

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003124.D
 Acq On : 12 Oct 2018 03:39
 Operator : MJ/SJ
 Sample : J5230-14DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z13DL

Manual Integrations
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 10/12/2018 6:38:33 PM

Quant Time: Oct 12 07:37:48 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	7.63	152	1508	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	5586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2595	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	5100	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	4922	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5253	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	545	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1048	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	3731	0.260	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	2230	0.226	ng/ul	96
7) Acenaphthylene	13.98	152	5107	0.430	ng/ul	98
8) Acenaphthene	14.32	153	774	0.086	ng/ul	96
9) Fluorene	15.32	166	959	0.093	ng/ul#	95
12) Phenanthrene	17.06	178	20329	1.430	ng/ul	99
13) Anthracene	17.15	178	6456	0.481	ng/ul	98
15) Fluoranthene	19.08	202	39838	2.389	ng/ul	99
17) Pyrene	19.45	202	38019	1.989	ng/ul	97
18) Benzo(a)anthracene	21.21	228	18609	1.175	ng/ul	99
19) Chrysene	21.26	228	19605	1.219	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	30260m	1.600	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	9260m	0.472	ng/ul	
23) Benzo(a)pyrene	23.34	252	17646	1.041	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.65	276	13569	0.696	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.65	278	3592	0.230	ng/ul#	88
26) Benzo(a,h,i)perylene	26.32	276	12278	0.747	ng/ul	96

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

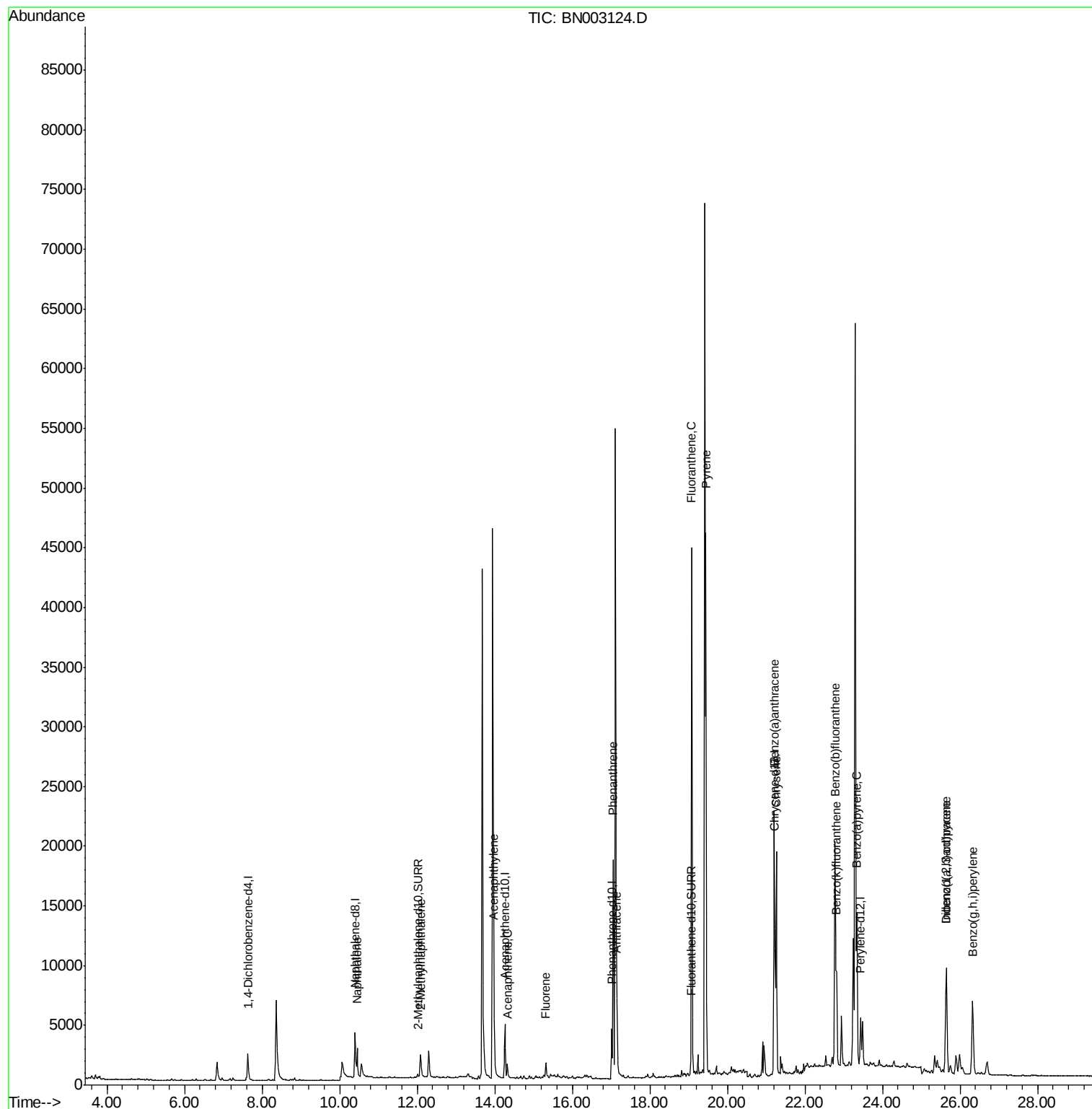
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

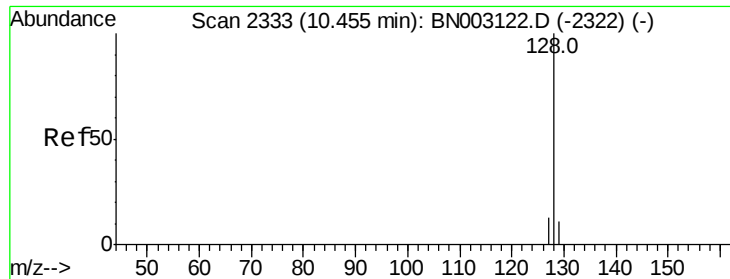
Instrument :
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Quant Time: Oct 12 07:37:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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QLast Update : Fri Oct 12 07:27:48 2018
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#3

Naphthalene

Concen: 0.260 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

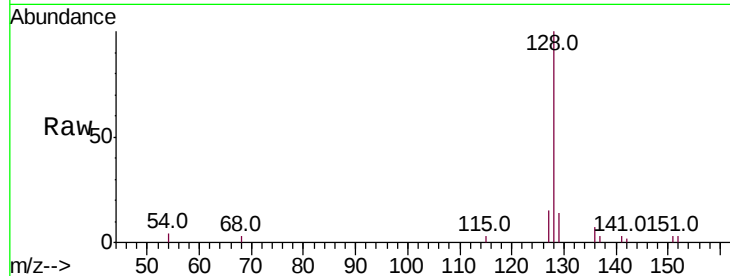
ClientSampleId :

