

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003970.D
 Acq On : 15 Dec 2018 22:10
 Operator : JU/SJ
 Sample : J6171-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y10

Manual Integrations
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Sohil
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Quant Time: Dec 15 23:25:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 23:04:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1887	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9506	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5714	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14447	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18022	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	15906m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2118	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	6414	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	1291	0.048	ng/ul#	83
5) 2-Methylnaphthalene	12.29	142	2262	0.121	ng/ul	100
7) Acenaphthylene	14.19	152	1927	0.075	ng/ul#	88
12) Phenanthrene	17.26	178	9494	0.200	ng/ul	97
13) Anthracene	17.35	178	2820	0.072	ng/ul#	90
15) Fluoranthene	19.27	202	14637	0.261	ng/ul	94
17) Pyrene	19.64	202	18882m	0.292	ng/ul	
18) Benzo(a)anthracene	21.38	228	10096	0.177	ng/ul#	84
19) Chrysene	21.44	228	16698	0.256	ng/ul#	90
21) Benzo(b)fluoranthene	23.01	252	20056m	0.305	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	5775m	0.090	ng/ul	
23) Benzo(a)pyrene	23.61	252	9599	0.168	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	26.07	276	9186	0.141	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.08	278	2612	0.050	ng/ul#	1
26) Benzo(g,h,i)perylene	26.80	276	11518	0.203	ng/ul#	80

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

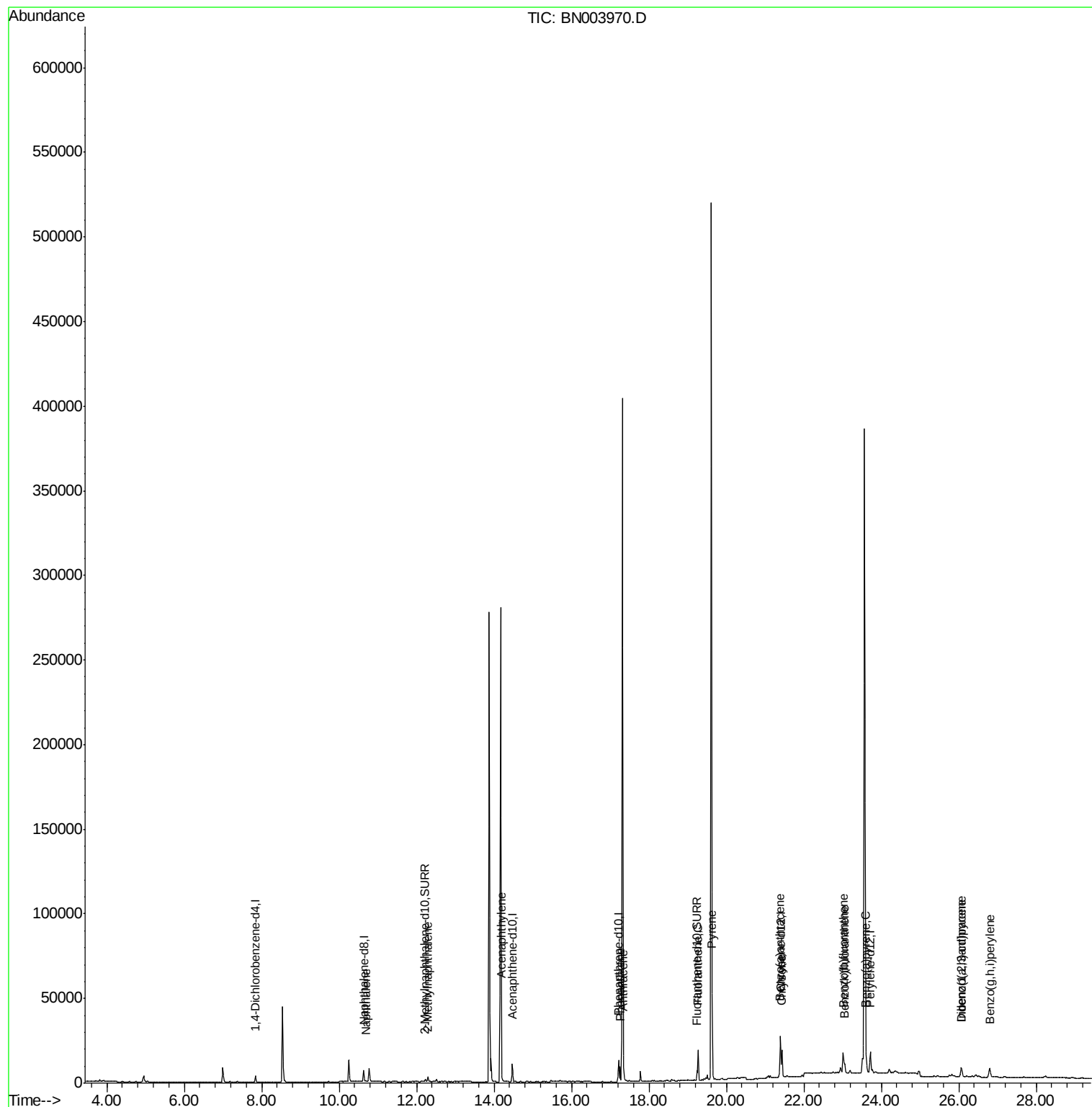
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003970.D
Acq On : 15 Dec 2018 22:10
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Sample : J6171-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

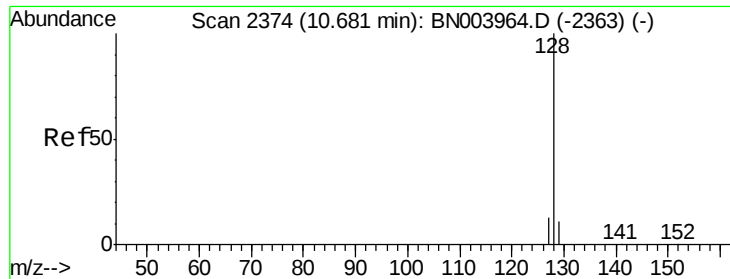
Instrument :
BNA_N
ClientSampleId :
F9Y10

