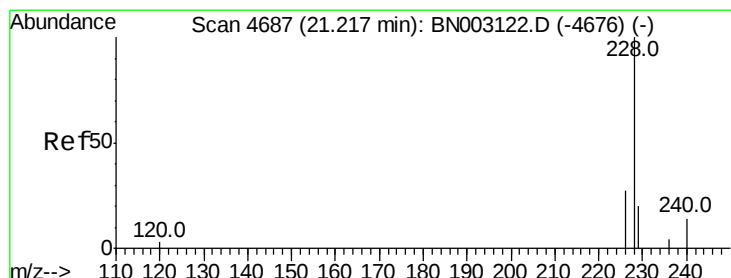
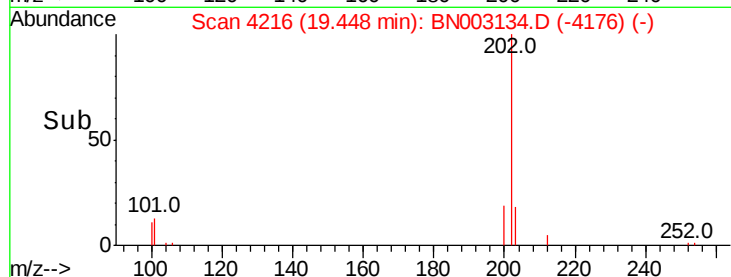
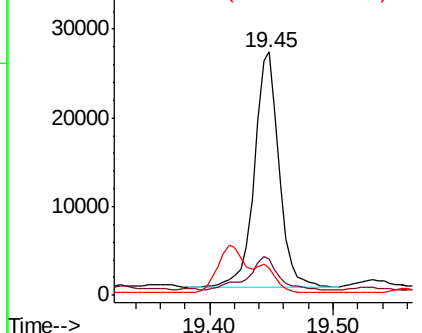
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.288 ng/ul m

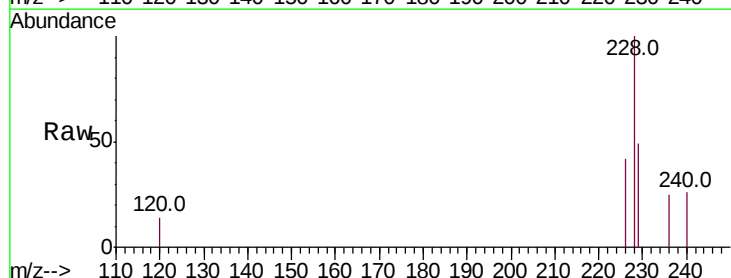
RT: 21.21 min Scan# 4683

Delta R.T. -0.01 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

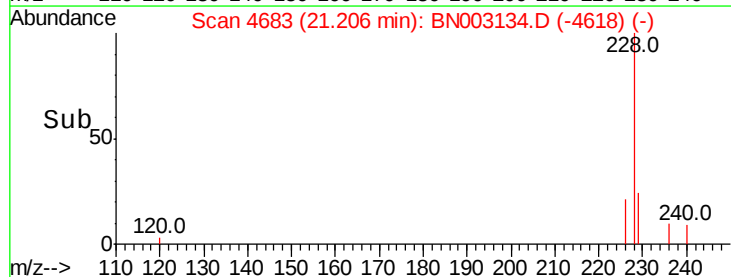
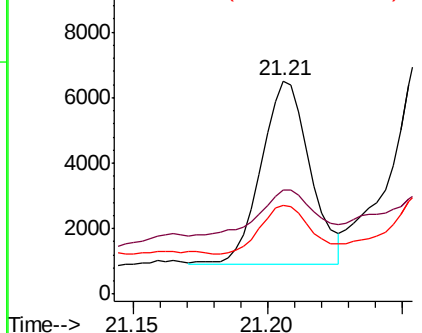
Tgt Ion:	228	Resp:	7089
Ion Ratio	Lower	Upper	
228	100		
229	48.7	16.2	24.2#
226	41.9	22.3	33.5#

