

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003130.D
 Acq On : 12 Oct 2018 07:10
 Operator : MJ/SJ
 Sample : J5234-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9

Manual Integrations
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Sohil
 10/12/2018 6:38:42 PM

Quant Time: Oct 12 12:39:34 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	1915	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7626	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4856	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6699m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4894m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4575m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2873	0.24	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	5309m	0.28	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	9959	0.509	ng/ul#	96
5) 2-Methylnaphthalene	12.06	142	36111	2.681	ng/ul	97
7) Acenaphthylene	13.98	152	4873	0.219	ng/ul#	46
8) Acenaphthene	14.32	153	9015	0.535	ng/ul	98
9) Fluorene	15.31	166	40989	2.123	ng/ul	98
12) Phenanthrene	17.05	178	70252	3.762	ng/ul	97
13) Anthracene	17.15	178	22097m	1.253	ng/ul	
15) Fluoranthene	19.08	202	45695m	2.086	ng/ul	
17) Pyrene	19.45	202	54504	2.867	ng/ul	98
18) Benzo(a)anthracene	21.21	228	18693m	1.187	ng/ul	
19) Chrysene	21.26	228	18676m	1.168	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	17792m	1.080	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	6437m	0.377	ng/ul	
23) Benzo(a)pyrene	23.34	252	14500m	0.982	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	8958	0.528	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.64	278	2307m	0.170	ng/ul	
26) Benzo(a,h,i)perylene	26.32	276	8164	0.571	ng/ul	92

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

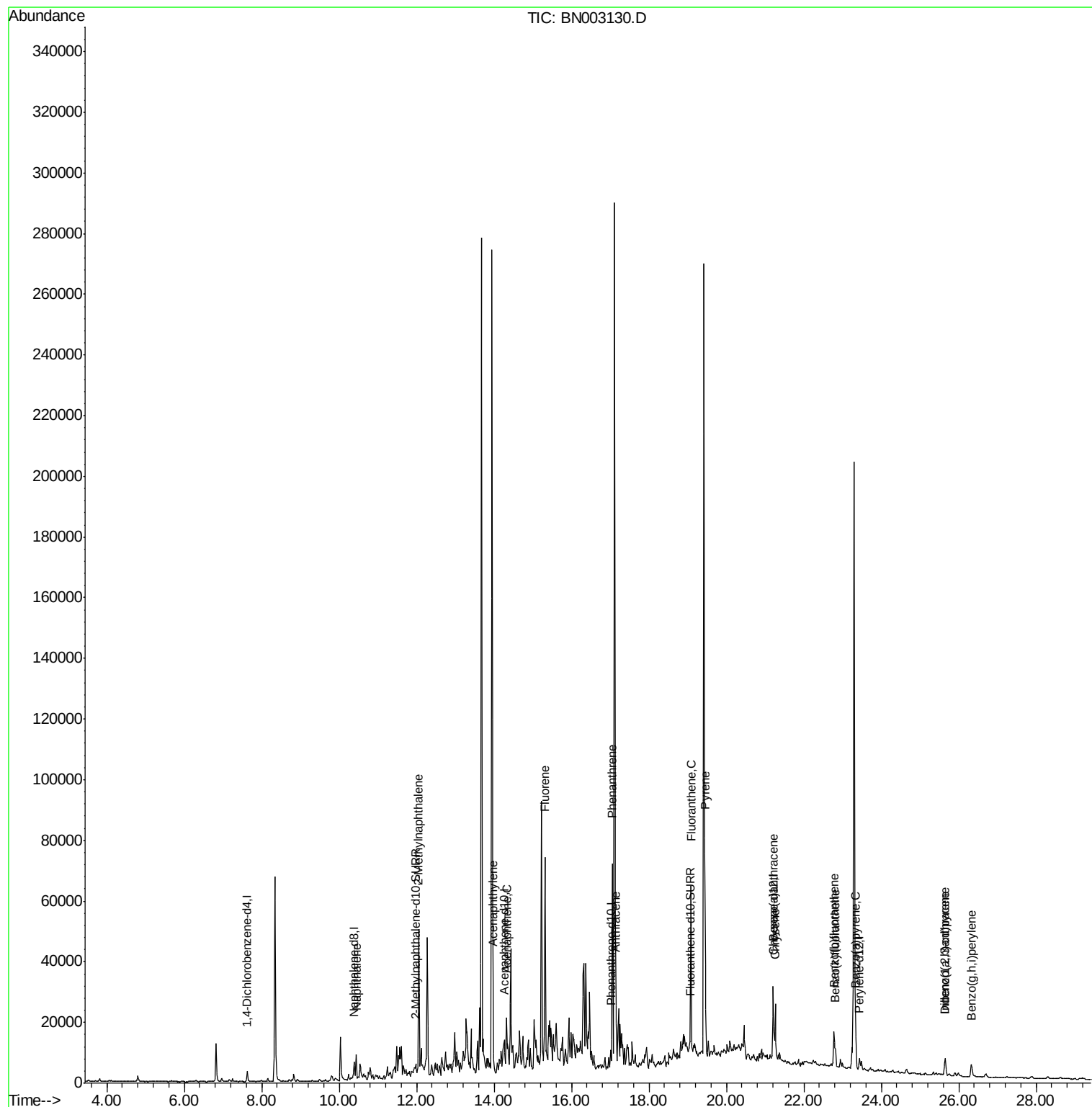
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003130.D
Acq On : 12 Oct 2018 07:10
Operator : MJ/SJ
Sample : J5234-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

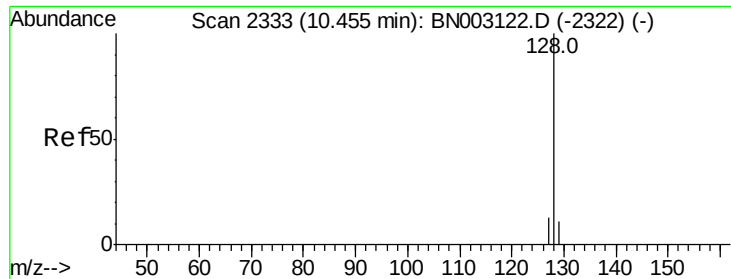
Instrument :
BNA_N
ClientSampleId :
C0AK9

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Quant Time: Oct 12 12:39:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.509 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Instrument :

BNA_N

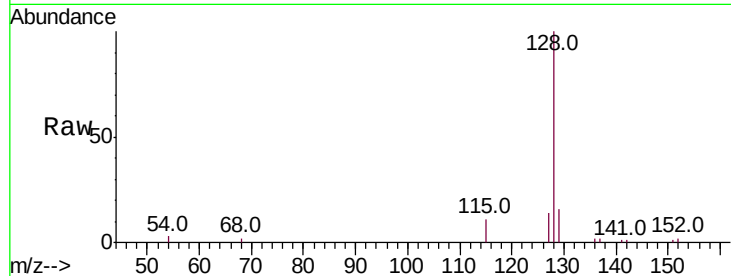
ClientSampleId :

