

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003125.D
 Acq On : 12 Oct 2018 04:14
 Operator : MJ/SJ
 Sample : J5295-02DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY3DL

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:34 PM

Quant Time: Oct 12 07:40:19 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	1798	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	7233	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3758	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7235	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4869	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5391	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	660	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1207	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	4140	0.223	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	1764	0.138	ng/ul	97
7) Acenaphthylene	13.98	152	6254	0.364	ng/ul	98
8) Acenaphthene	14.32	153	3639	0.279	ng/ul	98
9) Fluorene	15.32	166	4911	0.329	ng/ul	98
12) Phenanthrene	17.06	178	93444	4.633	ng/ul	98
13) Anthracene	17.15	178	16446	0.863	ng/ul	98
15) Fluoranthene	19.08	202	133064	5.624	ng/ul	99
17) Pyrene	19.45	202	117737	6.226	ng/ul	96
18) Benzo(a)anthracene	21.21	228	48502	3.096	ng/ul	99
19) Chrysene	21.26	228	52440	3.296	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	66220m	3.411	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	23863m	1.186	ng/ul	
23) Benzo(a)pyrene	23.34	252	46634	2.680	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.64	276	33405	1.671	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	9028	0.564	ng/ul#	89
26) Benzo(a,h,i)perylene	26.32	276	31532	1.870	ng/ul	95

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

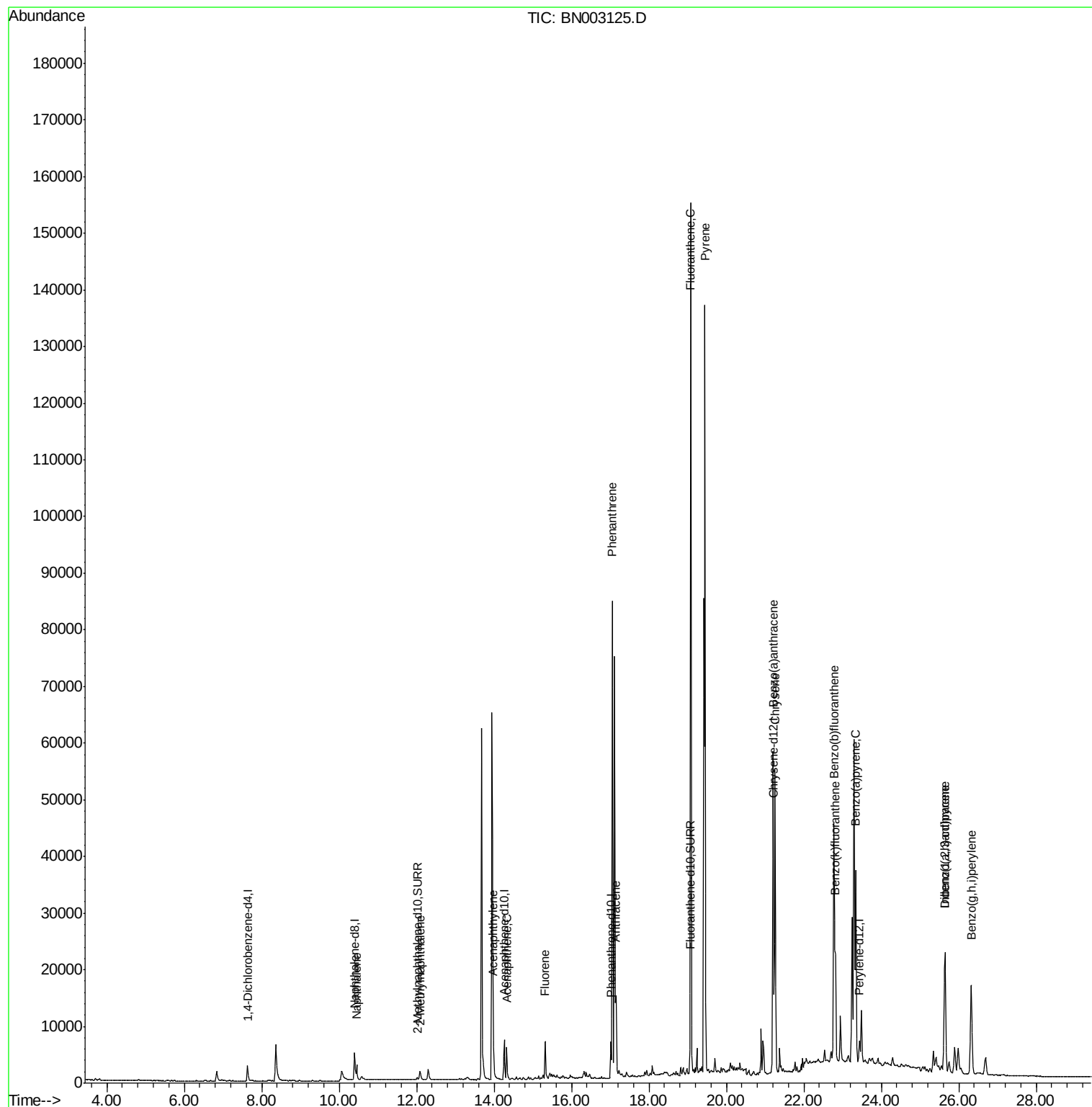
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
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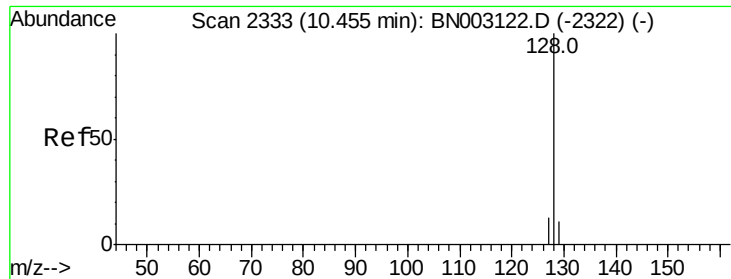
Instrument :
BNA_N
ClientSampleId :
A3YY3DL

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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: 0.223 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

