

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003131.D
 Acq On : 12 Oct 2018 07:45
 Operator : MJ/SJ
 Sample : J5234-11DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9DL

Manual Integrations
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Quant Time: Oct 12 12:45:03 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	1576	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	5889	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	2905	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	4974	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4648	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5024	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	458	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	984m	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1818	0.120	ng/ul#	87
5) 2-Methylnaphthalene	12.07	142	5760	0.554	ng/ul	98
7) Acenaphthylene	13.98	152	928	0.070	ng/ul#	43
8) Acenaphthene	14.32	153	1445	0.143	ng/ul	96
9) Fluorene	15.32	166	6470	0.560	ng/ul#	98
12) Phenanthrene	17.06	178	11717	0.845	ng/ul#	95
13) Anthracene	17.15	178	3593	0.274	ng/ul#	87
15) Fluoranthene	19.08	202	8665	0.533	ng/ul	94
17) Pyrene	19.45	202	10723	0.594	ng/ul	98
18) Benzo(a)anthracene	21.21	228	3884	0.260	ng/ul#	74
19) Chrysene	21.26	228	3854	0.254	ng/ul#	77
21) Benzo(b)fluoranthene	22.78	252	3837m	0.212	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1411m	0.075	ng/ul	
23) Benzo(a)pyrene	23.34	252	3083	0.190	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.65	276	1948	0.105	ng/ul	91
25) Dibenzo(a,h)anthracene	25.65	278	468	0.031	ng/ul#	1
26) Benzo(a,h,i)perylene	26.33	276	1819	0.116	ng/ul#	74

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

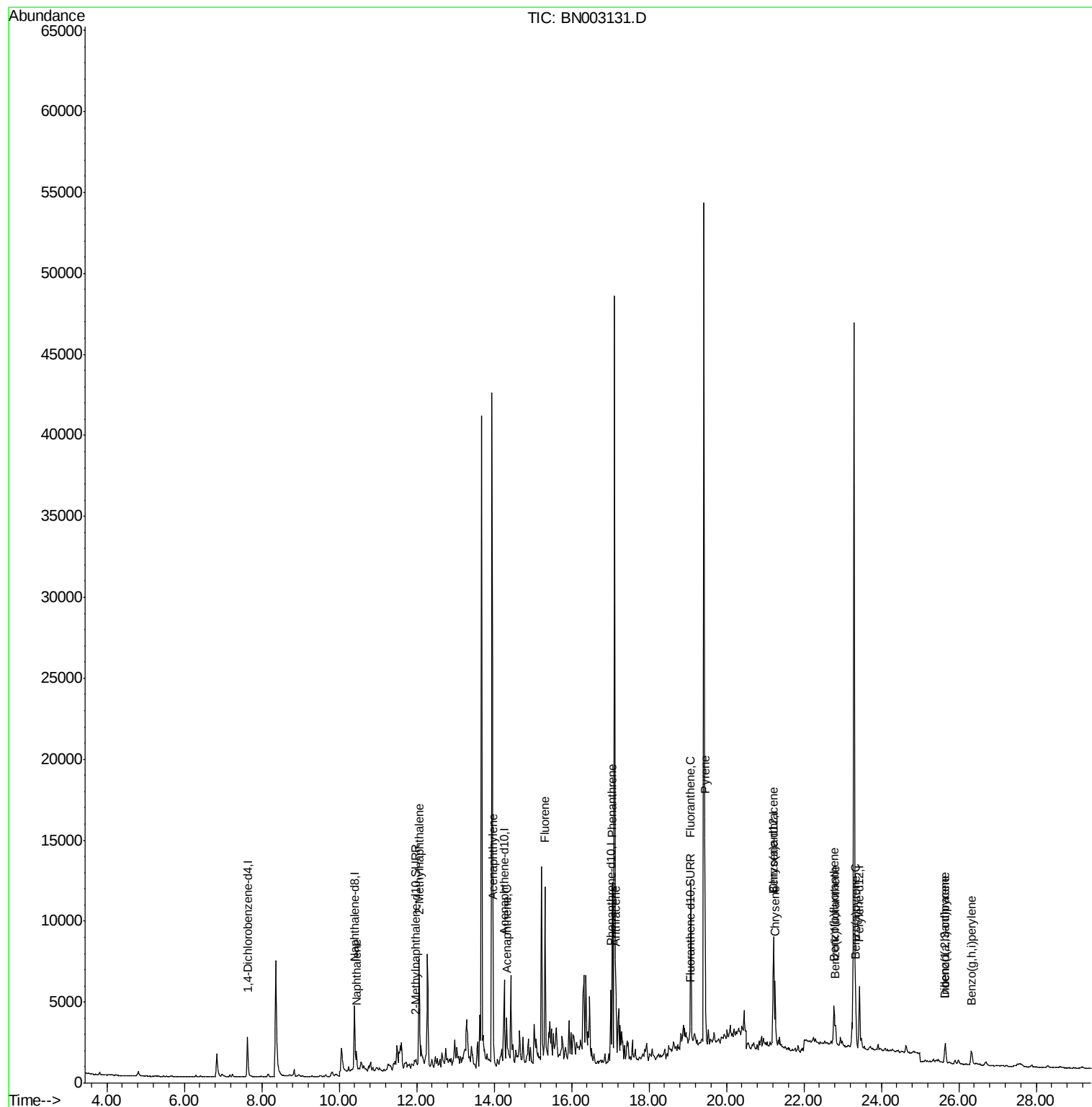
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
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ALS Vial : 32 Sample Multiplier: 1

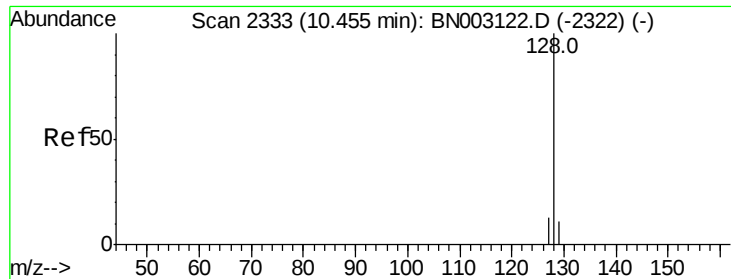
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.120 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN003131.D

Acq: 12 Oct 2018 07:45

Instrument :