C0AK9

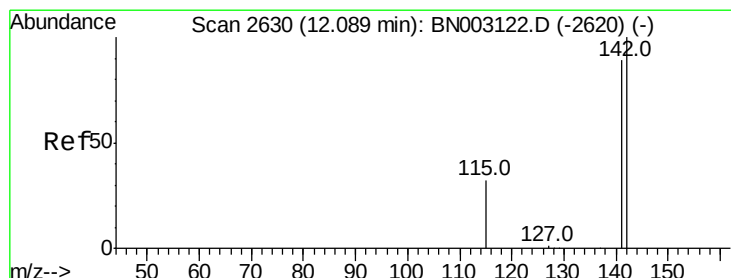
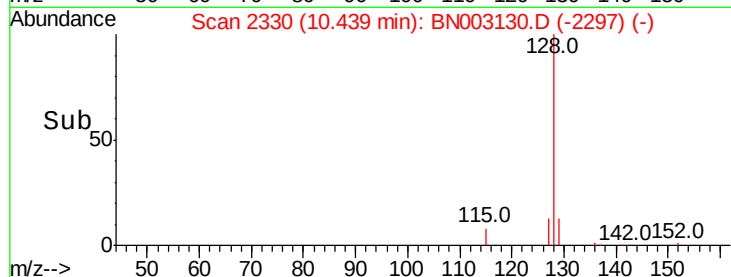
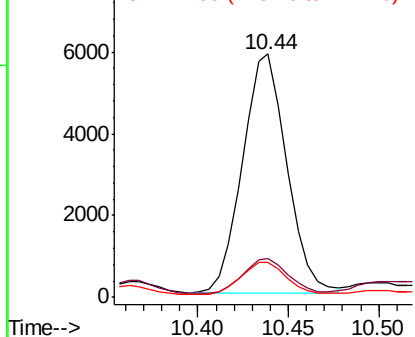
Tot Ion:128	Resp:	9959
Ion Ratio	Lower	Upper
128	100	
129	16.1	10.4 15.6#
127	14.3	11.7 17.5

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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: 2.681 ng/ul

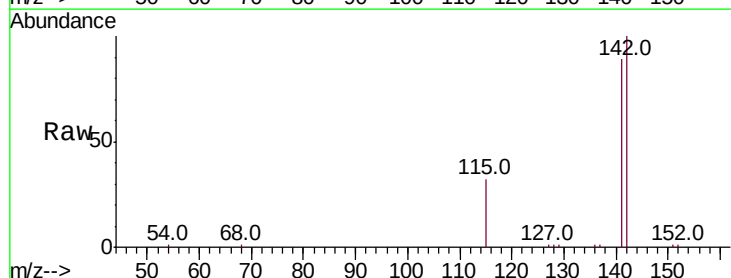
RT: 12.06 min Scan# 2624

Delta R.T. -0.03 min

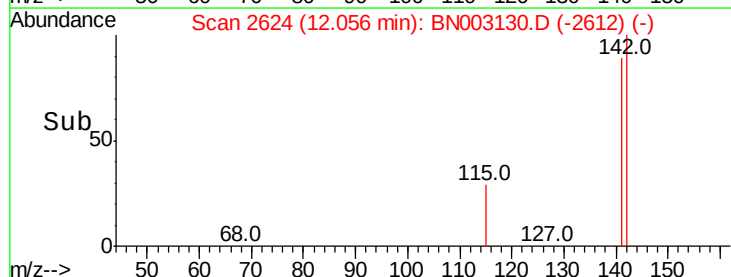
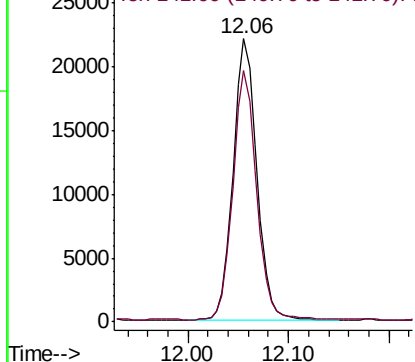
Lab File: BN003130.D

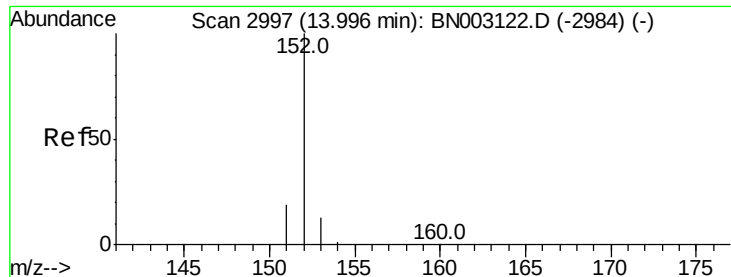
Acq: 12 Oct 2018 07:10

Tgt Ion:142	Resp:	36111
Ion Ratio	Lower	Upper
142	100	
141	89.0	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: 0.219 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Instrument :

BNA_N

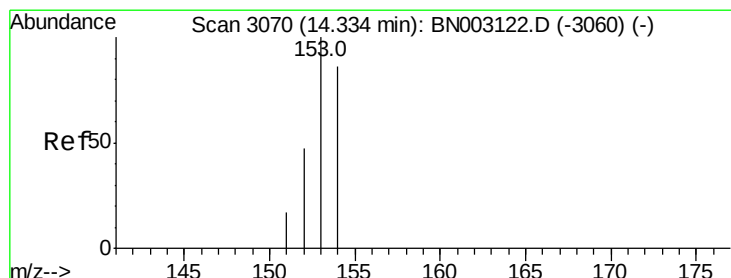
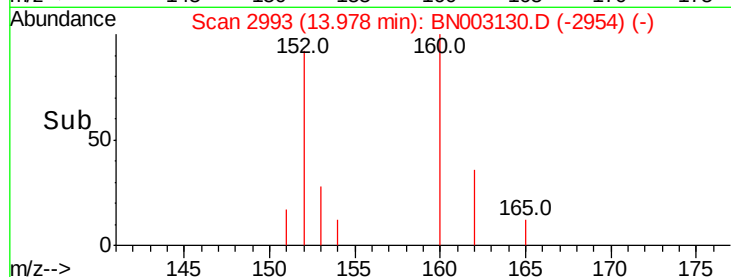
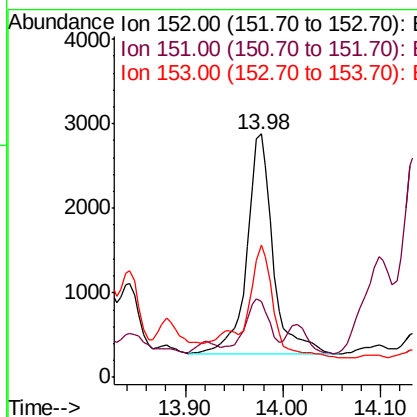
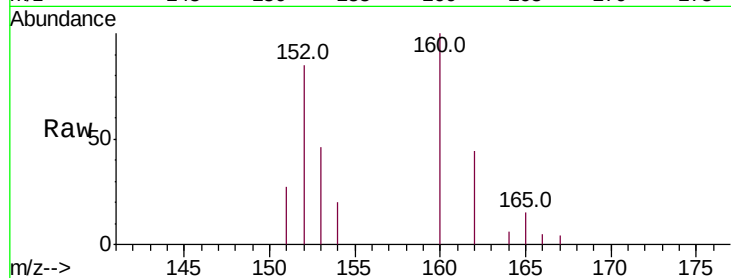
ClientSampled :

