

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051719\
 Data File : BN005735.D
 Acq On : 17 May 2019 18:24
 Operator : JU/SJ
 Sample : K2788-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5191

Manual Integrations
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 5/21/2019 2:17:59 PM

Quant Time: May 17 19:11:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 17 14:33:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1381	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5583	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	3643	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	7848m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	5283m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5284m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2027	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	4219m	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	2749	0.186	ng/ul#	93
5) 2-Methylnaphthalene	12.03	142	8013	0.794	ng/ul	99
7) Acenaphthylene	13.95	152	898	0.049	ng/ul#	35
8) Acenaphthene	14.29	153	4542	0.350	ng/ul	97
9) Fluorene	15.29	166	2811	0.185	ng/ul#	93
12) Phenanthrene	17.03	178	50646m	2.368	ng/ul	
13) Anthracene	17.12	178	9922m	0.465	ng/ul	
15) Fluoranthene	19.07	202	86066m	2.908	ng/ul	
17) Pyrene	19.43	202	71082	3.643	ng/ul#	95
18) Benzo(a)anthracene	21.22	228	33494m	1.839	ng/ul	
19) Chrysene	21.27	228	35498m	1.587	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	43132m	2.715	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	15705m	0.789	ng/ul	
23) Benzo(a)pyrene	23.37	252	31000m	1.746	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.69	276	21677m	1.091	ng/ul	
25) Dibenzo(a,h)anthracene	25.68	278	7032m	0.428	ng/ul	
26) Benzo(a,h,i)perylene	26.37	276	22742	1.343	ng/ul#	84

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

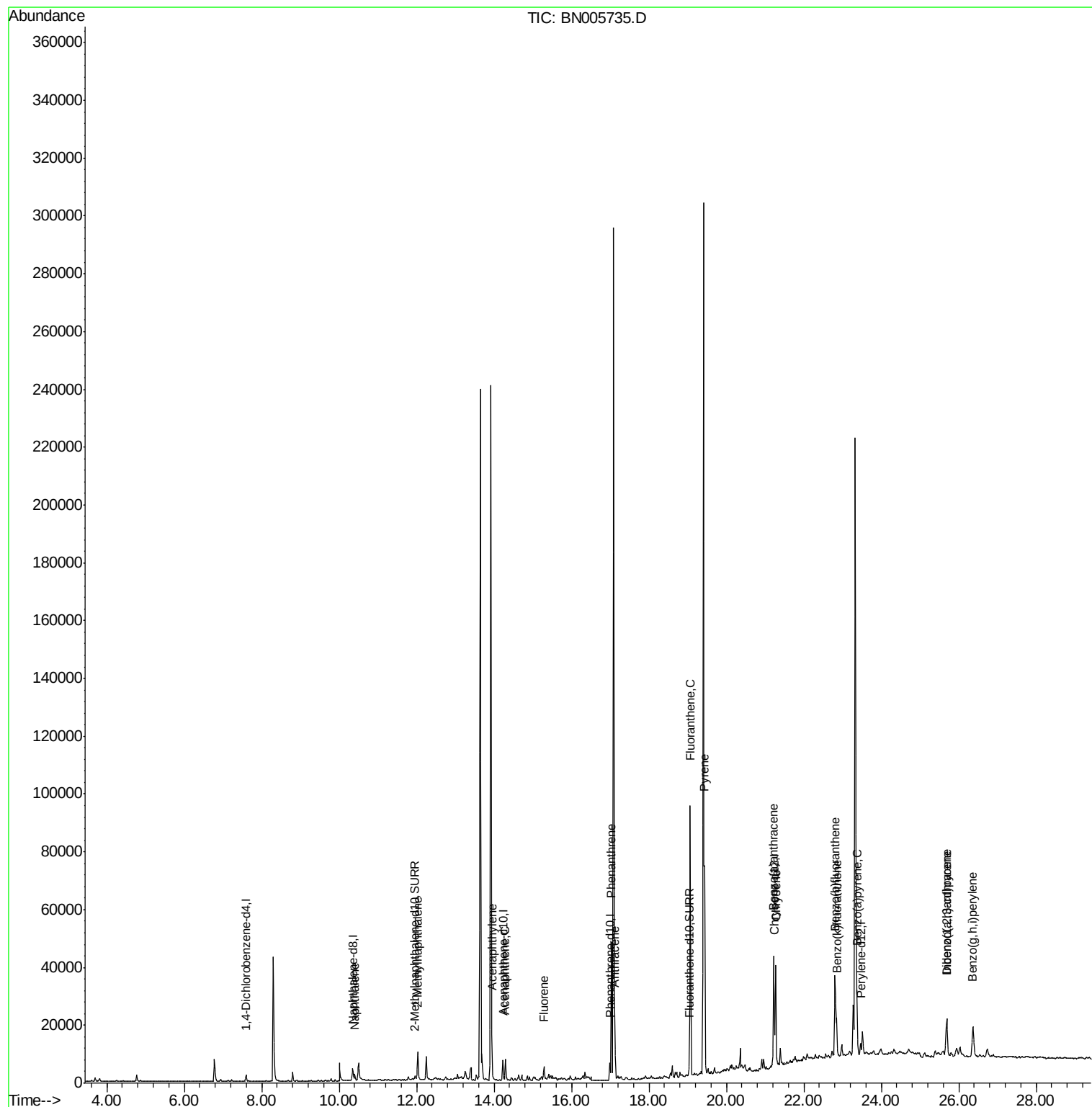
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051719\
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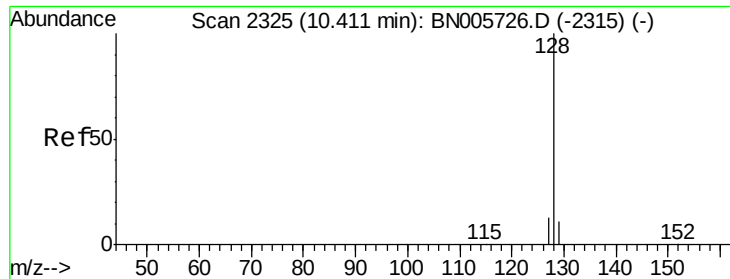
Instrument :
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A5191

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Quant Time: May 17 19:11:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 14:33:18 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.186 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Instrument :