Quant Time: Dec 15 23:25:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

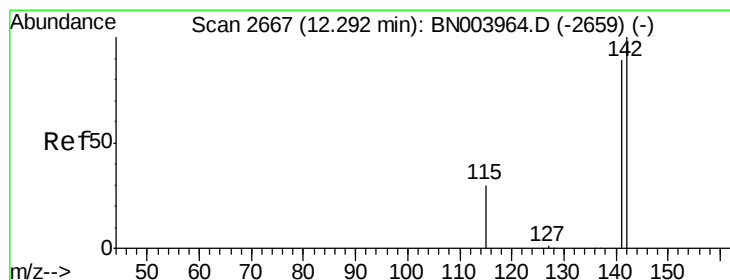
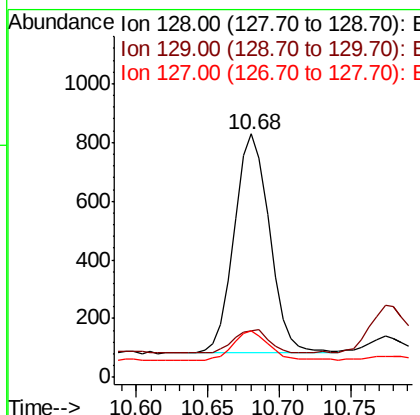
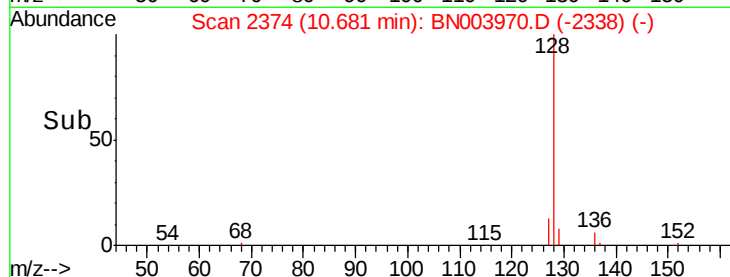
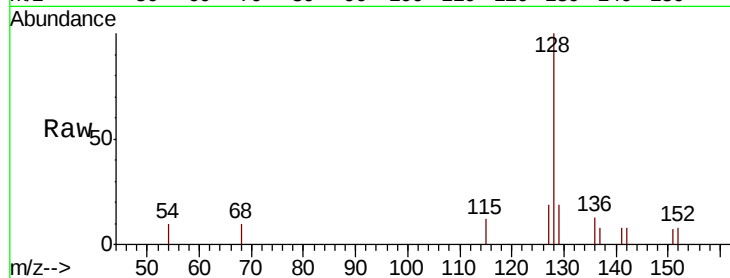
ClientSampleId :

F9Y10

Tot Ion:128	Resp:	1291
Ion Ratio	Lower	Upper
128 100		
129 19.1	9.0	13.6#
127 19.1	10.5	15.7#

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#5

2-Methylnaphthalene

Concen: 0.121 ng/ul

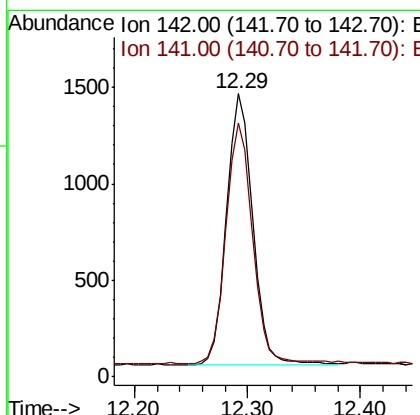
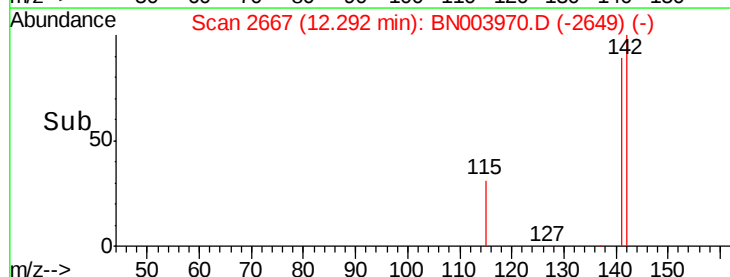
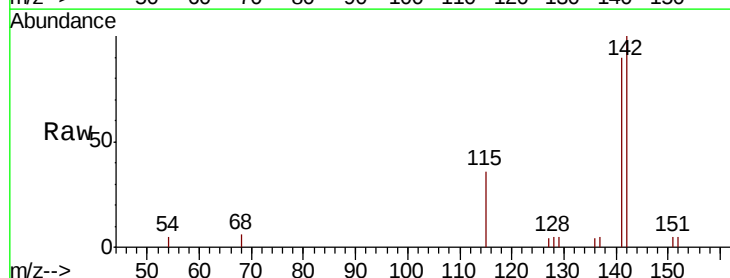
RT: 12.29 min Scan# 2667

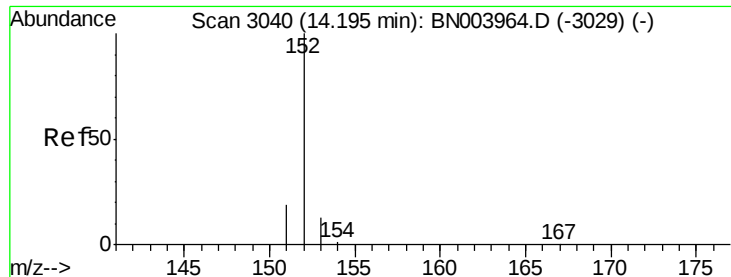
Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Tgt Ion:142	Resp:	2262
Ion Ratio	Lower	Upper
142 100		
141 89.4	71.5	107.3