A3Z13DL

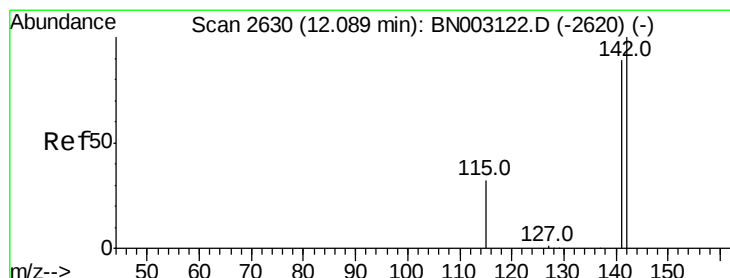
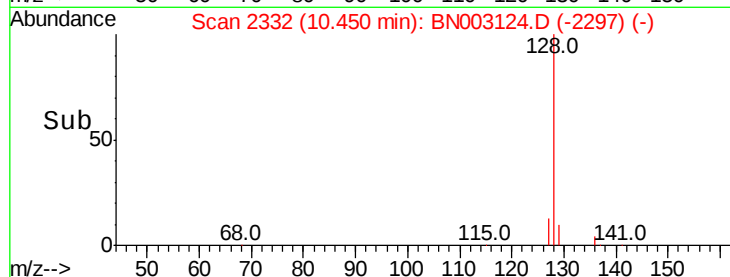
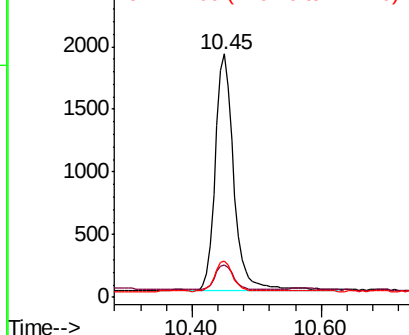
Tot Ion:	128	Resp:	3731
Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.4	15.6
127	14.9	11.7	17.5

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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: 0.226 ng/ul

RT: 12.08 min Scan# 2629

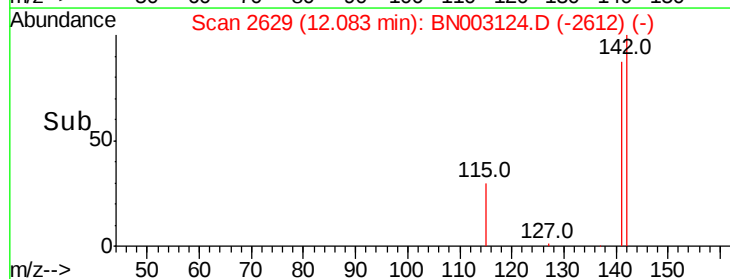
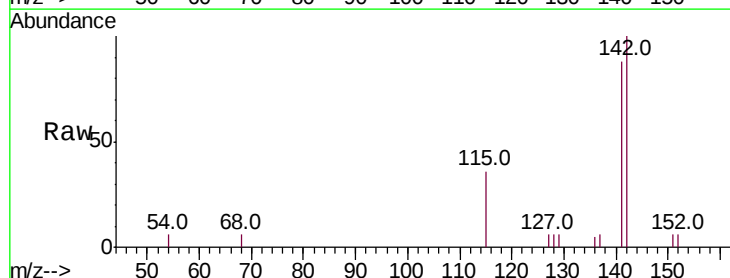
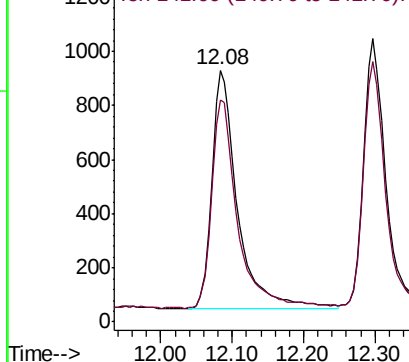
Delta R.T. -0.01 min

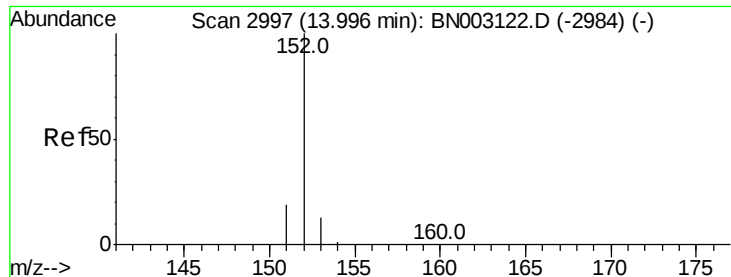
Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Tgt Ion:	142	Resp:	2230
Ion	Ratio	Lower	Upper
142	100		
141	88.3	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: 0.430 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

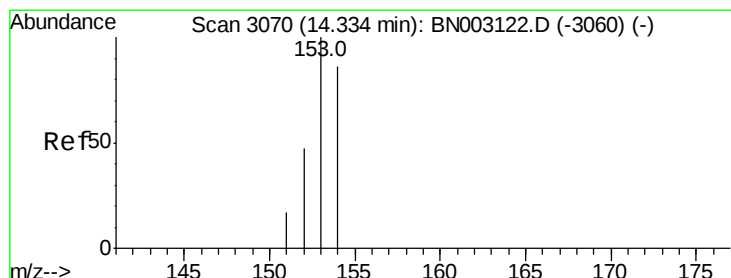
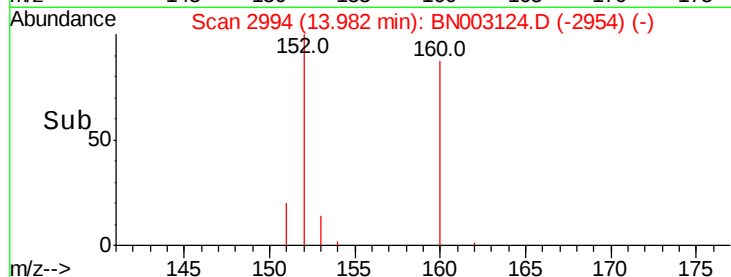
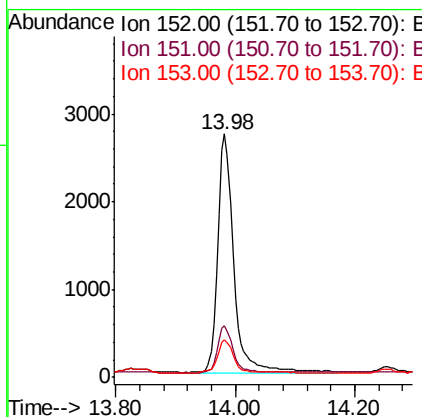
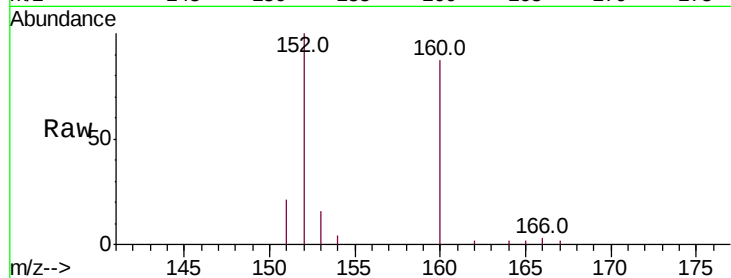
ClientSampleId :

