

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008503.D
 Acq On : 08 Nov 2019 11:41
 Operator : JU
 Sample : K5699-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J01

Manual Integrations
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mohammad
 11/11/2019 8:08:48 AM

Quant Time: Nov 08 12:19:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1421	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	6259	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3686	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7832m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	6127	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	6335	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2632	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	7718	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	69042	3.876	ng/ul	96
5) 2-Methylnaphthalene	11.98	142	5080	0.428	ng/ul	99
7) Acenaphthylene	13.90	152	1638	0.095	ng/ul#	91
8) Acenaphthene	14.25	153	4529	0.326	ng/ul	98
9) Fluorene	15.25	166	2635	0.173	ng/ul	98
12) Phenanthrene	16.98	178	3196	0.134	ng/ul	95
13) Anthracene	17.07	178	5904	0.283	ng/ul	99
15) Fluoranthene	19.00	202	9418	0.345	ng/ul	99
17) Pyrene	19.37	202	11697m	0.391	ng/ul	
18) Benzo(a)anthracene	21.13	228	4282	0.201	ng/ul#	93
19) Chrysene	21.18	228	3211m	0.118	ng/ul	
21) Benzo(b)fluoranthene	22.67	252	10325m	0.437	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	3093m	0.115	ng/ul	
23) Benzo(a)pyrene	23.21	252	4000	0.168	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.45	276	2614	0.097	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.46	278	661	0.031	ng/ul#	25
26) Benzo(a,h,i)perylene	26.10	276	2242	0.093	ng/ul#	87

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

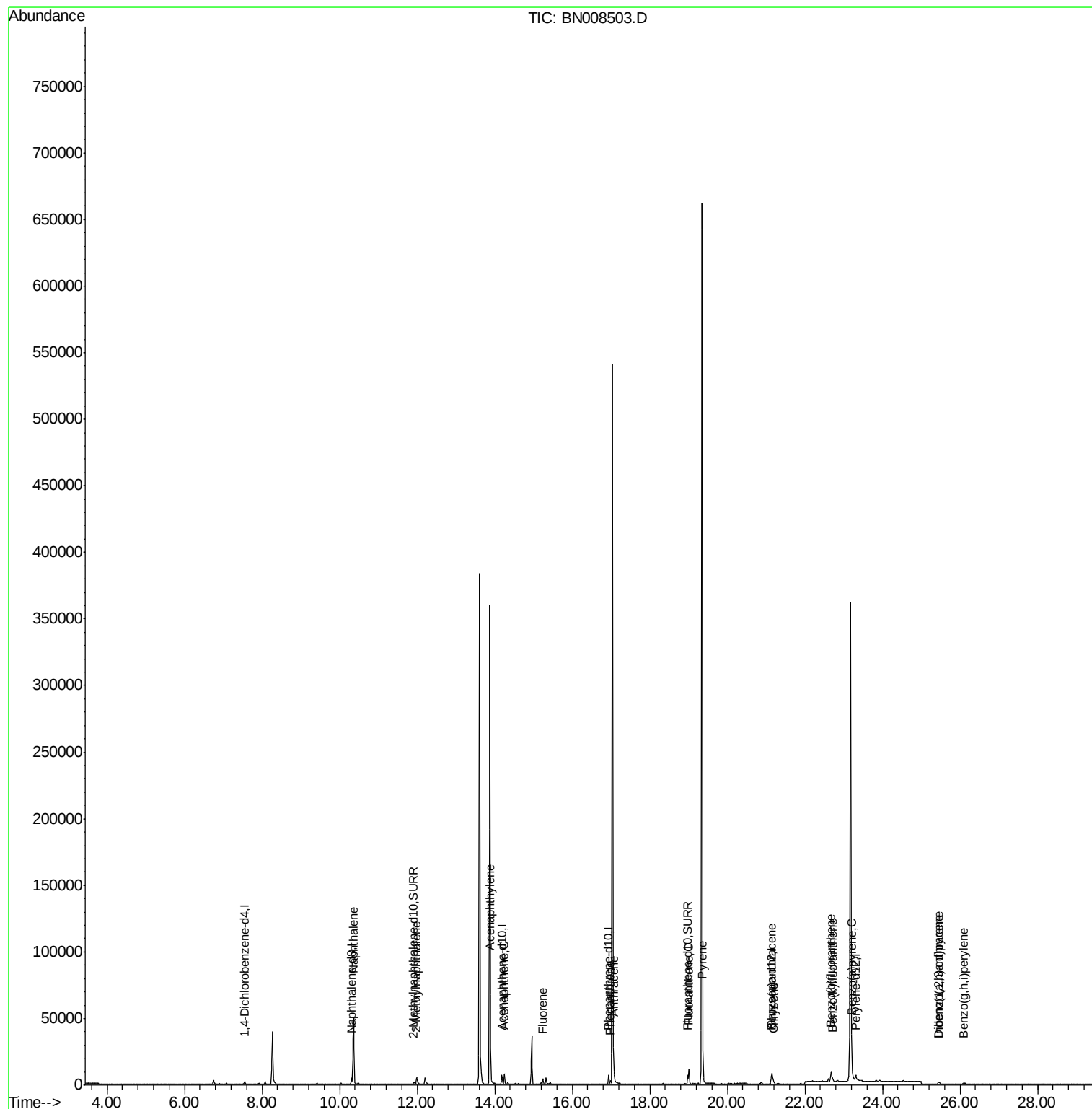
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
Data File : BN008503.D
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ALS Vial : 23 Sample Multiplier: 1