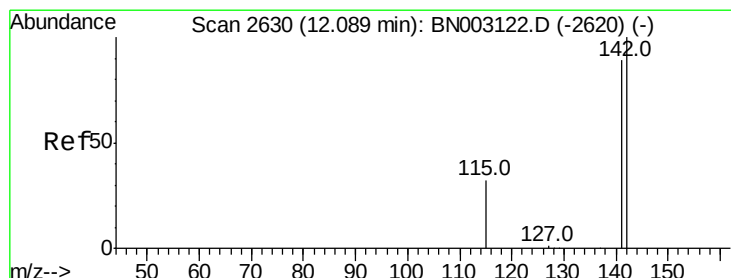
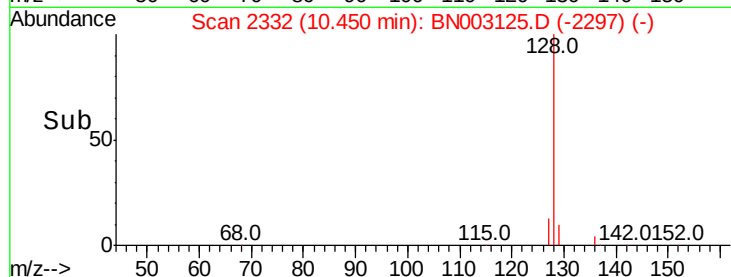
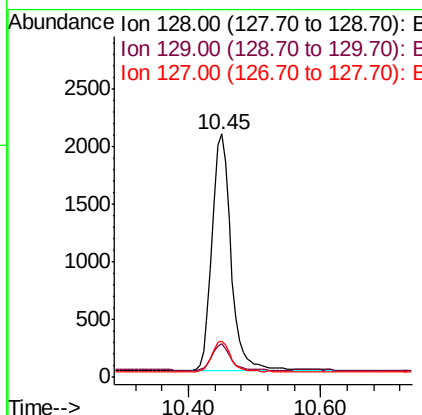
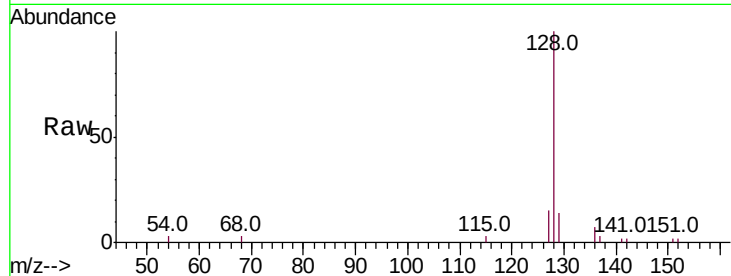
ClientSampleId :

A3YY3DL

Tot Ion:	128	Resp:	4140
Ion Ratio	Lower	Upper	
128	100		
129	13.9	10.4	15.6
127	14.7	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.138 ng/ul

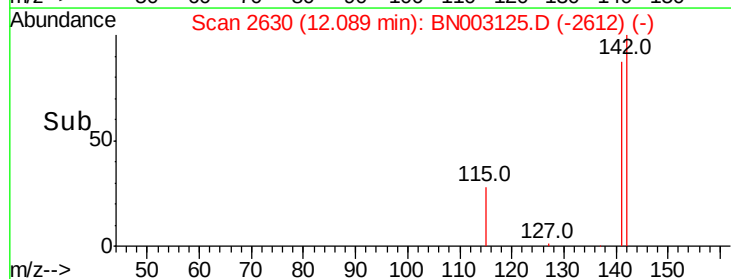
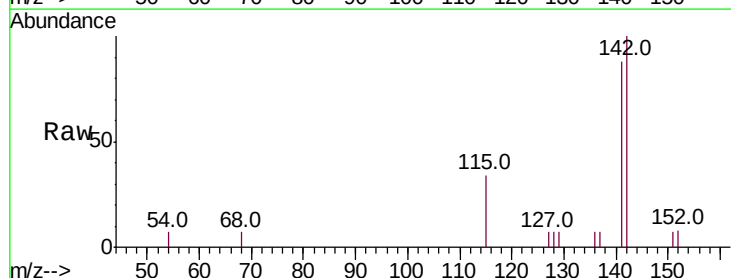
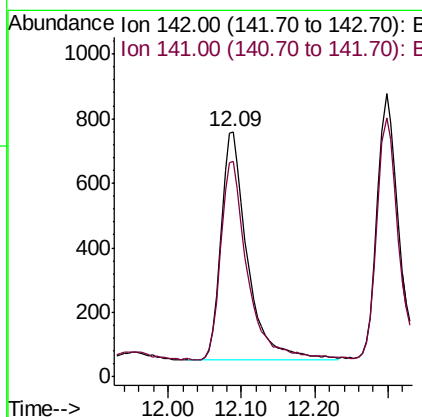
RT: 12.09 min Scan# 2630

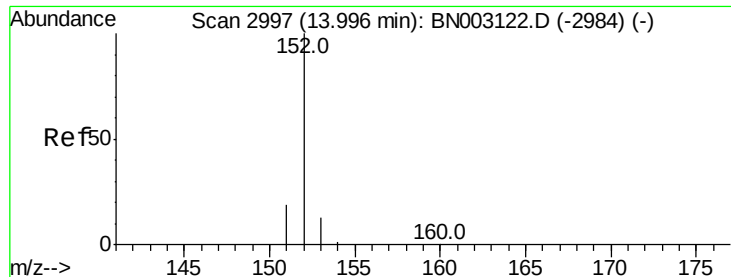
Delta R.T. 0.00 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Tgt Ion:	142	Resp:	1764
Ion Ratio	Lower	Upper	
142	100		
141	89.1	73.4	110.0