A3Z13DL

Tot Ion:	152	Resp:	5107
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.5	24.7
153	15.5	11.4	17.2

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#8

Acenaphthene

Concen: 0.086 ng/ul

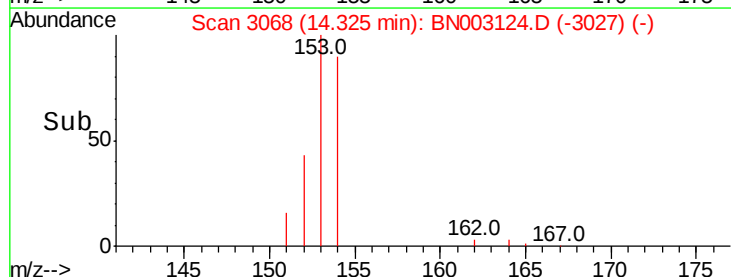
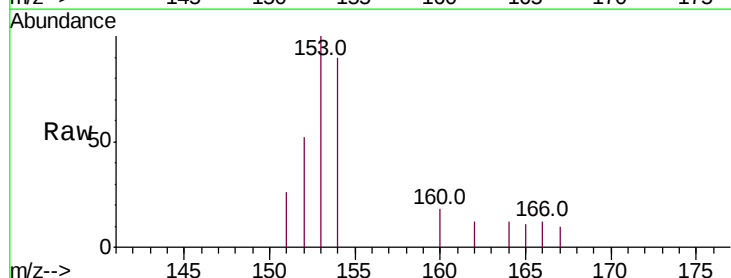
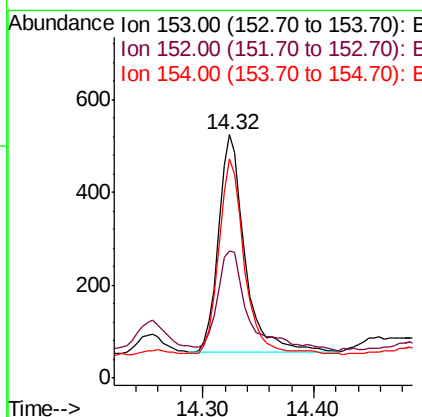
RT: 14.32 min Scan# 3068

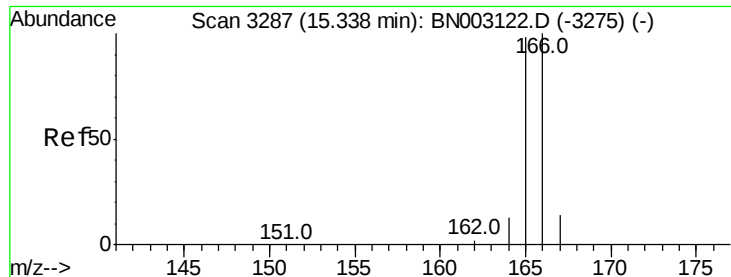
Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Tgt Ion:	153	Resp:	774
Ion Ratio	Lower	Upper	
153	100		
152	52.4	38.2	57.4
154	90.3	70.2	105.2





#9

Fluorene

Concen: 0.093 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

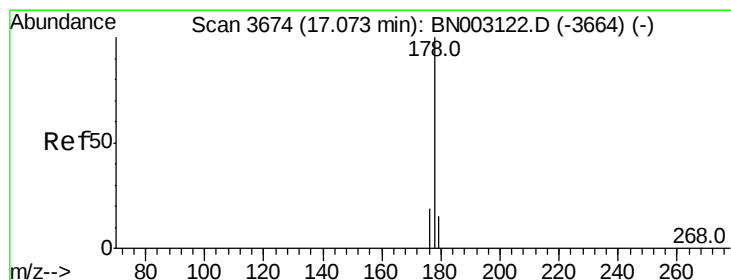
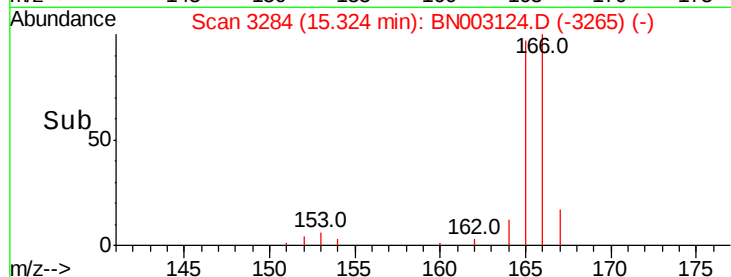
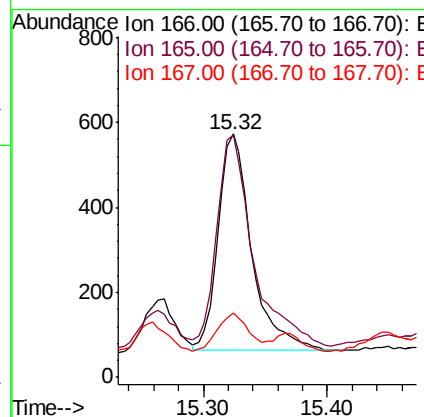
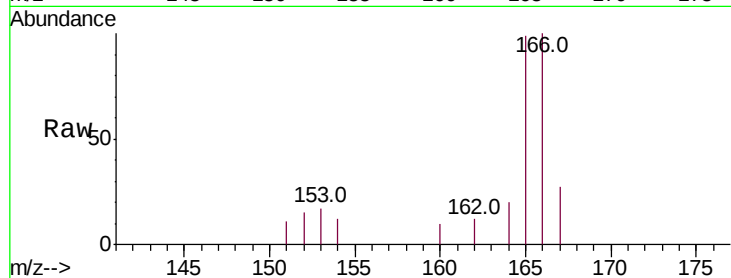
ClientSampled :

