

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003109.D
 Acq On : 11 Oct 2018 18:51
 Operator : MJ/SJ
 Sample : J5368-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47MS

Manual Integrations
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Quant Time: Oct 12 05:50:19 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 05:29:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1505	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	6197	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7218	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	4663	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4763	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2878	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	5603	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	1895	0.119	ng/ul#	89
5) 2-Methylnaphthalene	12.08	142	945	0.086	ng/ul	95
7) Acenaphthylene	13.99	152	1406	0.089	ng/ul#	12
8) Acenaphthene	14.32	153	8010	0.668	ng/ul	99
9) Fluorene	15.33	166	4351	0.317	ng/ul	97
12) Phenanthrene	17.06	178	62585	3.110	ng/ul	99
13) Anthracene	17.16	178	13712	0.721	ng/ul	98
15) Fluoranthene	19.09	202	98509	4.173	ng/ul	98
17) Pyrene	19.45	202	85560	4.724	ng/ul	98
18) Benzo(a)anthracene	21.21	228	38570	2.570	ng/ul	98
19) Chrysene	21.26	228	36244	2.379	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	52173m	3.042	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	17438m	0.981	ng/ul	
23) Benzo(a)pyrene	23.34	252	36948	2.403	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.65	276	26136	1.479	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	7086	0.501	ng/ul#	87
26) Benzo(a,h,i)perylene	26.32	276	22918	1.539	ng/ul	96

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

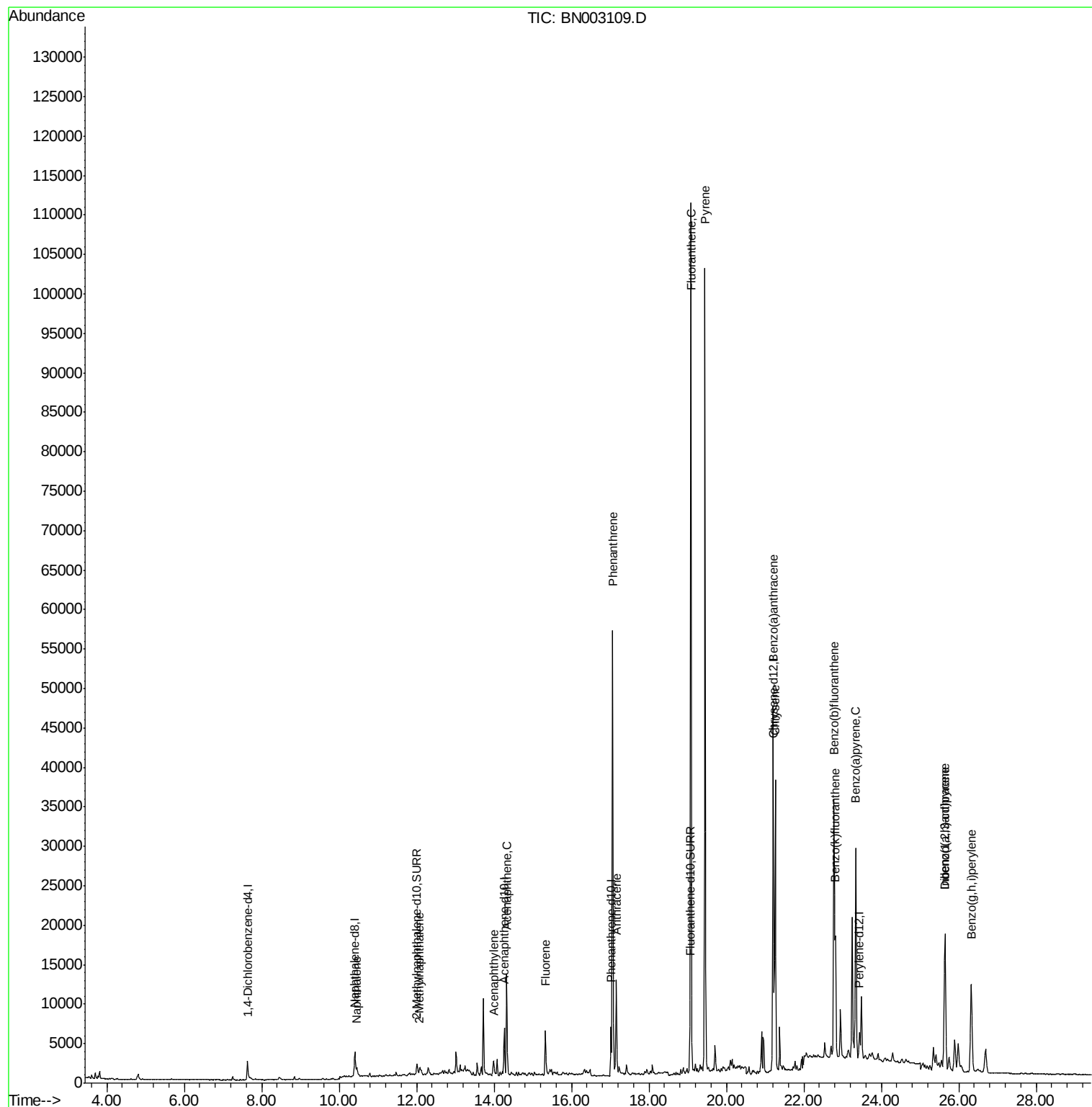
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
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ALS Vial : 11 Sample Multiplier: 1

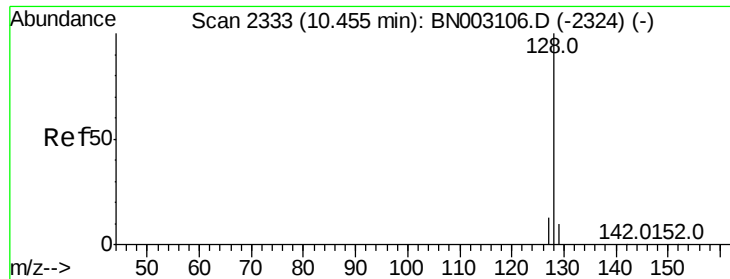
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.119 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