#7

Acenaphthylene

Concen: 0.364 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

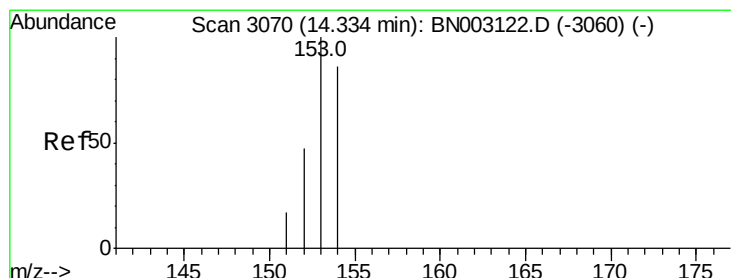
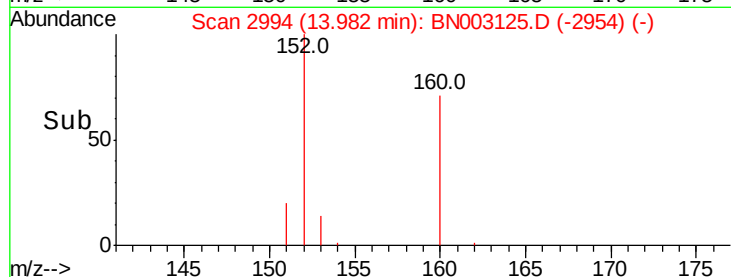
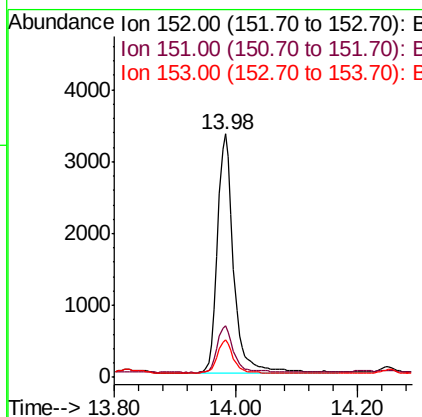
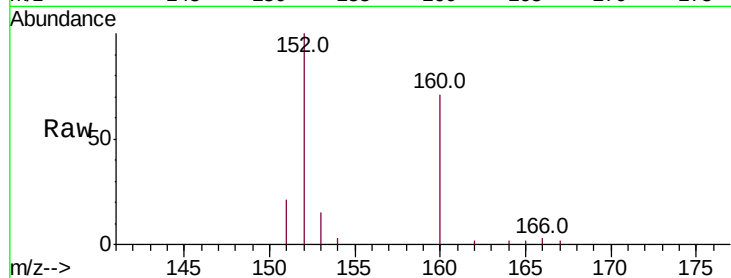
ClientSampleId :

A3YY3DL

Tot Ion:	152	Resp:	6254
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.5	24.7
153	15.3	11.4	17.2

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#8

Acenaphthene

Concen: 0.279 ng/ul

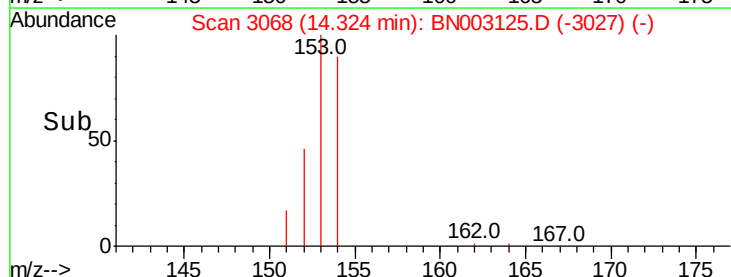
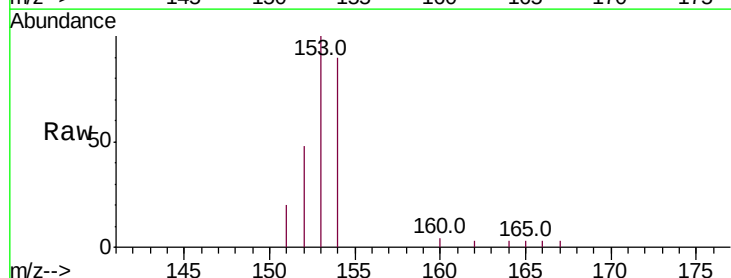
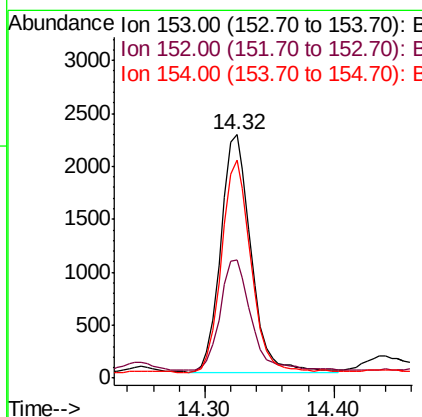
RT: 14.32 min Scan# 3068

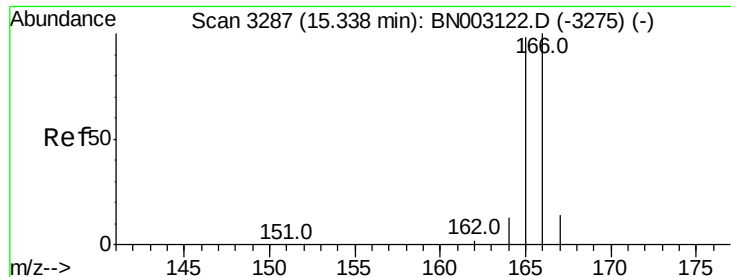
Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Tgt Ion:	153	Resp:	3639
Ion Ratio	Lower	Upper	
153	100		
152	48.3	38.2	57.4
154	89.8	70.2	105.2





#9

Fluorene

Concen: 0.329 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

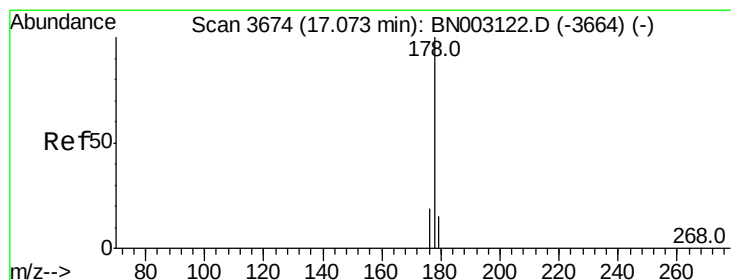
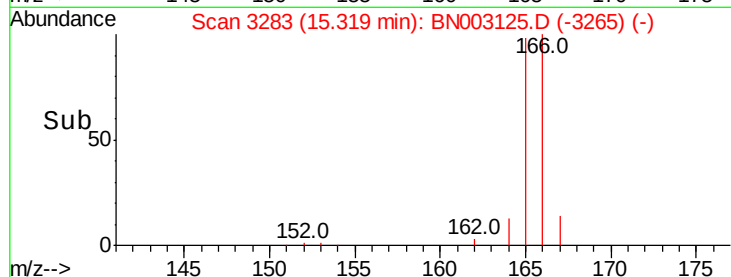
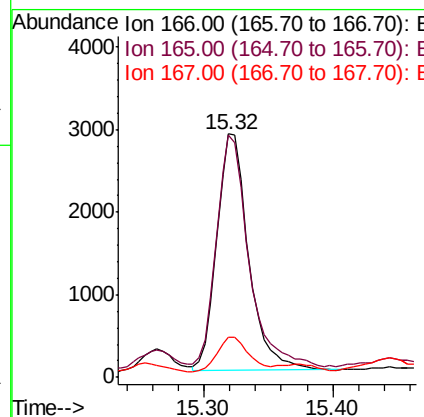
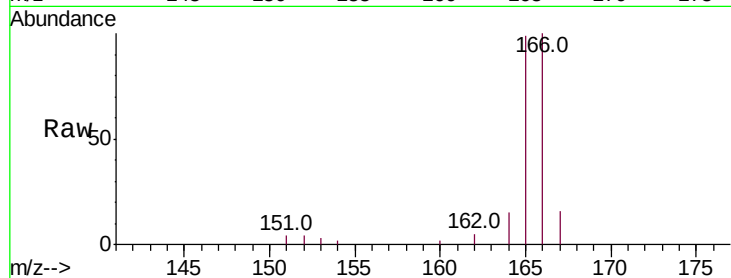
ClientSampleId :