#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

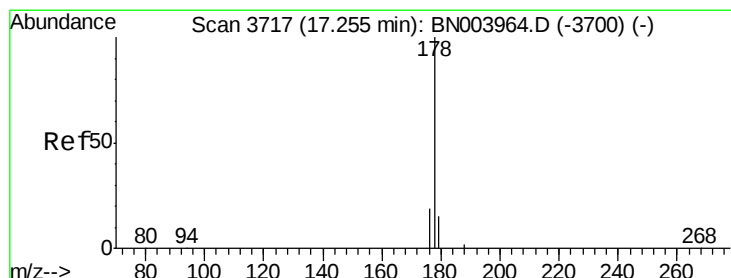
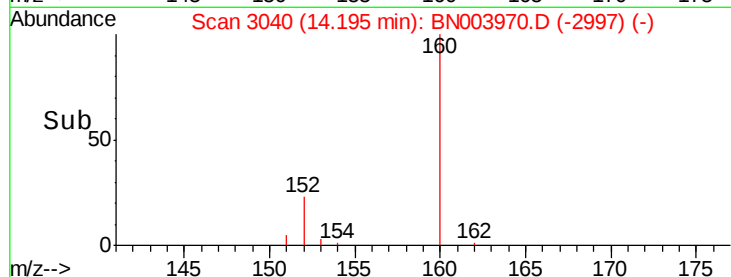
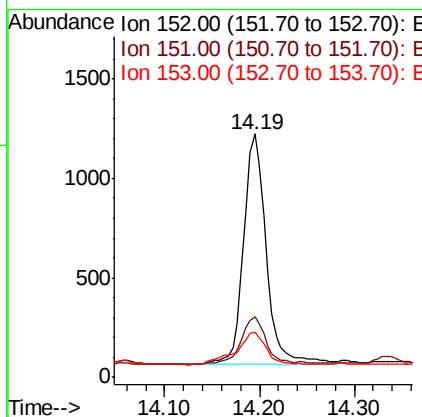
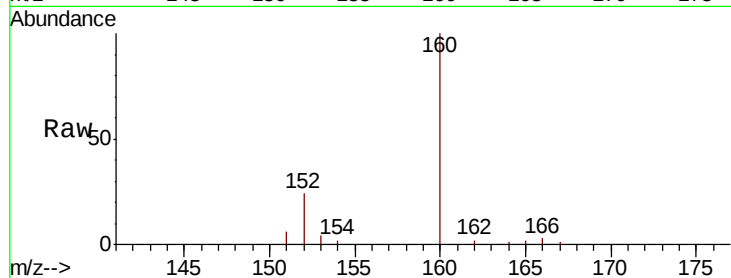
ClientSampleId :

F9Y10

Tot Ion:	152	Resp:	1927
Ion Ratio	Lower	Upper	
152	100		
151	25.1	15.9	23.9#
153	18.3	10.7	16.1#

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#12

Phenanthrene

Concen: 0.200 ng/ul

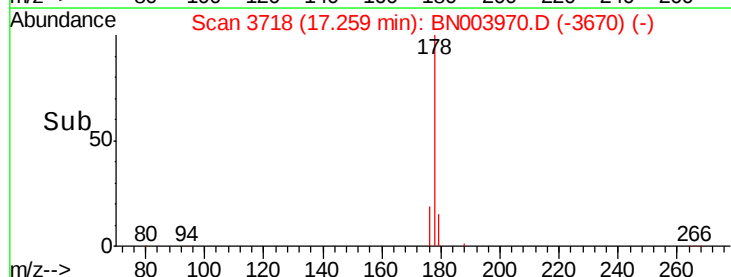
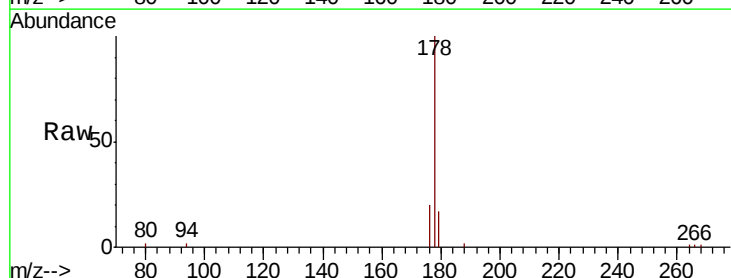
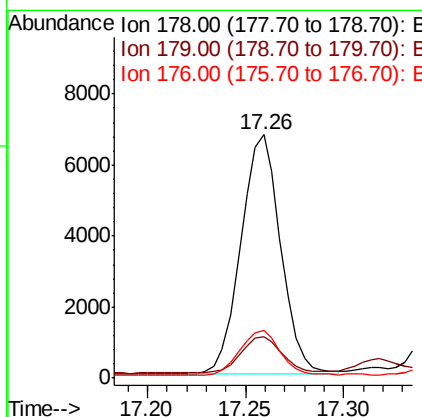
RT: 17.26 min Scan# 3718

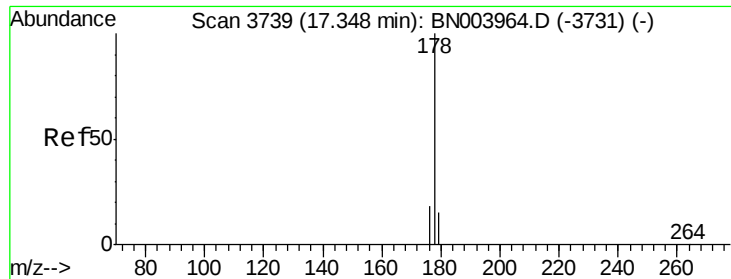
Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Tgt Ion:	178	Resp:	9494
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.5	18.7
176	19.7	15.0	22.4