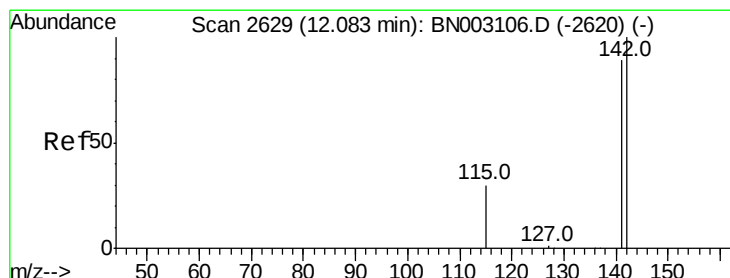
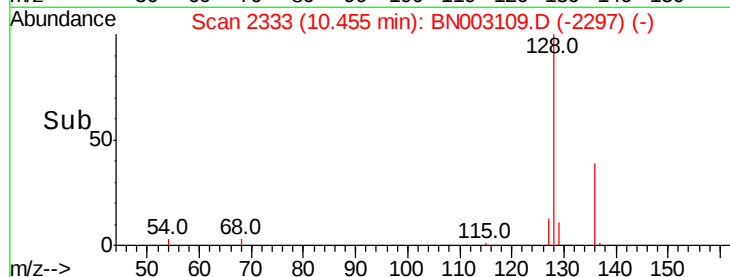
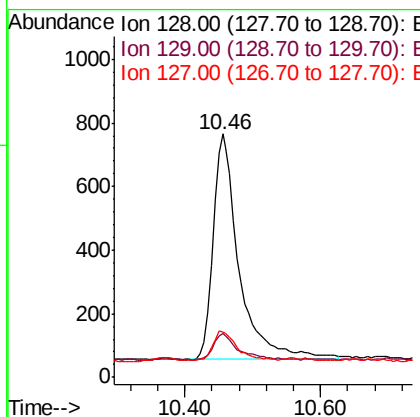
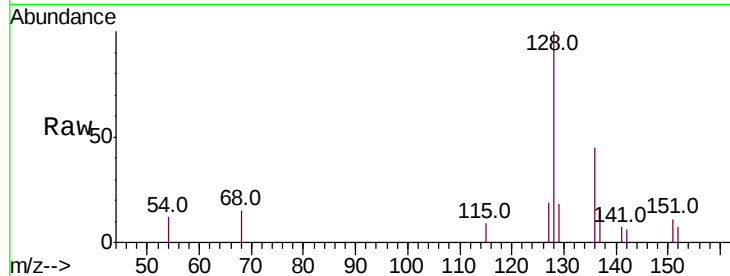
ClientSampleId :

A3Z47MS

Tot Ion:	128	Resp:	1895
Ion Ratio	Lower	Upper	
128	100		
129	17.9	10.4	15.6#
127	18.8	11.7	17.5#

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#5

2-Methylnaphthalene

Concen: 0.086 ng/ul

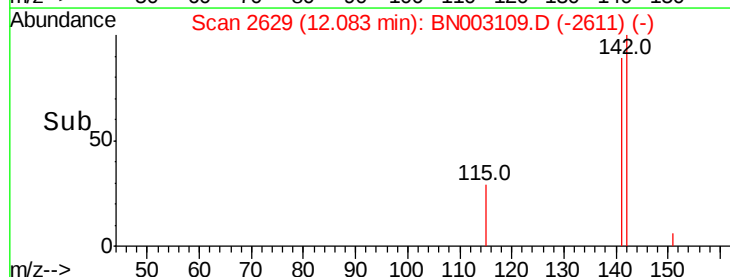
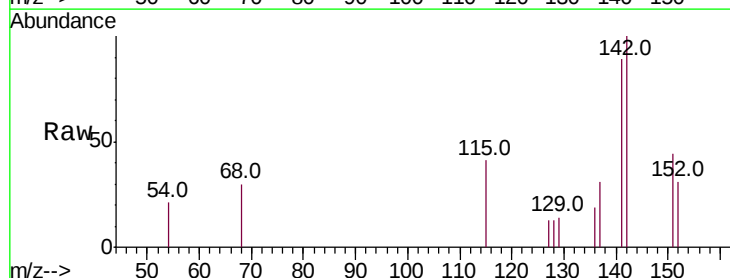
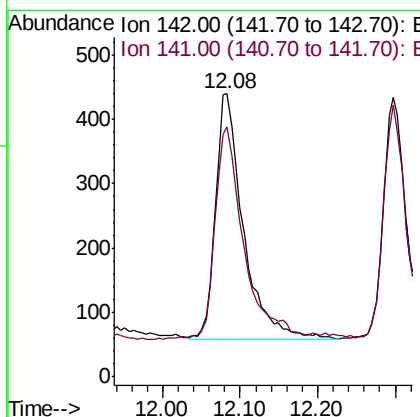
RT: 12.08 min Scan# 2629

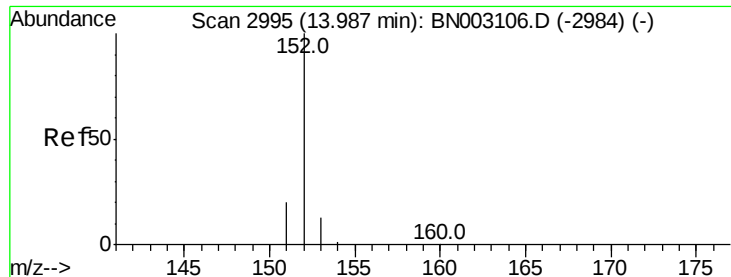
Delta R.T. -0.00 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Tgt Ion:	142	Resp:	945
Ion Ratio	Lower	Upper	
142	100		
141	87.2	73.4	110.0