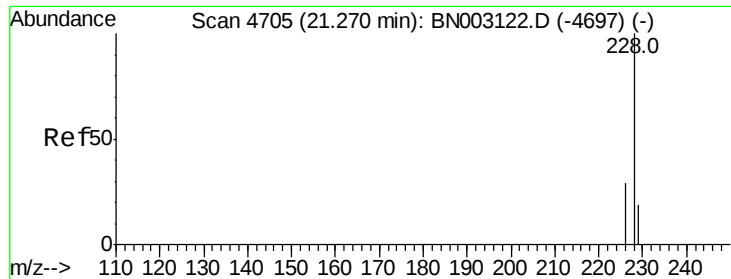


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.450 ng/ul m

RT: 21.26 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Instrument :

BNA_N

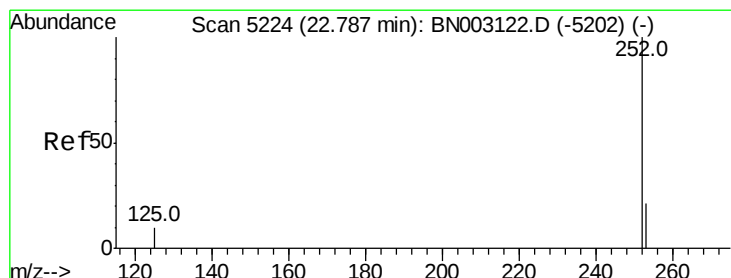
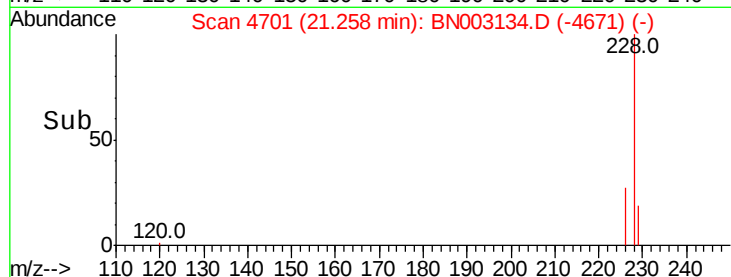
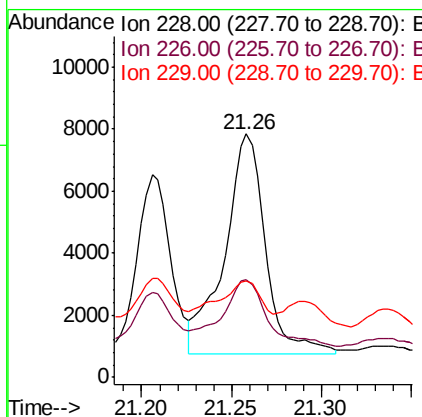
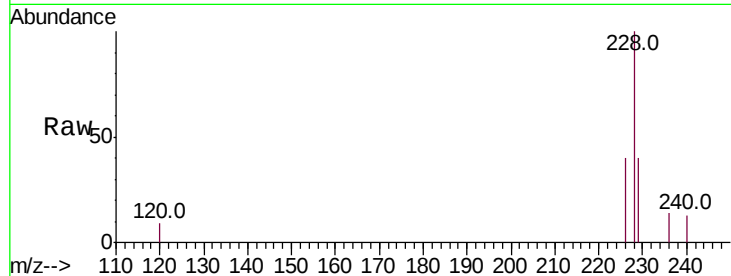
ClientSampleId :

C0AK8

Tot Ion:228	Resp:	11249
Ion Ratio	Lower	Upper
228	100	
226	40.3	24.2 36.4#
229	39.6	16.7 25.1#