BNA_N

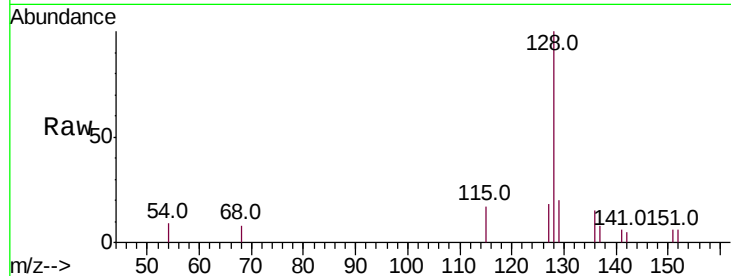
ClientSampleId :

C0AK9DL

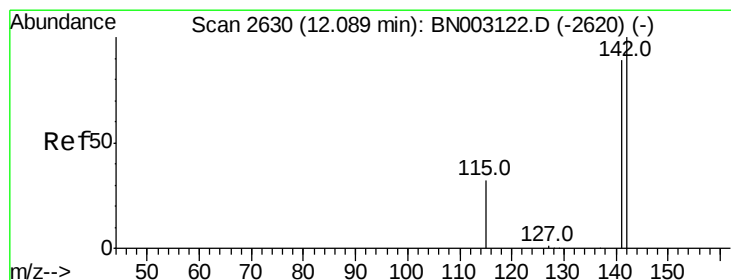
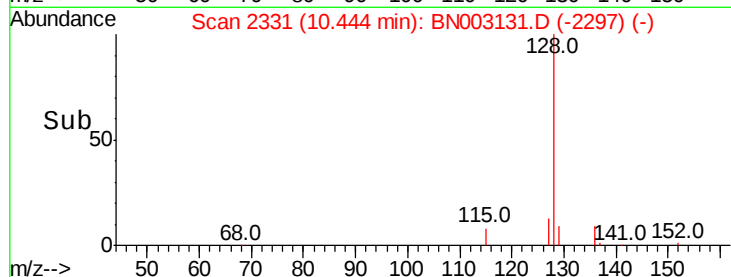
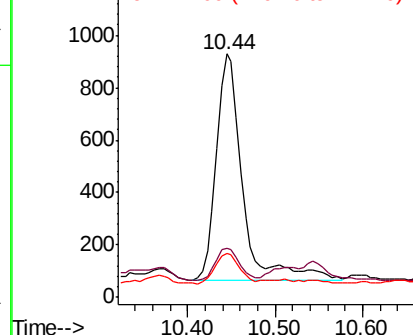
Tot Ion:	128	Resp:	1818
Ion Ratio	Lower	Upper	
128	100		
129	20.1	10.4	15.6#
127	17.9	11.7	17.5#

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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: 0.554 ng/ul

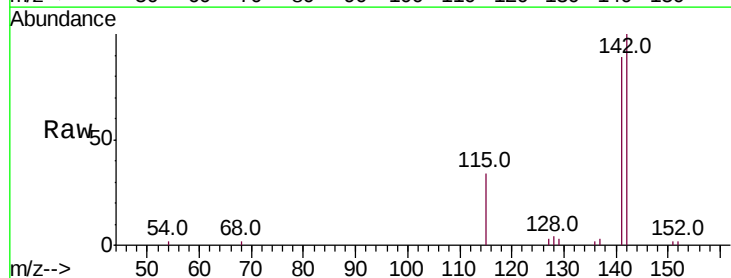
RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

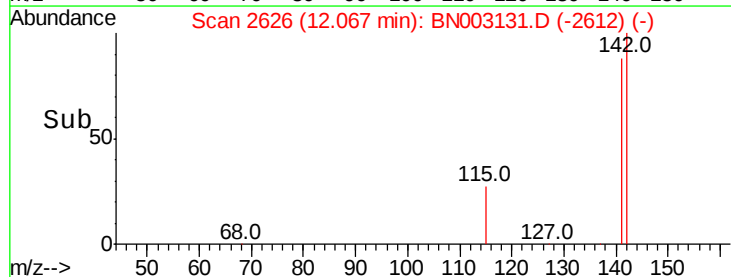
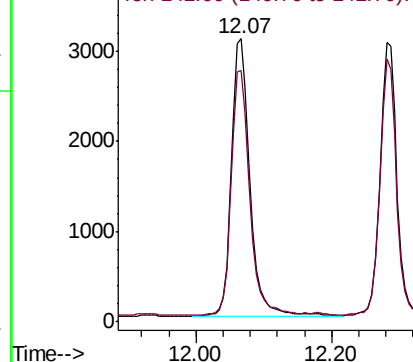
Lab File: BN003131.D

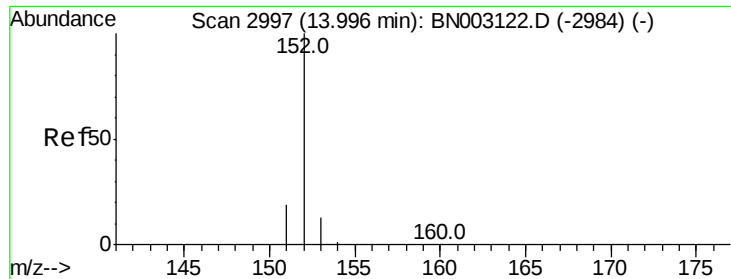
Acq: 12 Oct 2018 07:45

Tgt Ion:	142	Resp:	5760
Ion Ratio	Lower	Upper	
142	100		
141	89.6	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: 0.070 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003131.D

Acq: 12 Oct 2018 07:45

Instrument :