C0AK9

Tot Ion:	152	Resp:	4873
Ion Ratio	Lower	Upper	
152	100		
151	31.5	16.5	24.7#
153	54.1	11.4	17.2#

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#8

Acenaphthene

Concen: 0.535 ng/ul

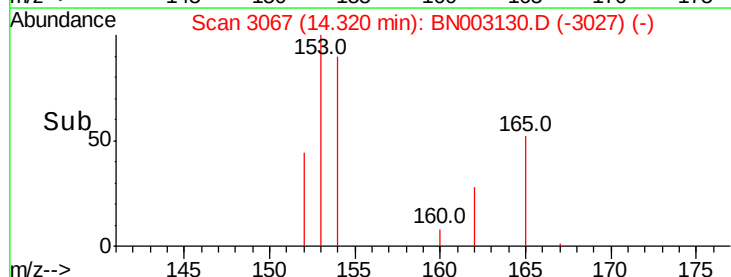
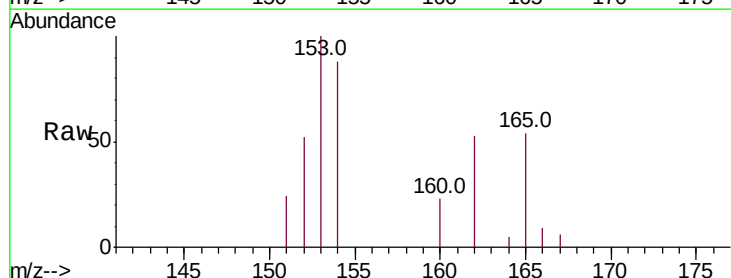
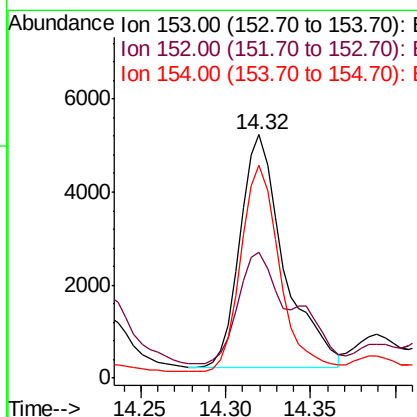
RT: 14.32 min Scan# 3067

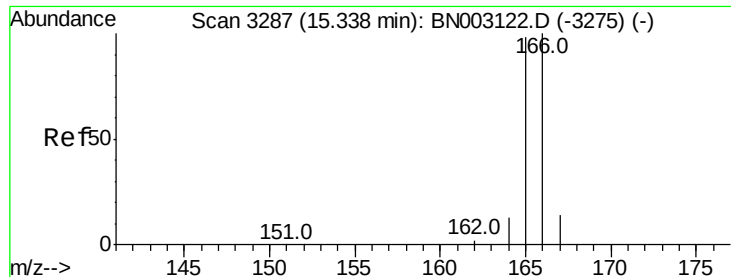
Delta R.T. -0.01 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Tgt Ion:	153	Resp:	9015
Ion Ratio	Lower	Upper	
153	100		
152	51.8	38.2	57.4
154	87.7	70.2	105.2





#9

Fluorene

Concen: 2.123 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.02 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Instrument :

BNA_N

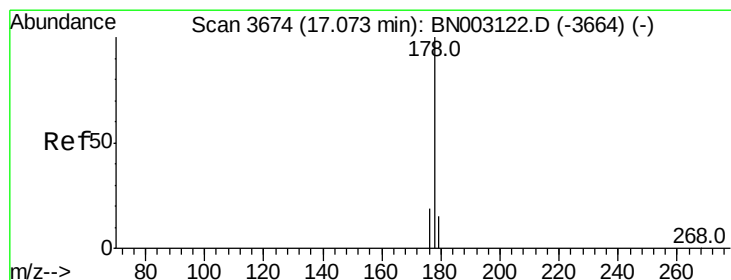
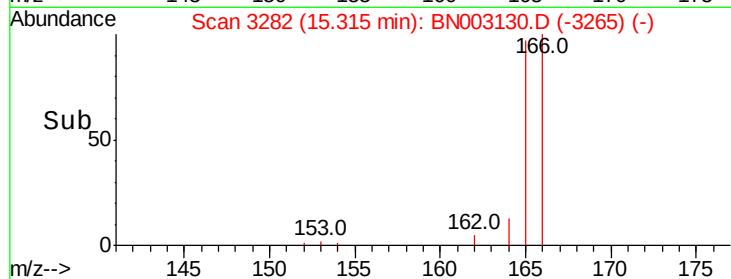
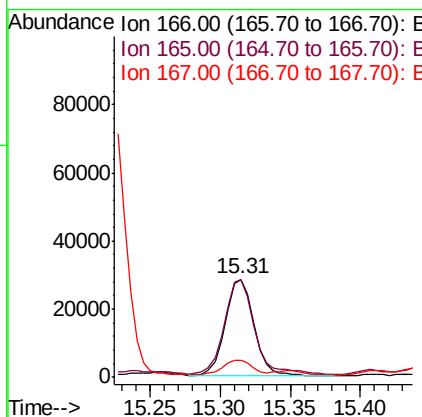
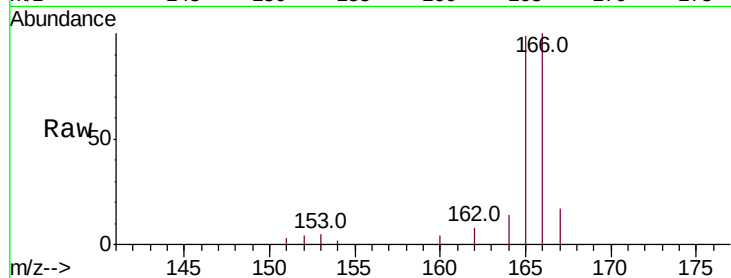
ClientSampled :