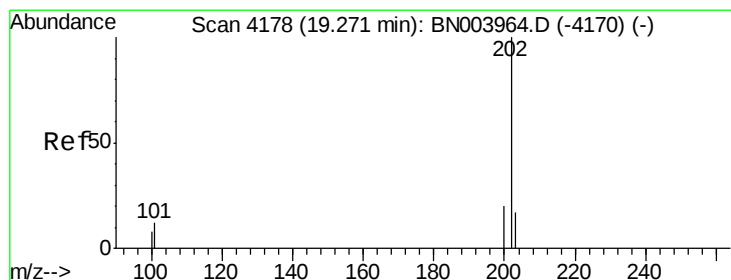
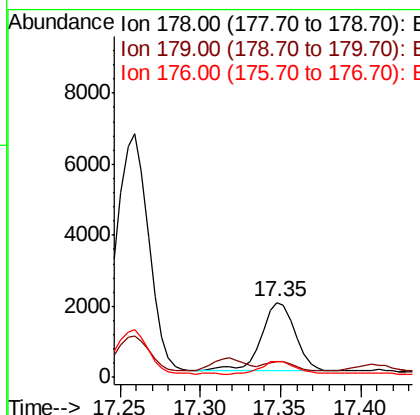
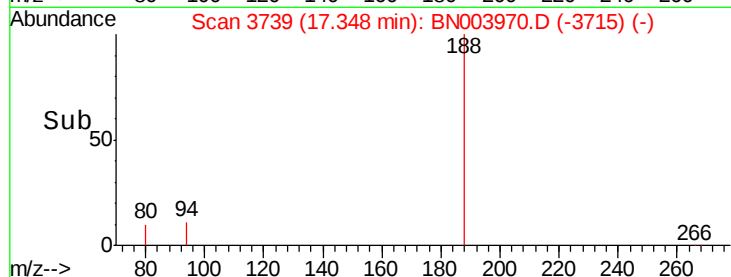
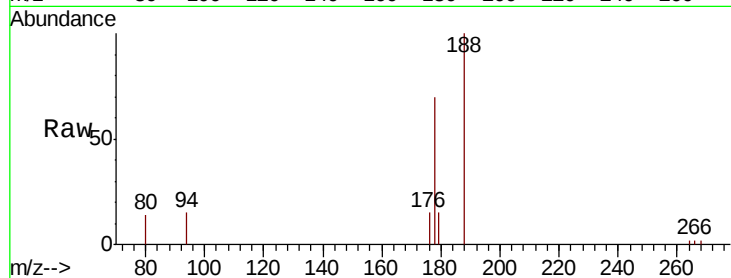
#13
 Anthracene
 Concen: 0.072 ng/ul
 RT: 17.35 min Scan# 3739
 Delta R.T. 0.00 min
 Lab File: BN003970.D
 Acq: 15 Dec 2018 22:10

Instrument :
 BNA_N
 ClientSampled :
 F9Y10

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.3	18.5#
176	21.4	14.8	22.2

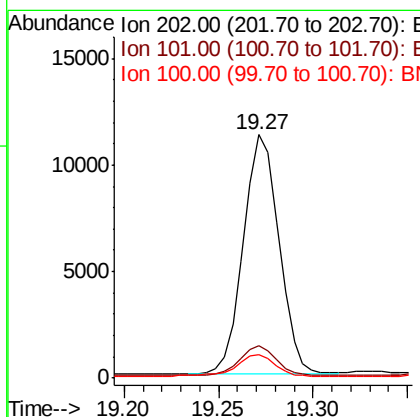
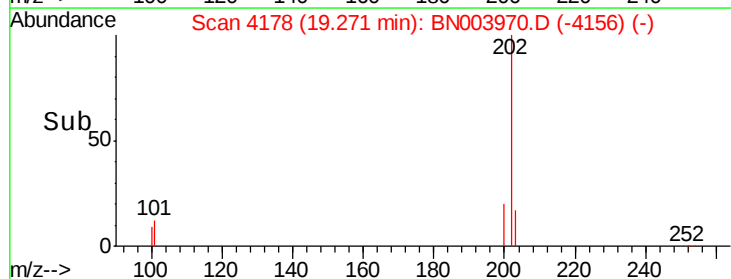
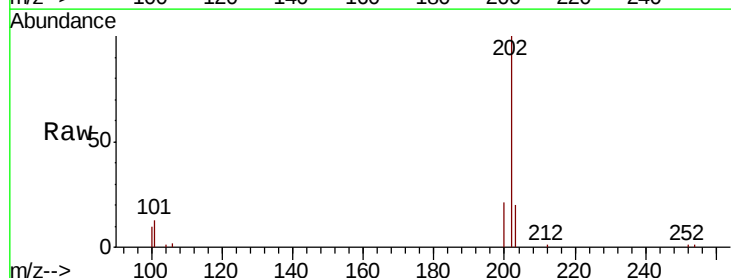
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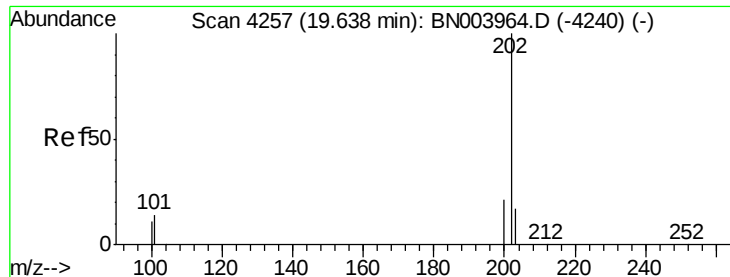
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#15
 Fluoranthene
 Concen: 0.261 ng/ul
 RT: 19.27 min Scan# 4178
 Delta R.T. 0.00 min
 Lab File: BN003970.D
 Acq: 15 Dec 2018 22:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	30.7
100	9.7	0.0	28.1