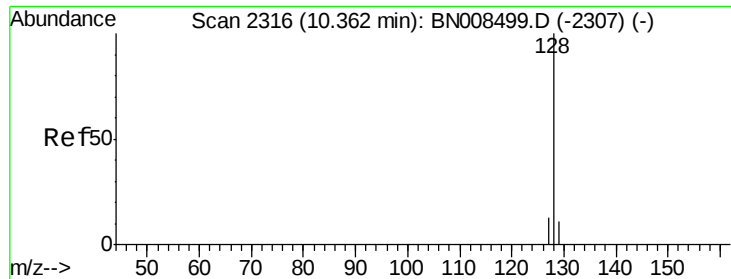
Instrument :
BNA_N
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Quant Time: Nov 08 12:19:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.876 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008503.D

Acq: 08 Nov 2019 11:41

Instrument :

BNA_N

ClientSampleId :

F2J01

Tot Ion:128 Resp: 69042

Ion Ratio Lower Upper

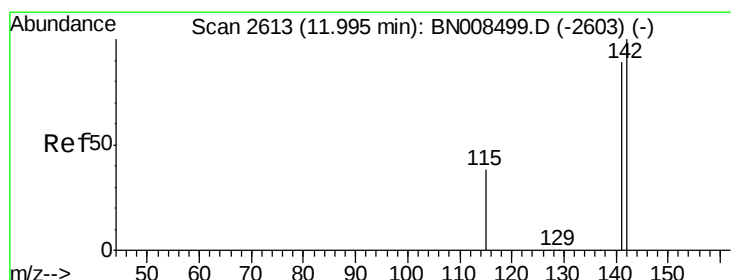
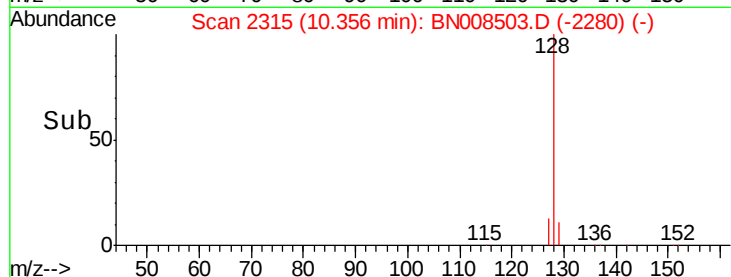
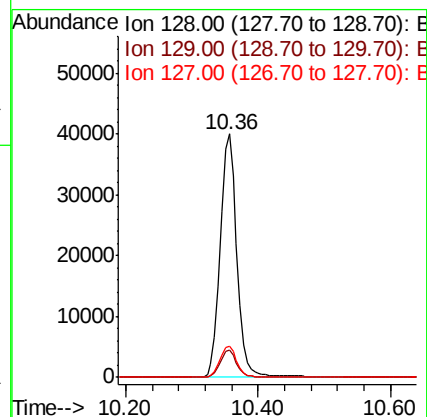
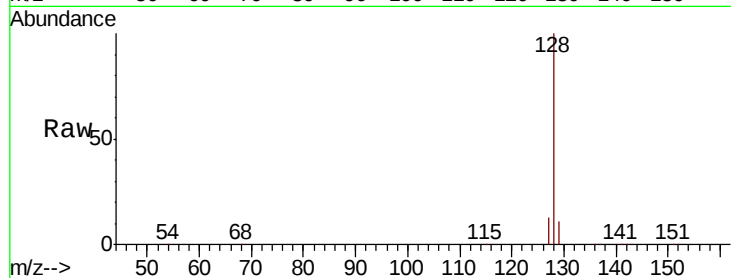
128 100