BNA_N

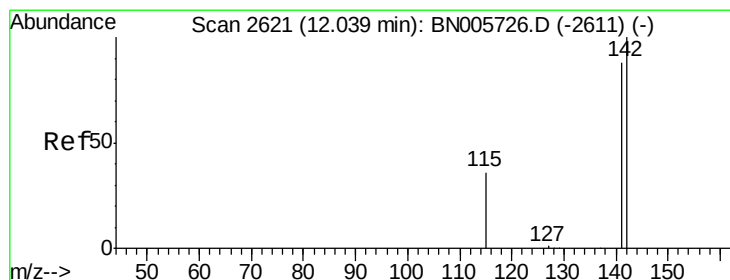
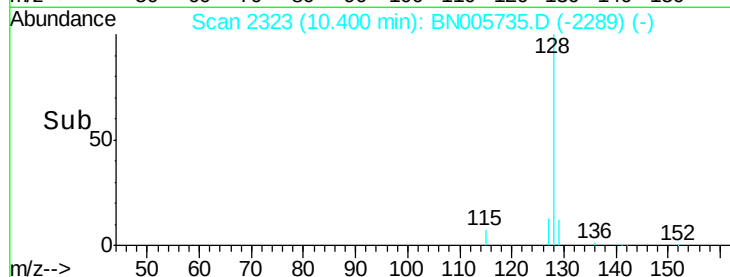
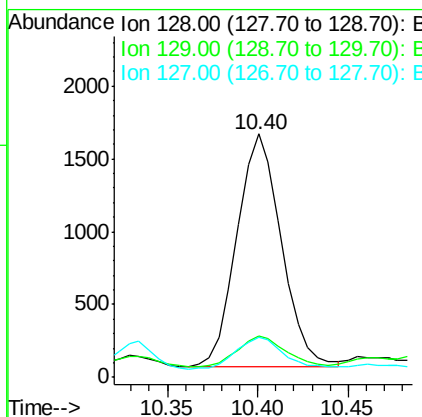
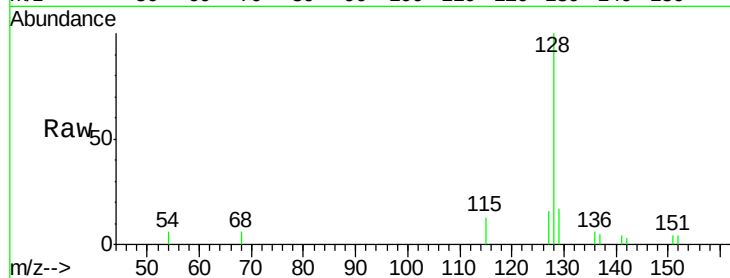
ClientSampleId :

A5191

Tot Ion:	128	Resp:	2749
Ion	Ratio	Lower	Upper
128	100		
129	17.0	10.2	15.2#
127	16.4	11.8	17.8

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#5

2-Methylnaphthalene

Concen: 0.794 ng/ul

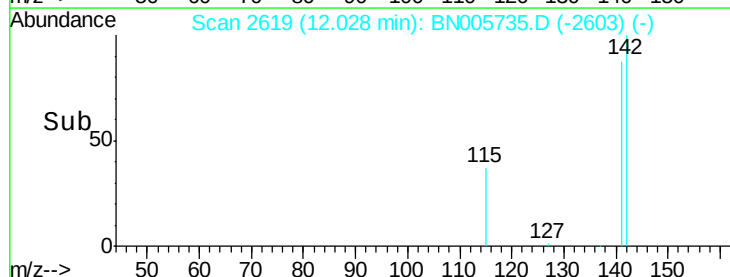
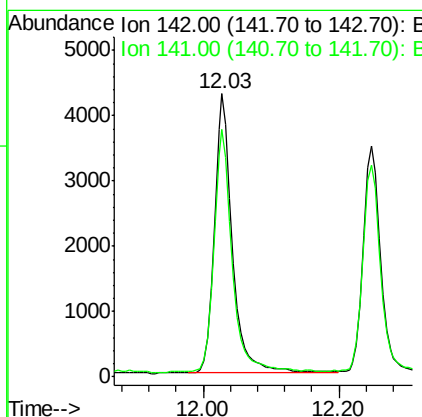
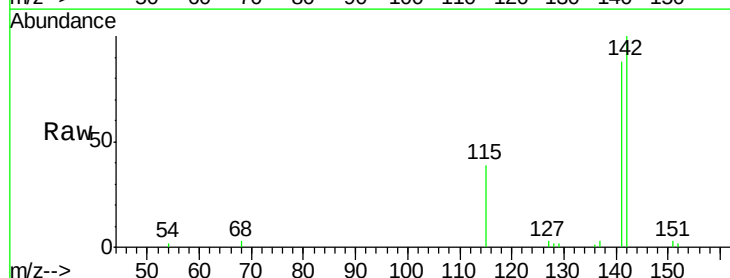
RT: 12.03 min Scan# 2619

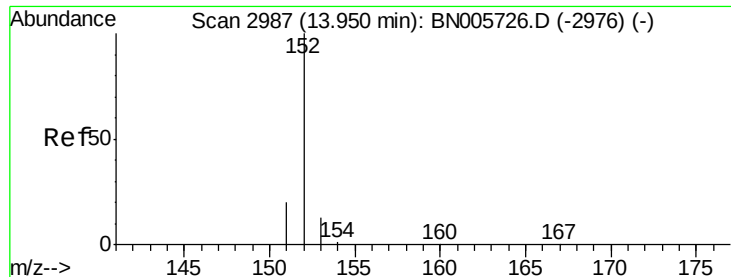
Delta R.T. -0.01 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Tgt Ion:	142	Resp:	8013
Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.2





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Instrument :

BNA_N

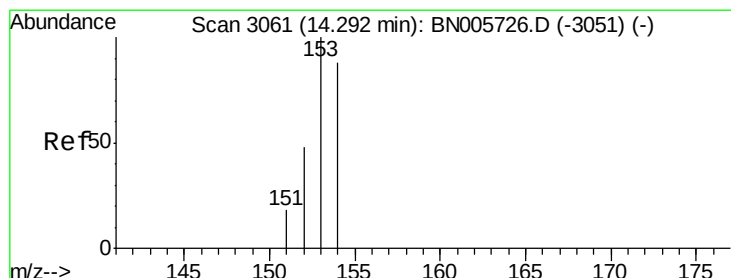
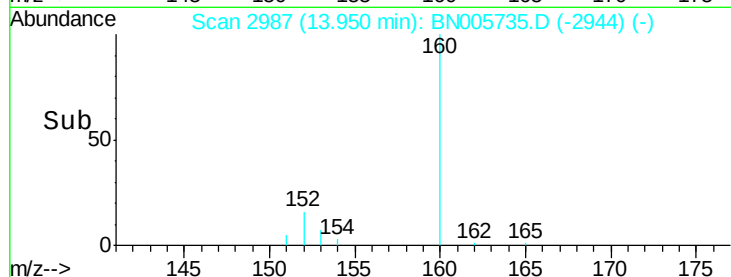
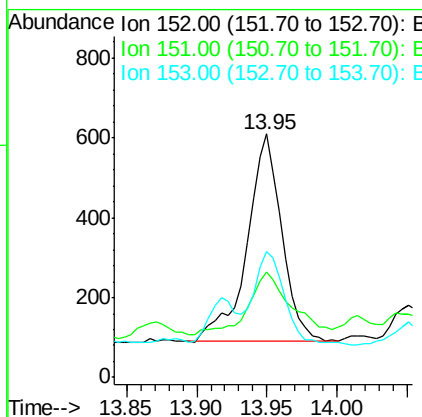
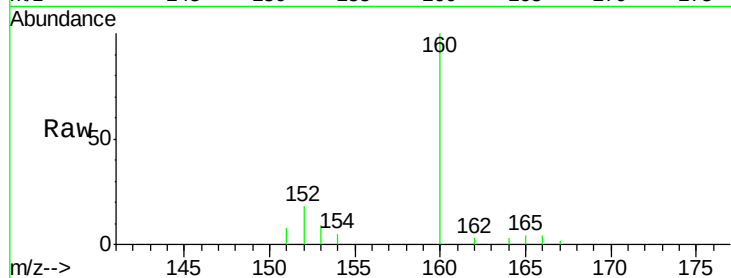
ClientSampleId :

