

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003141.D
 Acq On : 12 Oct 2018 16:16
 Operator : MJ/SJ
 Sample : J5230-06DL 10X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04DL

Manual Integrations
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 10/12/2018 6:38:52 PM

Quant Time: Oct 12 16:51:13 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	1354	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	5808	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7329	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	4788	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4563	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	315	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	642	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	1377	0.092	ng/ul#	84
5) 2-Methylnaphthalene	12.10	142	1181	0.115	ng/ul	97
7) Acenaphthylene	13.99	152	3776	0.240	ng/ul	96
12) Phenanthrene	17.06	178	6772	0.331	ng/ul	99
13) Anthracene	17.16	178	3377	0.175	ng/ul#	94
15) Fluoranthene	19.09	202	23631	0.986	ng/ul	99
17) Pyrene	19.45	202	20523	1.104	ng/ul	97
18) Benzo(a)anthracene	21.21	228	9914	0.643	ng/ul	95
19) Chrysene	21.27	228	12478	0.798	ng/ul	96
21) Benzo(b)fluoranthene	22.78	252	17038m	1.037	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	5786m	0.340	ng/ul	
23) Benzo(a)pyrene	23.35	252	7943	0.539	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.66	276	7256	0.429	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.66	278	2090	0.154	ng/ul#	36
26) Benzo(g,h,i)perylene	26.34	276	6071	0.425	ng/ul#	90

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

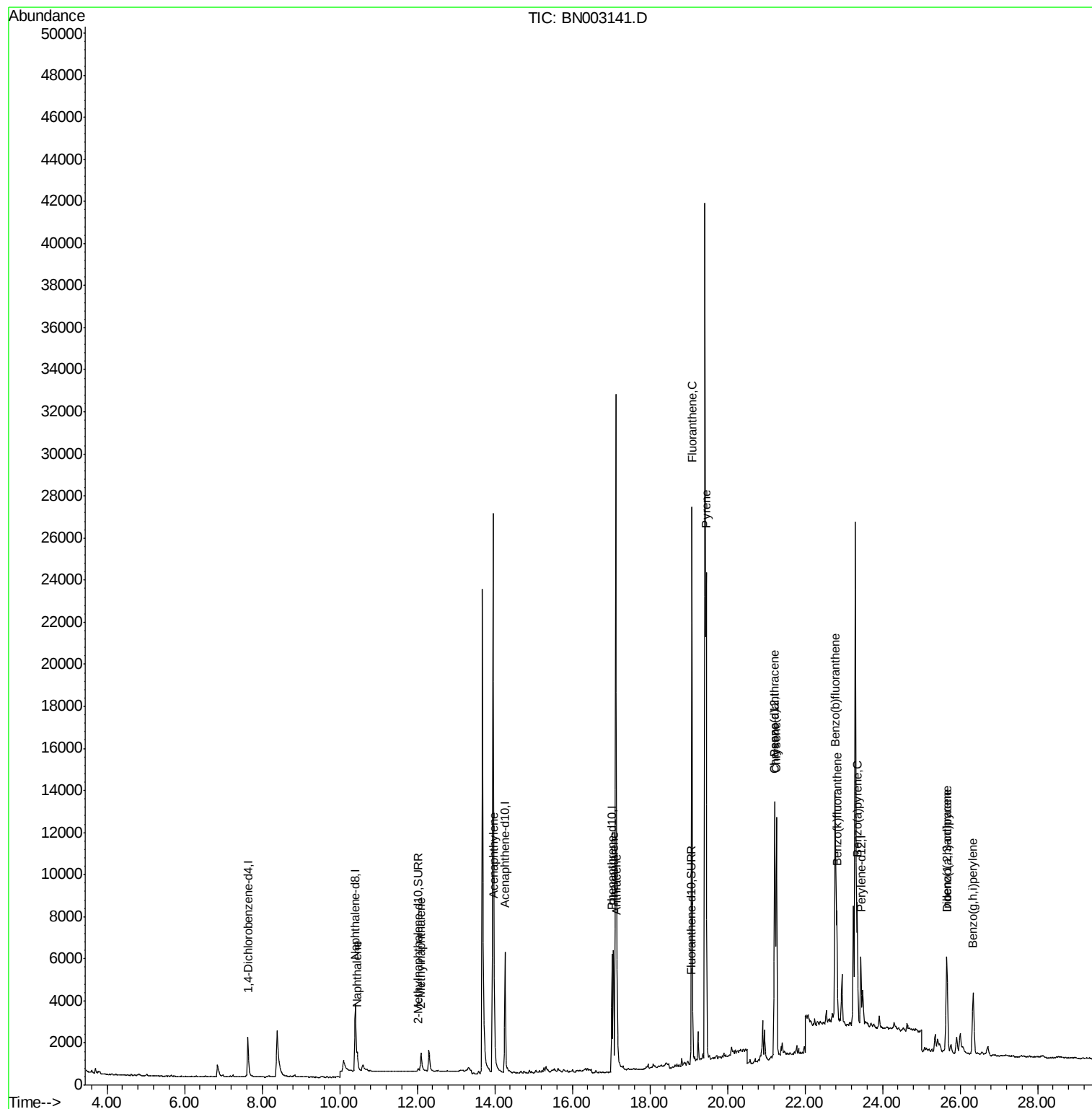
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003141.D
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Misc :
ALS Vial : 43 Sample Multiplier: 1

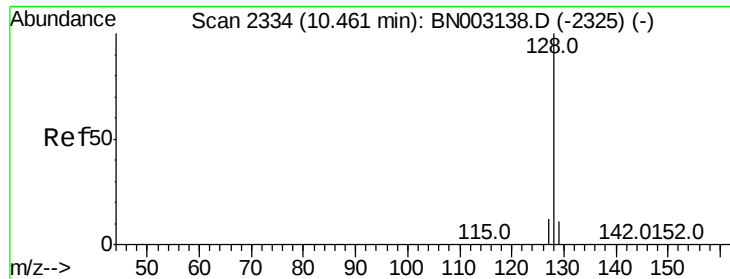
Instrument :
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A3Z04DL