129 11.1 10.0 15.0

127 13.0 11.6 17.4

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#5

2-Methylnaphthalene

Concen: 0.428 ng/ul

RT: 11.98 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BN008503.D

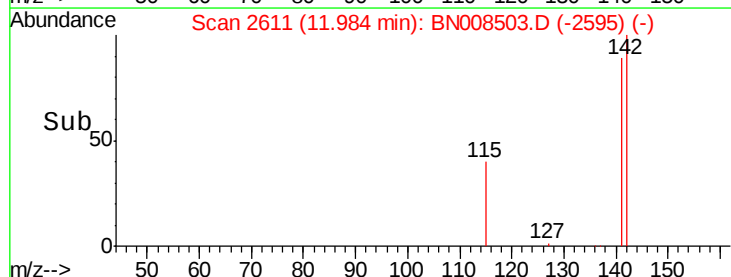
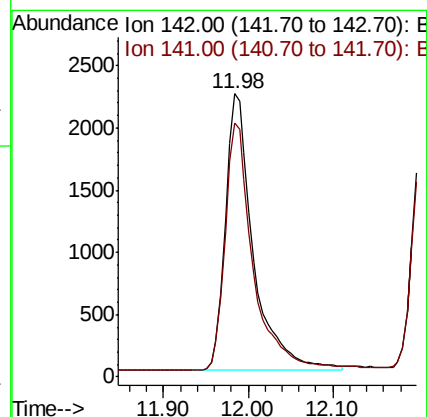
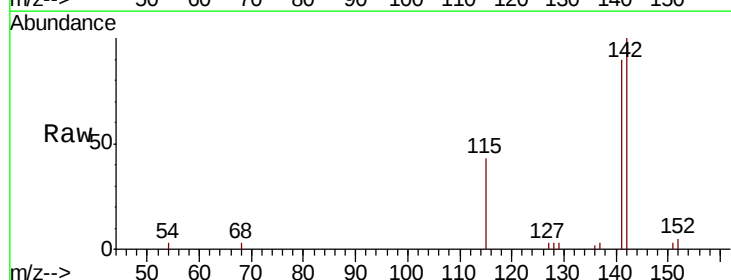
Acq: 08 Nov 2019 11:41

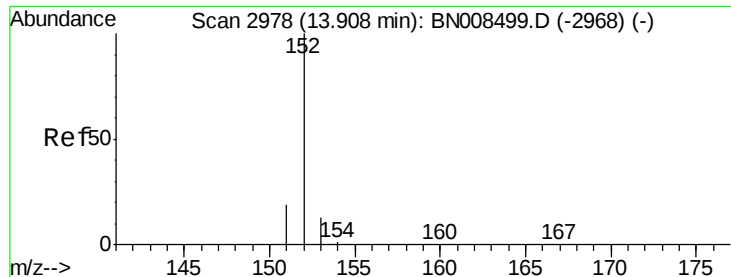
Tgt Ion:142 Resp: 5080

Ion Ratio Lower Upper

142 100

141 89.7 72.8 109.2





#7

Acenaphthylene

Concen: 0.095 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BN008503.D

Acq: 08 Nov 2019 11:41

Instrument :

BNA_N

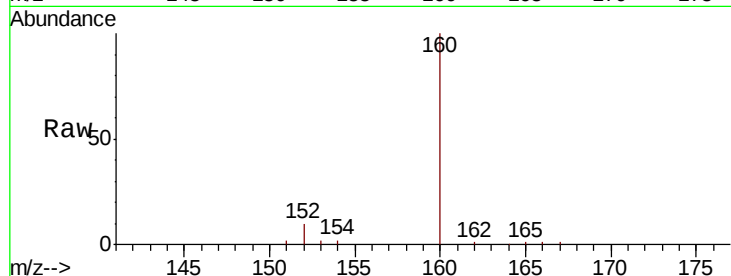
ClientSampleId :