A5191

Tot Ion:	152	Resp:	898
Ion Ratio	Lower	Upper	
152	100		
151	43.1	16.7	25.1#
153	51.5	11.6	17.4#

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#8

Acenaphthene

Concen: 0.350 ng/ul

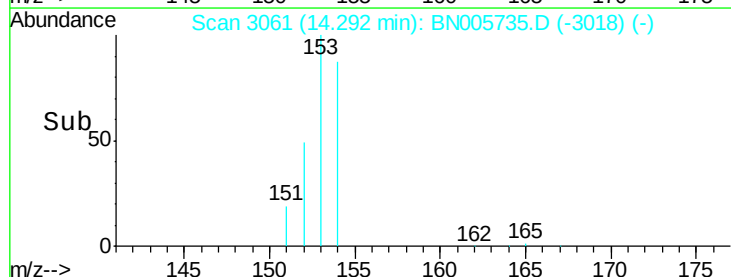
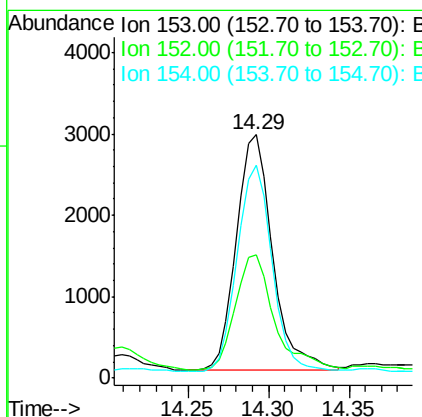
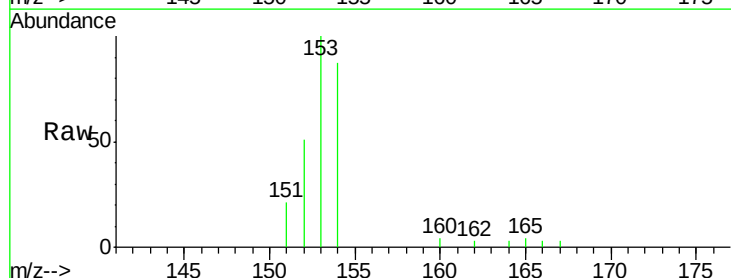
RT: 14.29 min Scan# 3061

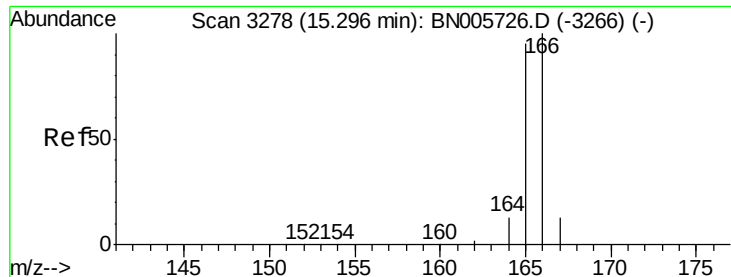
Delta R.T. 0.00 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Tgt Ion:	153	Resp:	4542
Ion Ratio	Lower	Upper	
153	100		
152	50.6	40.8	61.2
154	87.2	73.2	109.8





#9

Fluorene

Concen: 0.185 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. -0.01 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Instrument :

BNA_N

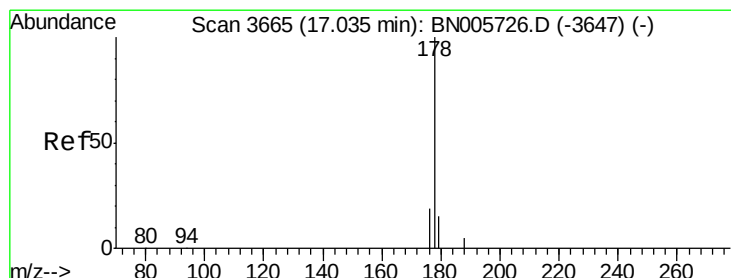
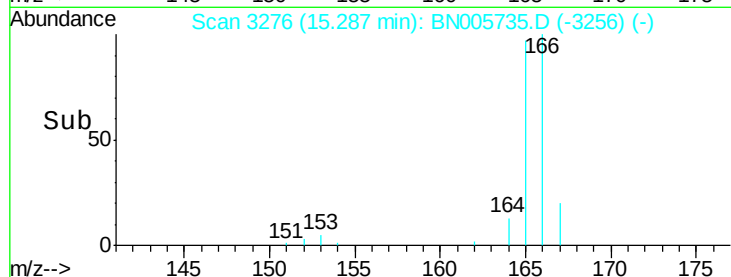
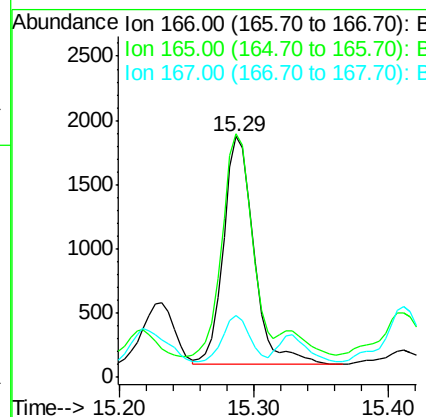
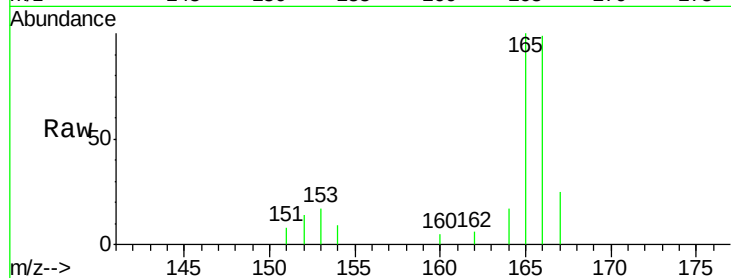
ClientSampled :