C0AK9

Tot Ion:	166	Resp:	40989
Ion Ratio	Lower	Upper	
166	100		
165	99.4	78.5	117.7
167	17.3	11.6	17.4

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#12

Phenanthrene

Concen: 3.762 ng/ul

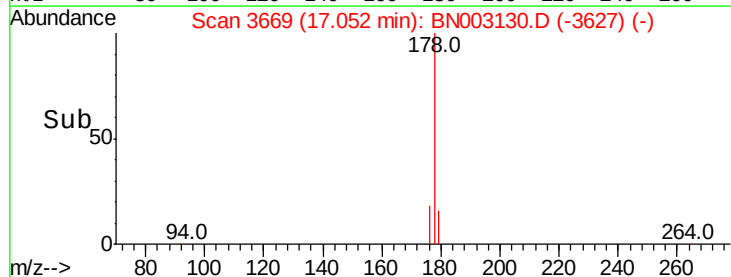
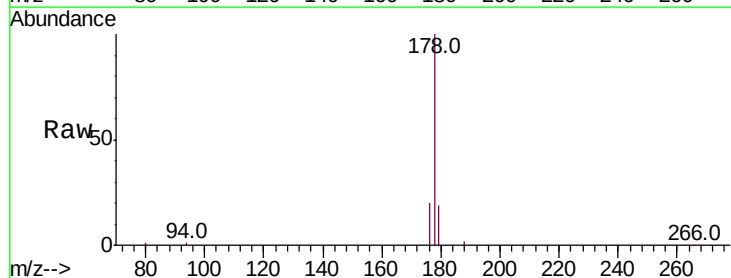
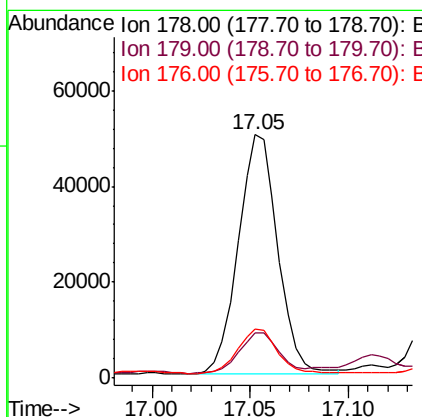
RT: 17.05 min Scan# 3669

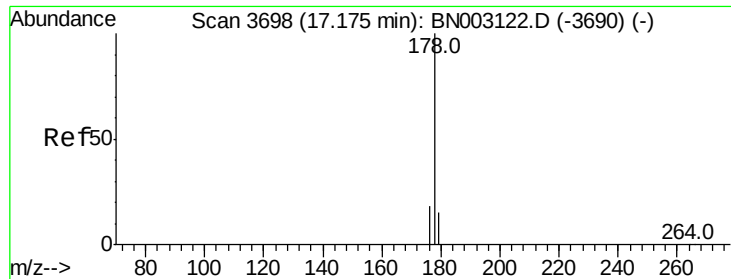
Delta R.T. -0.02 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Tgt Ion:	178	Resp:	70252
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.9	19.3
176	20.0	15.4	23.2





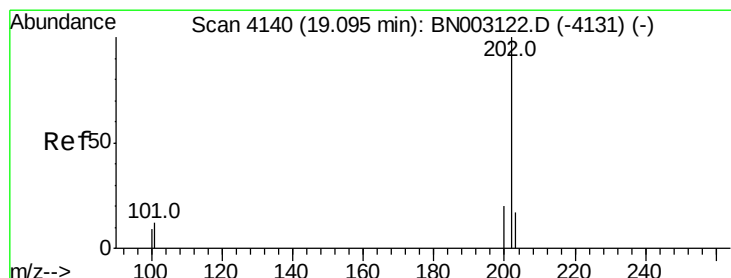
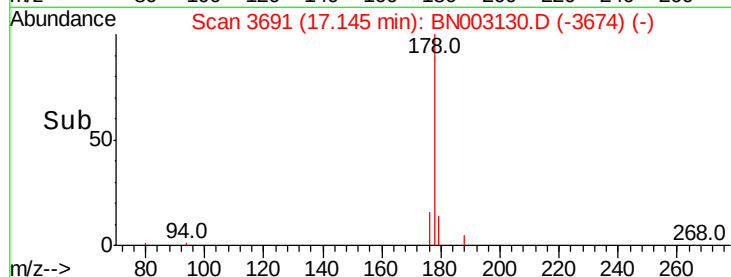
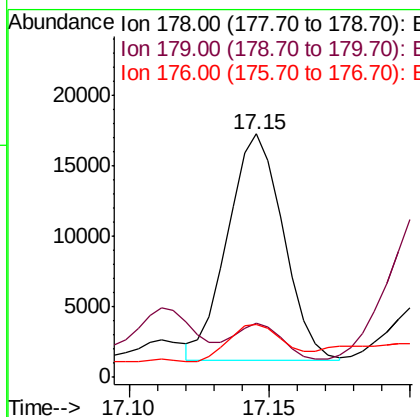
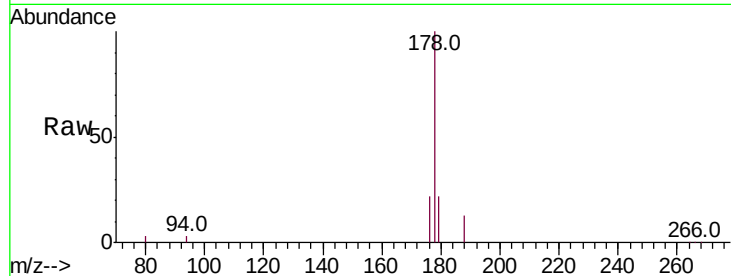
#13
 Anthracene
 Concen: 1.253 ng/ul m
 RT: 17.15 min Scan# 3691
 Delta R.T. -0.03 min
 Lab File: BN003130.D
 Acq: 12 Oct 2018 07:10

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9

Tot Ion:178 Resp: 22097
 Ion Ratio Lower Upper
 178 100
 179 22.4 13.0 19.6#
 176 21.9 15.3 22.9