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Quant Time: Oct 12 16:51:13 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





#3

Naphthalene

Concen: 0.092 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

Instrument :

BNA_N

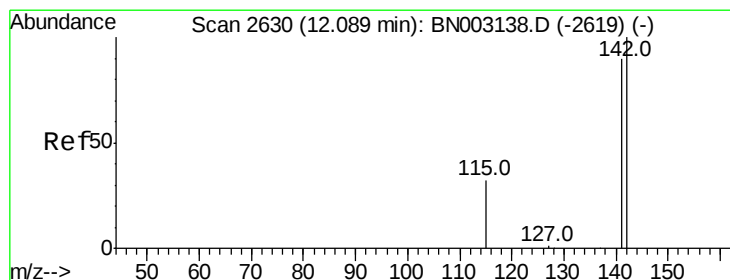
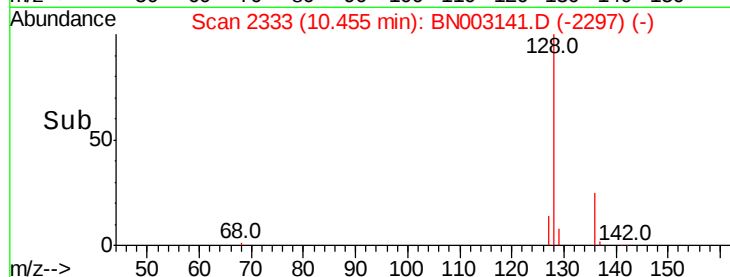
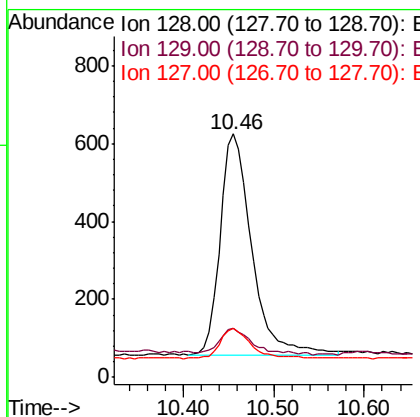
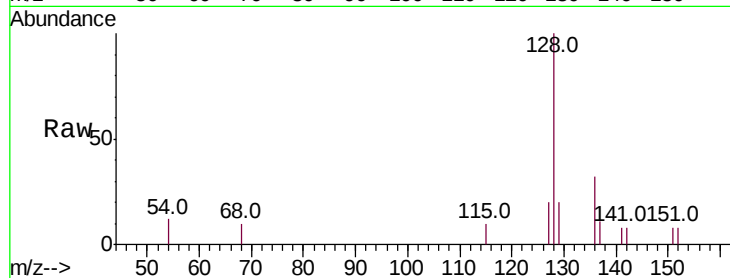
ClientSampleId :

A3Z04DL

Tot Ion:	128	Resp:	1377
Ion Ratio	Lower	Upper	
128	100		
129	20.3	10.4	15.6#
127	20.2	11.7	17.5#

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#5

2-Methylnaphthalene

Concen: 0.115 ng/ul

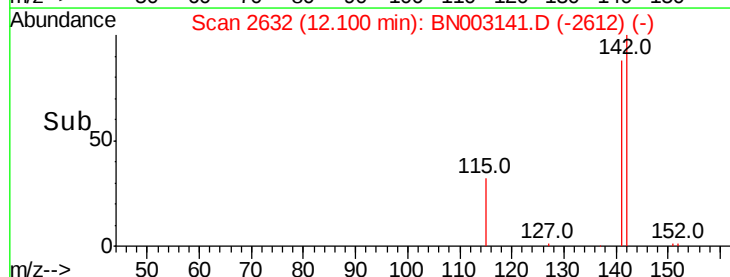
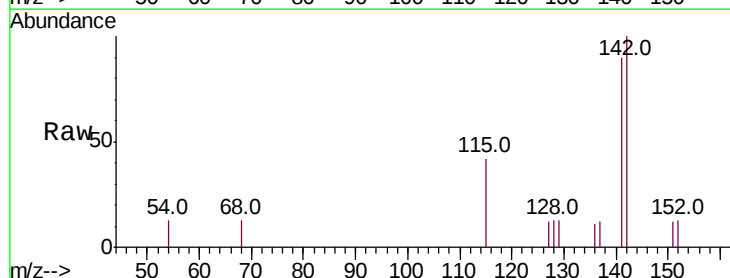
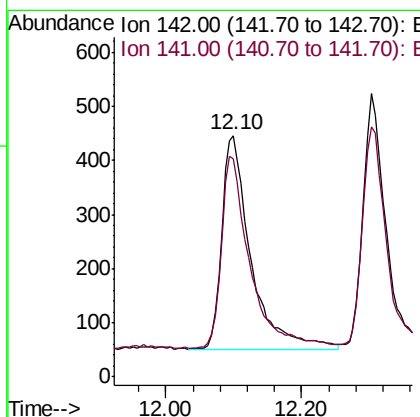
RT: 12.10 min Scan# 2632

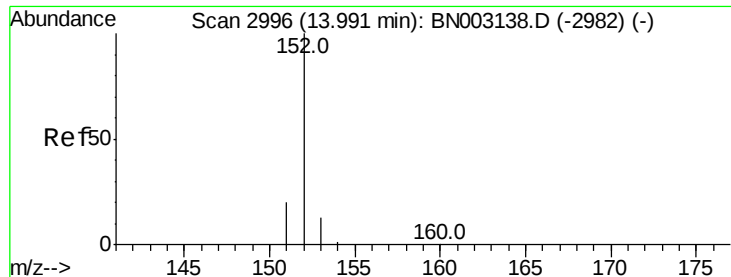
Delta R.T. 0.01 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