A5191

Tot Ion:	166	Resp:	2811
Ion Ratio	Lower	Upper	
166	100		
165	101.2	78.0	117.0
167	25.7	12.2	18.4

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#12

Phenanthrene

Concen: 2.368 ng/ul m

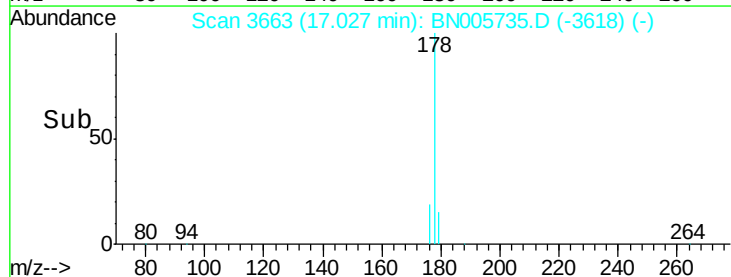
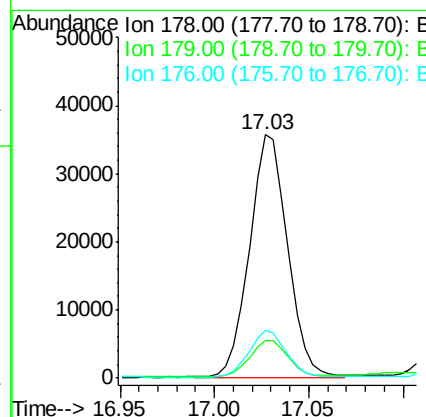
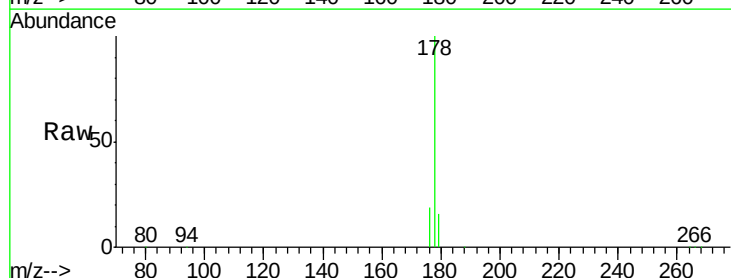
RT: 17.03 min Scan# 3663

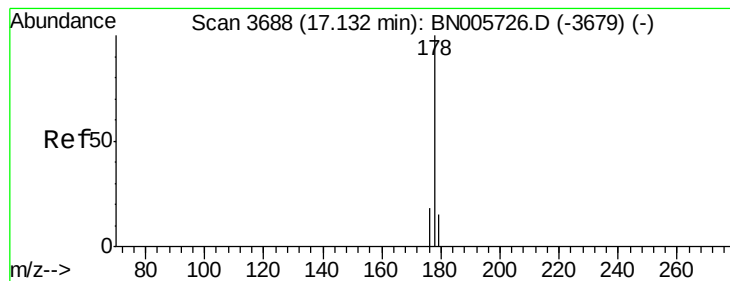
Delta R.T. -0.01 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Tgt Ion:	178	Resp:	50646
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.4	15.3	22.9





#13

Anthracene

Concen: 0.465 ng/ul m

RT: 17.12 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Instrument :

BNA_N

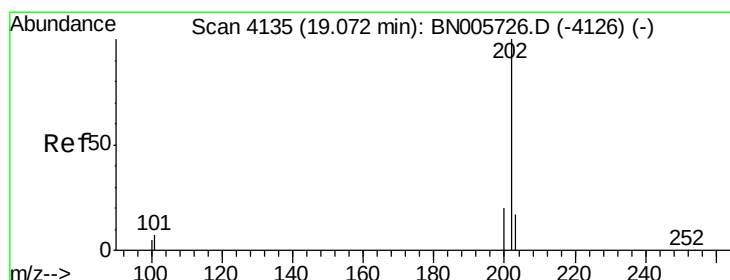
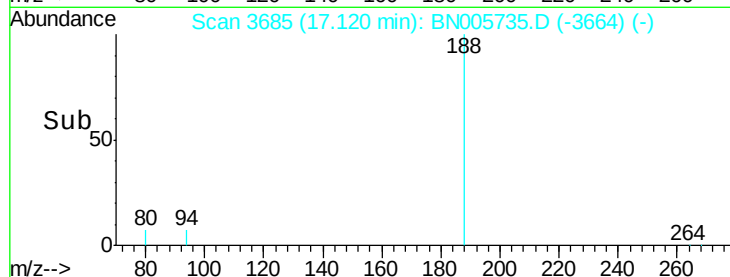
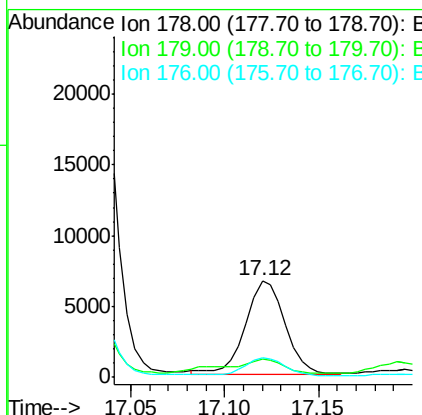
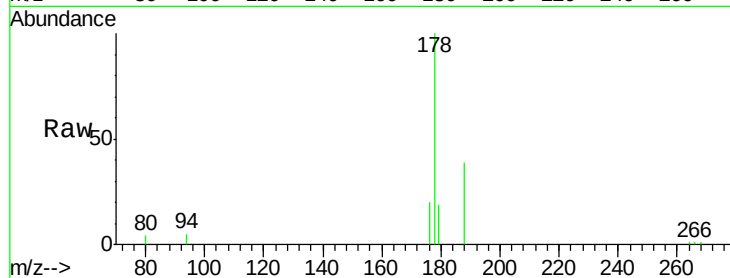
ClientSampleId :

A5191

Tot Ion:	178	Resp:	9922
Ion Ratio	Lower	Upper	
178	100		
179	18.6	13.4	20.2
176	20.0	15.1	22.7