BNA_N

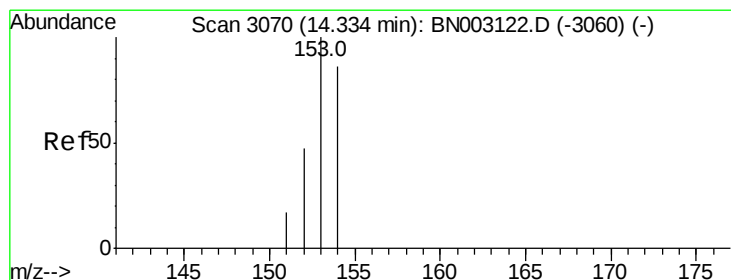
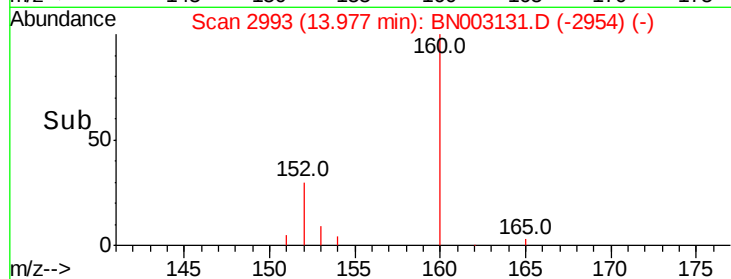
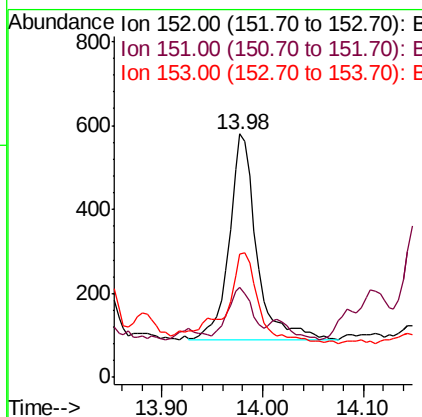
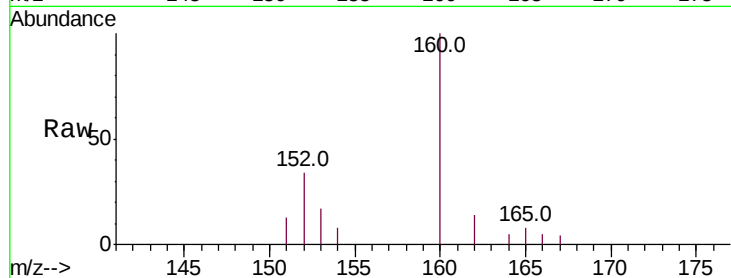
ClientSampleId :

C0AK9DL

Tot Ion:	152	Resp:	928
Ion Ratio	Lower	Upper	
152	100		
151	36.9	16.5	24.7#
153	50.5	11.4	17.2#

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#8

Acenaphthene

Concen: 0.143 ng/ul

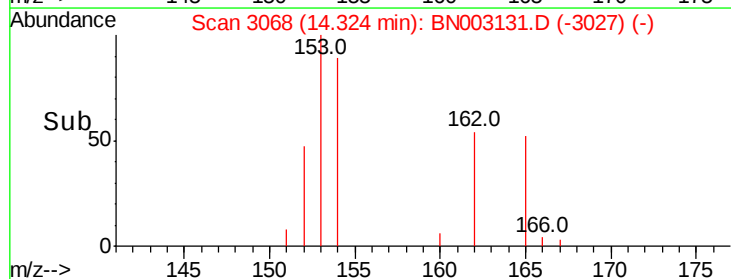
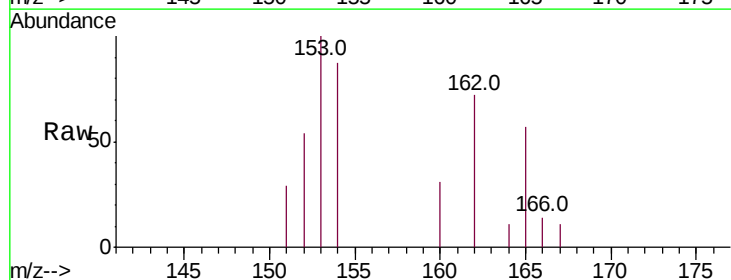
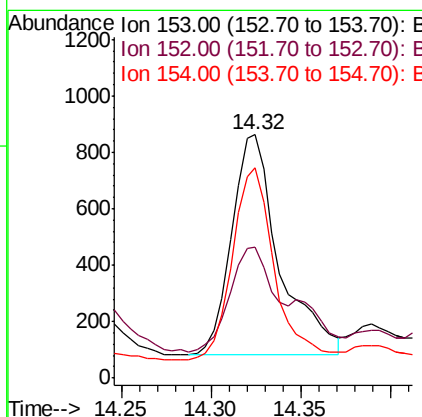
RT: 14.32 min Scan# 3068

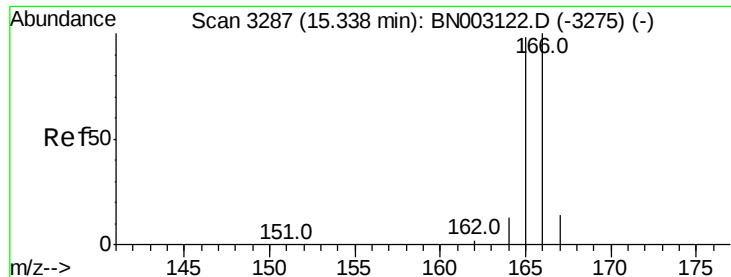
Delta R.T. -0.01 min

Lab File: BN003131.D

Acq: 12 Oct 2018 07:45

Tgt Ion:	153	Resp:	1445
Ion Ratio	Lower	Upper	
153	100		
152	53.9	38.2	57.4
154	86.6	70.2	105.2





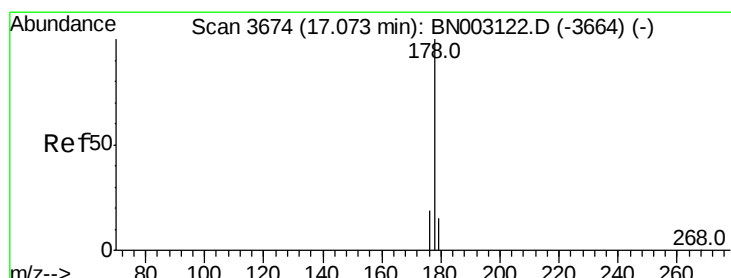
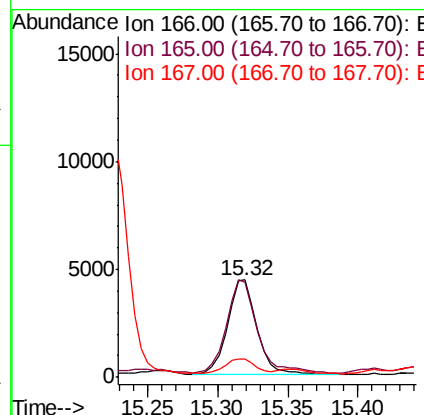
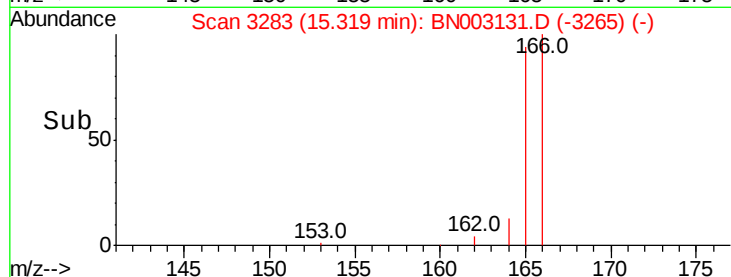
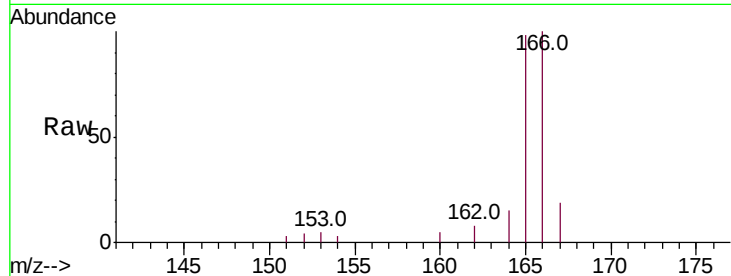
#9
Fluorene
 Concen: 0.560 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003131.D
 Acq: 12 Oct 2018 07:45