A3YY3DL

Tot Ion:	166	Resp:	4911
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.5	117.7
167	16.2	11.6	17.4

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#12

Phenanthrene

Concen: 4.633 ng/ul

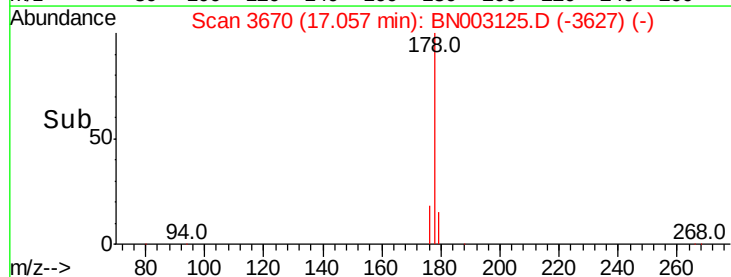
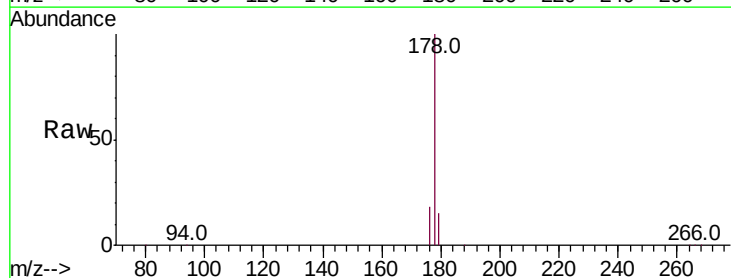
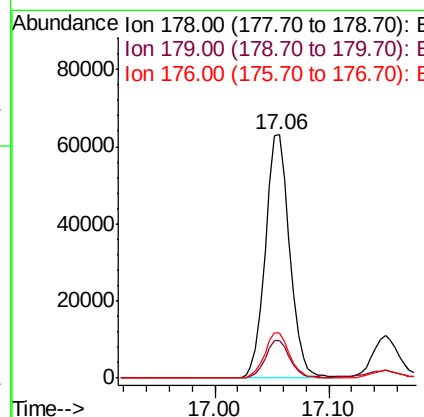
RT: 17.06 min Scan# 3670

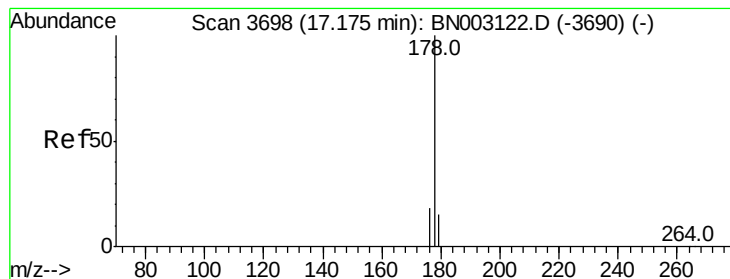
Delta R.T. -0.02 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Tgt Ion:	178	Resp:	93444
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.9	19.3
176	18.3	15.4	23.2





#13

Anthracene

Concen: 0.863 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

ClientSampled :

A3YY3DL

Tot Ion:178 Resp: 16446

Ion Ratio Lower Upper

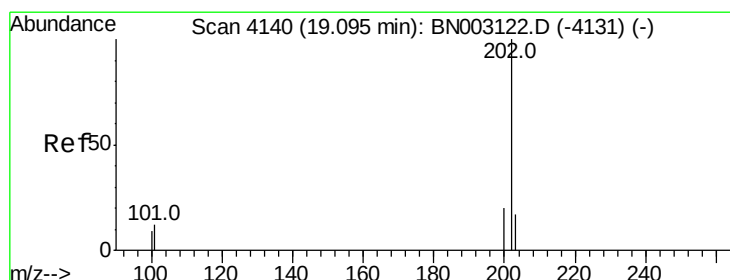
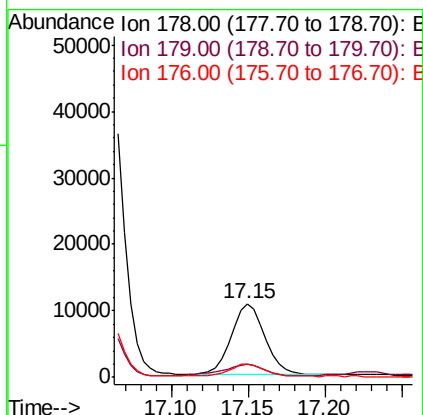
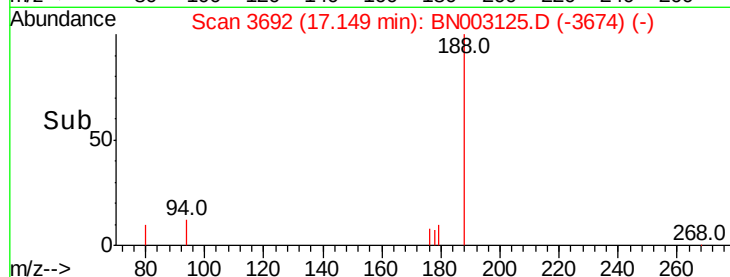
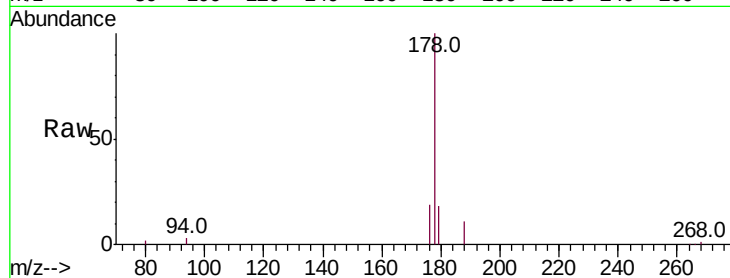
178 100