Tgt Ion:	142	Resp:	1181
Ion Ratio	Lower	Upper	
142	100		
141	88.7	73.4	110.0





#7

Acenaphthylene

Concen: 0.240 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

Instrument :

BNA_N

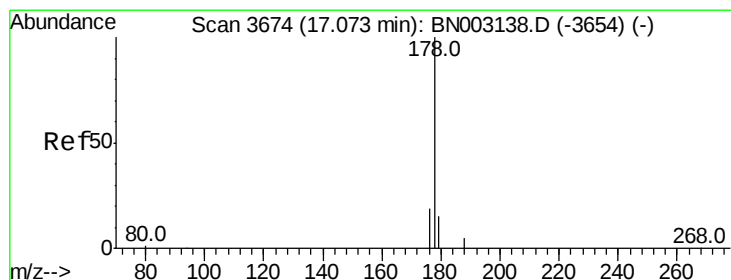
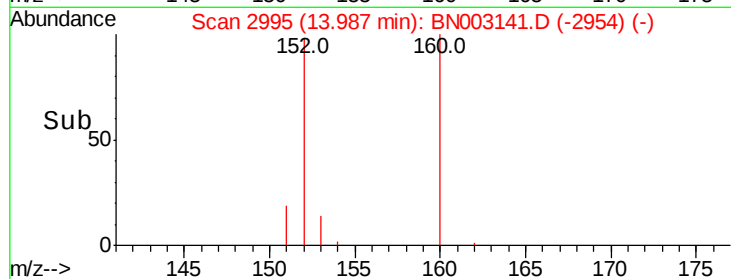
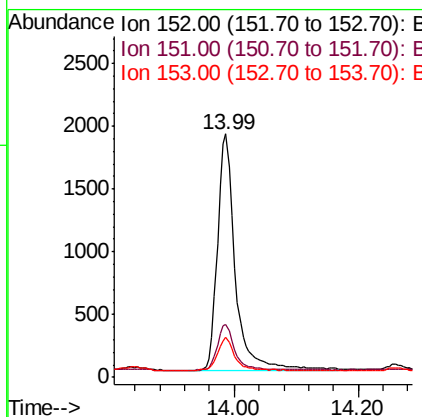
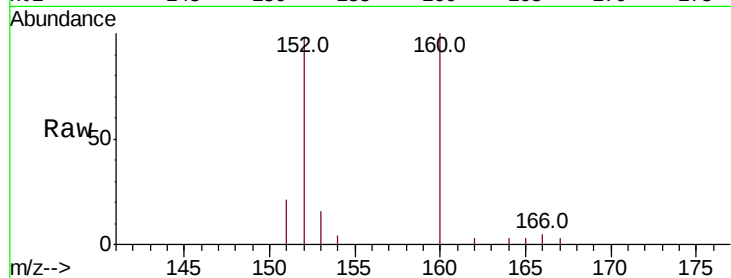
ClientSampleId :

A3Z04DL

Tot Ion:	152	Resp:	3776
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.5	24.7
153	16.5	11.4	17.2

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#12

Phenanthrene

Concen: 0.331 ng/ul

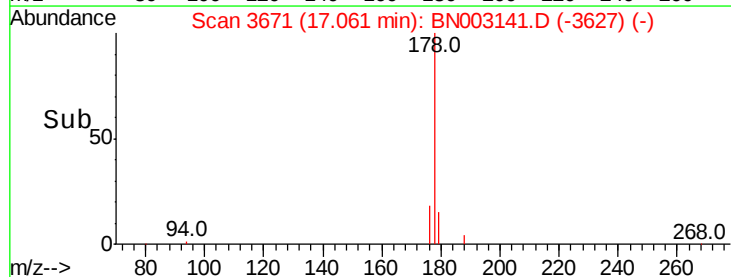
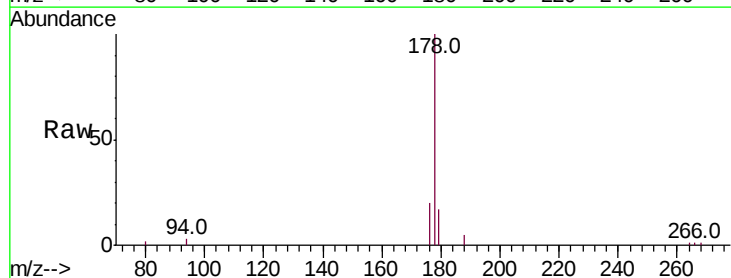
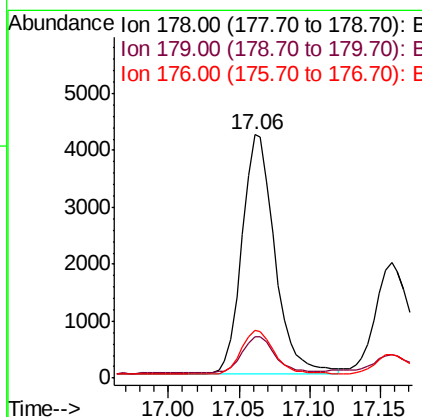
RT: 17.06 min Scan# 3671

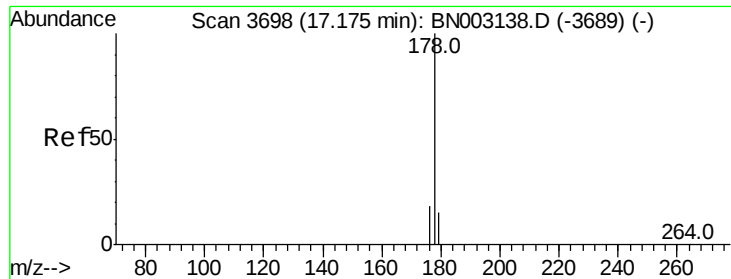
Delta R.T. -0.01 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

Tgt Ion:	178	Resp:	6772
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.9	19.3
176	19.5	15.4	23.2