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.5	117.7
167	18.6	11.6	17.4

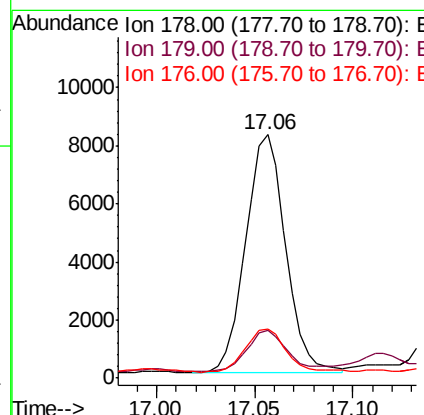
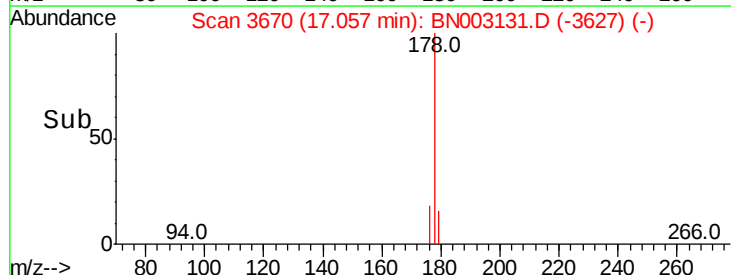
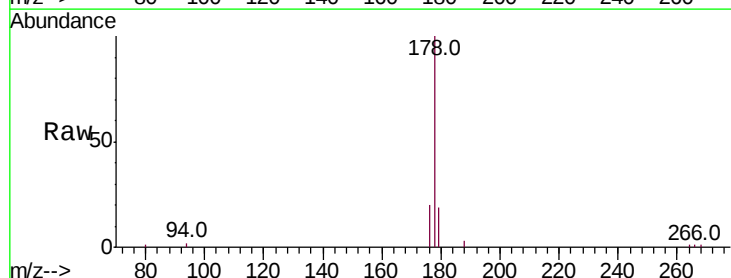
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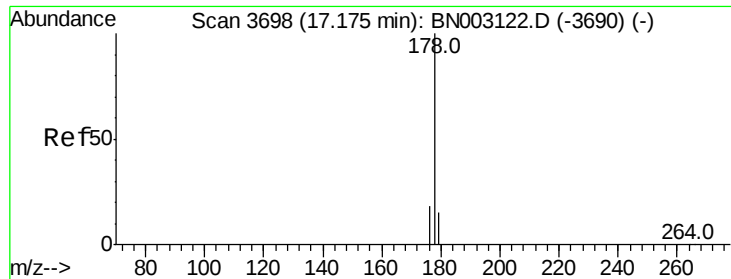
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#12
Phenanthrene
 Concen: 0.845 ng/ul
 RT: 17.06 min Scan# 3670
 Delta R.T. -0.02 min
 Lab File: BN003131.D
 Acq: 12 Oct 2018 07:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.9	19.3
176	20.4	15.4	23.2





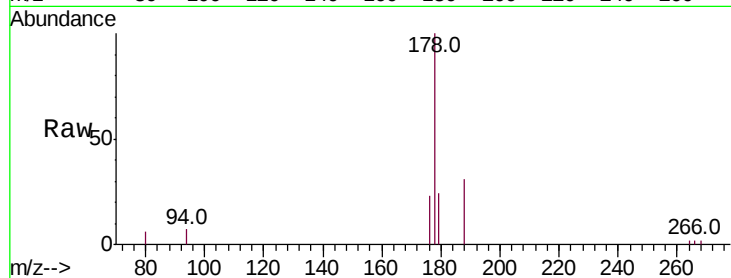
#13
 Anthracene
 Concen: 0.274 ng/ul
 RT: 17.15 min Scan# 3691
 Delta R.T. -0.03 min
 Lab File: BN003131.D
 Acq: 12 Oct 2018 07:45

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9DL

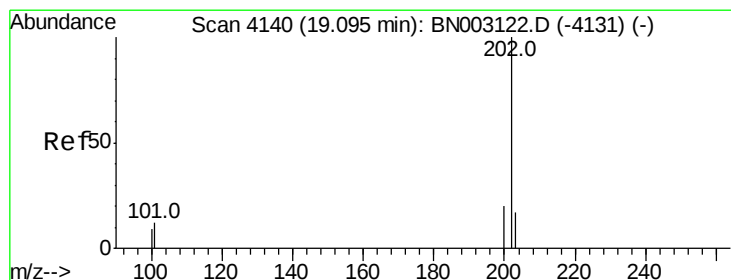
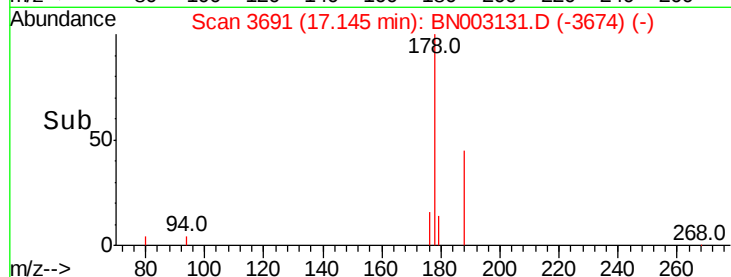
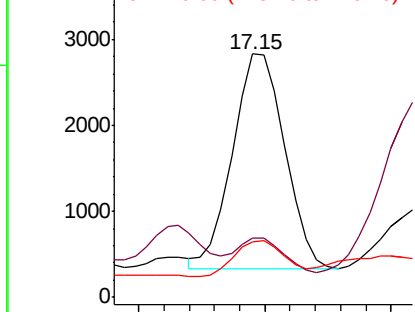
Tot Ion	Ratio	Lower	Upper
178	100		
179	24.4	13.0	19.6#
176	22.8	15.3	22.9