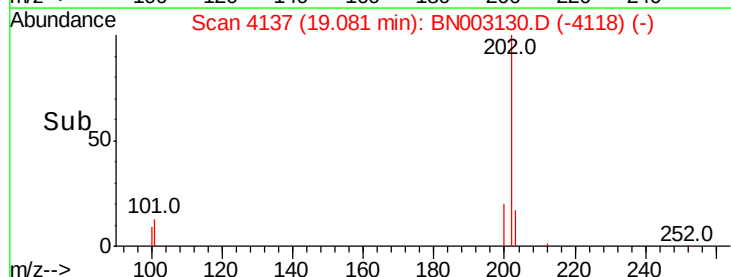
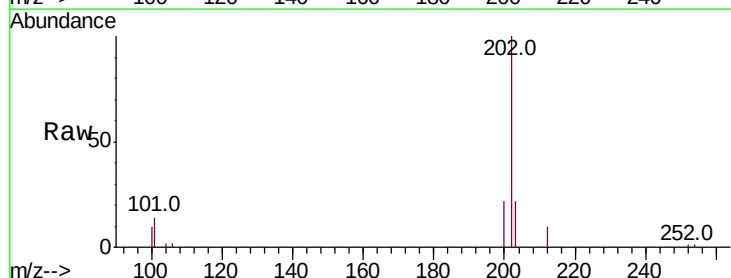
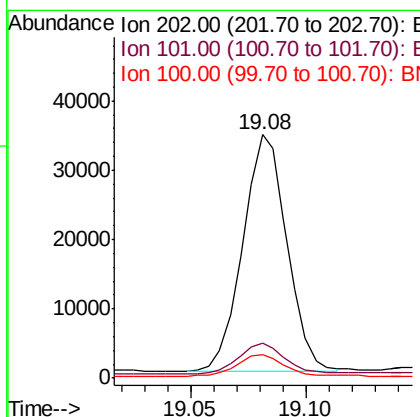
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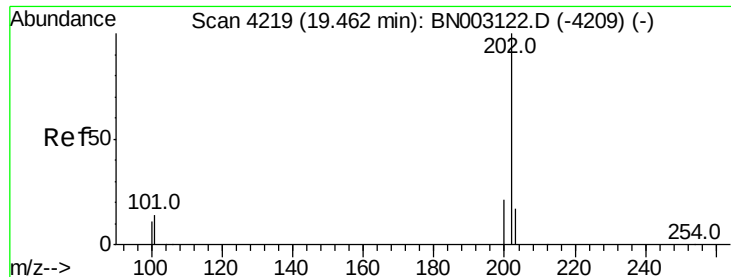
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#15
 Fluoranthene
 Concen: 2.086 ng/ul m
 RT: 19.08 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN003130.D
 Acq: 12 Oct 2018 07:10

Tgt Ion:202 Resp: 45695
 Ion Ratio Lower Upper
 202 100
 101 14.4 0.0 32.3
 100 9.8 0.0 29.1





#17

Pvrene

Concen: 2.867 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Instrument :

BNA_N

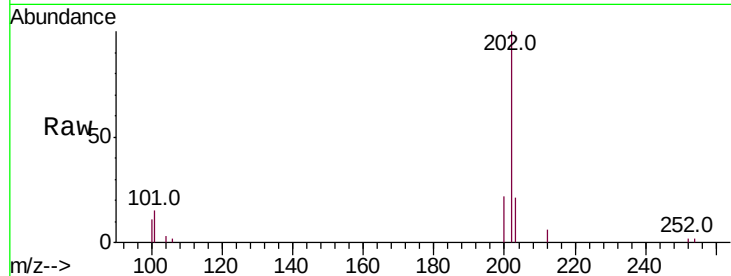
ClientSampled :

C0AK9

Tot Ion:	202	Resp:	54504
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.9	17.9
100	11.1	9.9	14.9

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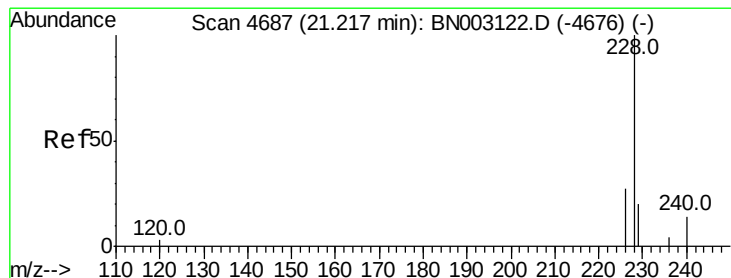
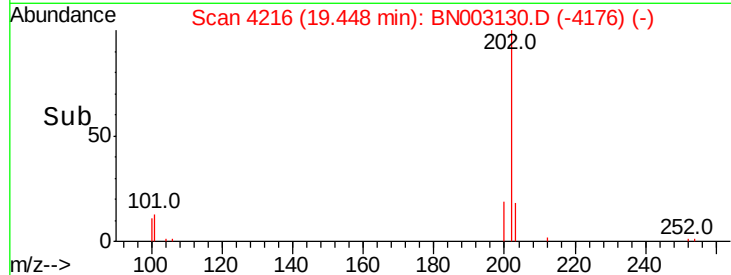
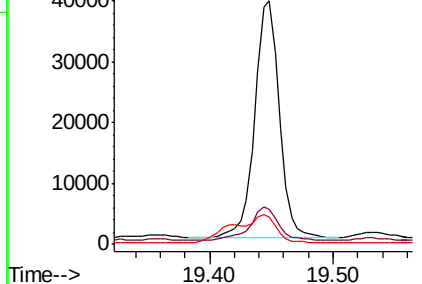
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 1.187 ng/ul m

RT: 21.21 min Scan# 4684

Delta R.T. -0.01 min

Lab File: BN003130.D

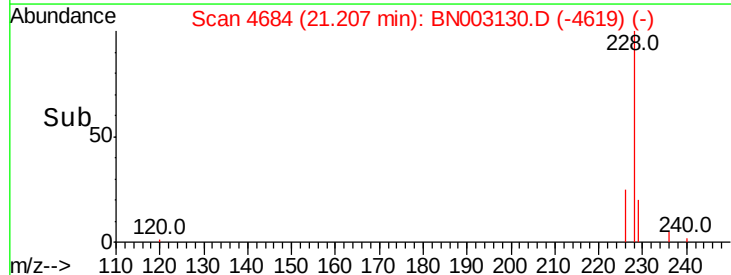
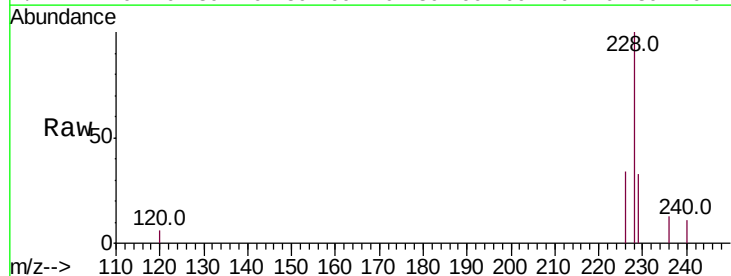
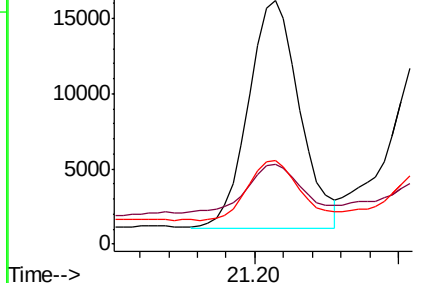
Acq: 12 Oct 2018 07:10