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

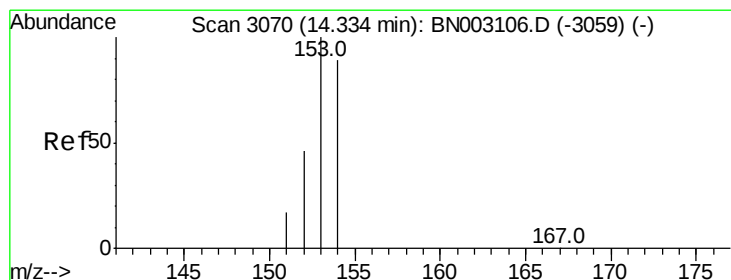
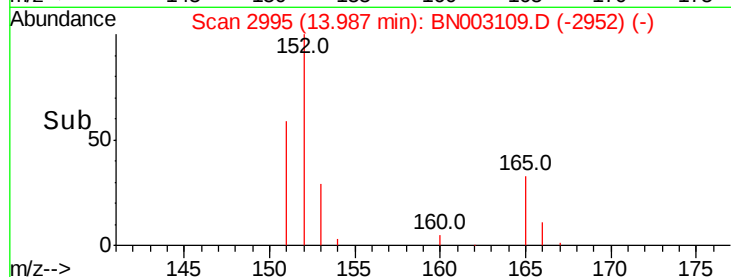
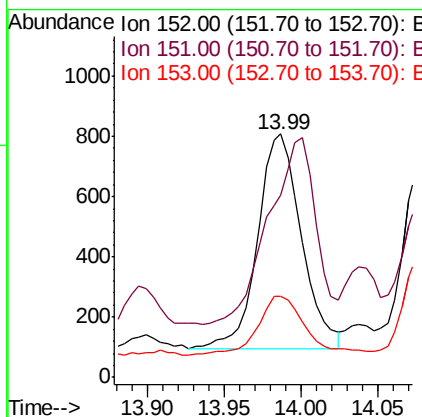
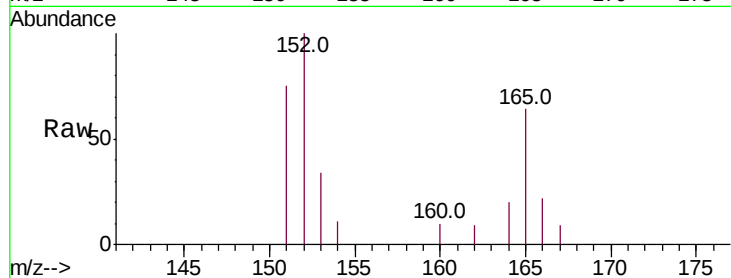
ClientSampleId :

A3Z47MS

Tot Ion:	152	Resp:	1406
Ion Ratio	Lower	Upper	
152	100		
151	75.0	16.5	24.7#
153	33.5	11.4	17.2#

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#8

Acenaphthene

Concen: 0.668 ng/ul

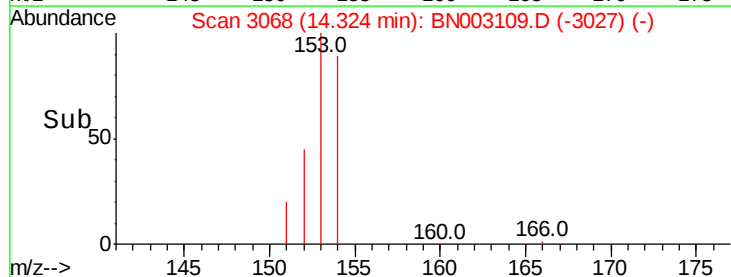
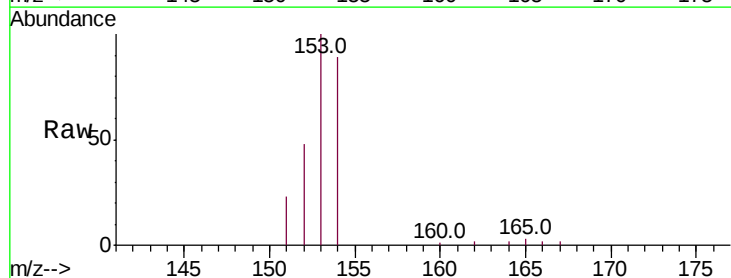
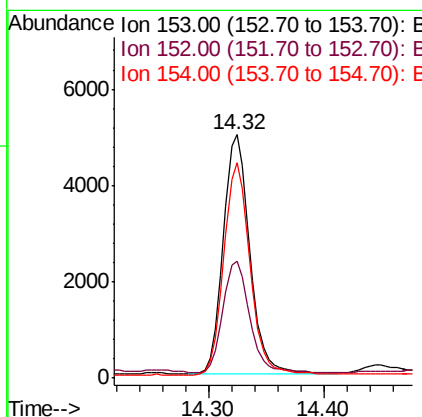
RT: 14.32 min Scan# 3068

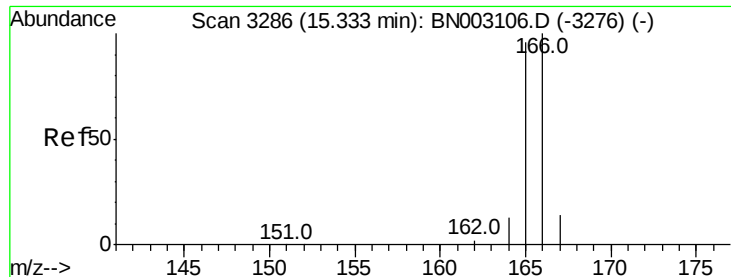
Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Tgt Ion:	153	Resp:	8010
Ion Ratio	Lower	Upper	
153	100		
152	48.1	38.2	57.4
154	88.6	70.2	105.2





#9

Fluorene

Concen: 0.317 ng/ul

RT: 15.33 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

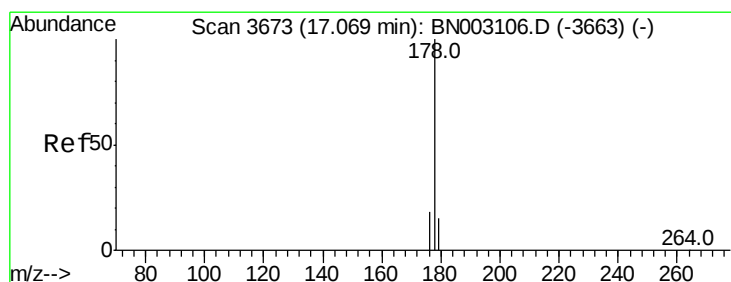
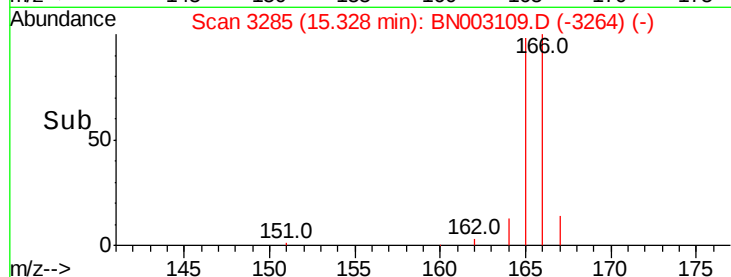
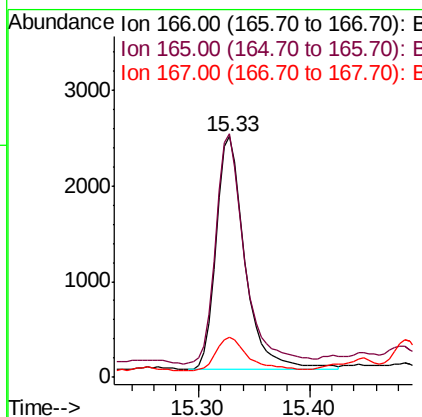
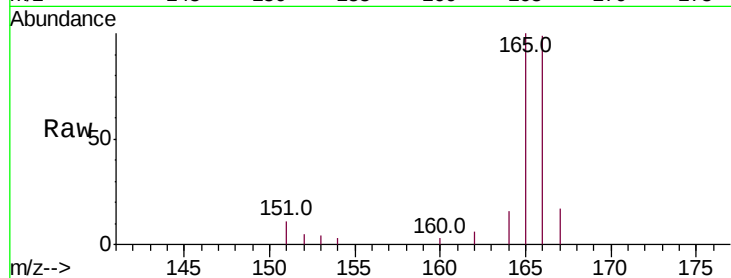
ClientSampleId :