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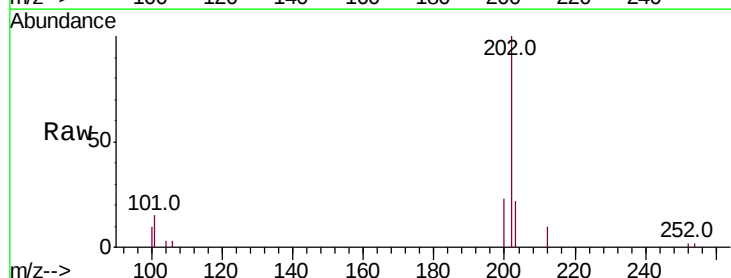


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

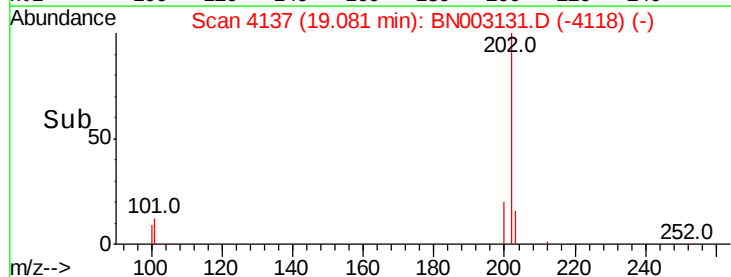
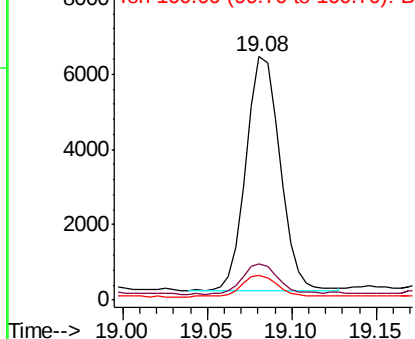


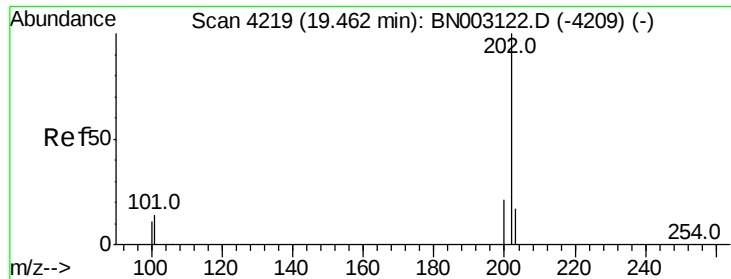
#15
 Fluoranthene
 Concen: 0.533 ng/ul
 RT: 19.08 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN003131.D
 Acq: 12 Oct 2018 07:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	32.3
100	10.4	0.0	29.1



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





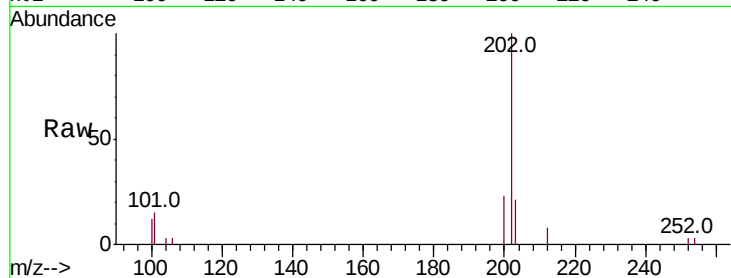
#17
Pvrene
Concen: 0.594 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003131.D
Acq: 12 Oct 2018 07:45

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	10723		
101	15.5		11.9	17.9
100	11.7		9.9	14.9

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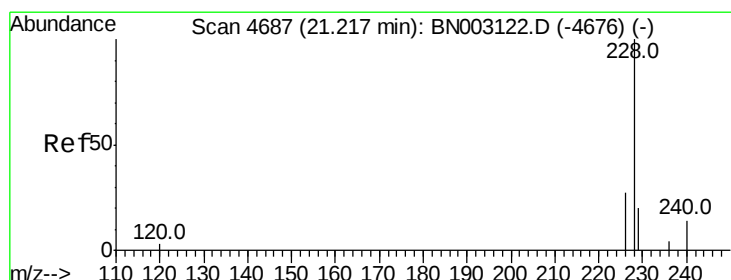
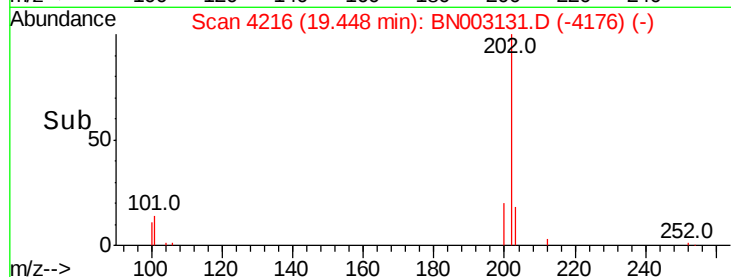
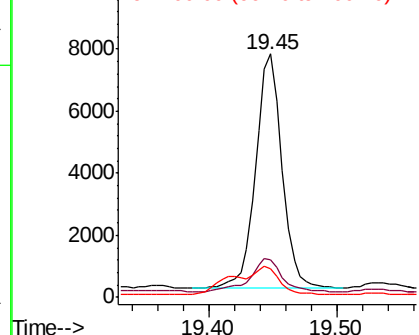


Abundance

Ion 202.00 (201.70 to 202.70): E

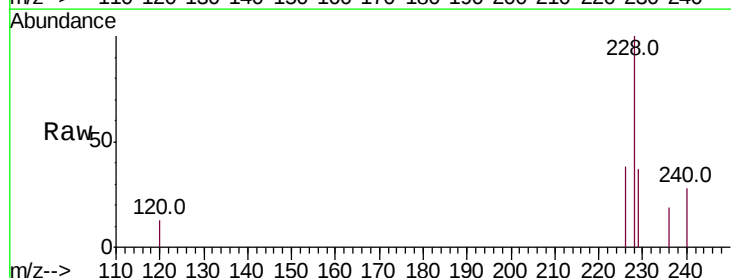
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003131.D
Acq: 12 Oct 2018 07:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3884		
229	36.6		16.2	24.2#
226	37.9		22.3	33.5#