179 17.7 13.0 19.6

176 18.7 15.3 22.9

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#15

Fluoranthene

Concen: 5.624 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

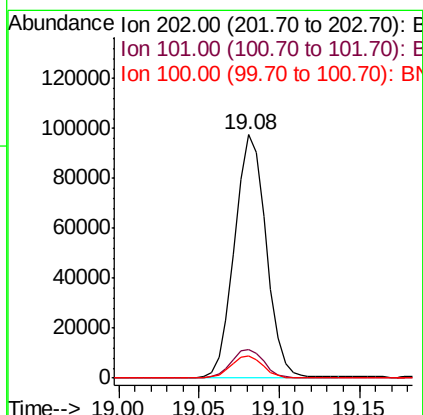
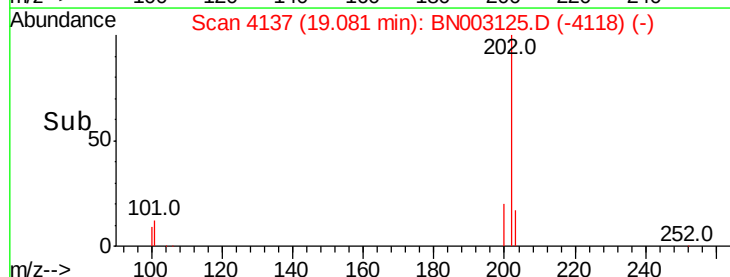
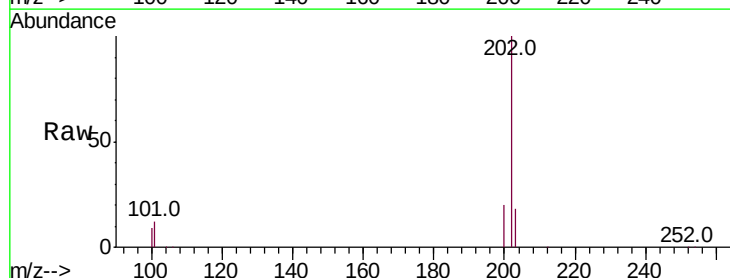
Tgt Ion:202 Resp: 133064

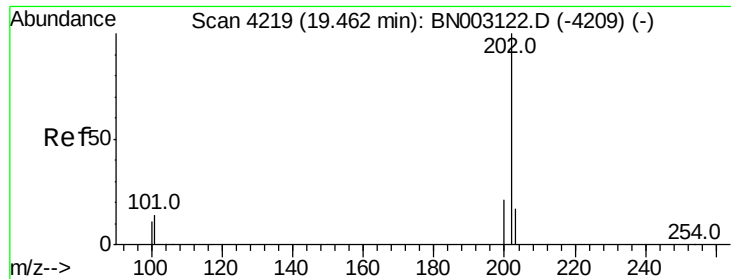
Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.3

100 9.0 0.0 29.1





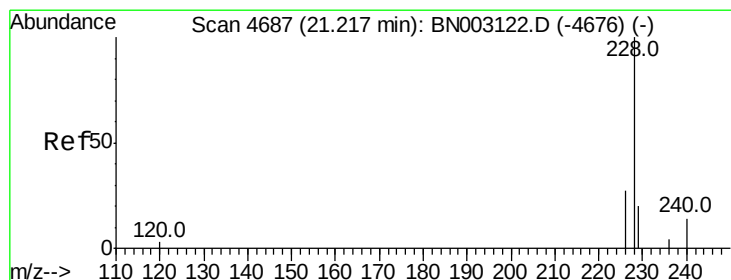
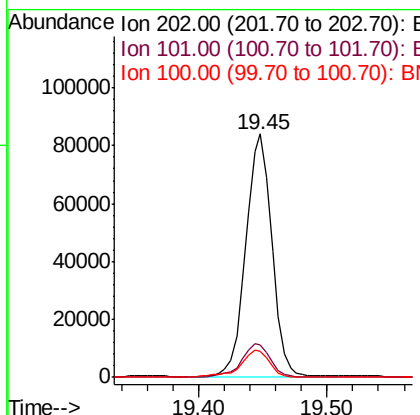
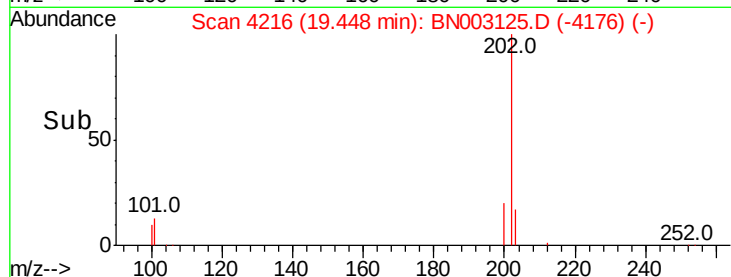
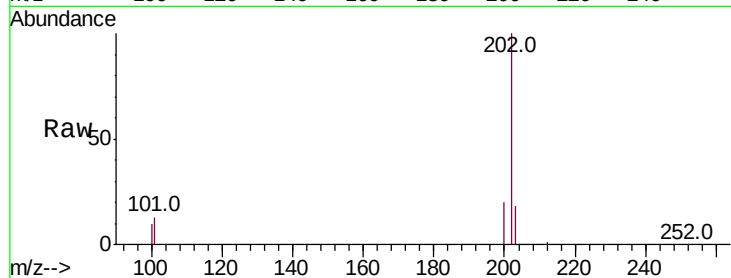
#17
Pvrene
Concen: 6.226 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Instrument :
BNA_N
ClientSampleId :
A3YY3DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	11.9	17.9
100	10.5	9.9	14.9