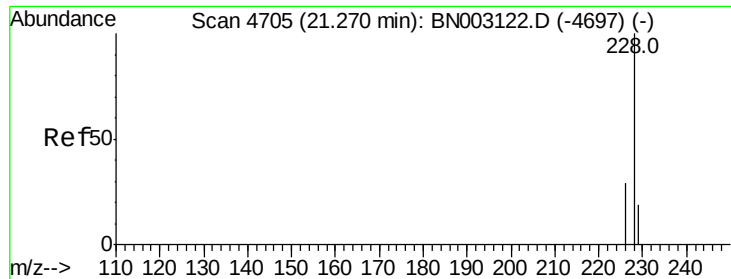
Tgt Ion:	228	Resp:	18693
Ion Ratio	Lower	Upper	
228	100		
229	33.0	16.2	24.2#
226	34.5	22.3	33.5#

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: 1.168 ng/ul m

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Instrument :

BNA_N

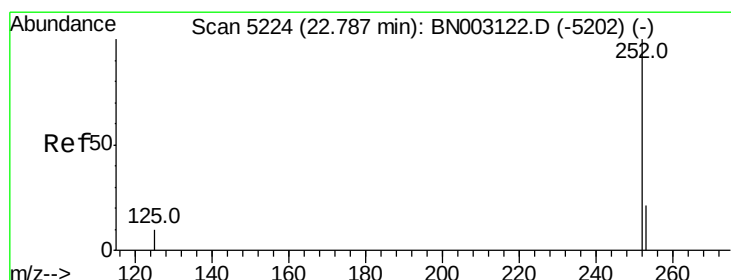
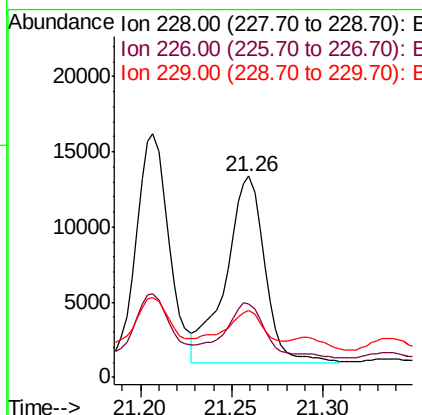
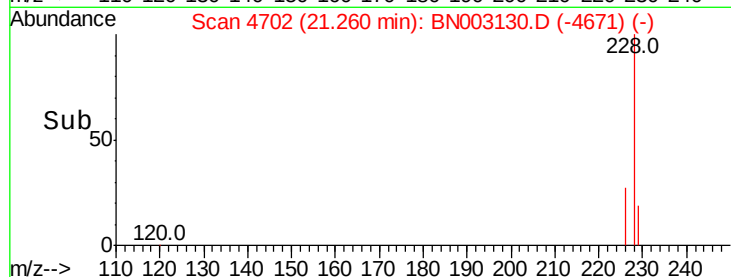
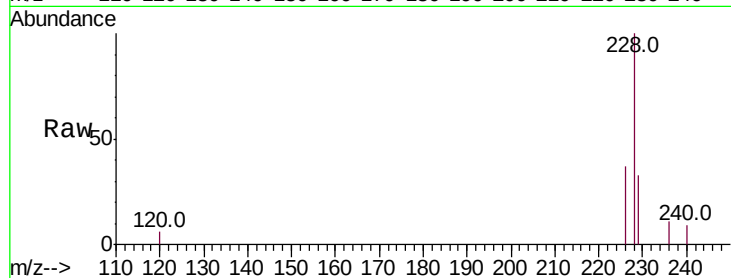
ClientSampled :

C0AK9

Tot Ion:	228	Resp:	18676
Ion Ratio	Lower	Upper	
228	100		
226	36.8	24.2	36.4#
229	33.2	16.7	25.1#

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#21

Benzo(b)fluoranthene

Concen: 1.080 ng/ul m

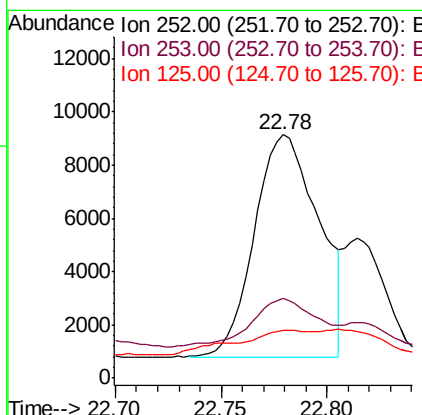
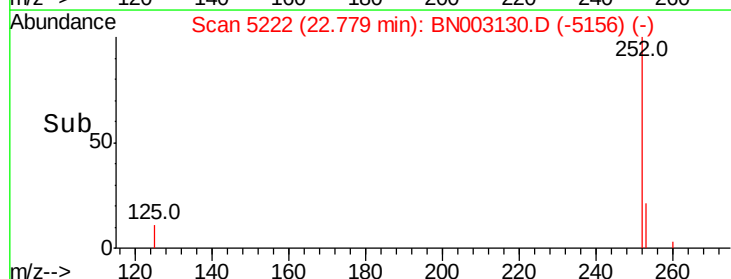
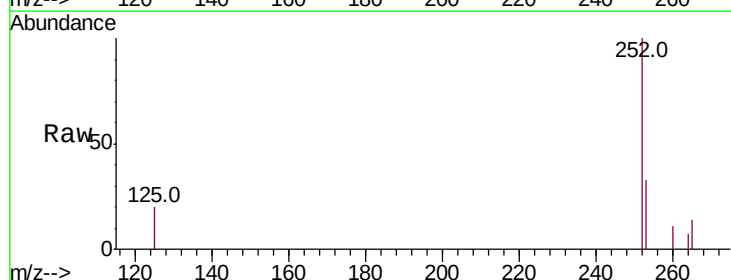
RT: 22.78 min Scan# 5222