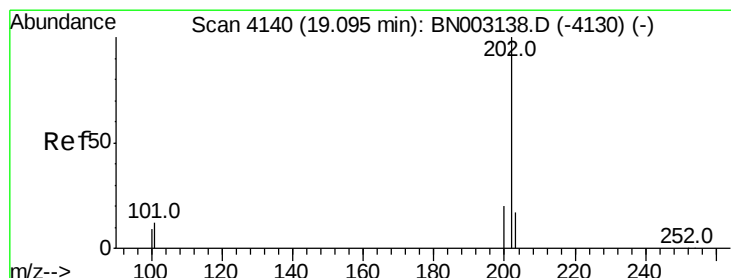
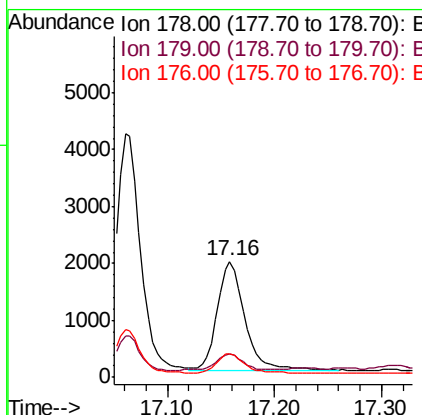
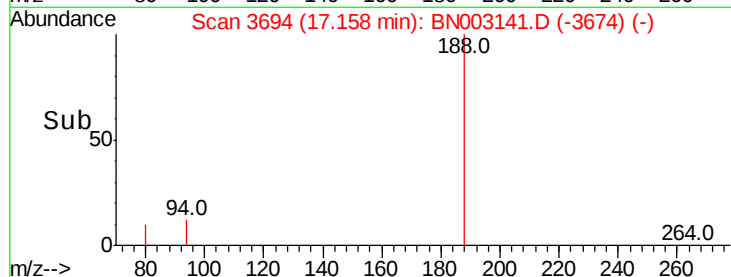
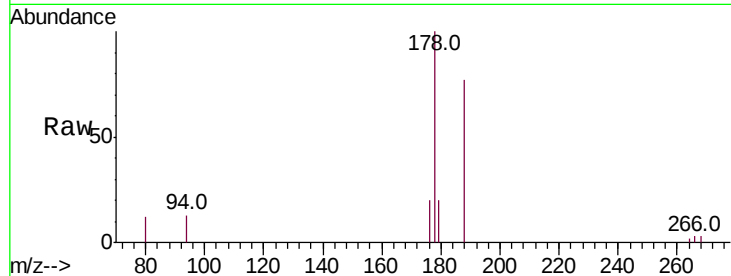
#13
 Anthracene
 Concen: 0.175 ng/ul
 RT: 17.16 min Scan# 3694
 Delta R.T. -0.02 min
 Lab File: BN003141.D
 Acq: 12 Oct 2018 16:16

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.9	13.0	19.6#
176	20.5	15.3	22.9

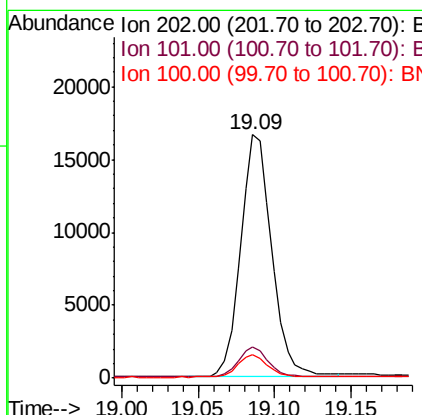
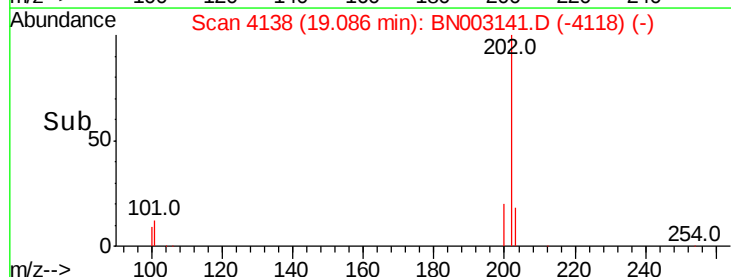
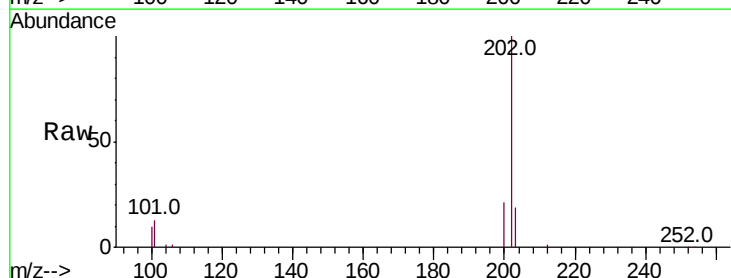
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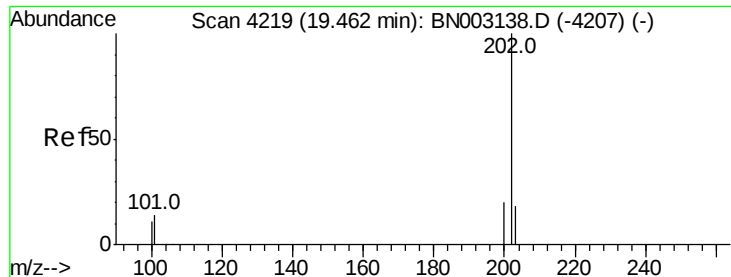
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#15
 Fluoranthene
 Concen: 0.986 ng/ul
 RT: 19.09 min Scan# 4138
 Delta R.T. -0.01 min
 Lab File: BN003141.D
 Acq: 12 Oct 2018 16:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.3
100	9.7	0.0	29.1