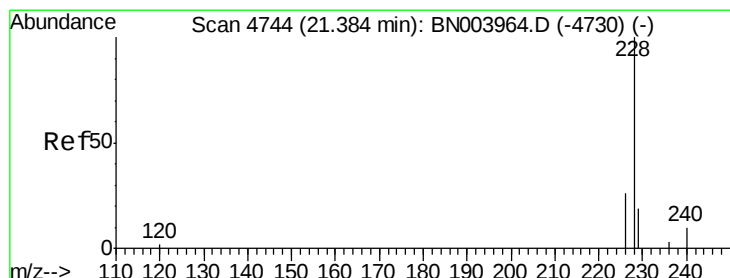
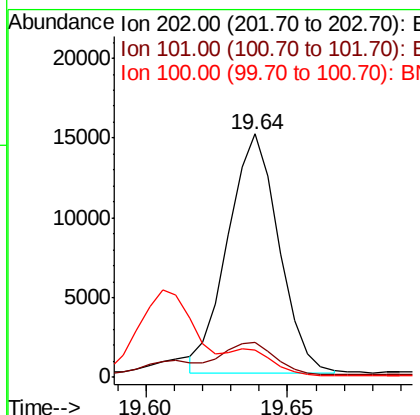
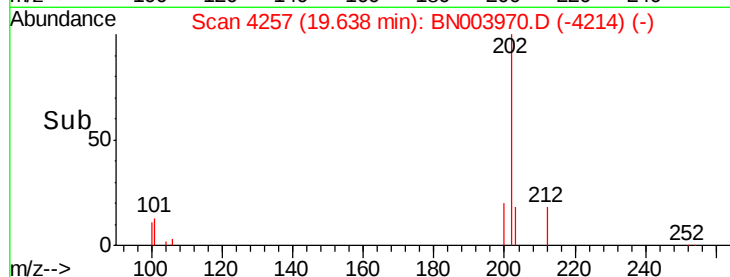
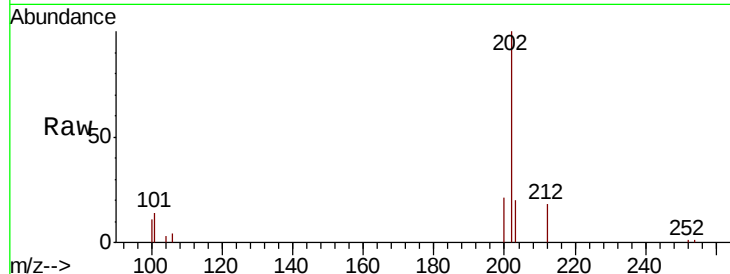
#17
Pvrene
Concen: 0.292 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003970.D
Acq: 15 Dec 2018 22:10

Instrument :
BNA_N
ClientSampleId :
F9Y10

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.3	8.5	12.7

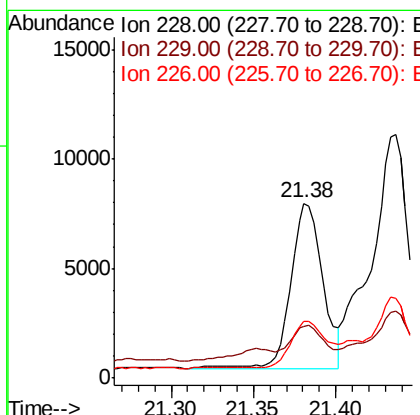
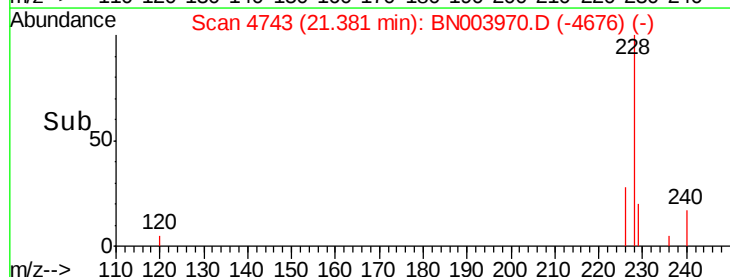
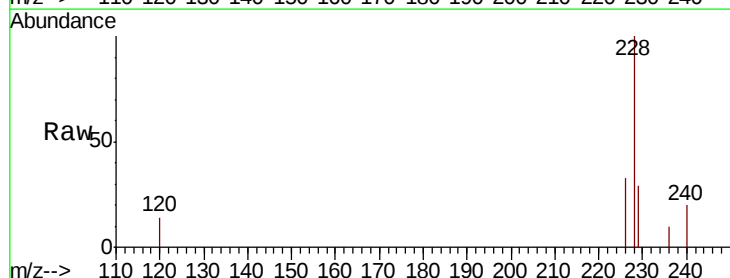
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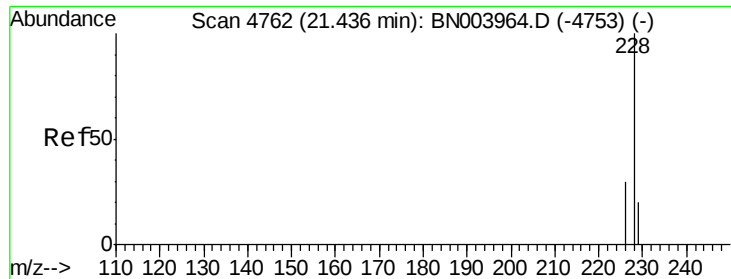
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#18
Benzo(a)anthracene
Concen: 0.177 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN003970.D
Acq: 15 Dec 2018 22:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.4	15.6	23.4#
226	32.5	21.1	31.7#