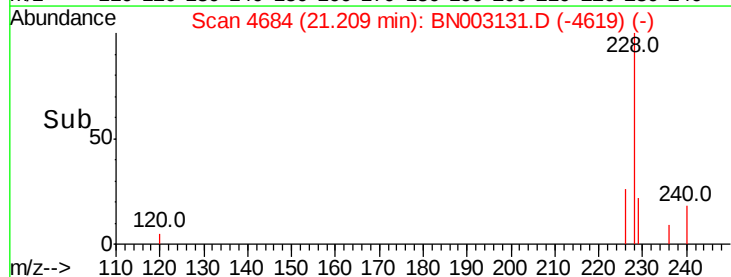
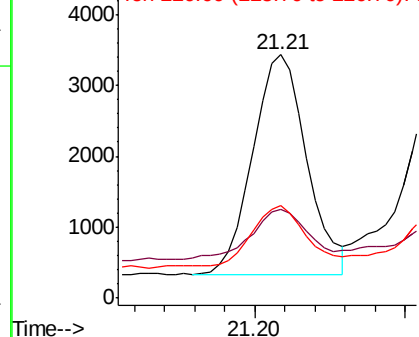


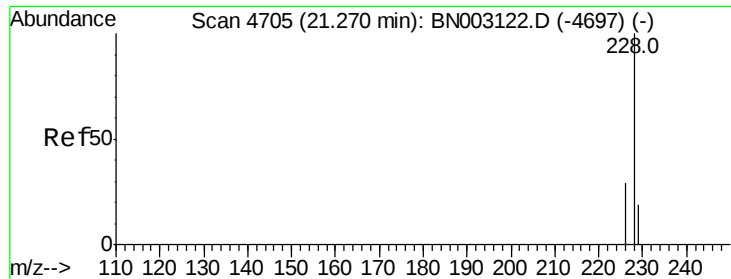
Abundance

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





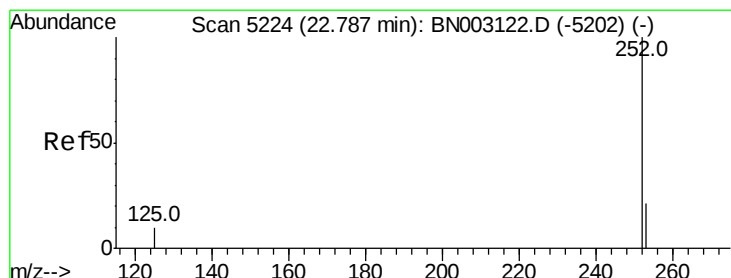
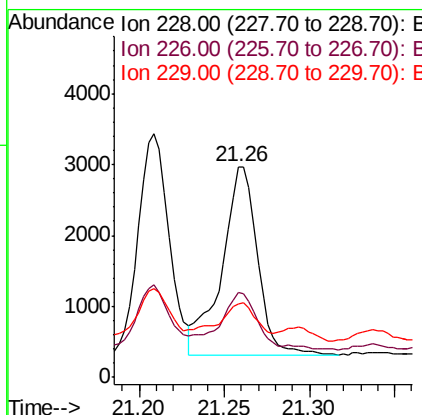
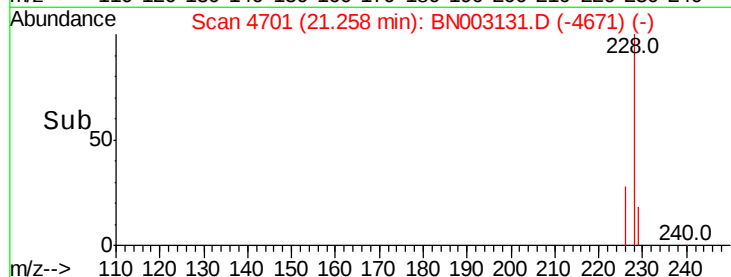
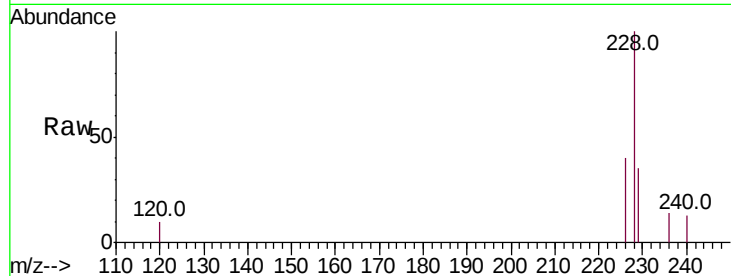
#19
Chrysene
Concen: 0.254 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003131.D
Acq: 12 Oct 2018 07:45

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	40.2	24.2	36.4#
229	34.7	16.7	25.1#

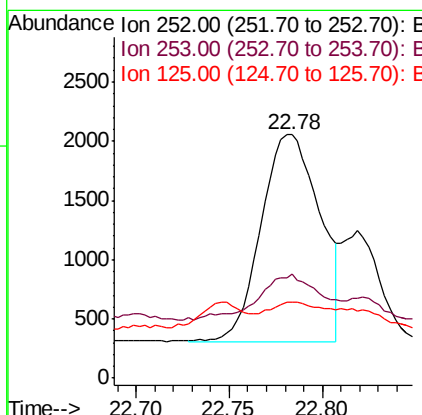
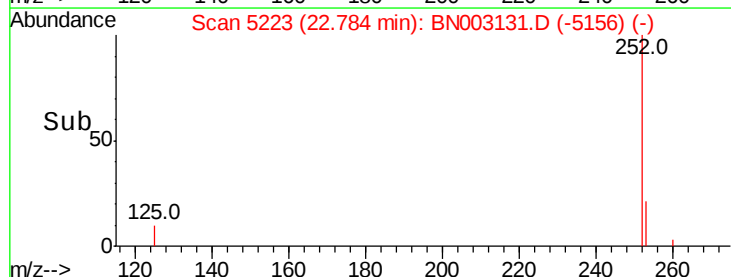
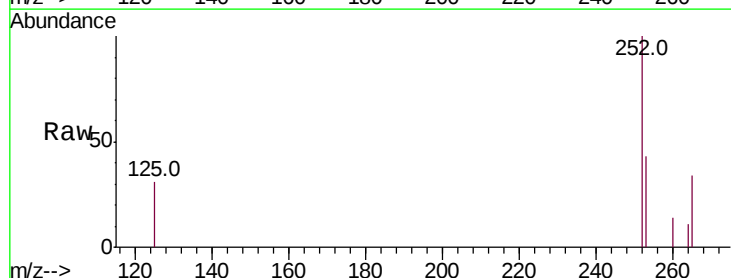
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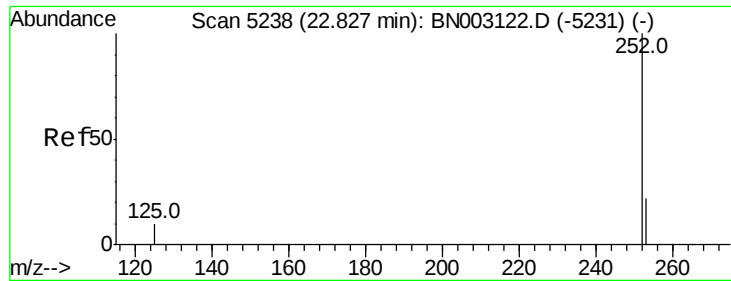
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#21
Benzo(b)fluoranthene
Concen: 0.212 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.00 min
Lab File: BN003131.D
Acq: 12 Oct 2018 07:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.7	0.0	53.2
125	31.2	0.0	34.2