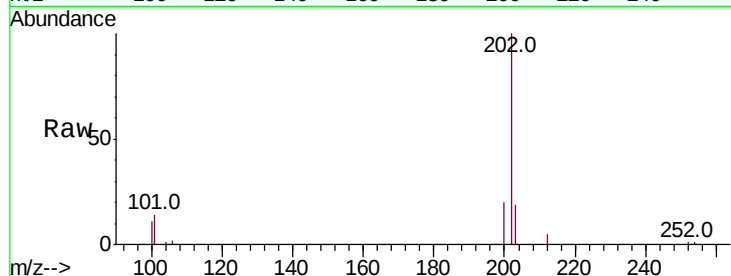
#17
Pvrene
Concen: 1.104 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003141.D
Acq: 12 Oct 2018 16:16

Instrument :
BNA_N
ClientSampleId :
A3Z04DL

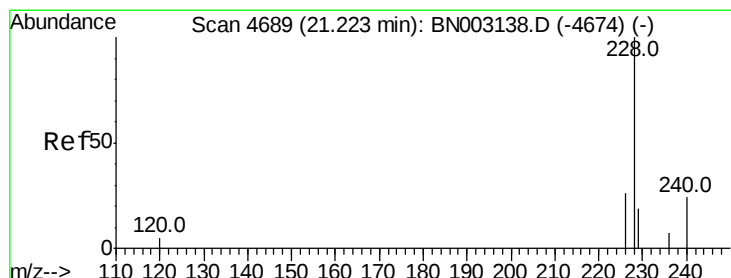
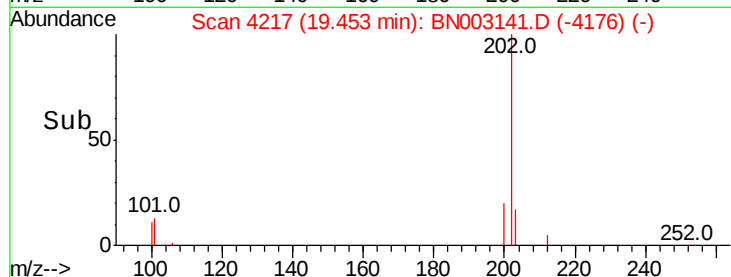
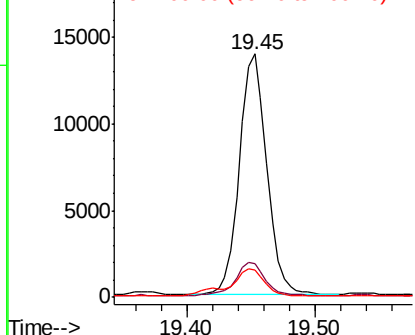
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.9	17.9
100	11.2	9.9	14.9

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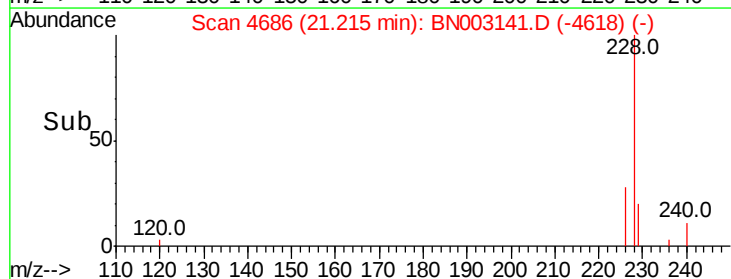
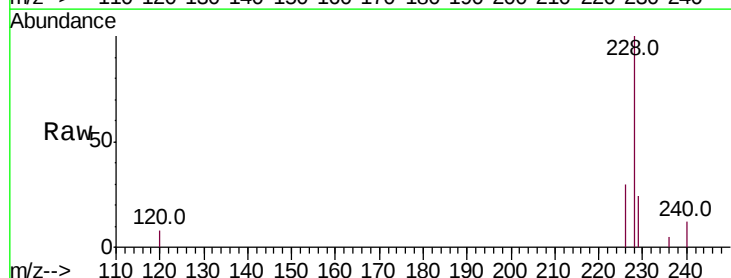
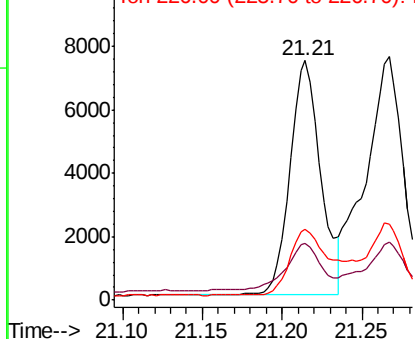
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

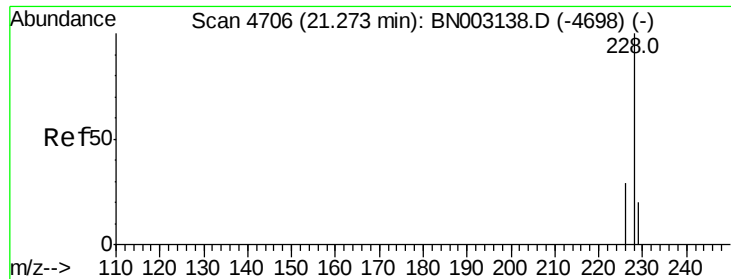


#18
Benzo(a)anthracene
Concen: 0.643 ng/ul
RT: 21.21 min Scan# 4686
Delta R.T. -0.00 min
Lab File: BN003141.D
Acq: 12 Oct 2018 16:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.2	24.2
226	29.6	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: 0.798 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. -0.00 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

Instrument :