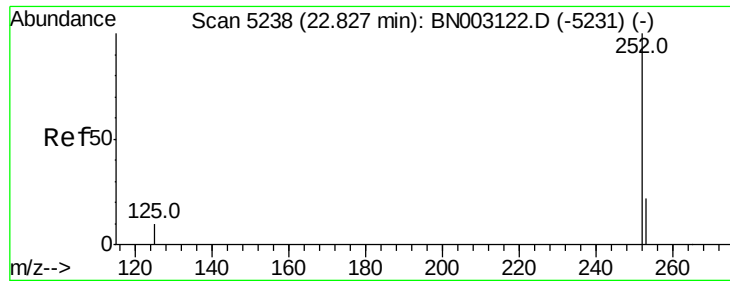
Delta R.T. -0.01 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Tgt Ion:	252	Resp:	17792
Ion Ratio	Lower	Upper	
252	100		
253	32.6	0.0	53.2
125	19.8	0.0	34.2





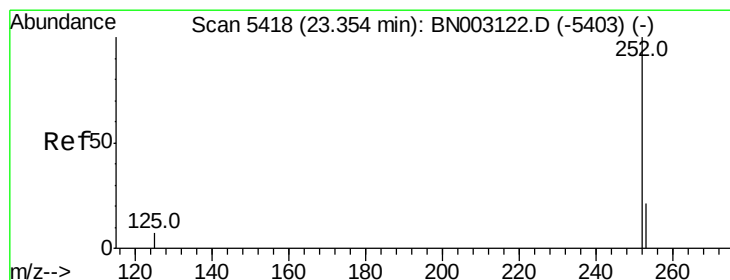
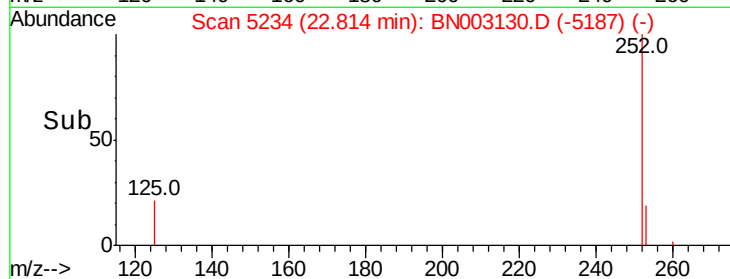
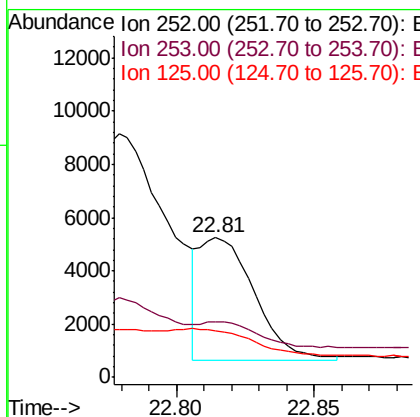
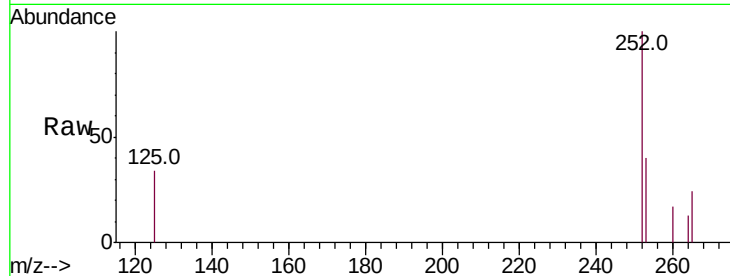
#22
Benzo(k)fluoranthene
Concen: 0.377 ng/ul m
RT: 22.81 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN003130.D
Acq: 12 Oct 2018 07:10

Instrument :
BNA_N
ClientSampleId :
C0AK9

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.9	21.3	31.9#
125	33.6	14.1	21.1#

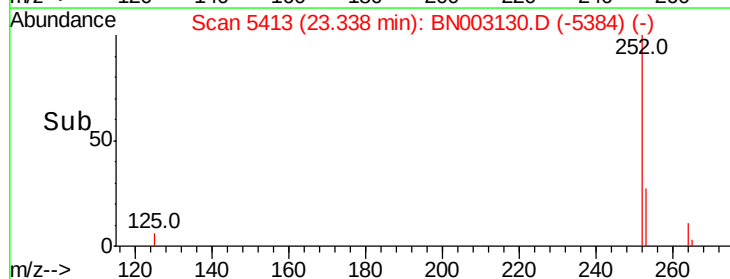
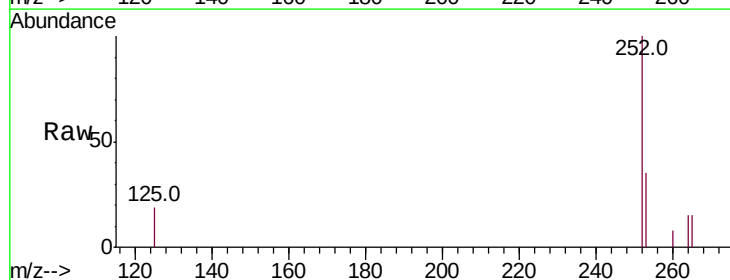
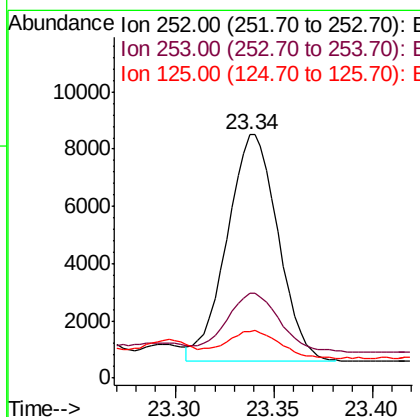
Manual Integrations
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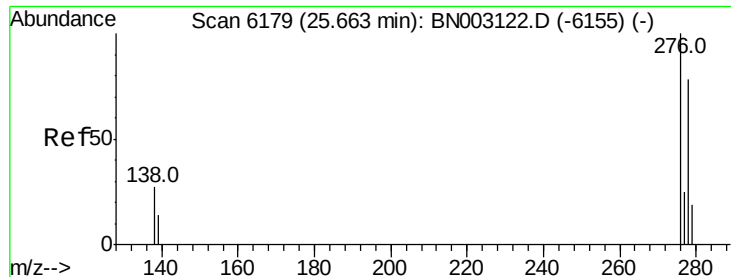
Sohil
10/12/2018 6:38:42 PM



#23
Benzo(a)pyrene
Concen: 0.982 ng/ul m
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003130.D
Acq: 12 Oct 2018 07:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.0	23.1	34.7#
125	19.3	16.9	25.3