A3Z13DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.5	117.7
167	26.5	11.6	17.4#

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#12

Phenanthrene

Concen: 1.430 ng/ul

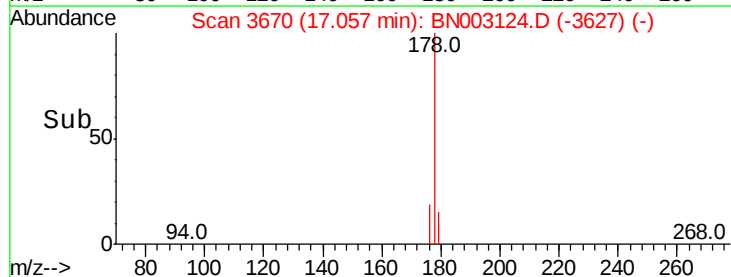
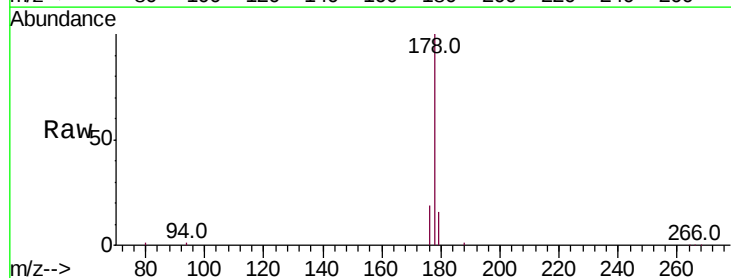
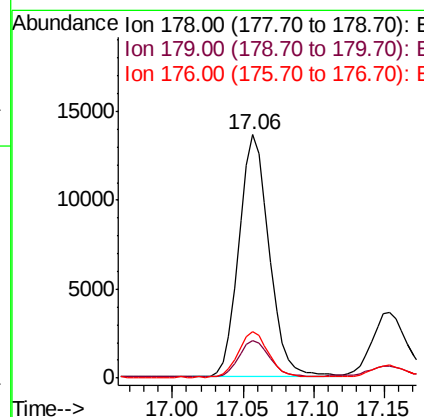
RT: 17.06 min Scan# 3670

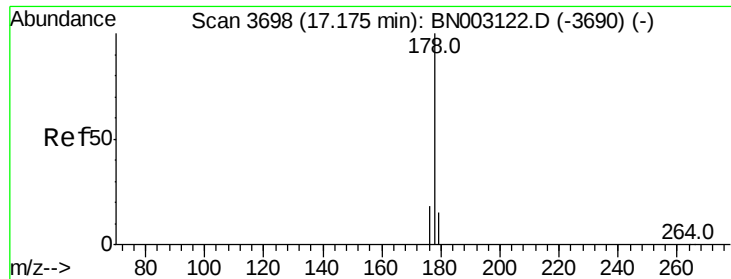
Delta R.T. -0.02 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.1	15.4	23.2





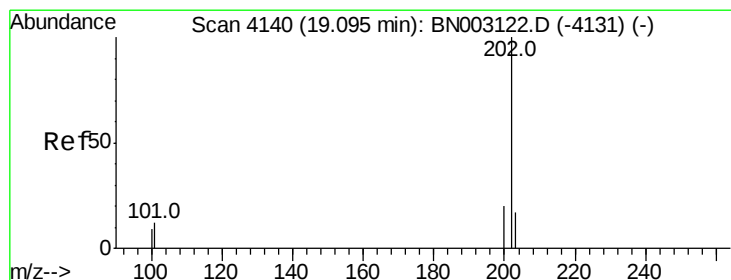
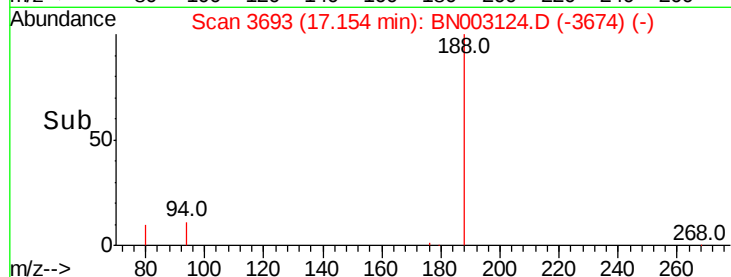
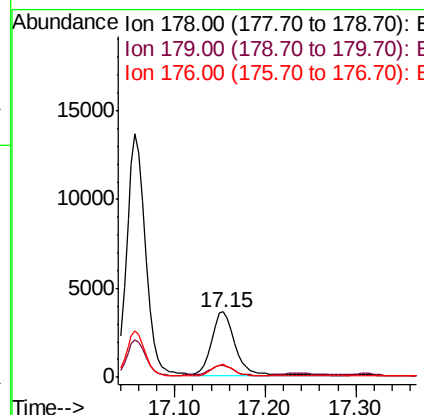
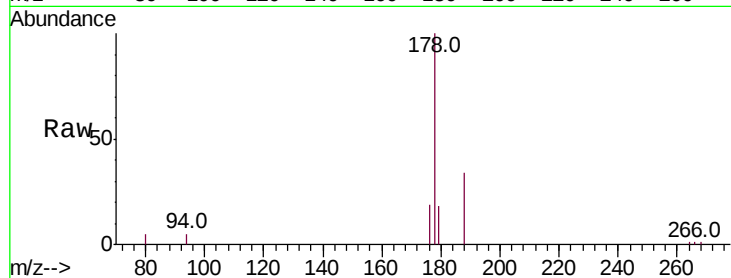
#13
 Anthracene
 Concen: 0.481 ng/ul
 RT: 17.15 min Scan# 3693
 Delta R.T. -0.02 min
 Lab File: BN003124.D
 Acq: 12 Oct 2018 03:39

Instrument :
 BNA_N
 ClientSampleId :
 A3Z13DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.0	19.6
176	19.4	15.3	22.9