F2J01

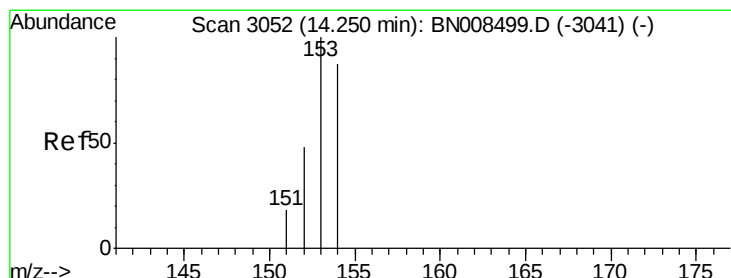
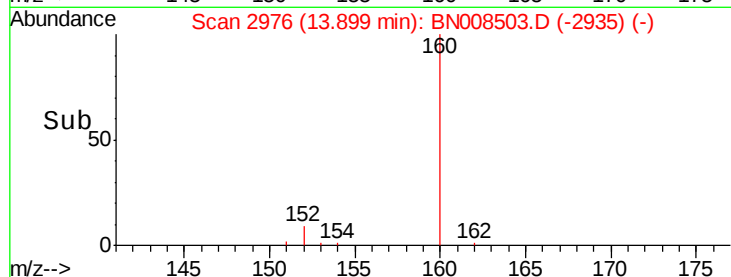
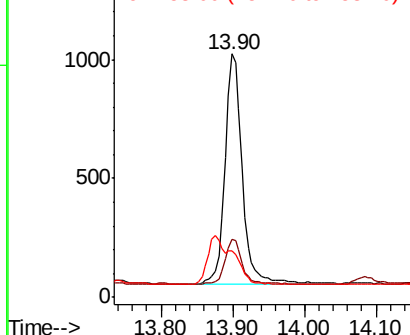
Tot Ion:	152	Resp:	1638
Ion Ratio	Lower	Upper	
152	100		
151	23.9	16.7	25.1
153	19.1	11.4	17.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.326 ng/ul

RT: 14.25 min Scan# 3051

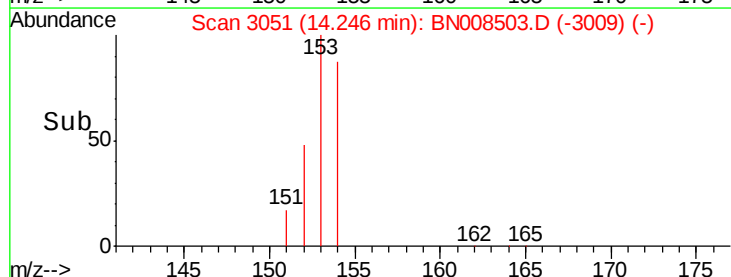
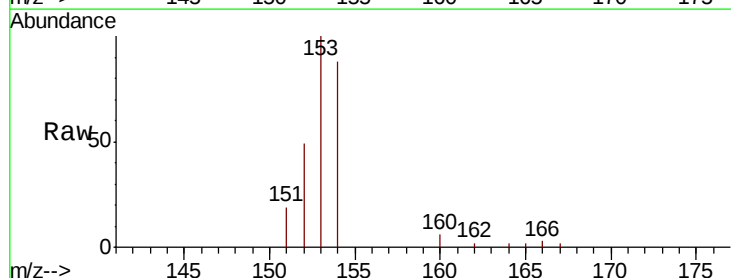
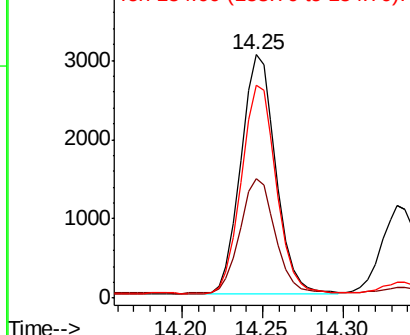
Delta R.T. -0.00 min