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#15

Fluoranthene

Concen: 2.908 ng/ul m

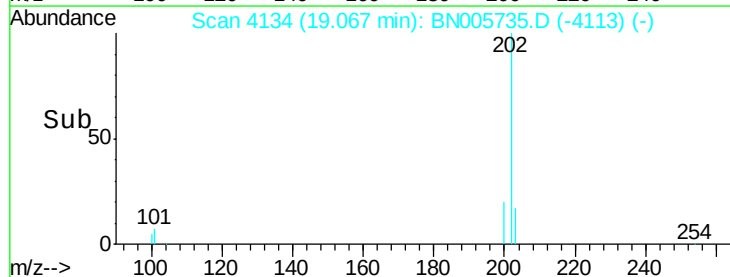
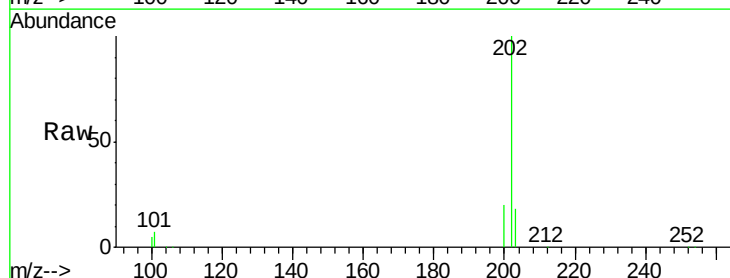
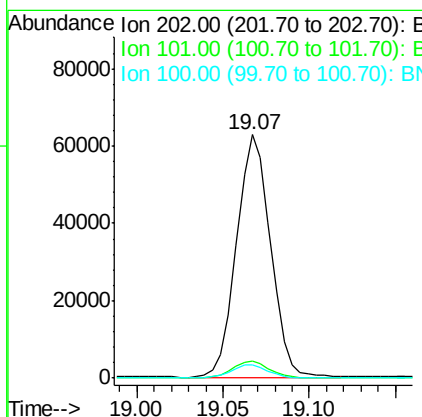
RT: 19.07 min Scan# 4134

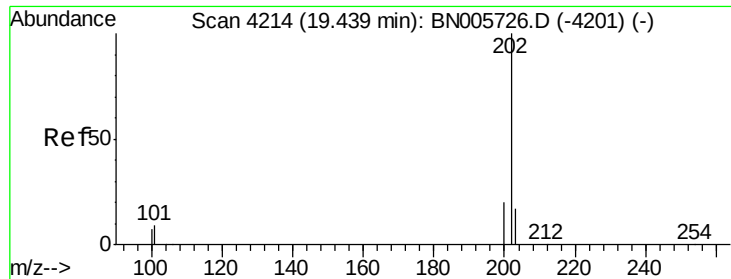
Delta R.T. -0.00 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Tgt Ion:	202	Resp:	86066
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	29.4
100	5.4	0.0	27.1





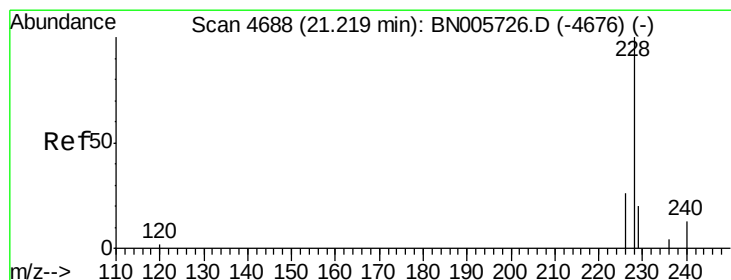
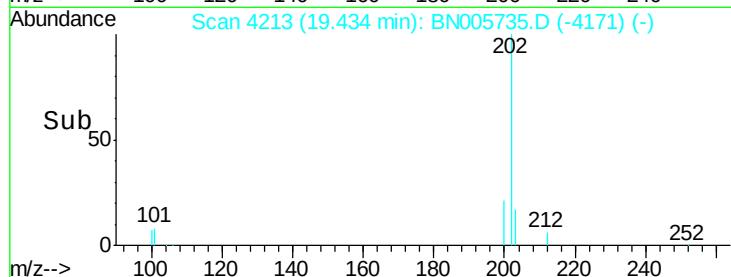
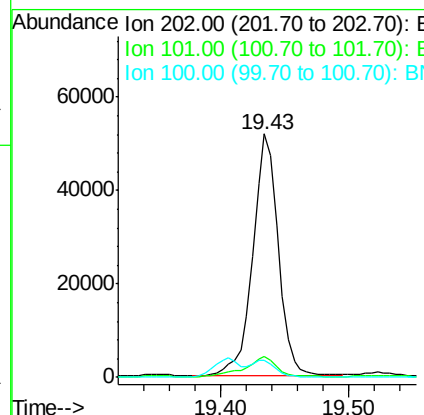
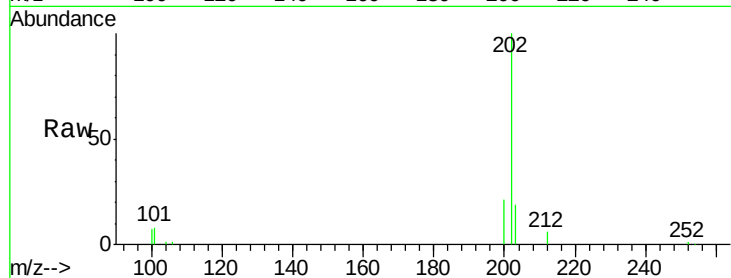
#17
Pvrene
Concen: 3.643 ng/ul
RT: 19.43 min Scan# 4213
Delta R.T. -0.00 min
Lab File: BN005735.D
Acq: 17 May 2019 18:24