A3Z47MS

Tot Ion:	166	Resp:	4351
Ion Ratio	Lower	Upper	
166	100		
165	101.2	78.5	117.7
167	16.8	11.6	17.4

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#12

Phenanthrene

Concen: 3.110 ng/ul

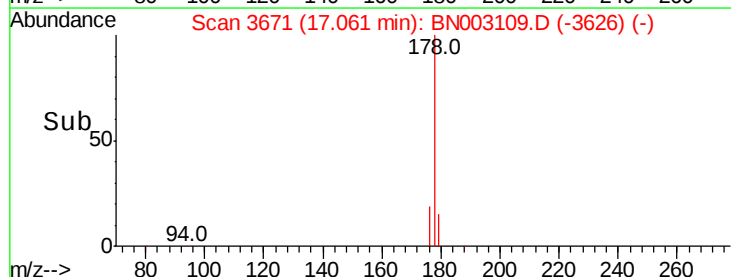
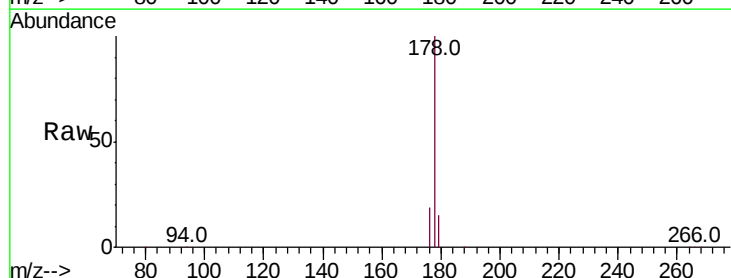
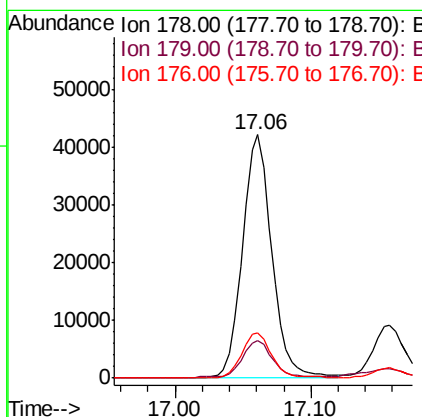
RT: 17.06 min Scan# 3671

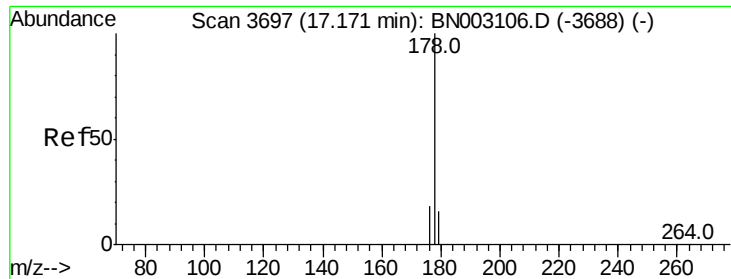
Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Tgt Ion:	178	Resp:	62585
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.9	19.3
176	18.8	15.4	23.2





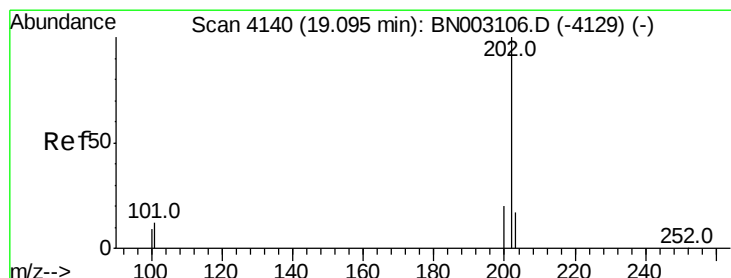
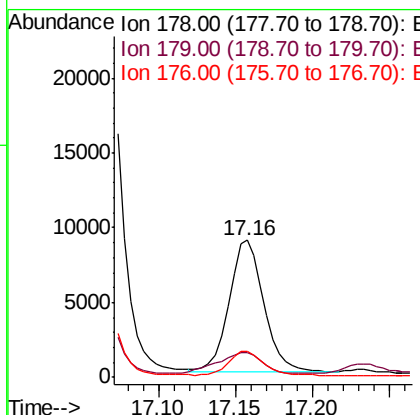
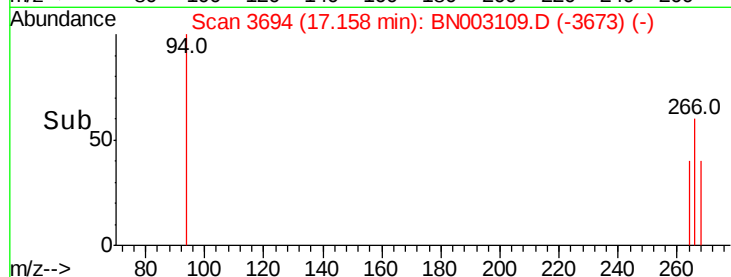
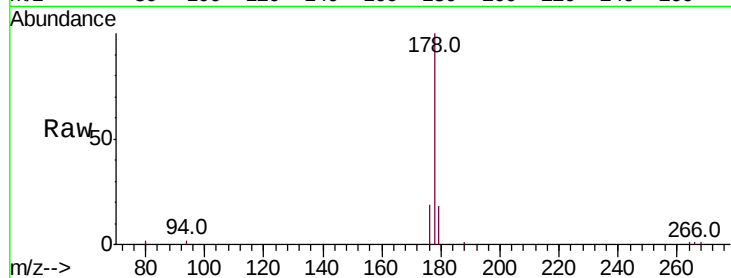
#13
 Anthracene
 Concen: 0.721 ng/ul
 RT: 17.16 min Scan# 3694
 Delta R.T. -0.01 min
 Lab File: BN003109.D
 Acq: 11 Oct 2018 18:51