BNA_N

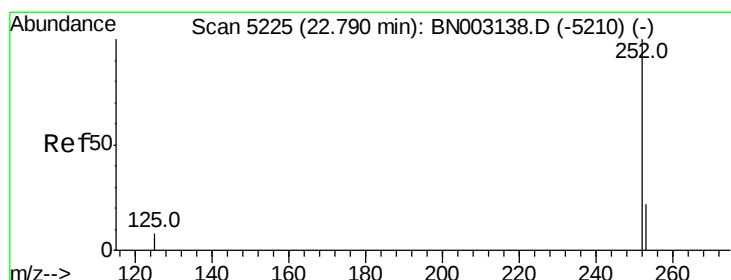
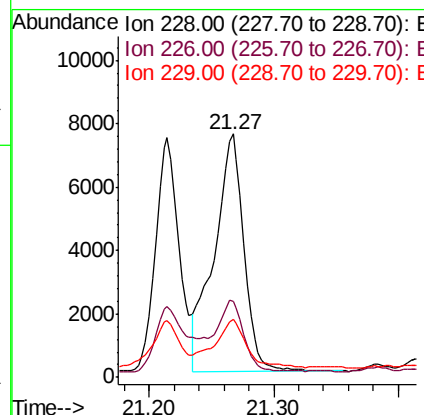
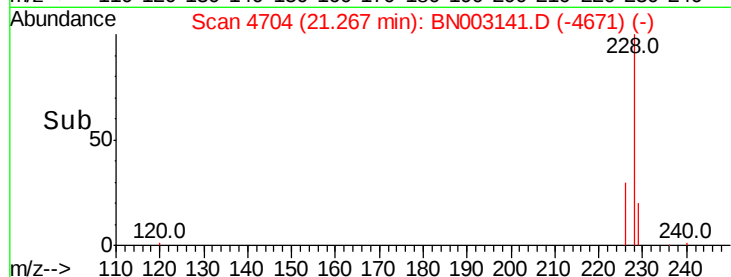
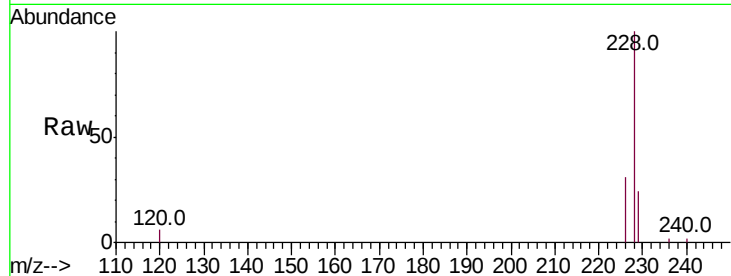
ClientSampled :

A3Z04DL

Tot Ion:	228	Resp:	12478
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.2	36.4
229	23.8	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 1.037 ng/ul m

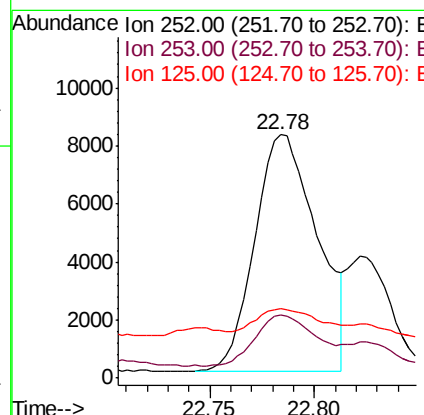
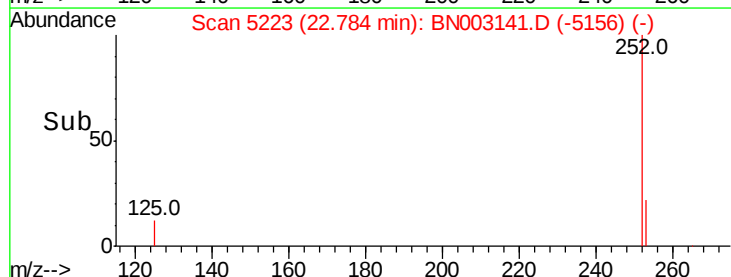
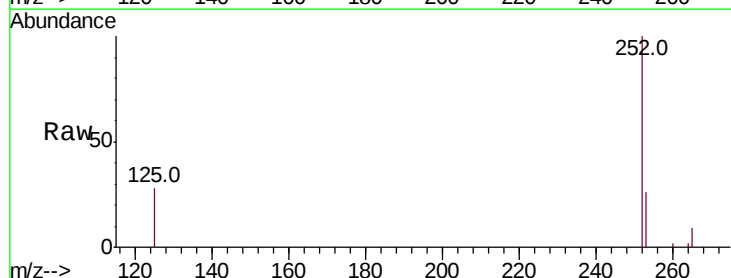
RT: 22.78 min Scan# 5223

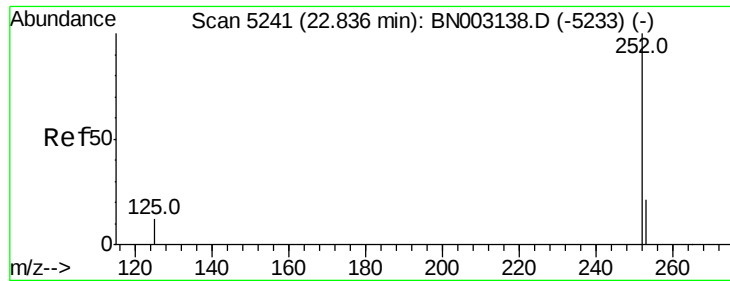
Delta R.T. -0.00 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

Tgt Ion:	252	Resp:	17038
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	53.2
125	28.4	0.0	34.2





#22

Benzo(k)fluoranthene

Concen: 0.340 ng/ul m

RT: 22.82 min Scan# 5236

Delta R.T. -0.01 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

Instrument :

BNA_N

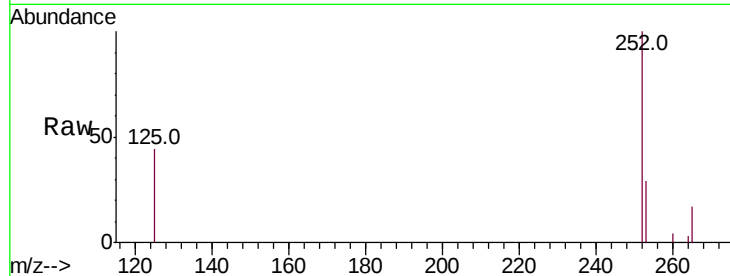
ClientSampled :