Instrument :
BNA_N
ClientSampleId :
A5191

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	8.5	12.7#
100	7.2	6.9	10.3

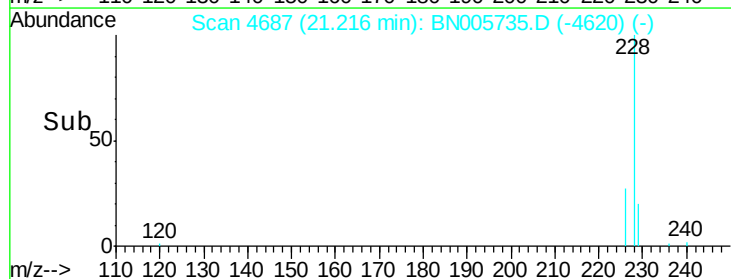
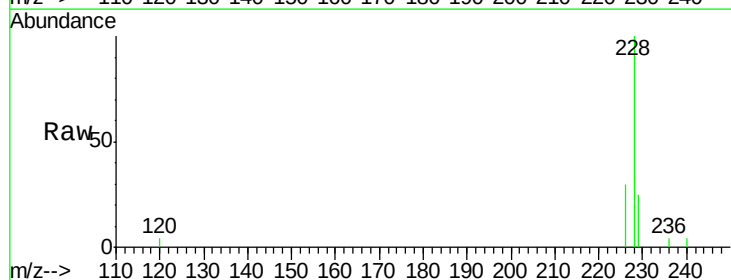
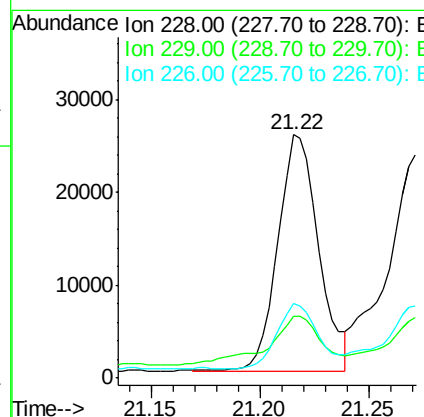
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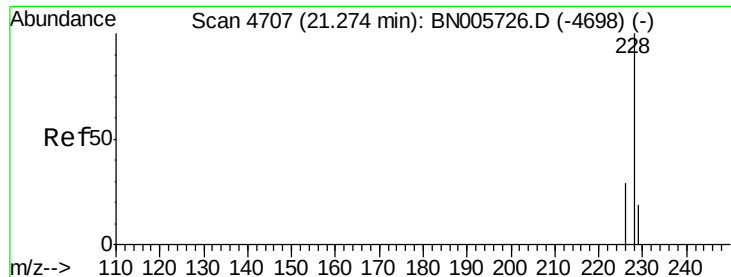
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#18
Benzo(a)anthracene
Concen: 1.839 ng/ul m
RT: 21.22 min Scan# 4687
Delta R.T. -0.00 min
Lab File: BN005735.D
Acq: 17 May 2019 18:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.3	15.8	23.8#
226	30.4	21.7	32.5





#19

Chrysene

Concen: 1.587 ng/ul m

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Instrument :

BNA_N

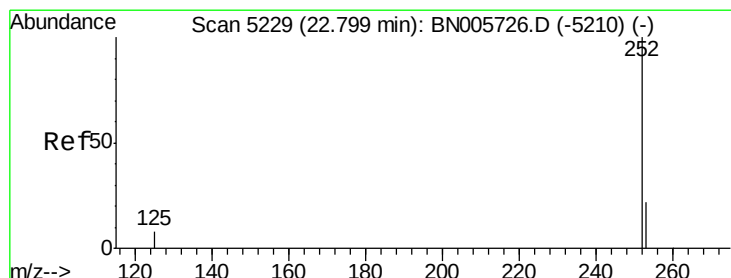
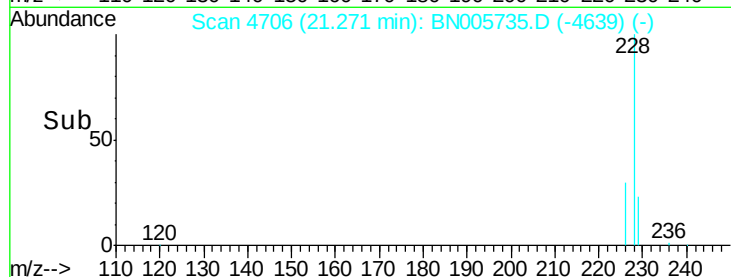
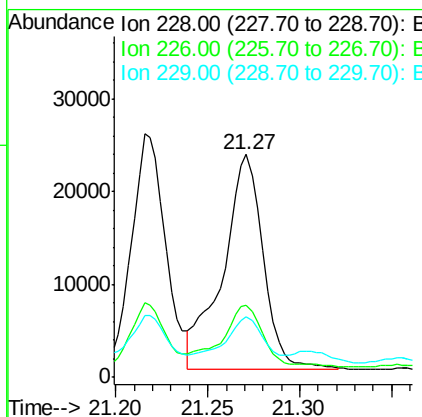
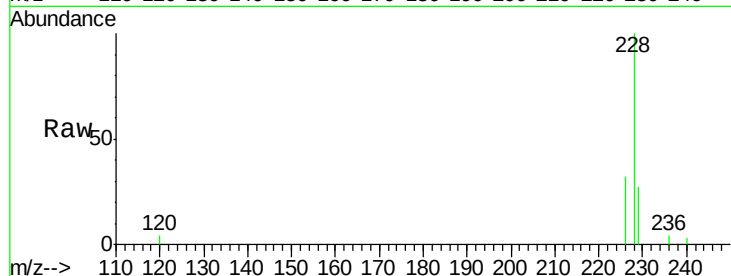
ClientSampleId :

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Tot Ion:	228	Resp:	35498
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.2	34.8
229	26.9	16.0	24.0#

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#21

Benzo(b)fluoranthene

Concen: 2.715 ng/ul m

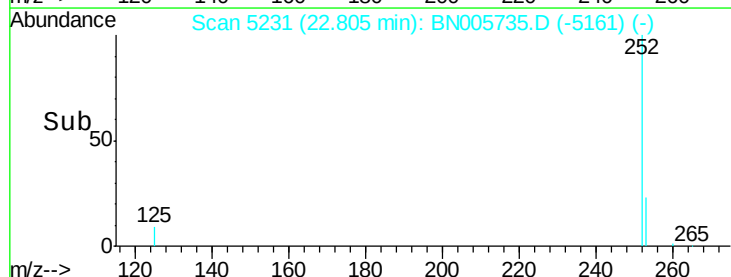
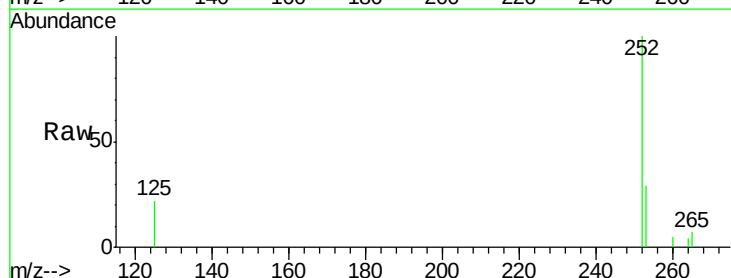
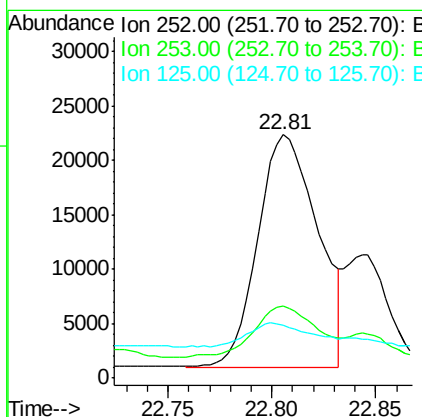
RT: 22.81 min Scan# 5231