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#21

Benzo(b)fluoranthene

Concen: 0.392 ng/ul m

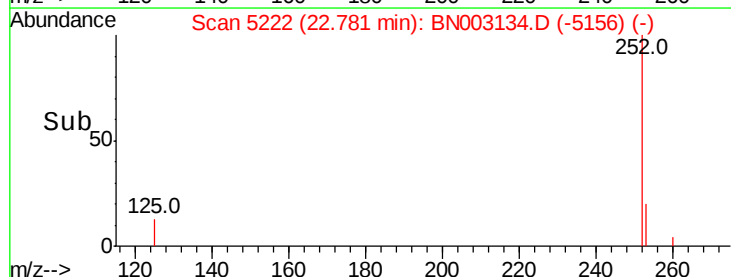
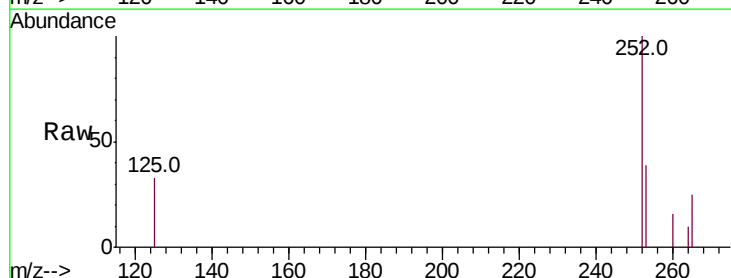
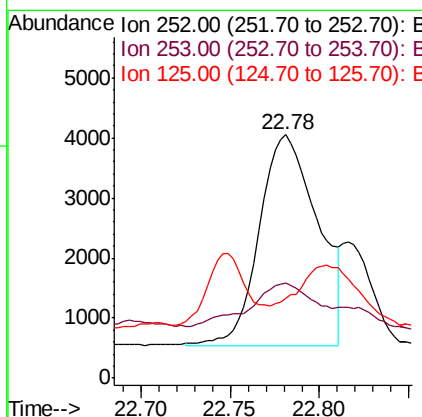
RT: 22.78 min Scan# 5222

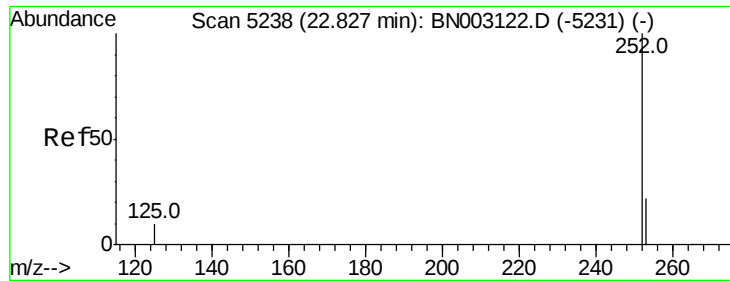
Delta R.T. -0.01 min

Lab File: BN003134.D

Acq: 12 Oct 2018 09:31

Tgt Ion:252	Resp:	7994
Ion Ratio	Lower	Upper
252	100	
253	39.2	0.0 53.2
125	32.6	0.0 34.2





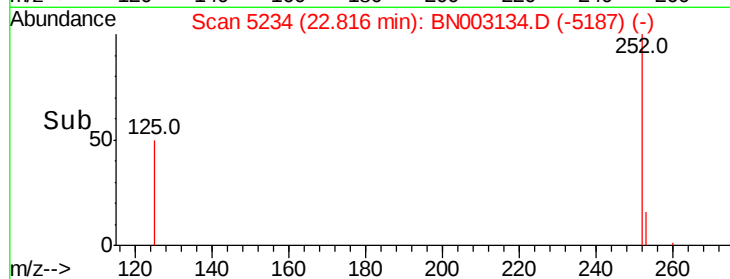
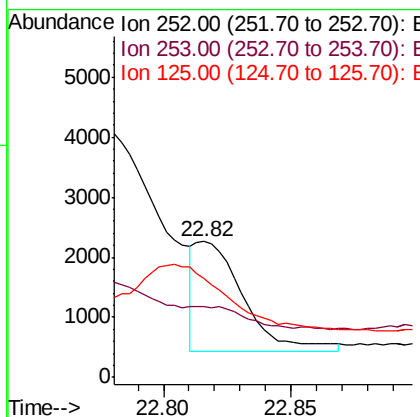
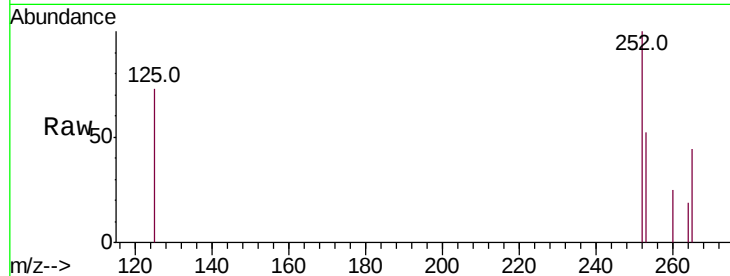
#22
Benzo(k)fluoranthene
Concen: 0.114 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN003134.D
Acq: 12 Oct 2018 09:31