#19

Chrysene

Concen: 0.256 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

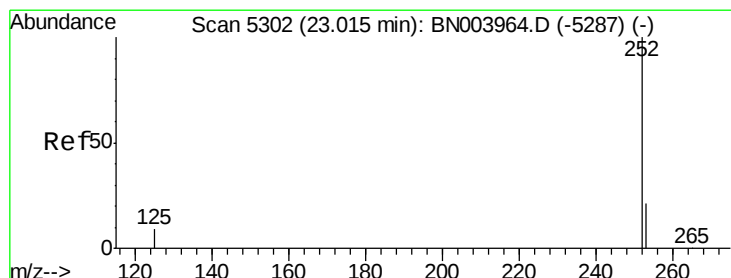
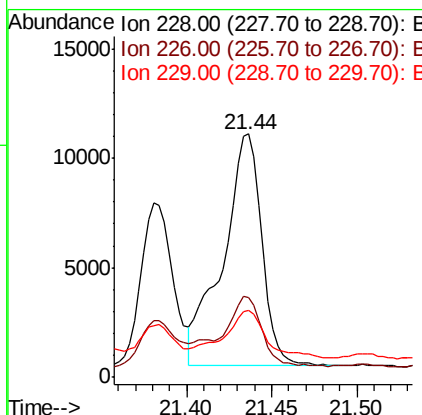
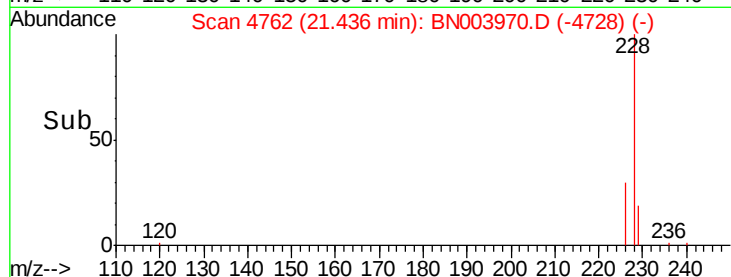
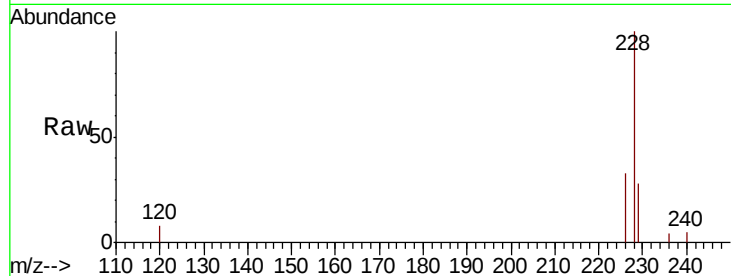
ClientSampled :

F9Y10

Tot Ion:	228	Resp:	16698
Ion Ratio	Lower	Upper	
228	100		
226	33.0	24.0	36.0
229	27.6	15.7	23.5#

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 0.305 ng/ul m

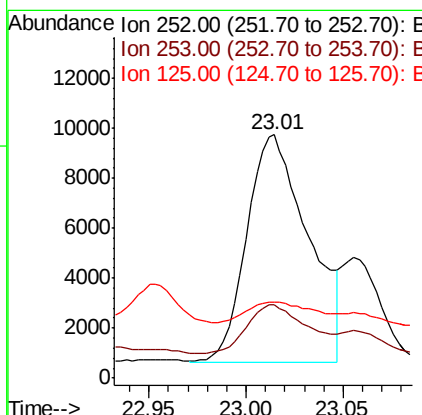
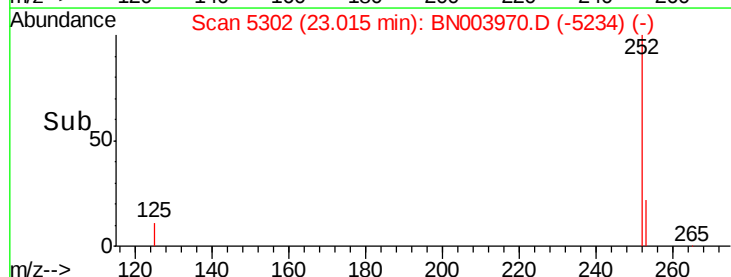
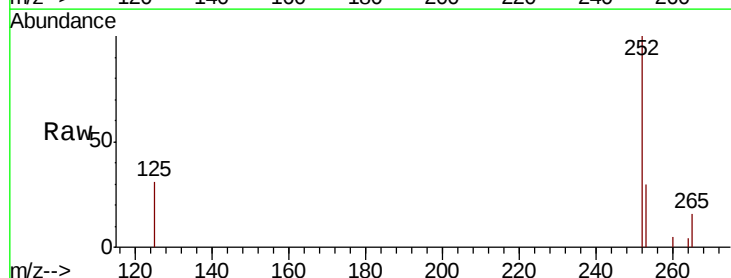
RT: 23.01 min Scan# 5302

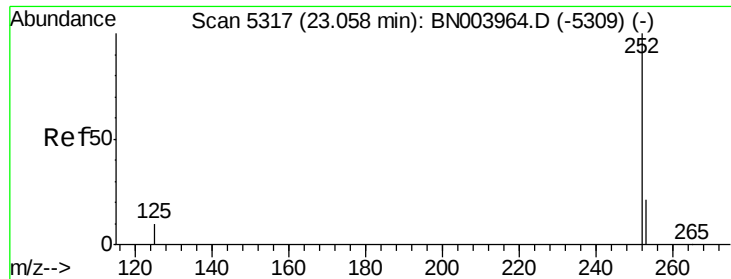
Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Tgt Ion:	252	Resp:	20056
Ion Ratio	Lower	Upper	
252	100		
253	29.9	0.0	46.0
125	31.4	0.0	22.4#





#22

Benzo(k)fluoranthene

Concen: 0.090 ng/ul m

RT: 23.06 min Scan# 5316

Delta R.T. -0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

Instrument :

BNA_N

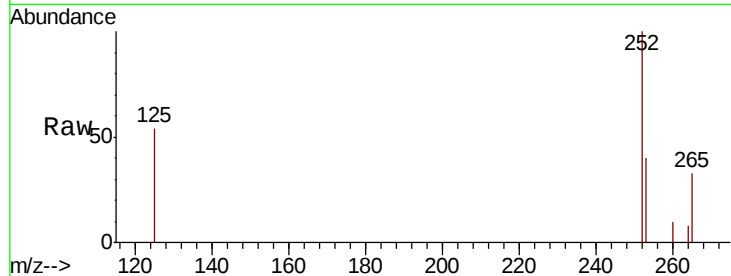
ClientSampleId :