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.6
176	19.0	15.3	22.9

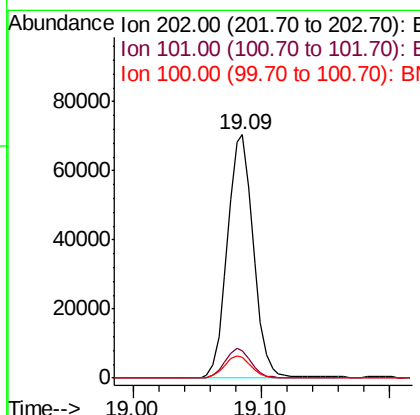
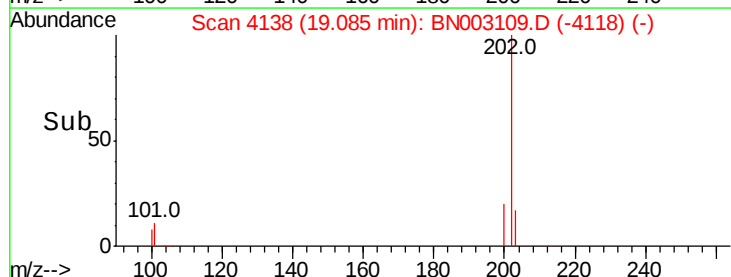
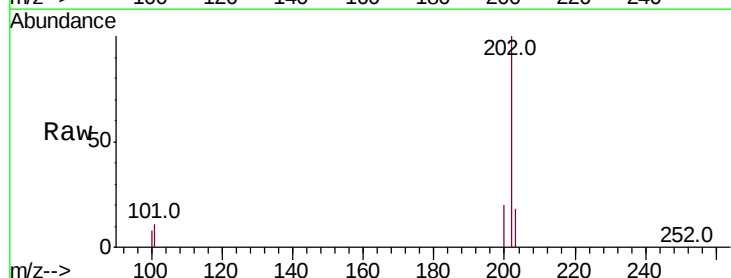
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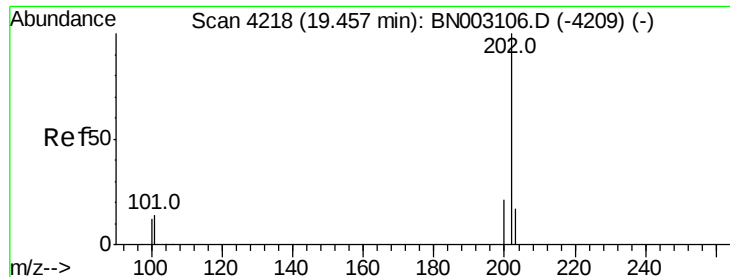
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#15
 Fluoranthene
 Concen: 4.173 ng/ul
 RT: 19.09 min Scan# 4138
 Delta R.T. -0.01 min
 Lab File: BN003109.D
 Acq: 11 Oct 2018 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
100	8.5	0.0	29.1





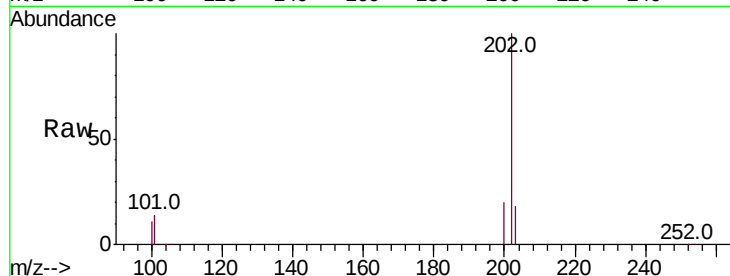
#17
Pvrene
Concen: 4.724 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003109.D
Acq: 11 Oct 2018 18:51

Instrument :
BNA_N
ClientSampleId :
A3Z47MS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	11.9	17.9
100	11.3	9.9	14.9

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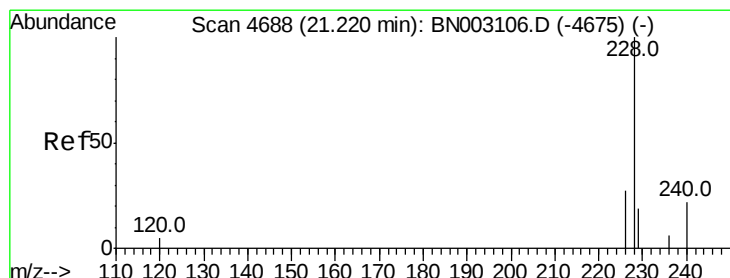
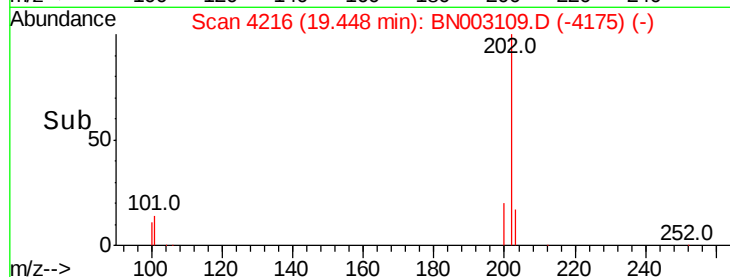
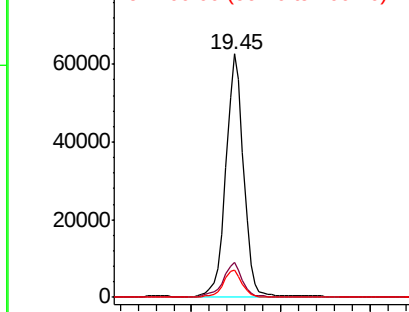


Abundance

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): E



#18
Benzo(a)anthracene
Concen: 2.570 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003109.D
Acq: 11 Oct 2018 18:51