Instrument :
BNA_N
ClientSampleId :
C0AK8

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.9	21.3	31.9#
125	73.3	14.1	21.1#

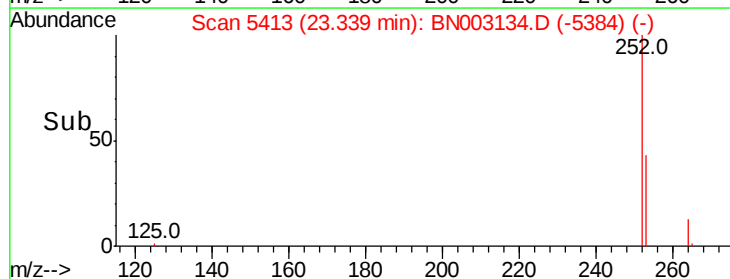
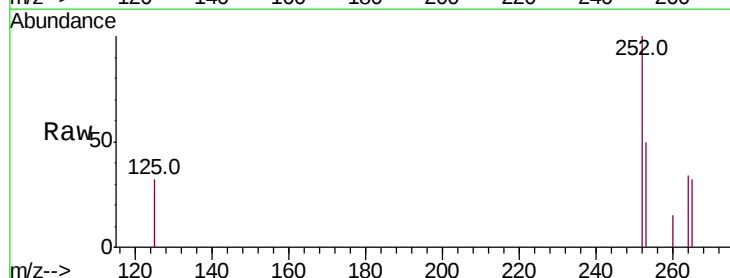
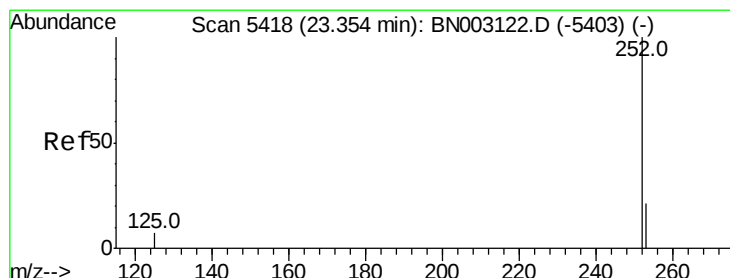
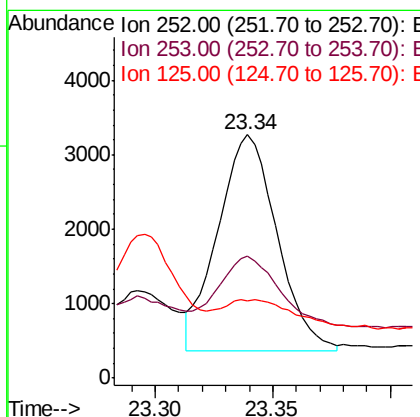
Manual Integrations
APPROVED