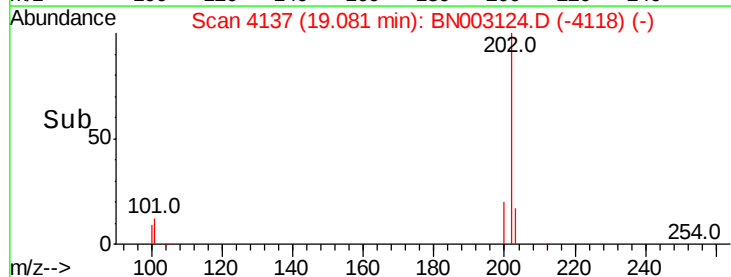
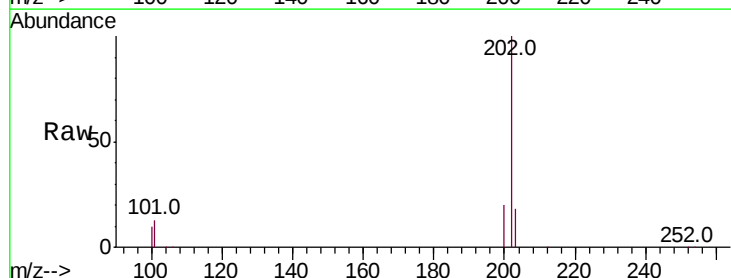
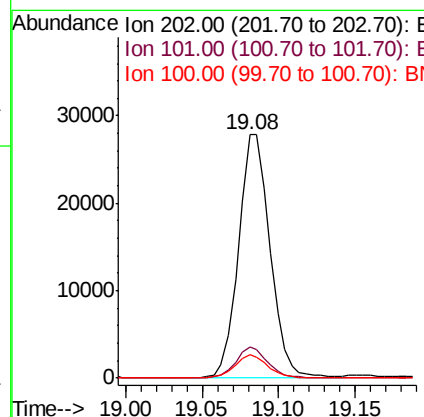
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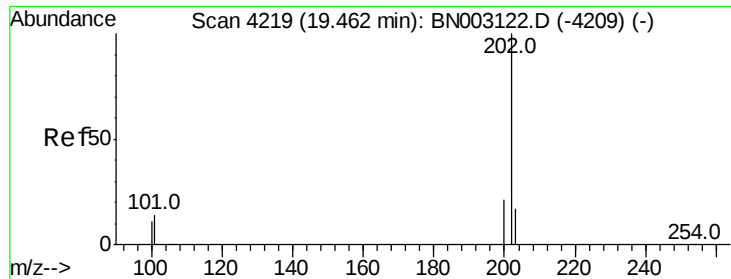
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#15
 Fluoranthene
 Concen: 2.389 ng/ul
 RT: 19.08 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN003124.D
 Acq: 12 Oct 2018 03:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.3
100	9.6	0.0	29.1





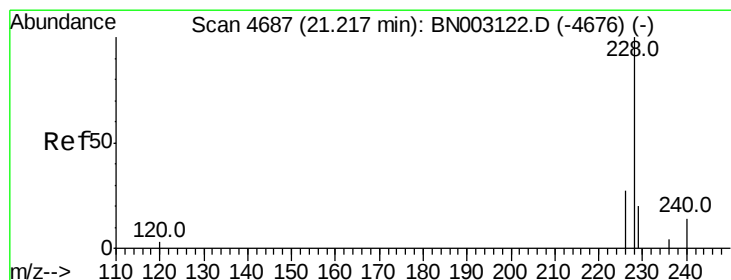
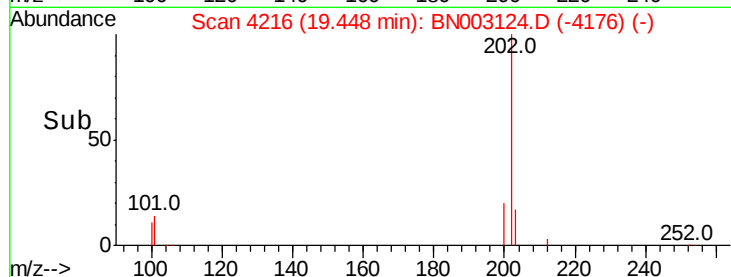
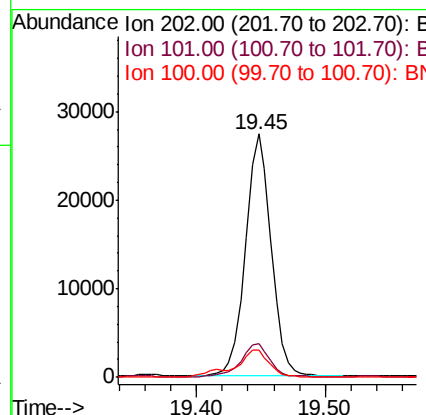
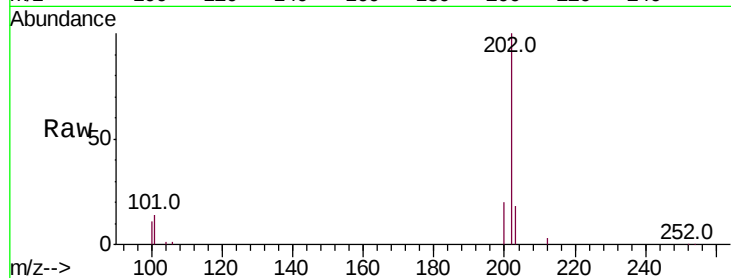
#17
Pvrene
Concen: 1.989 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Instrument :
BNA_N
ClientSampleId :
A3Z13DL

Tot Ion:	202	Resp:	38019
Ion Ratio	Lower	Upper	
202	100		
101	13.8	11.9	17.9
100	11.1	9.9	14.9