F9Y10

Tot Ion:	252	Resp:	5775
Ion Ratio	Lower	Upper	
252	100		
253	39.7	18.5	27.7#
125	54.5	9.0	13.6#

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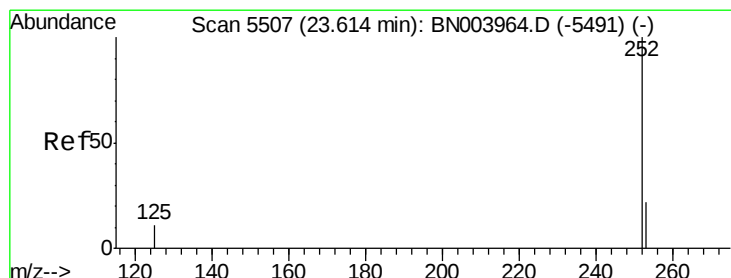
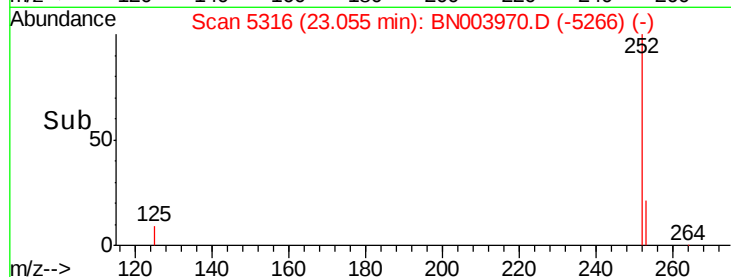
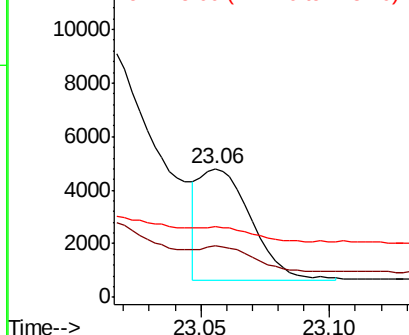


Abundance

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: 0.168 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. 0.00 min

Lab File: BN003970.D

Acq: 15 Dec 2018 22:10

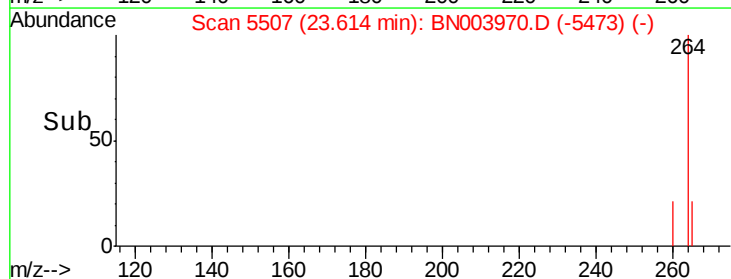
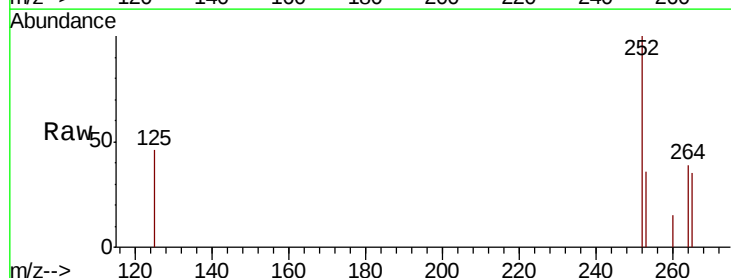
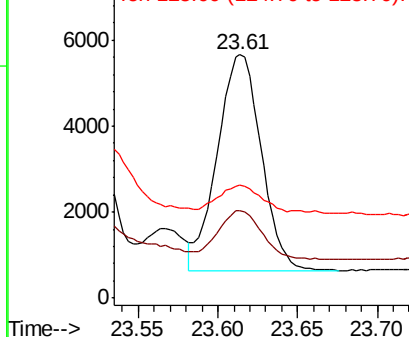
Tgt Ion:	252	Resp:	9599
Ion Ratio	Lower	Upper	
252	100		
253	36.1	19.0	28.4#
125	46.3	10.2	15.4#