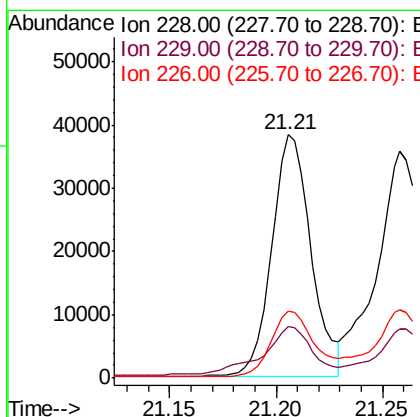
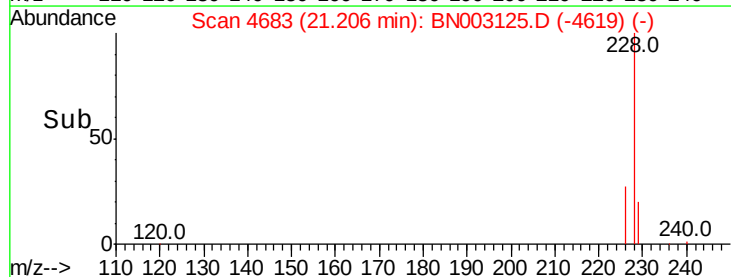
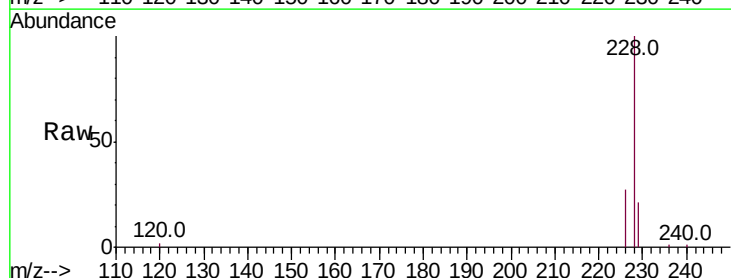
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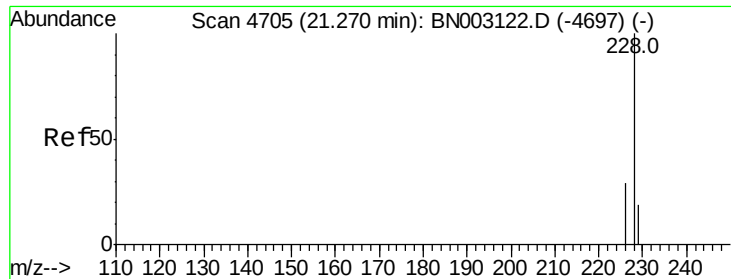
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#18
Benzo(a)anthracene
Concen: 3.096 ng/ul
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	16.2	24.2
226	27.4	22.3	33.5





#19

Chrysene

Concen: 3.296 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

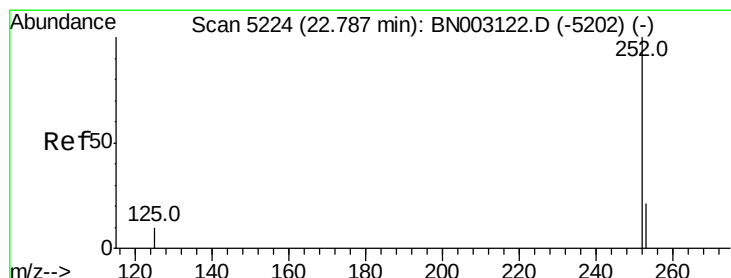
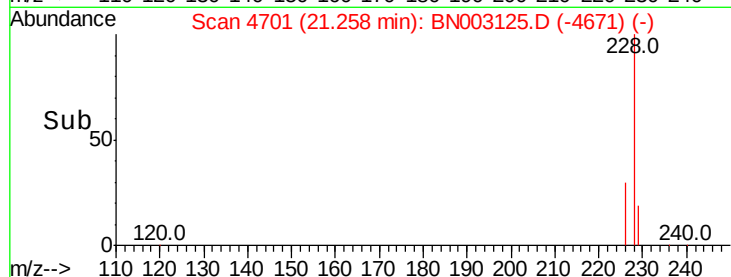
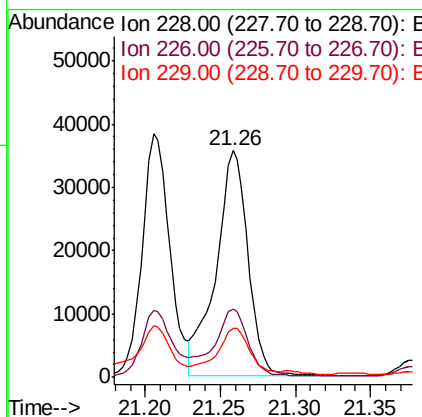
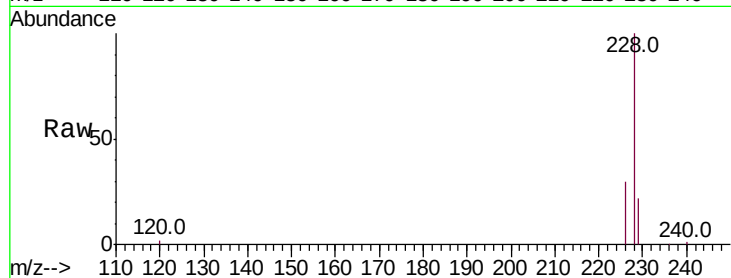
ClientSampleId :

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Tot Ion:	228	Resp:	52440
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.4
229	21.9	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 3.411 ng/ul m

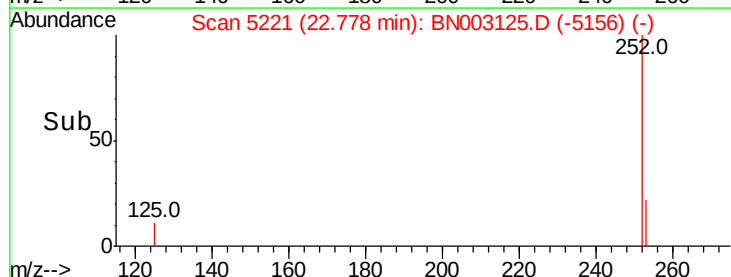
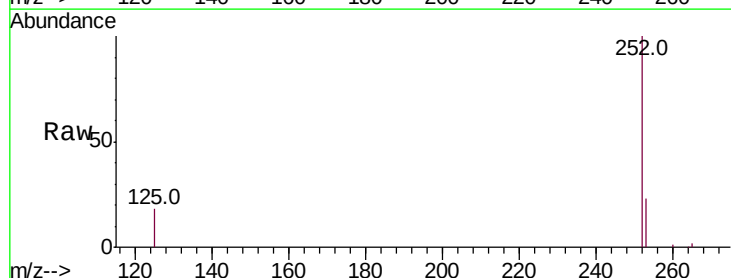
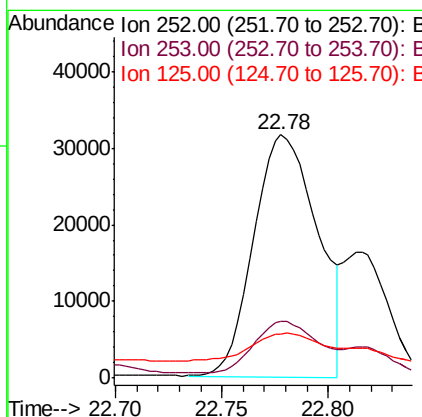
RT: 22.78 min Scan# 5221