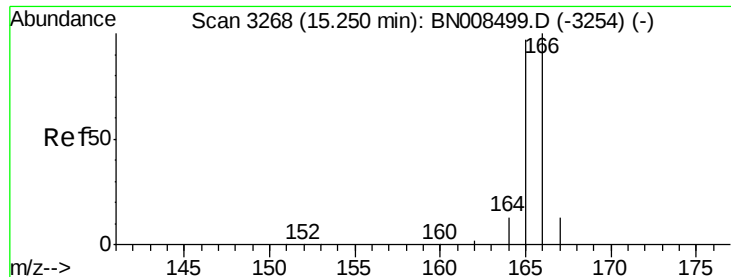
Lab File: BN008503.D

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Tgt Ion:	153	Resp:	4529
Ion Ratio	Lower	Upper	
153	100		
152	49.3	39.8	59.8
154	87.6	71.6	107.4

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.173 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN008503.D

Acq: 08 Nov 2019 11:41

Instrument :

BNA_N

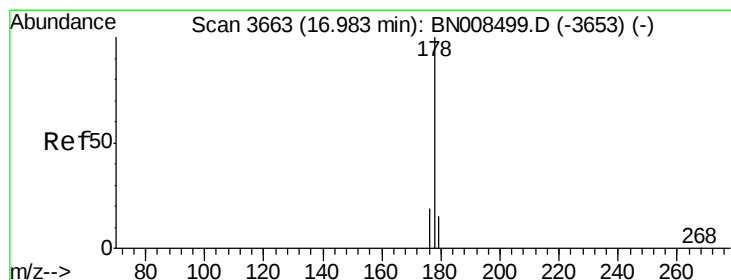
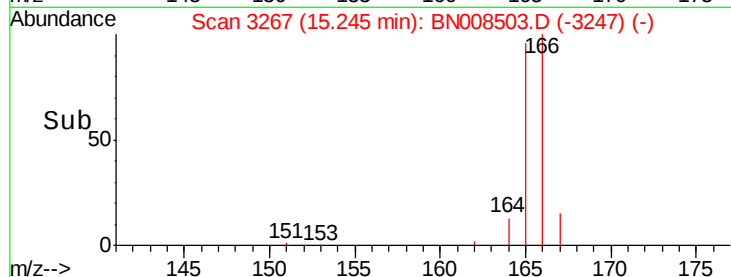
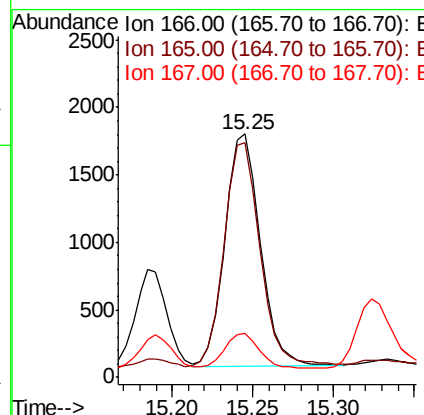
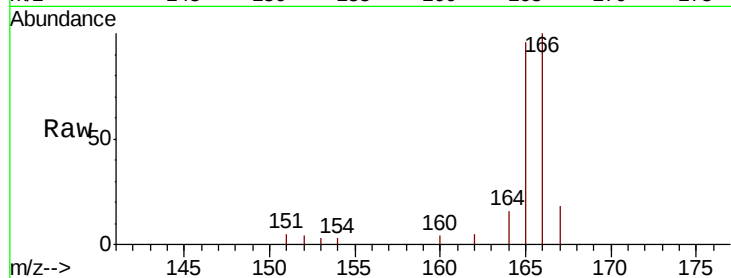
ClientSampleId :

F2J01

Tot Ion:	166	Resp:	2635
Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.2	117.2
167	18.0	12.1	18.1