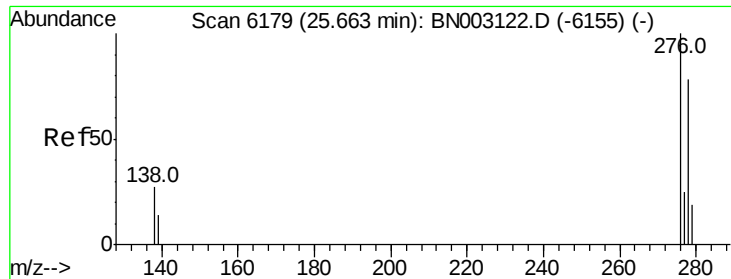
Sohil
10/12/2018 6:38:46 PM



#23
Benzo(a)pyrene
Concen: 0.280 ng/ul m
RT: 23.34 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN003134.D
Acq: 12 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.0	23.1	34.7#
125	31.8	16.9	25.3#





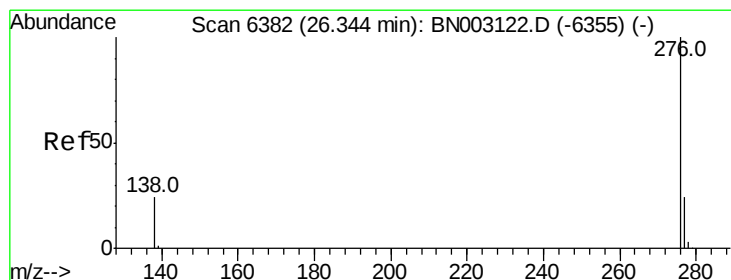
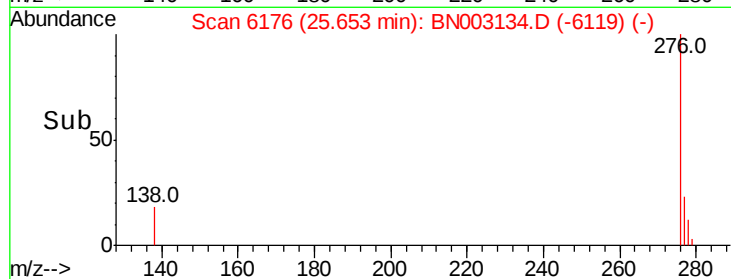
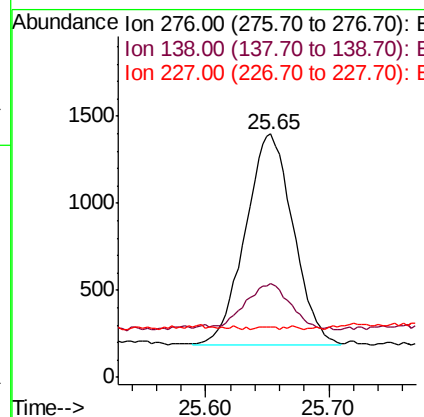
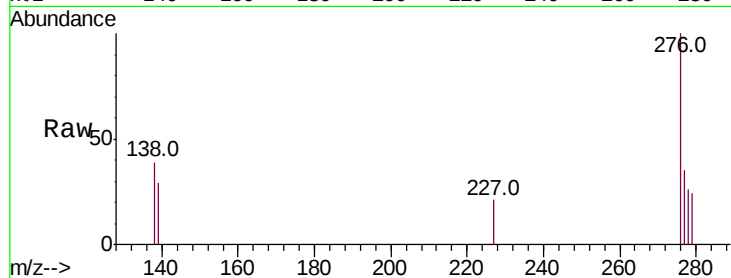
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.156 ng/ul m
 RT: 25.65 min Scan# 6176
 Delta R.T. -0.01 min
 Lab File: BN003134.D
 Acq: 12 Oct 2018 09:31

Instrument :
 BNA_N
 ClientSampleId :
 C0AK8

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

Manual Integrations
 APPROVED

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#26
 Benzo(g,h,i)perylene
 Concen: 0.176 ng/ul m
 RT: 26.33 min Scan# 6377
 Delta R.T. -0.02 min
 Lab File: BN003134.D
 Acq: 12 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.4	23.0	34.4#
277	35.0	22.0	33.0#