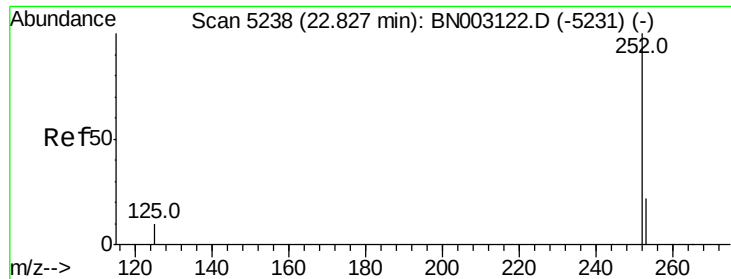
Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Tgt Ion:	252	Resp:	66220
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	53.2
125	18.3	0.0	34.2





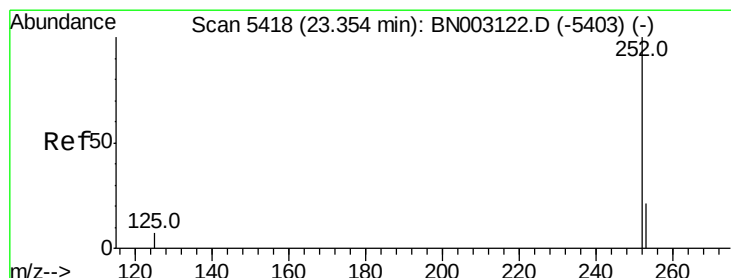
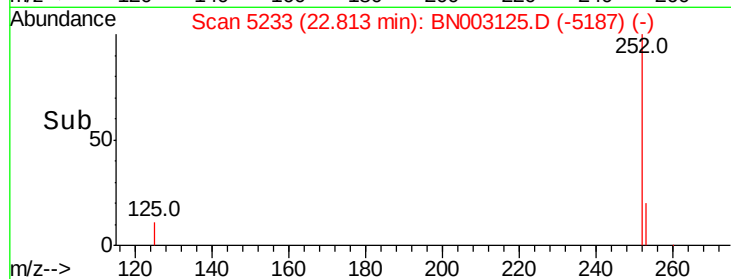
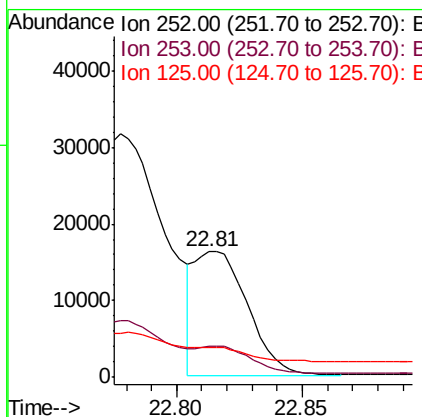
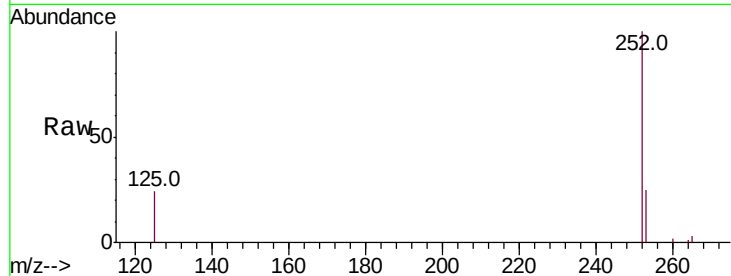
#22
Benzo(k)fluoranthene
Concen: 1.186 ng/ul m
RT: 22.81 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Instrument :
BNA_N
ClientSampleId :
A3YY3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.3	31.9
125	23.8	14.1	21.1

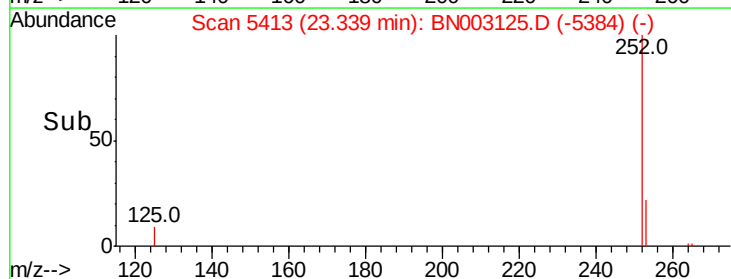
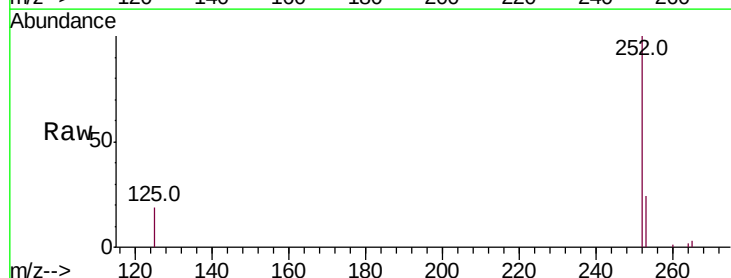
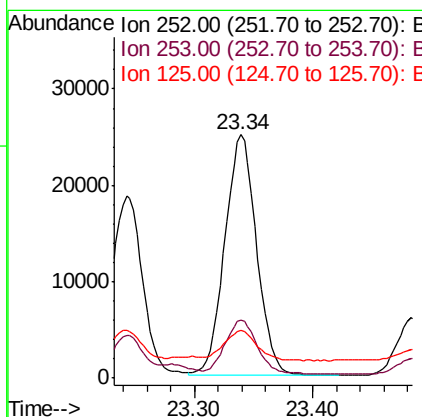
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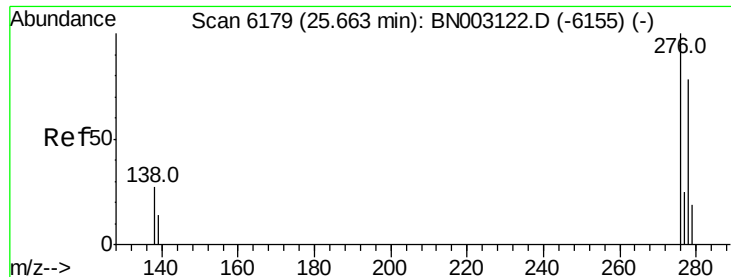
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#23
Benzo(a)pyrene
Concen: 2.680 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	23.1	34.7
125	19.4	16.9	25.3