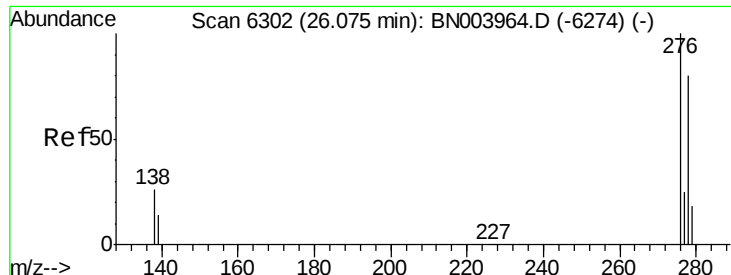
Abundance

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





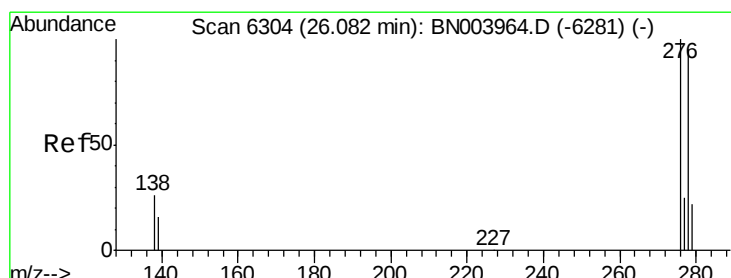
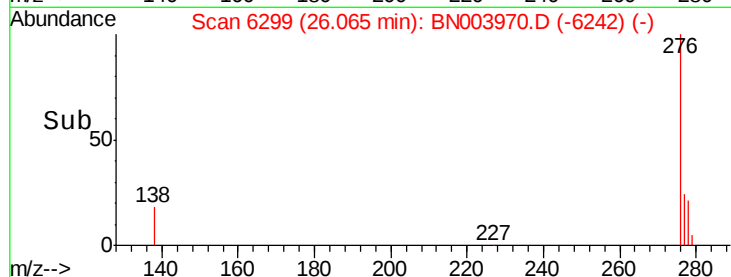
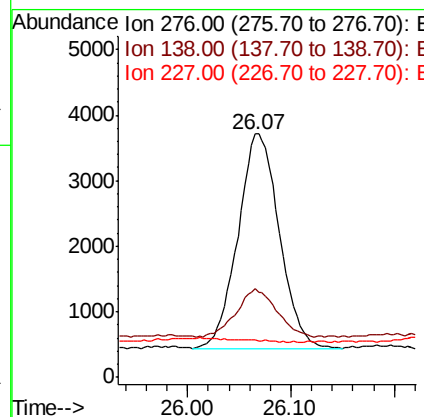
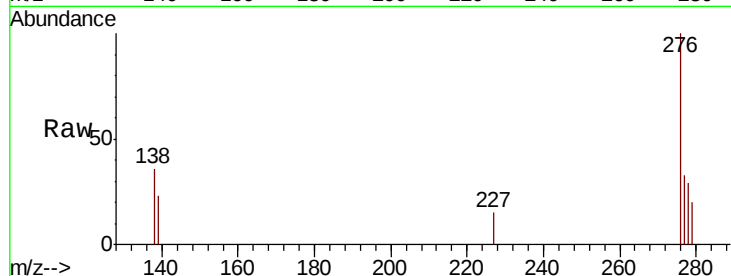
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.141 ng/ul
RT: 26.07 min Scan# 6299
Delta R.T. -0.01 min
Lab File: BN003970.D
Acq: 15 Dec 2018 22:10

Instrument :
BNA_N
ClientSampleId :
F9Y10

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.3	30.5
227	0.0	0.2	0.2#

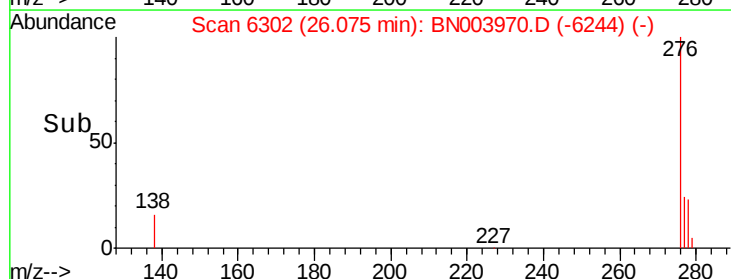
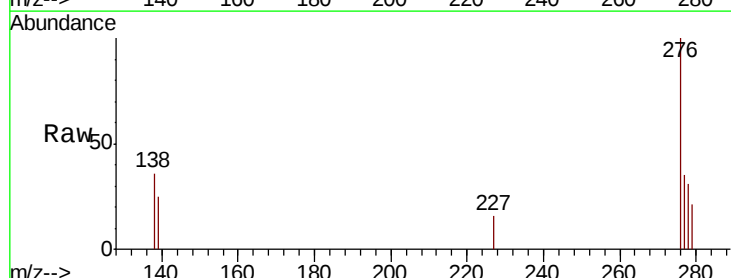
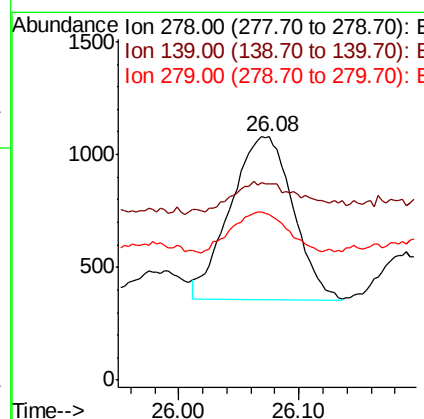
Manual Integrations
APPROVED

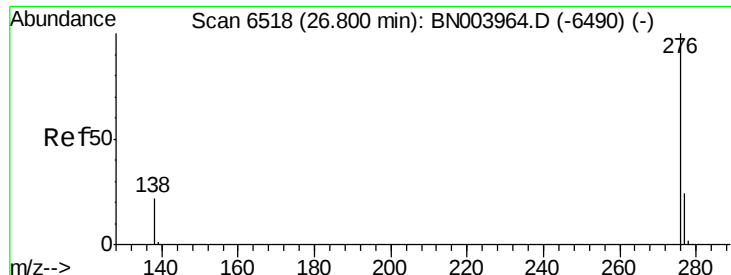
Sohil
12/17/2018 4:24:00 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.08 min Scan# 6302
Delta R.T. -0.01 min
Lab File: BN003970.D
Acq: 15 Dec 2018 22:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	80.8	14.2	21.4#
279	67.9	19.8	29.6#





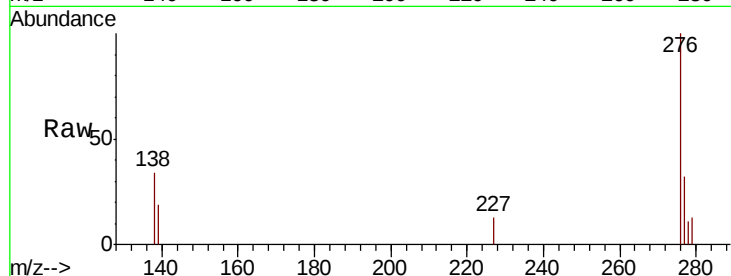
#26
 Benzo(a,h,i)perylene
 Concen: 0.203 ng/ul
 RT: 26.80 min Scan# 6518
 Delta R.T. 0.00 min
 Lab File: BN003970.D
 Acq: 15 Dec 2018 22:10

Instrument :
 BNA_N
 ClientSampleId :
 F9Y10

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	17.7	26.5#
277	32.5	19.3	28.9#

Manual Integrations
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Sohil
 12/17/2018 4:24:00 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