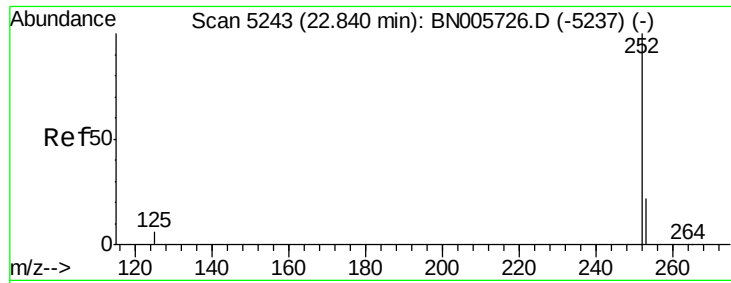
Delta R.T. 0.01 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Tgt Ion:	252	Resp:	43132
Ion Ratio	Lower	Upper	
252	100		
253	29.4	0.0	47.6
125	21.9	0.0	20.8#





#22

Benzo(k)fluoranthene

Concen: 0.789 ng/ul m

RT: 22.84 min Scan# 5244

Delta R.T. 0.00 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Instrument :

BNA_N

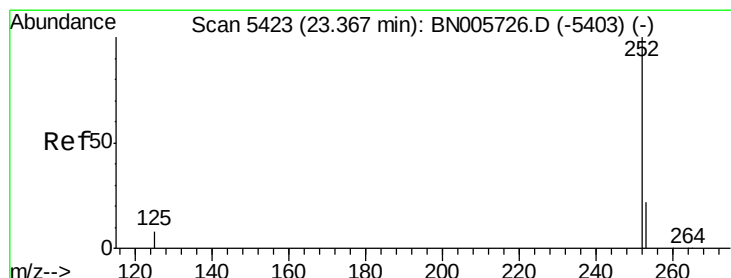
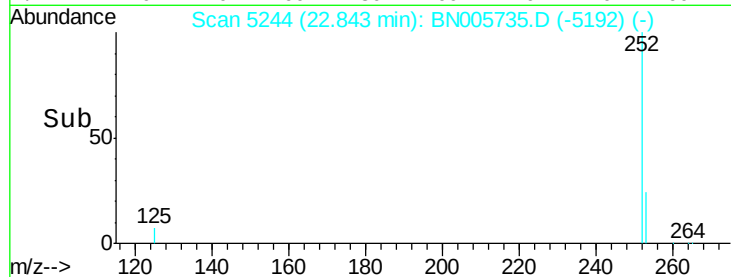
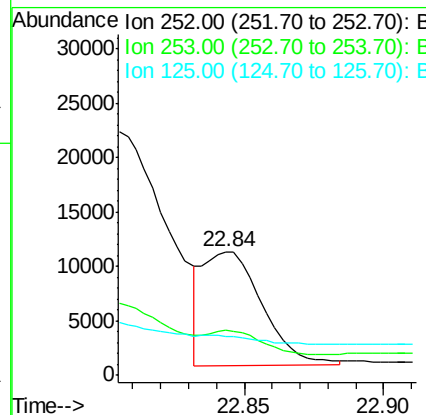
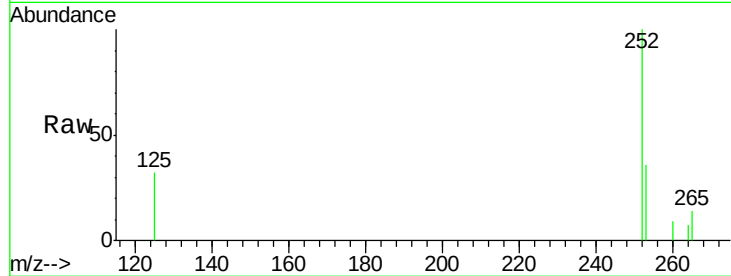
ClientSampled :

A5191

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.2	18.8	28.2#
125	31.6	7.6	11.4#

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#23

Benzo(a)pyrene

Concen: 1.746 ng/ul m

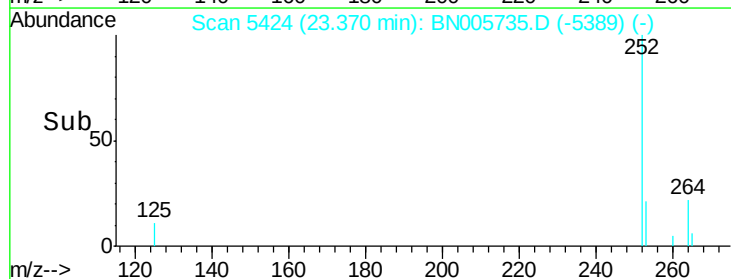
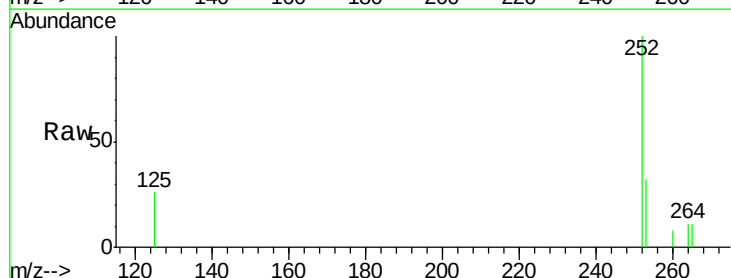
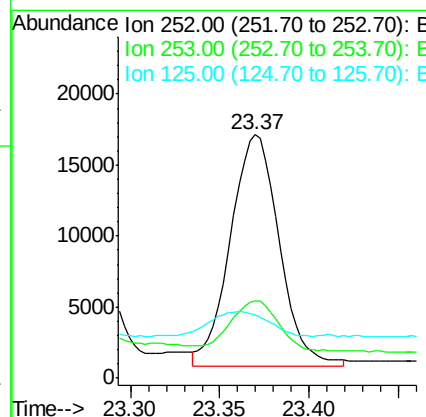
RT: 23.37 min Scan# 5424

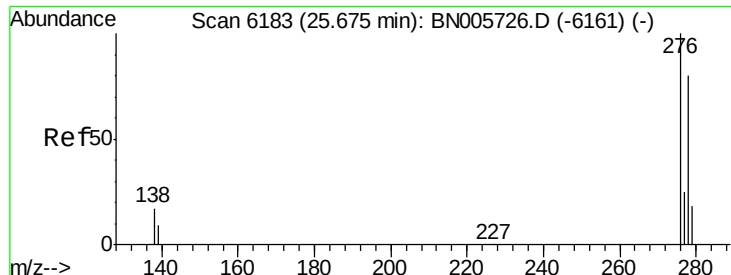
Delta R.T. 0.00 min

Lab File: BN005735.D

Acq: 17 May 2019 18:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.9	19.6	29.4#
125	25.9	10.1	15.1#