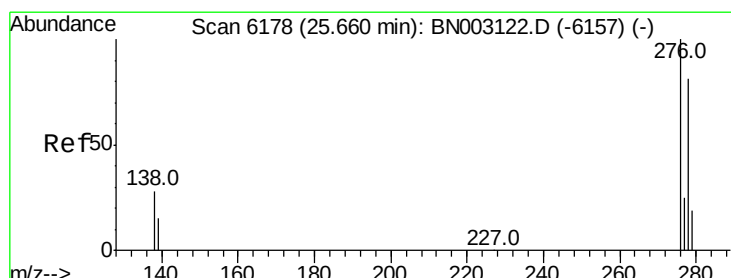
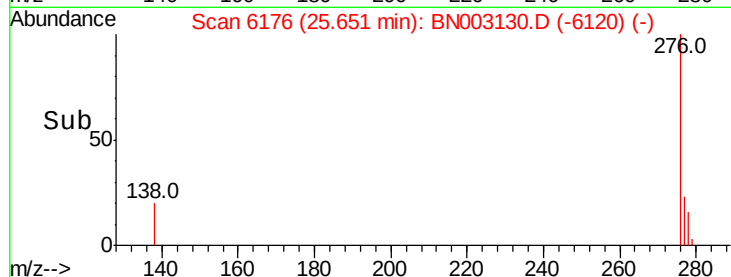
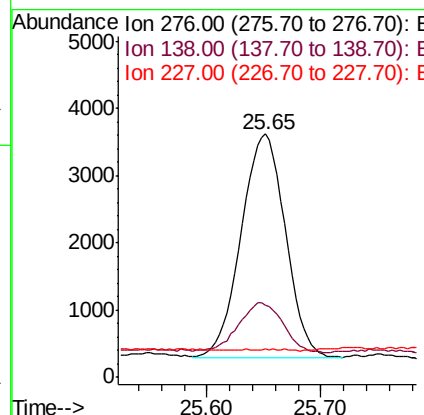
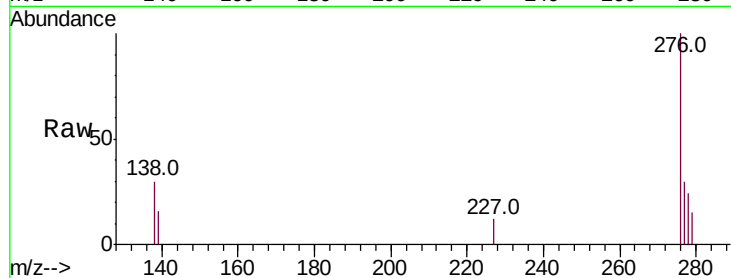
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.528 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.01 min
Lab File: BN003130.D
Acq: 12 Oct 2018 07:10

Instrument :
BNA_N
ClientSampled :
C0AK9

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.5	32.3
227	0.1	0.3	0.5#

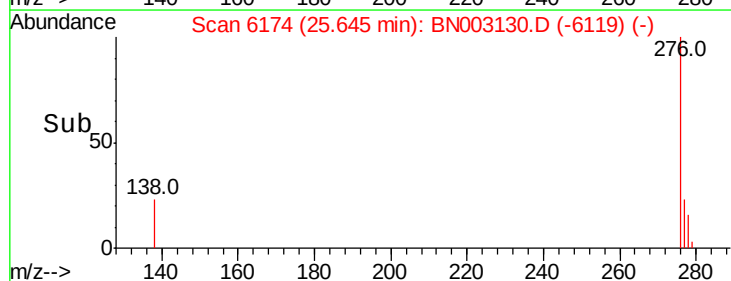
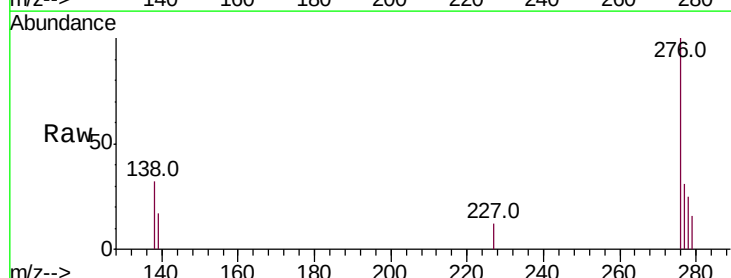
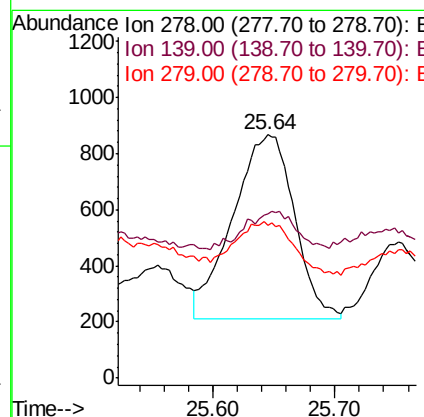
Manual Integrations
APPROVED

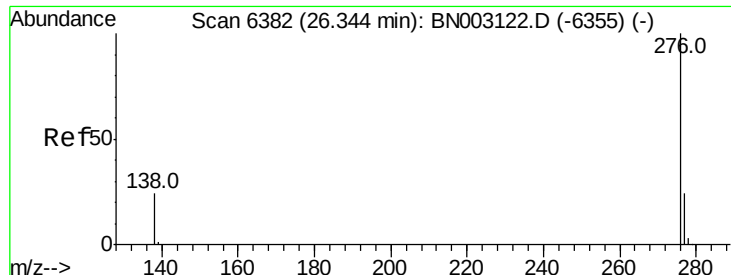
Sohil
10/12/2018 6:38:42 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.170 ng/ul m
RT: 25.64 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003130.D
Acq: 12 Oct 2018 07:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	67.6	20.2	30.4#
279	62.7	23.8	35.8#





#26

Benzo(a,h,i)perylene

Concen: 0.571 ng/ul

RT: 26.32 min Scan# 6376

Delta R.T. -0.02 min

Lab File: BN003130.D

Acq: 12 Oct 2018 07:10

Instrument :

BNA_N

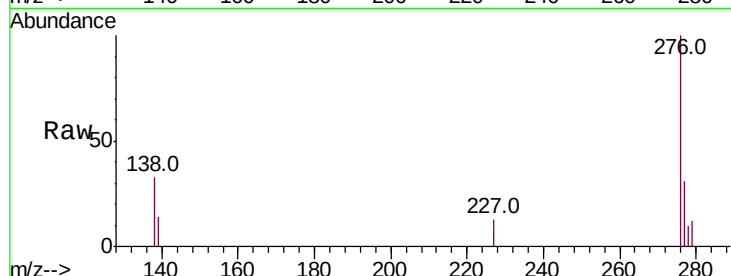
ClientSampleId :

C0AK9

Tot Ion:	276	Resp:	8164
Ion Ratio	Lower	Upper	
276	100		
138	32.7	23.0	34.4
277	31.4	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:42 PM



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