A3Z04DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	21.3	31.9
125	44.2	14.1	21.1#

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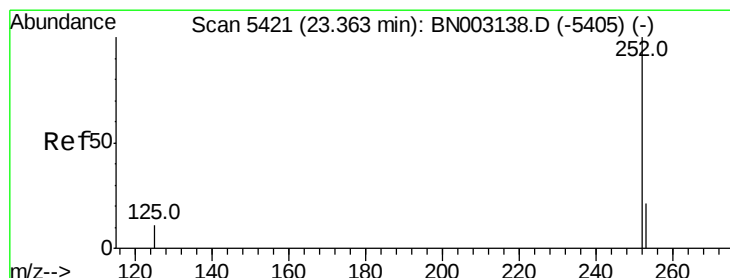
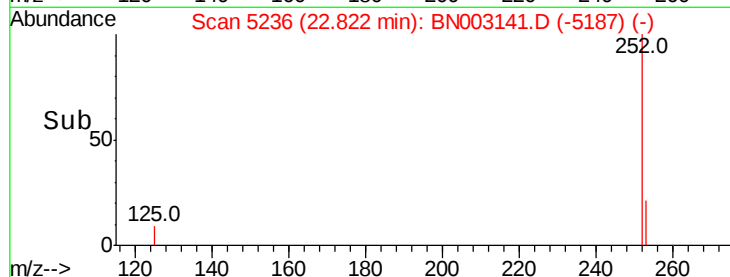
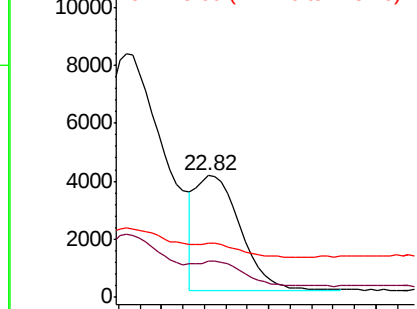


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.539 ng/ul

RT: 23.35 min Scan# 5416

Delta R.T. -0.01 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

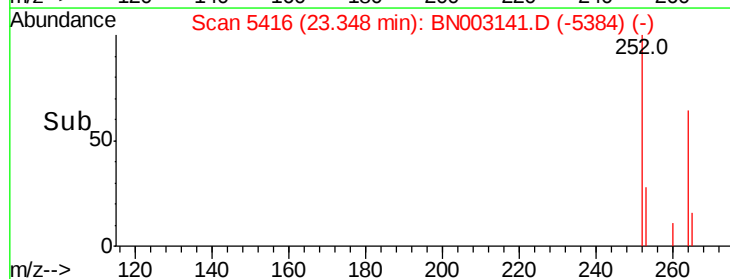
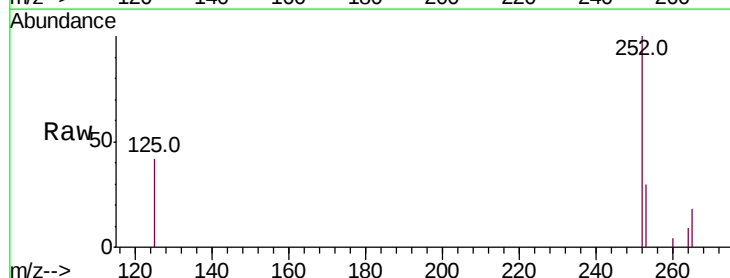
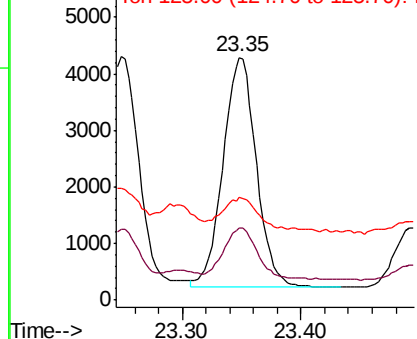
Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	23.1	34.7
125	42.3	16.9	25.3#

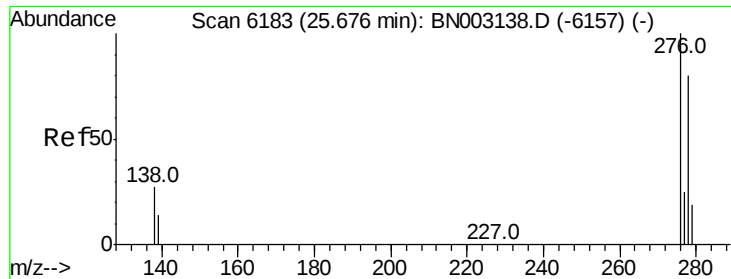
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