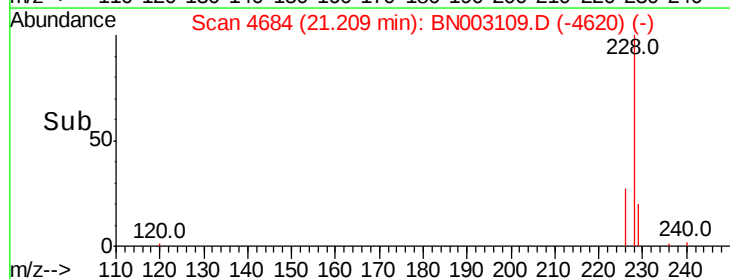
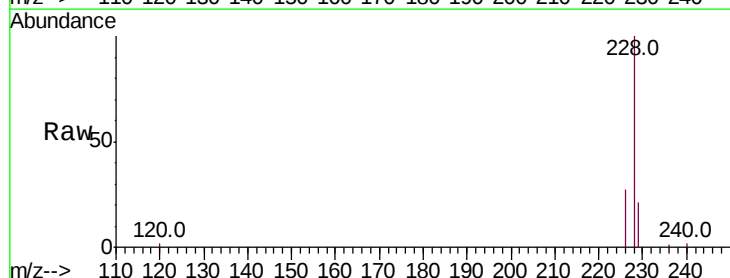
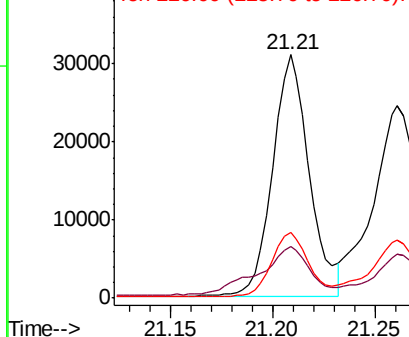
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	16.2	24.2
226	27.1	22.3	33.5

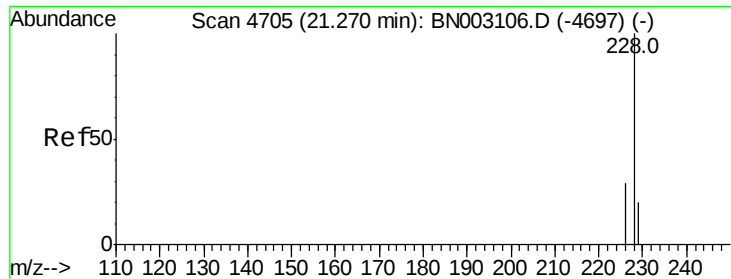
Abundance

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: 2.379 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

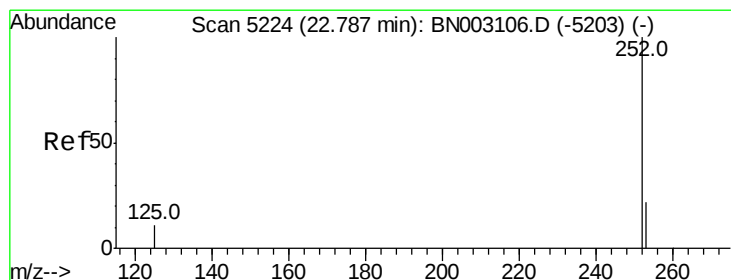
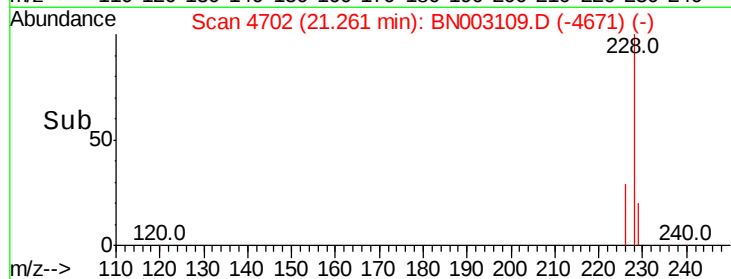
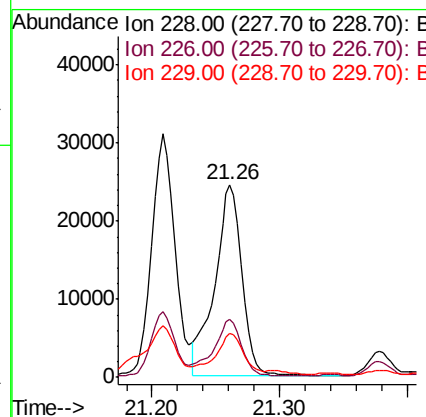
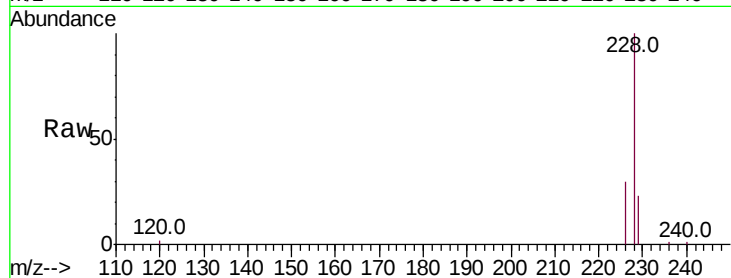
ClientSampleId :

A3Z47MS

Tot Ion:	228	Resp:	36244
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	22.7	16.7	25.1

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#21

Benzo(b)fluoranthene

Concen: 3.042 ng/ul m

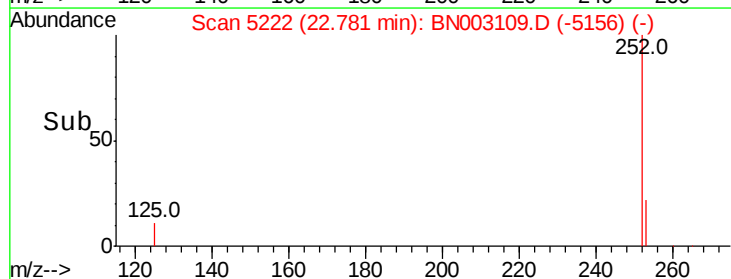
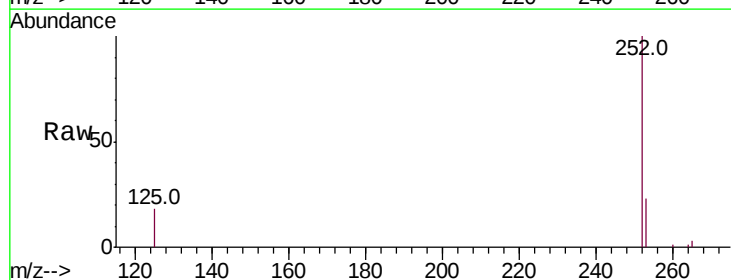
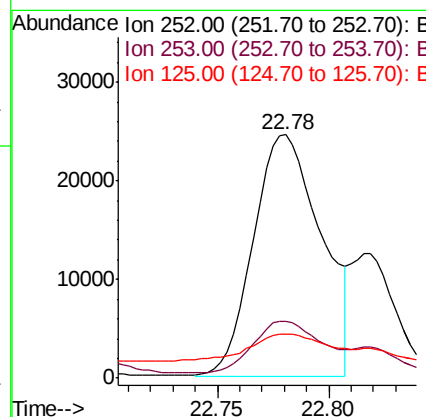
RT: 22.78 min Scan# 5222