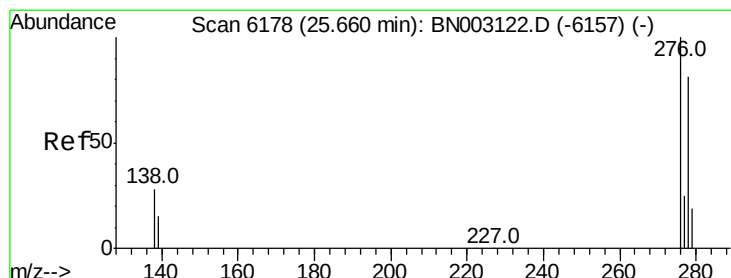
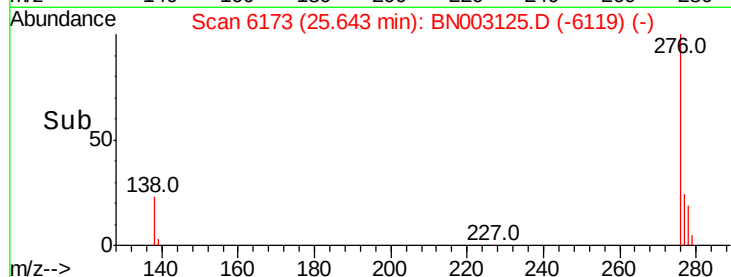
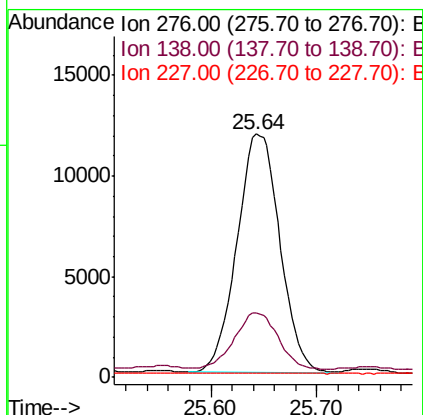
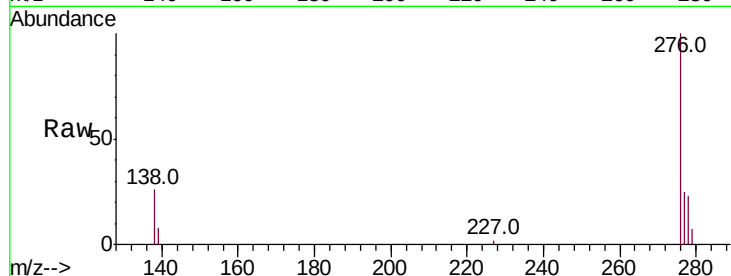
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.671 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Instrument :
BNA_N
ClientSampleId :
A3YY3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.5	32.3
227	0.1	0.3	0.5

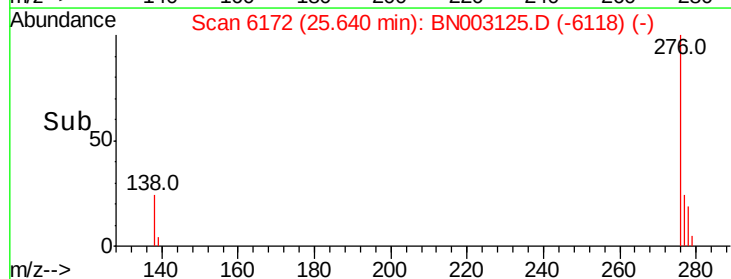
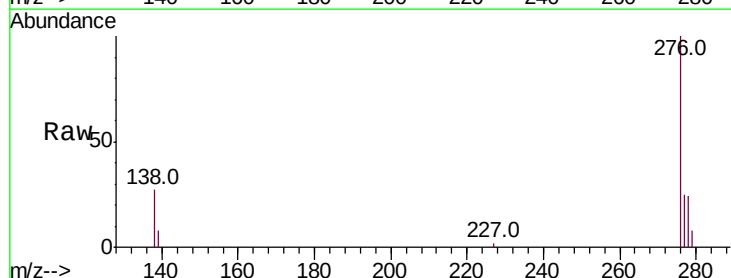
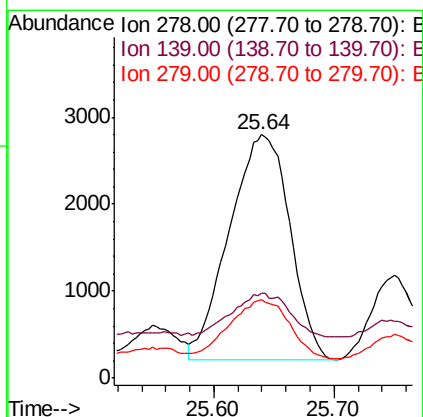
Manual Integrations
APPROVED

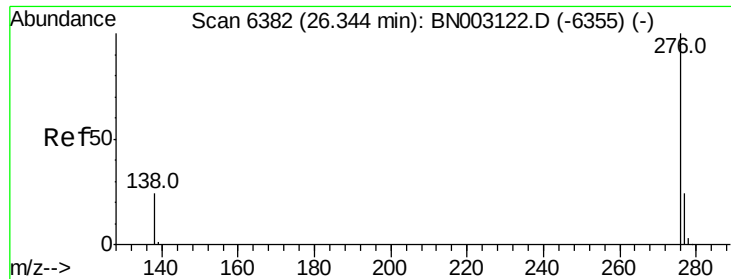
Sohil
10/12/2018 6:38:34 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.564 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.02 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.7	20.2	30.4
279	32.4	23.8	35.8





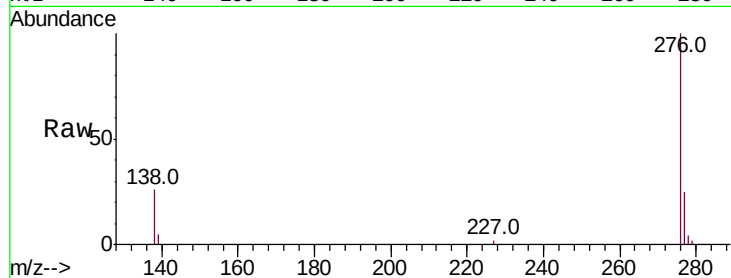
#26
 Benzo(a,h,i)perylene
 Concen: 1.870 ng/ul
 RT: 26.32 min Scan# 6376
 Delta R.T. -0.02 min
 Lab File: BN003125.D
 Acq: 12 Oct 2018 04:14

Instrument :
 BNA_N
 ClientSampleId :
 A3YY3DL

Tot Ion:	276	Resp:	31532
Ion Ratio	Lower	Upper	
276	100		
138	26.2	23.0	34.4
277	25.2	22.0	33.0

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:38:34 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