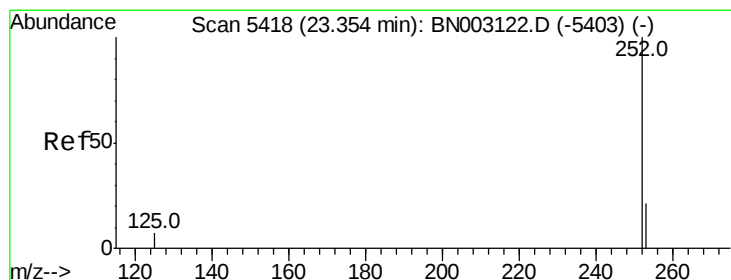
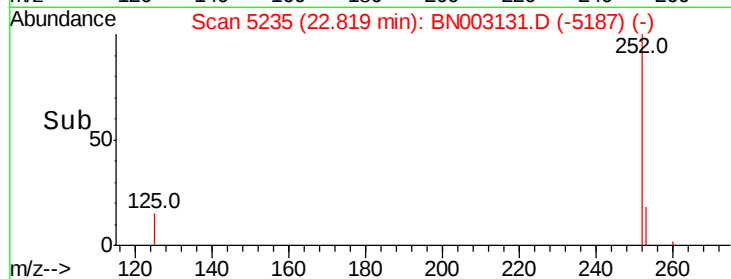
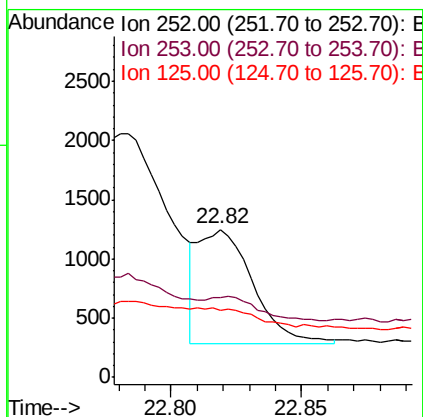
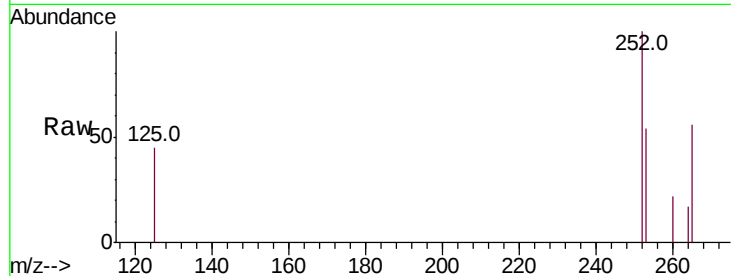
#22
Benzo(k)fluoranthene
Concen: 0.075 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003131.D
Acq: 12 Oct 2018 07:45

Instrument :
BNA_N
ClientSampleId :
C0AK9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	54.1	21.3	31.9#
125	45.5	14.1	21.1#

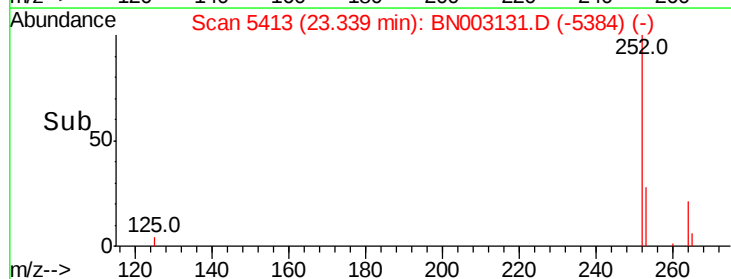
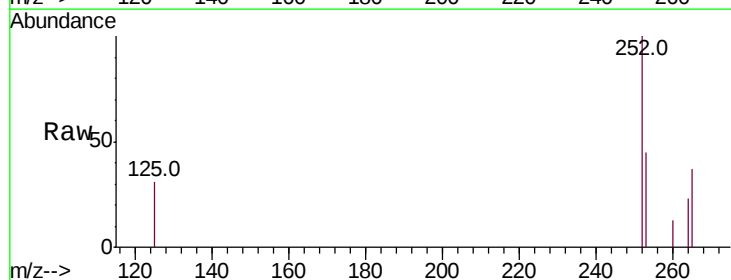
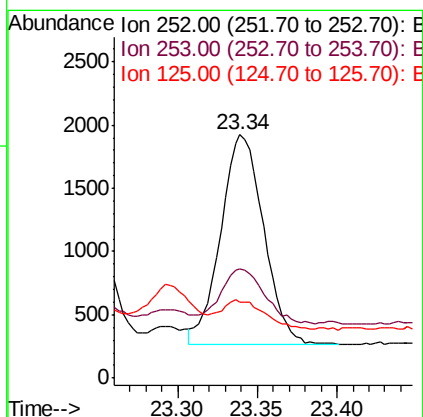
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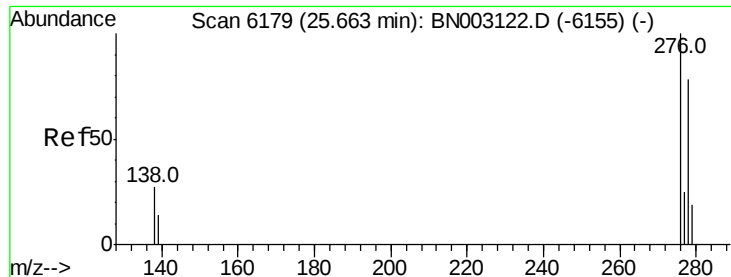
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#23
Benzo(a)pyrene
Concen: 0.190 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN003131.D
Acq: 12 Oct 2018 07:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.9	23.1	34.7#
125	31.4	16.9	25.3#