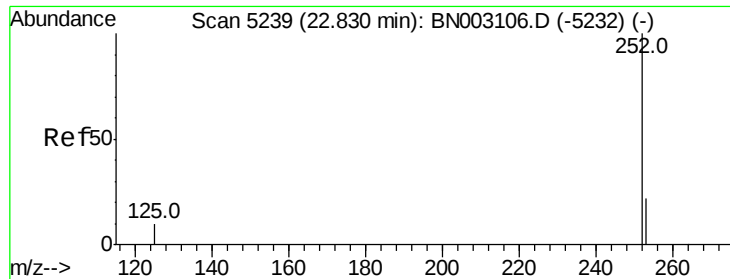
Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Tgt Ion:	252	Resp:	52173
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	53.2
125	18.3	0.0	34.2





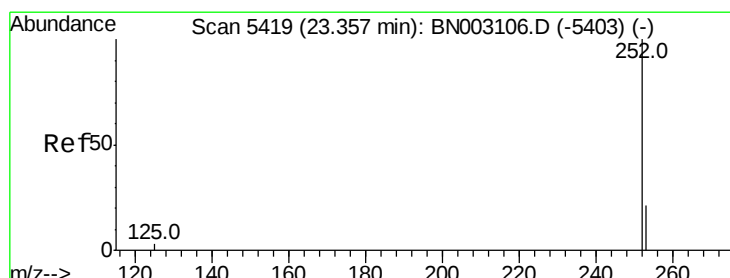
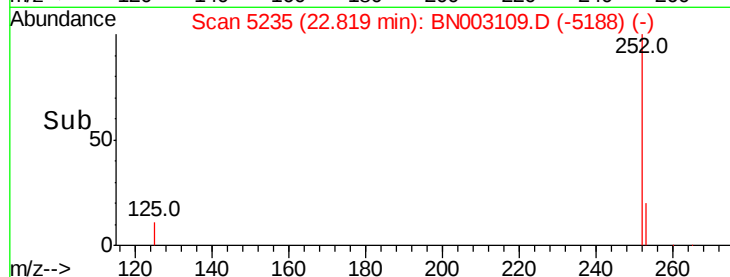
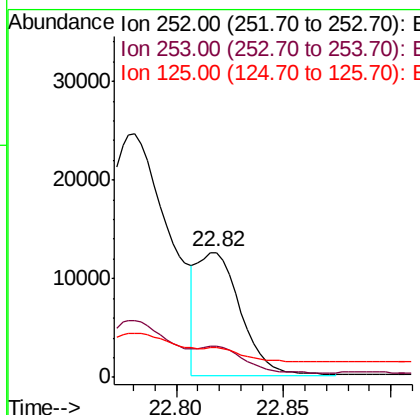
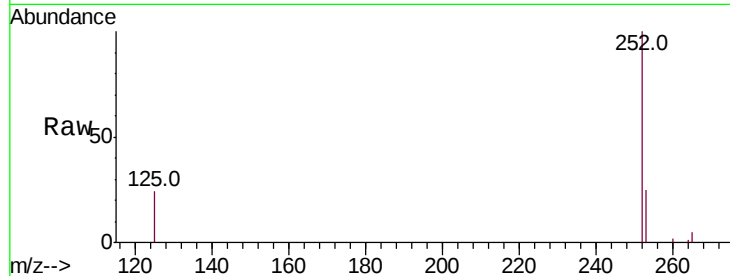
#22
Benzo(k)fluoranthene
Concen: 0.981 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003109.D
Acq: 11 Oct 2018 18:51

Instrument :
BNA_N
ClientSampleId :
A3Z47MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.3	31.9
125	23.9	14.1	21.1

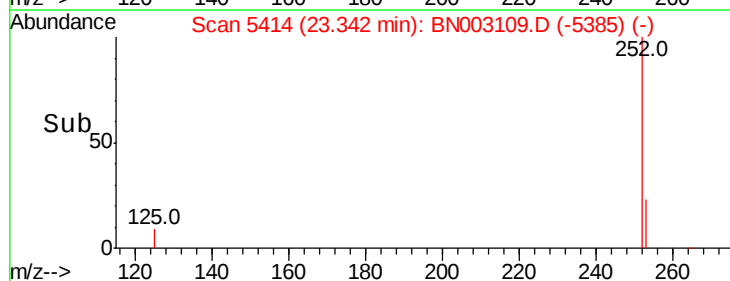
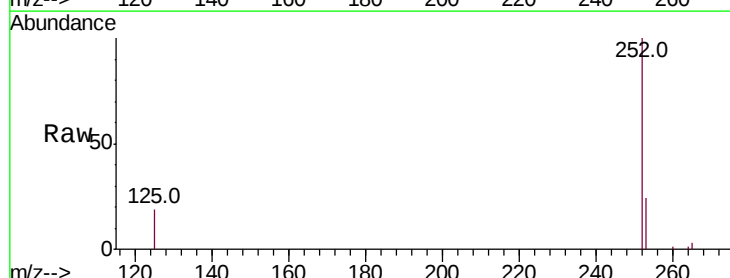
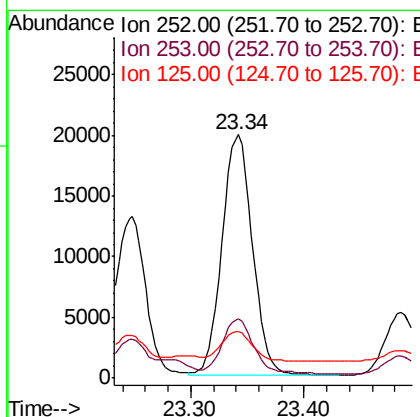
Manual Integrations
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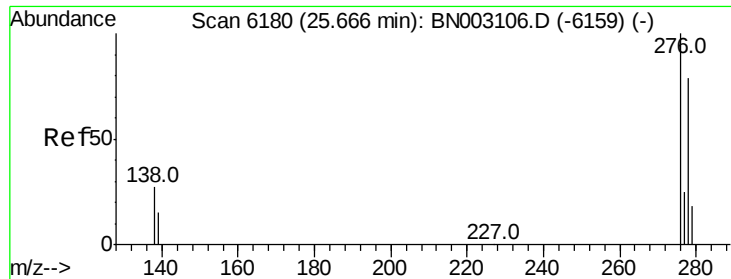
Sohil
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#23
Benzo(a)pyrene
Concen: 2.403 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.01 min
Lab File: BN003109.D
Acq: 11 Oct 2018 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.1	34.7
125	19.1	16.9	25.3