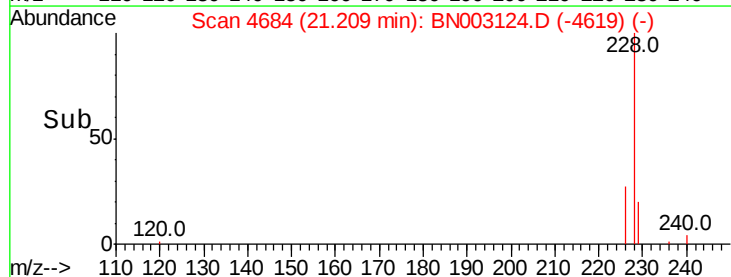
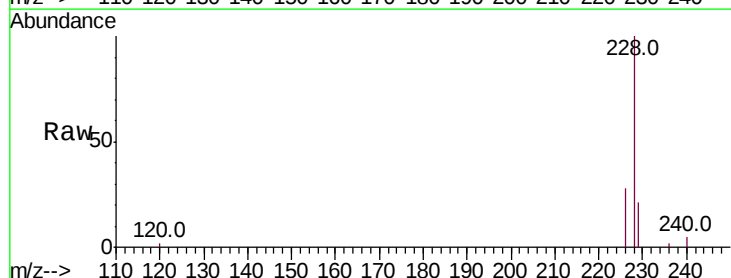
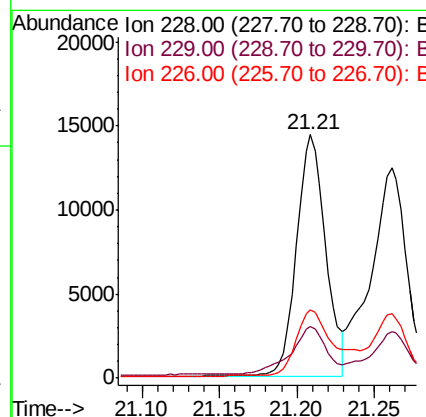
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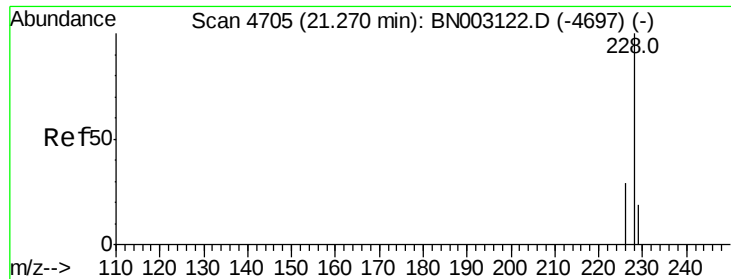
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#18
Benzo(a)anthracene
Concen: 1.175 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Tgt Ion:	228	Resp:	18609
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.2	24.2
226	28.2	22.3	33.5





#19

Chrysene

Concen: 1.219 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

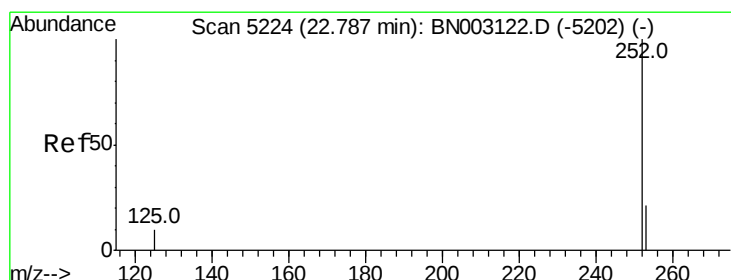
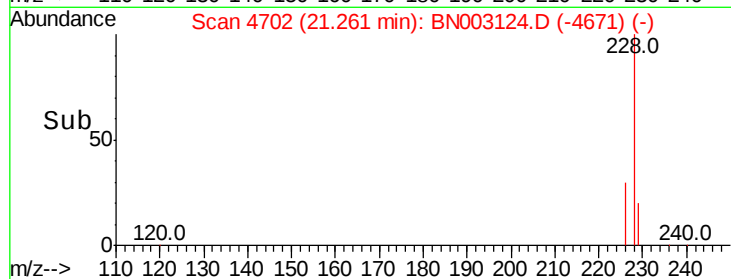
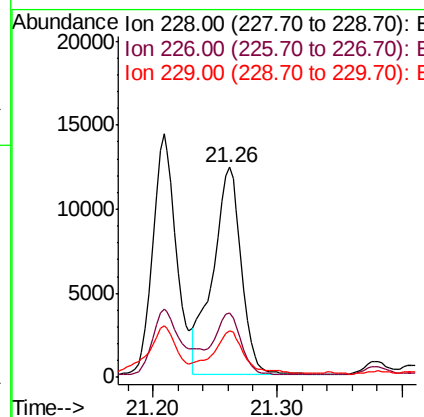
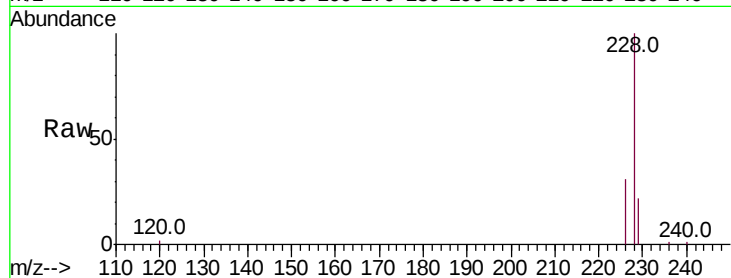
ClientSampleId :

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Tot Ion:228	Resp:	19605
Ion Ratio	Lower	Upper
228 100		
226 30.8	24.2	36.4
229 22.1	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 1.600 ng/ul m

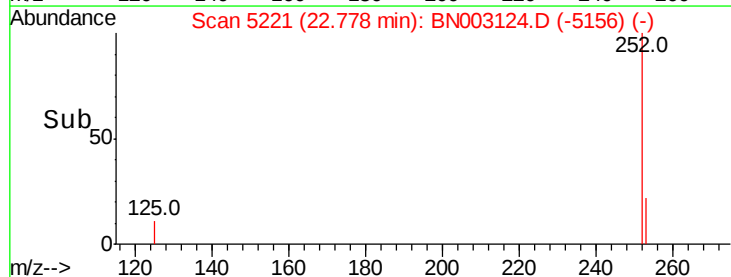
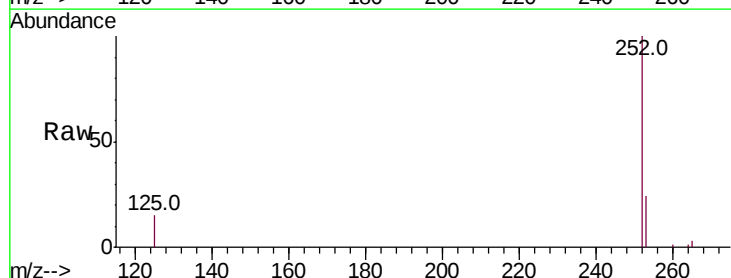
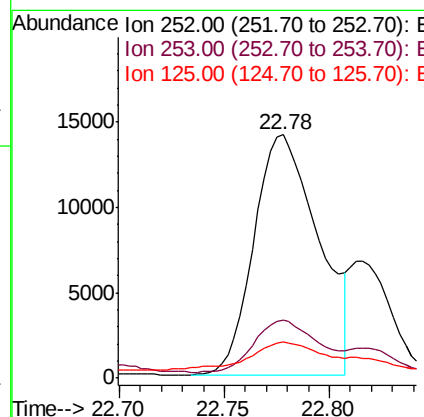
RT: 22.78 min Scan# 5221