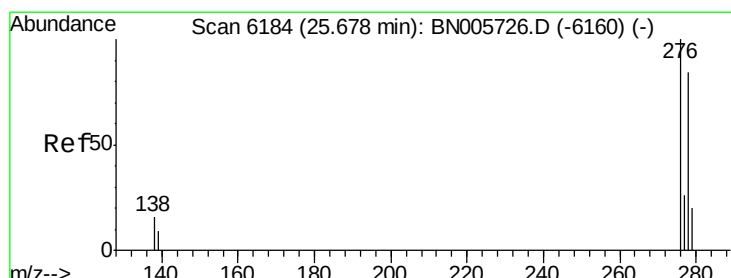
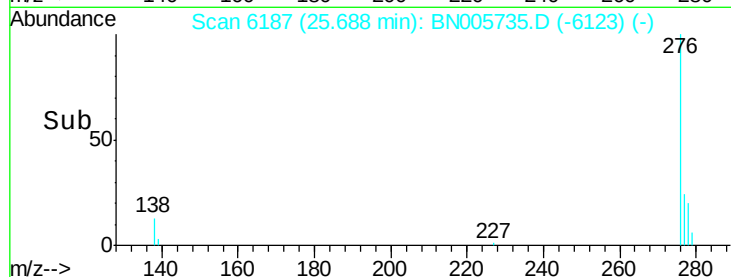
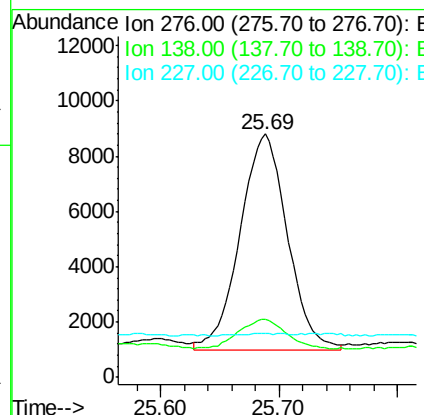
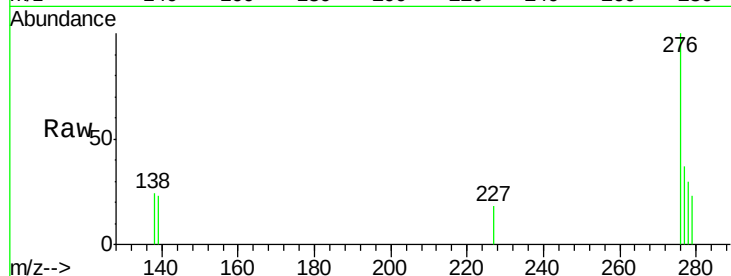
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.091 ng/ul m
 RT: 25.69 min Scan# 6187
 Delta R.T. 0.01 min
 Lab File: BN005735.D
 Acq: 17 May 2019 18:24

Instrument :
 BNA_N
 ClientSampleId :
 A5191

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.8	23.8#
227	0.1	0.1	0.1#

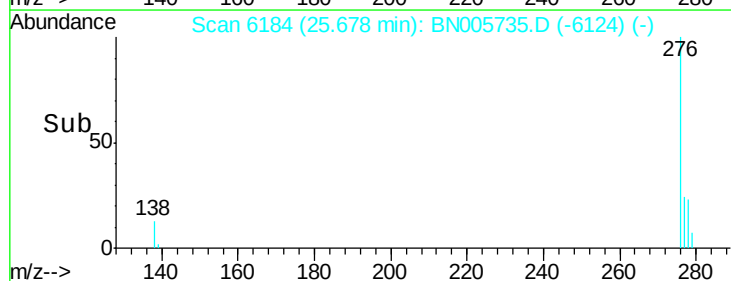
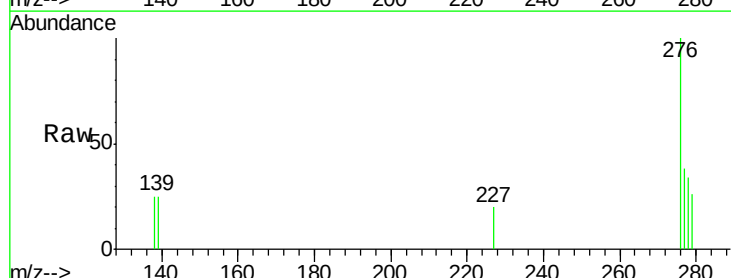
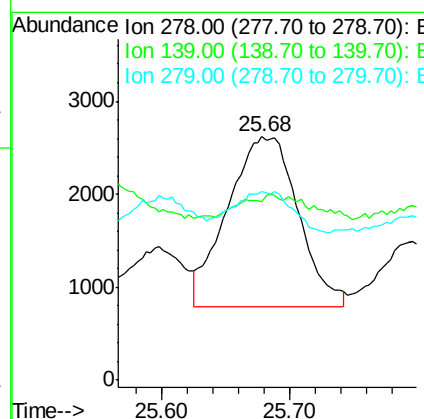
Manual Integrations
 APPROVED

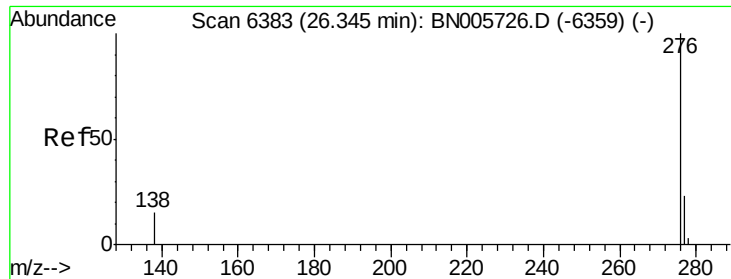
mohammad
 5/21/2019 2:17:59 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.428 ng/ul m
 RT: 25.68 min Scan# 6184
 Delta R.T. 0.00 min
 Lab File: BN005735.D
 Acq: 17 May 2019 18:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	73.2	12.4	18.6#
279	77.3	21.0	31.4#





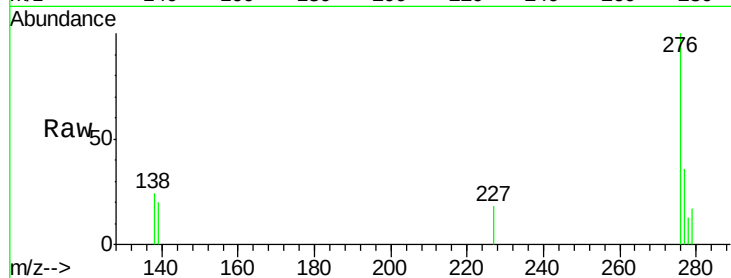
#26
Benzo(a,h,i)perylene
Concen: 1.343 ng/ul
RT: 26.37 min Scan# 6389
Delta R.T. 0.02 min
Lab File: BN005735.D
Acq: 17 May 2019 18:24

Instrument :
BNA_N
ClientSampleId :
A5191

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	15.6	23.4#
277	36.4	20.6	31.0#

Manual Integrations
APPROVED

mohammad
5/21/2019 2:17:59 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