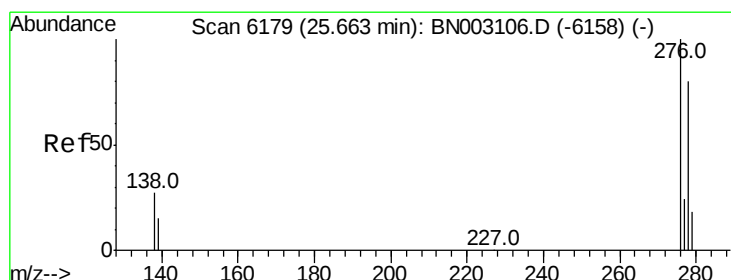
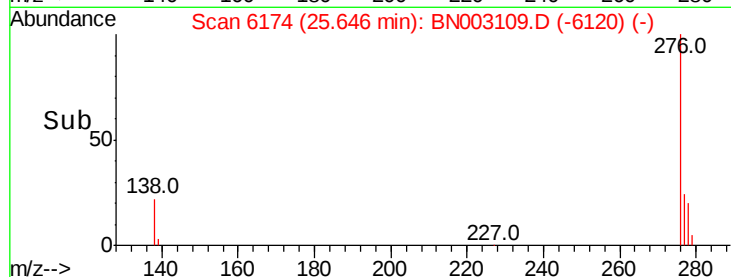
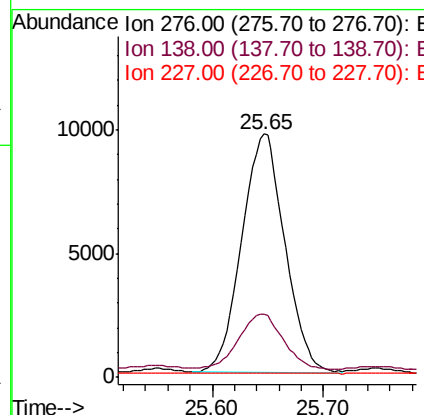
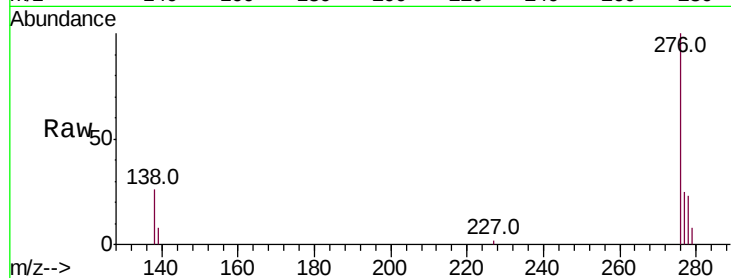
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.479 ng/ul
 RT: 25.65 min Scan# 6174
 Delta R.T. -0.02 min
 Lab File: BN003109.D
 Acq: 11 Oct 2018 18:51

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47MS

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

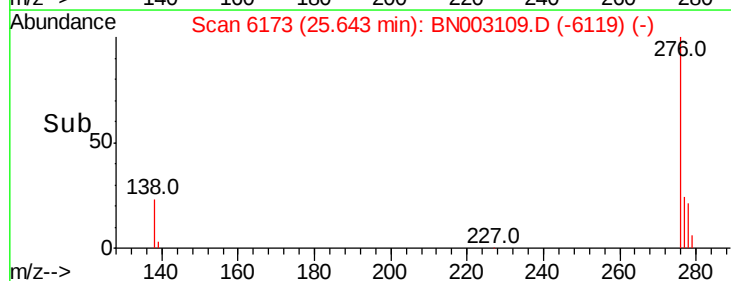
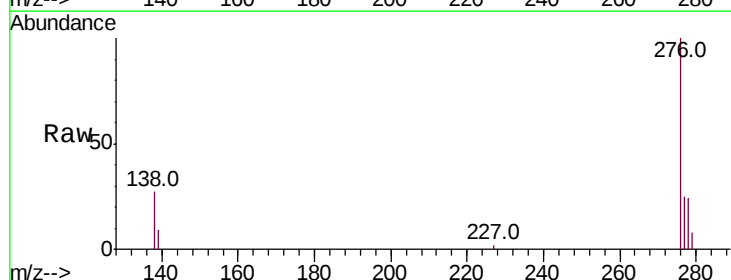
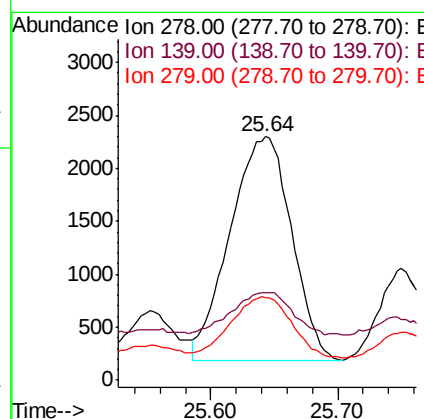
Manual Integrations
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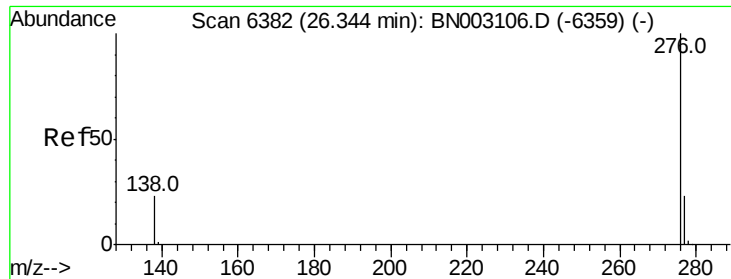
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.501 ng/ul
 RT: 25.64 min Scan# 6173
 Delta R.T. -0.02 min
 Lab File: BN003109.D
 Acq: 11 Oct 2018 18:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.7	20.2	30.4
279	33.8	23.8	35.8





#26
 Benzo(a,h,i)perylene
 Concen: 1.539 ng/ul
 RT: 26.32 min Scan# 6374
 Delta R.T. -0.03 min
 Lab File: BN003109.D
 Acq: 11 Oct 2018 18:51

Instrument :
 BNA_N
 ClientSampleId :
 A3Z47MS

Tot Ion:	276	Resp:	22918
Ion Ratio	Lower	Upper	
276	100		
138	27.0	23.0	34.4
277	25.3	22.0	33.0

Manual Integrations
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