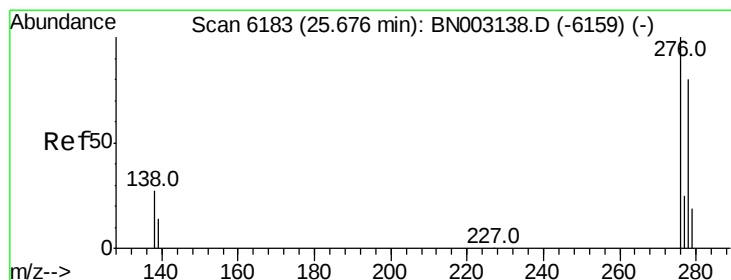
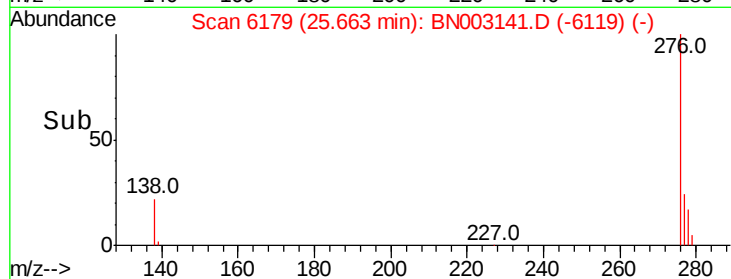
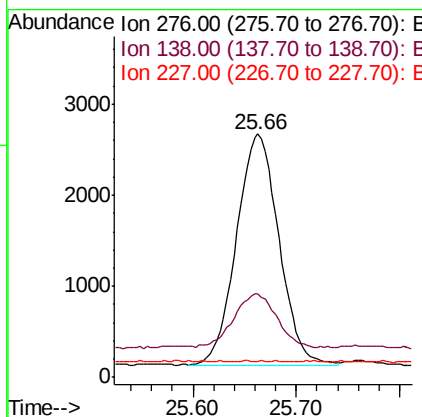
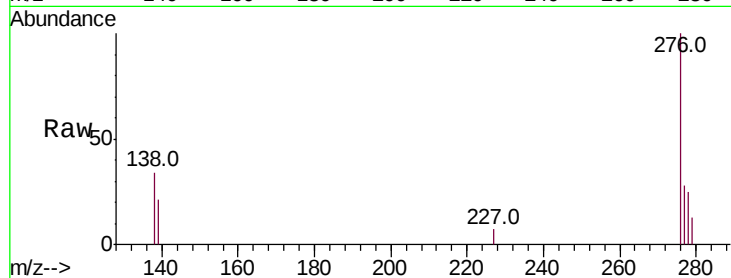
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng/ul
RT: 25.66 min Scan# 6179
Delta R.T. 0.00 min
Lab File: BN003141.D
Acq: 12 Oct 2018 16:16

Instrument :
BNA_N
ClientSampleId :
A3Z04DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.5	32.3
227	0.2	0.3	0.5

Manual Integrations
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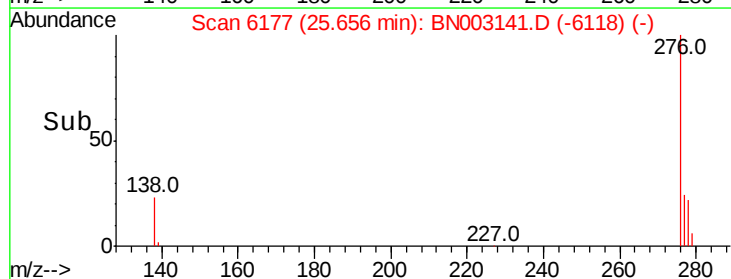
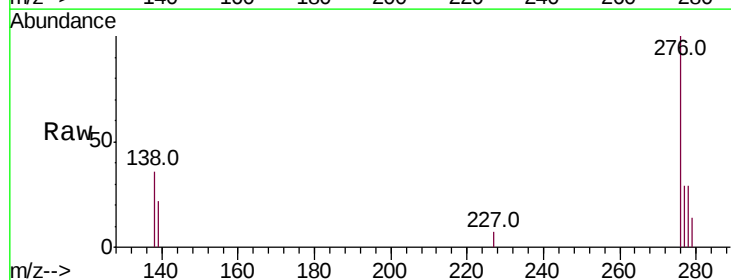
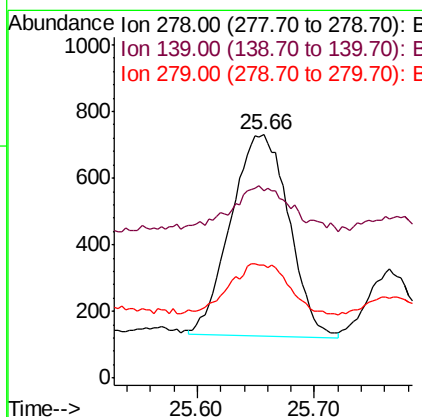
Sohil
10/12/2018 6:38:52 PM

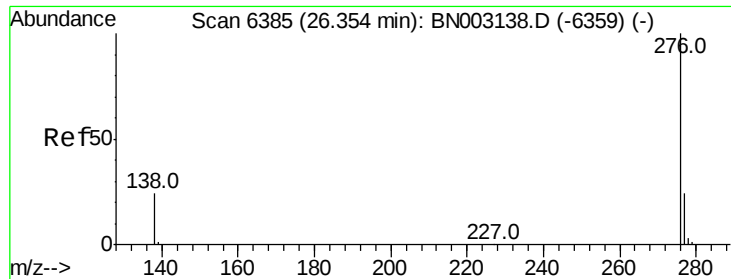


#25

Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 25.66 min Scan# 6177
Delta R.T. -0.00 min
Lab File: BN003141.D
Acq: 12 Oct 2018 16:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	76.9	20.2	30.4
279	46.5	23.8	35.8





#26

Benzo(a,h,i)perylene

Concen: 0.425 ng/ul

RT: 26.34 min Scan# 6381

Delta R.T. -0.00 min

Lab File: BN003141.D

Acq: 12 Oct 2018 16:16

Instrument :

BNA_N

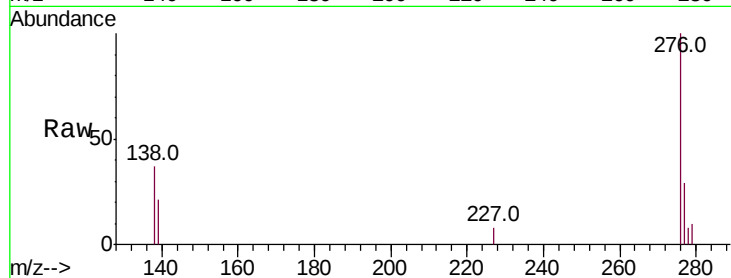
ClientSampleId :

A3Z04DL

Tot Ion:	276	Resp:	6071
Ion Ratio	Lower	Upper	
276	100		
138	37.3	23.0	34.4#
277	29.2	22.0	33.0

Manual Integrations
APPROVED

Sohil
10/12/2018 6:38:52 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