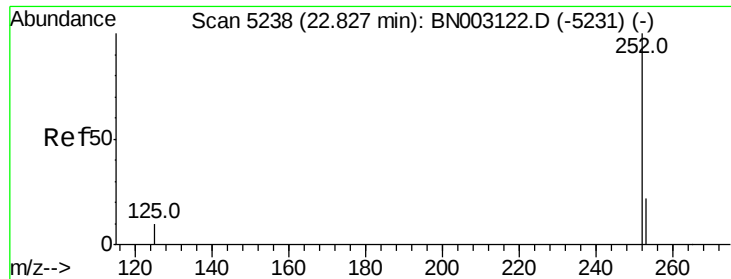
Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Tgt Ion:252	Resp:	30260
Ion Ratio	Lower	Upper
252 100		
253 23.7	0.0	53.2
125 14.7	0.0	34.2





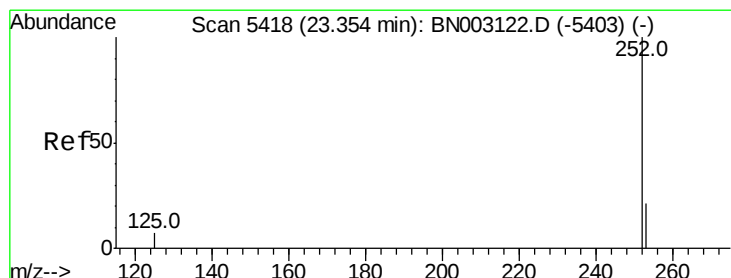
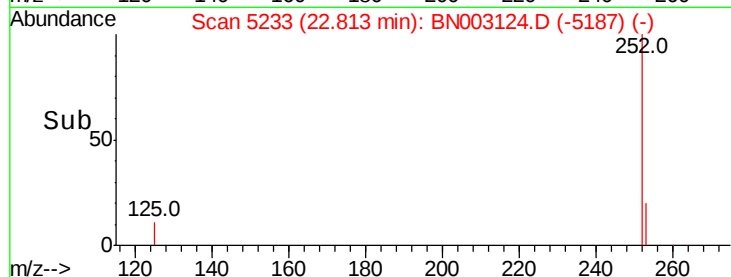
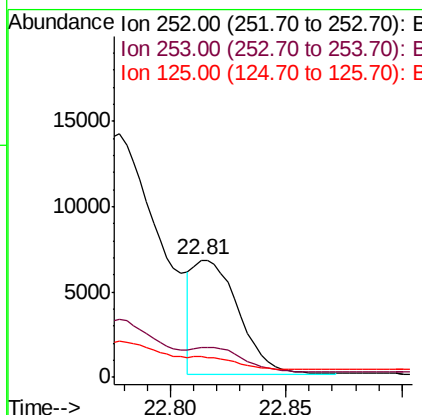
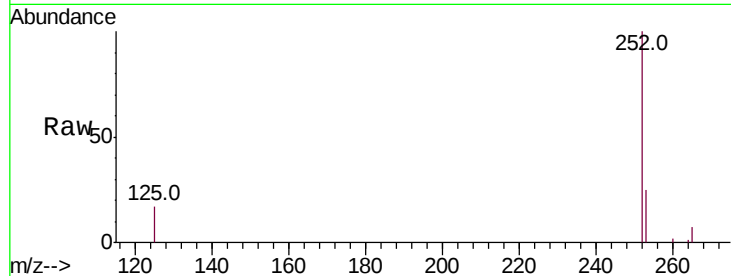
#22
Benzo(k)fluoranthene
Concen: 0.472 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Instrument :
BNA_N
ClientSampleId :
A3Z13DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.3	31.9
125	17.4	14.1	21.1

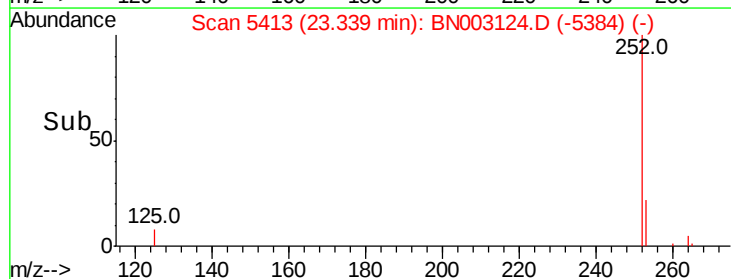
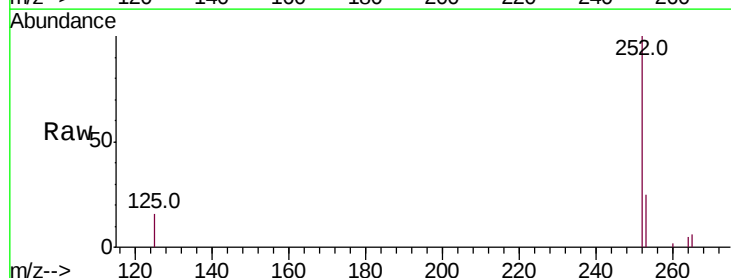
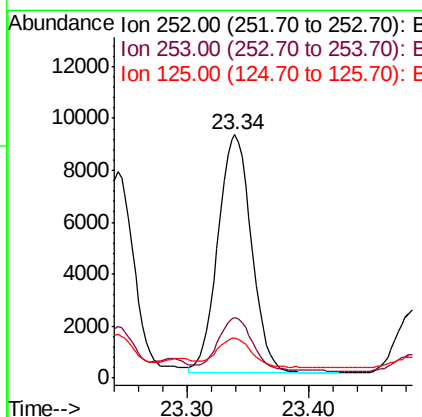
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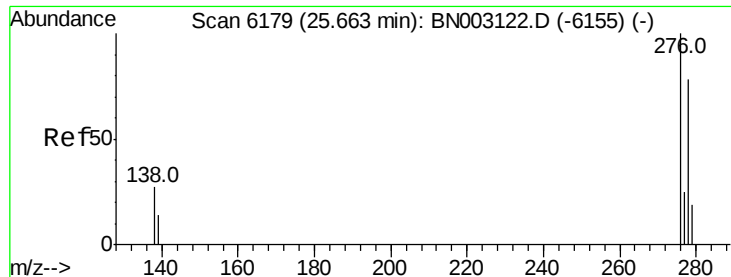
Sohil
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#23
Benzo(a)pyrene
Concen: 1.041 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	23.1	34.7
125	16.4	16.9	25.3#