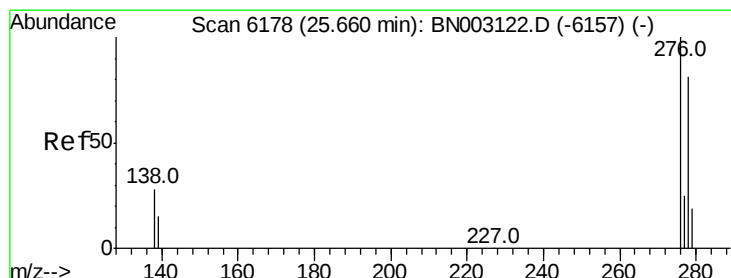
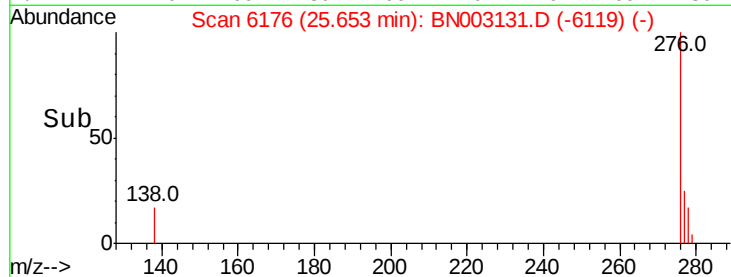
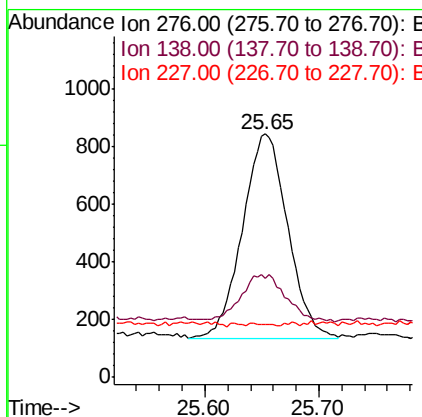
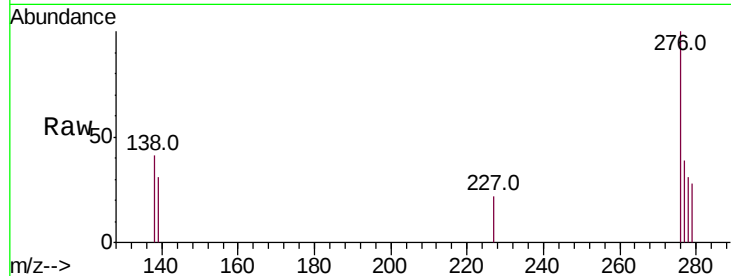
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.01 min
Lab File: BN003131.D
Acq: 12 Oct 2018 07:45

Instrument :
BNA_N
ClientSampled :
C0AK9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.5	32.3
227	0.4	0.3	0.5

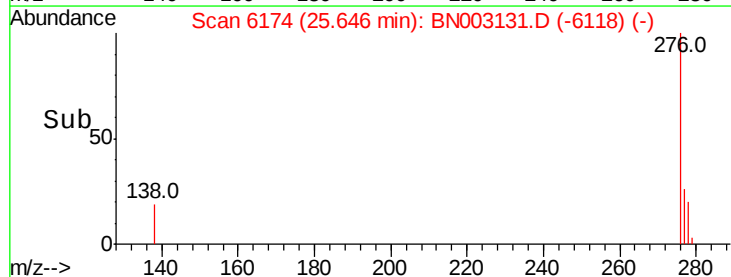
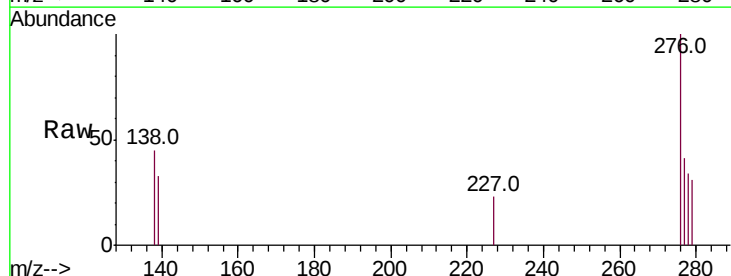
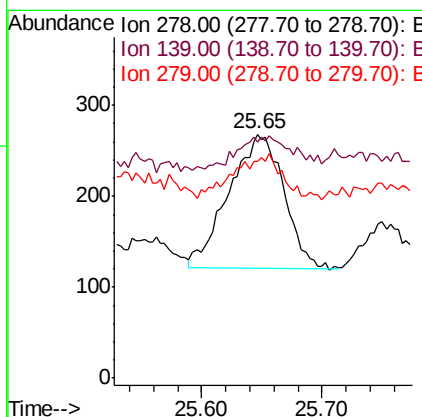
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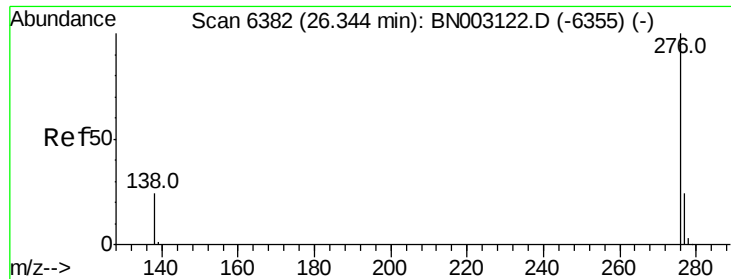
Sohil
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#25
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.01 min
Lab File: BN003131.D
Acq: 12 Oct 2018 07:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	96.6	20.2	30.4#
279	88.8	23.8	35.8#





#26
 Benzo(a,h,i)perylene
 Concen: 0.116 ng/ul
 RT: 26.33 min Scan# 6378
 Delta R.T. -0.01 min
 Lab File: BN003131.D
 Acq: 12 Oct 2018 07:45

Instrument :
 BNA_N
 ClientSampleId :
 C0AK9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	44.3	23.0	34.4#
277	39.4	22.0	33.0#

Manual Integrations
 APPROVED

Sohil
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