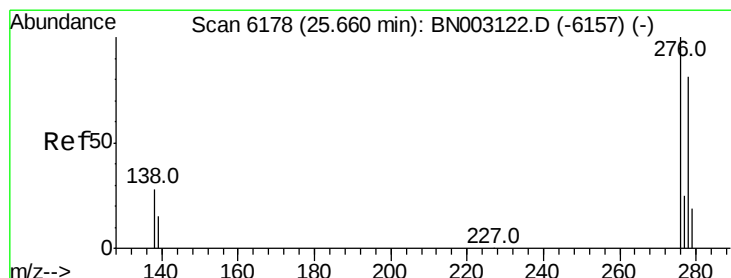
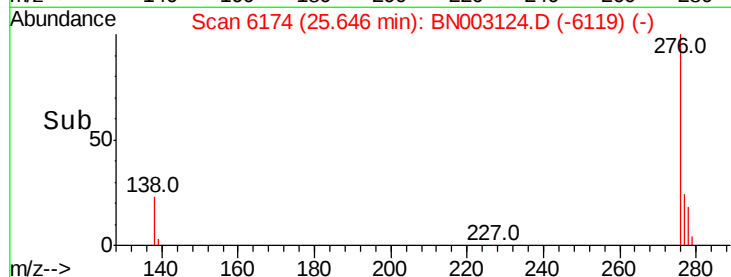
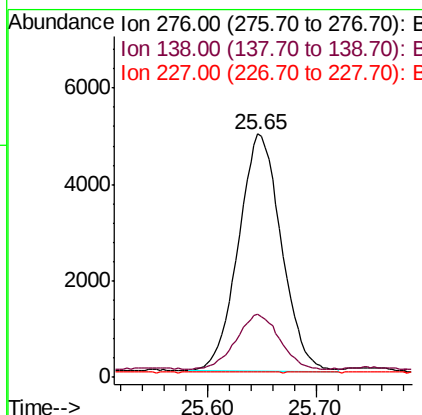
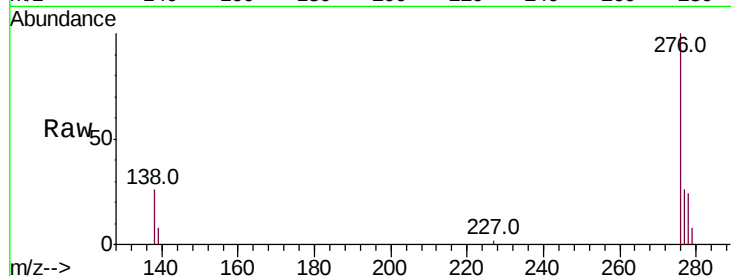
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.696 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Instrument :
BNA_N
ClientSampleId :
A3Z13DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.5	32.3
227	0.2	0.3	0.5

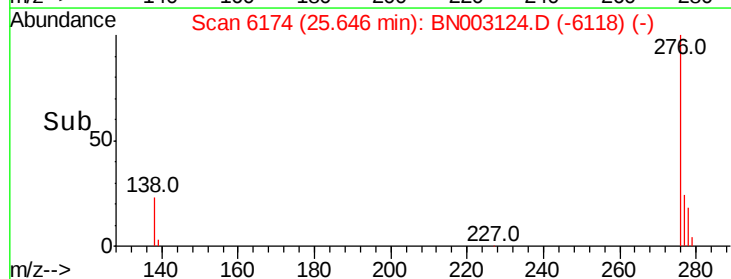
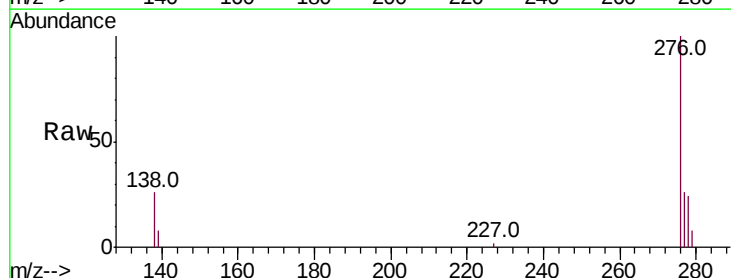
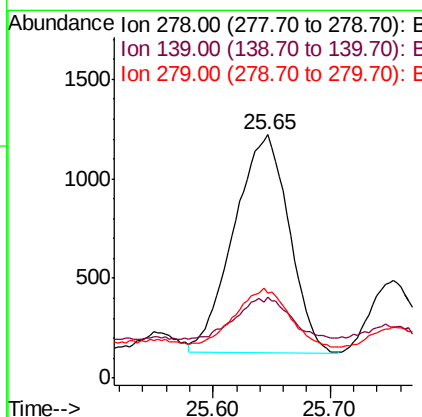
Manual Integrations
APPROVED

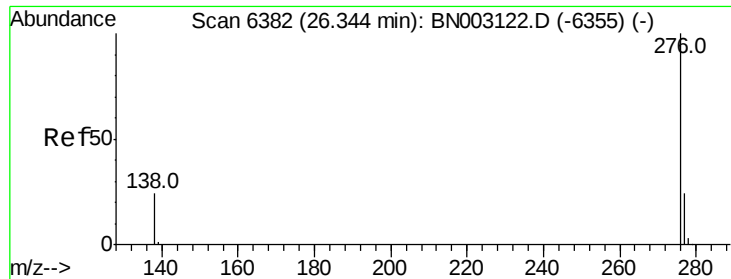
Sohil
10/12/2018 6:38:33 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.230 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.01 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.1	20.2	30.4
279	35.1	23.8	35.8





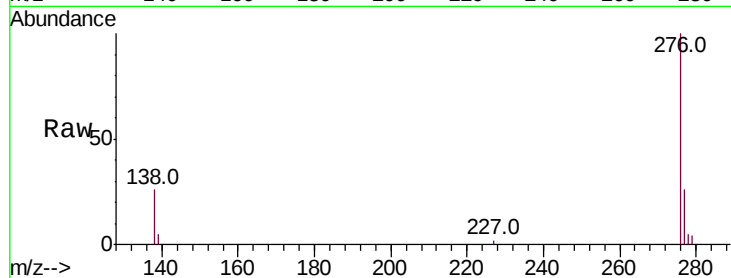
#26
Benzo(a,h,i)perylene
Concen: 0.747 ng/ul
RT: 26.32 min Scan# 6376
Delta R.T. -0.02 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Instrument :
BNA_N
ClientSampleId :
A3Z13DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	23.0	34.4
277	25.9	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:33 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