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#12

Phenanthrene

Concen: 0.134 ng/ul

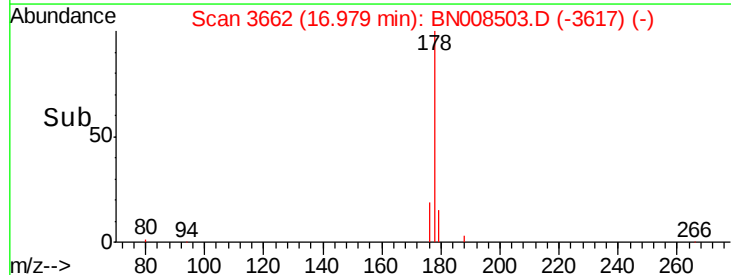
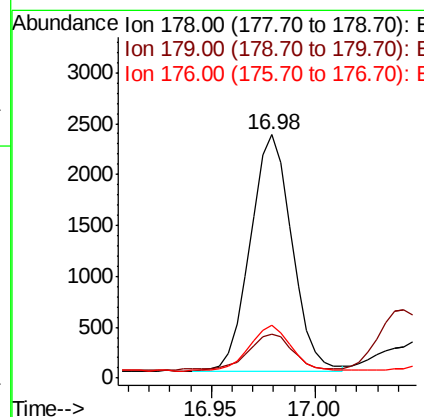
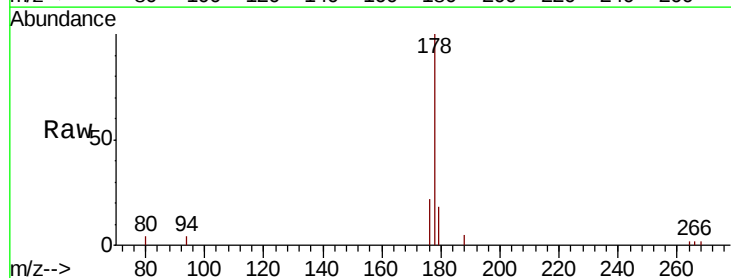
RT: 16.98 min Scan# 3662

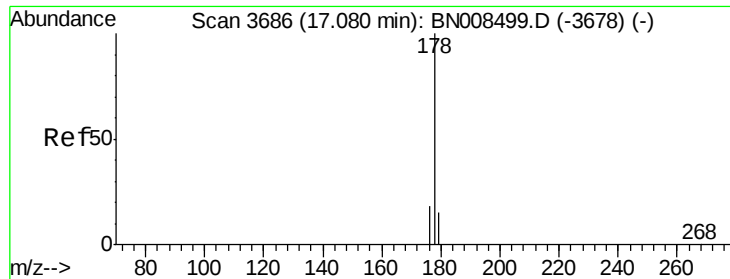
Delta R.T. -0.01 min

Lab File: BN008503.D

Acq: 08 Nov 2019 11:41

Tgt Ion:	178	Resp:	3196
Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.2	19.8
176	21.8	15.6	23.4





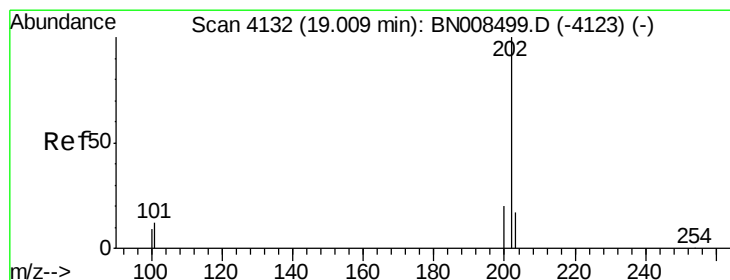
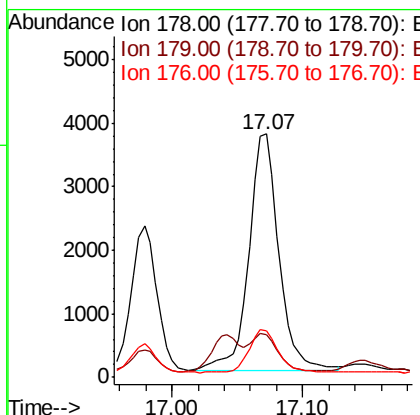
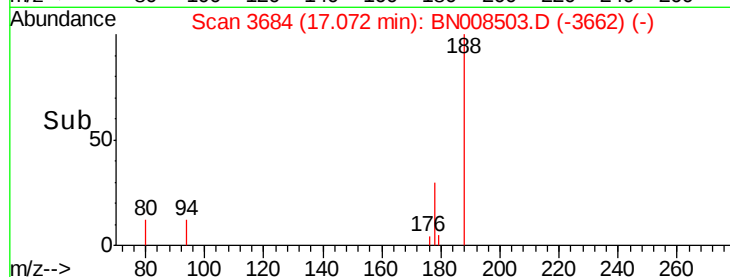
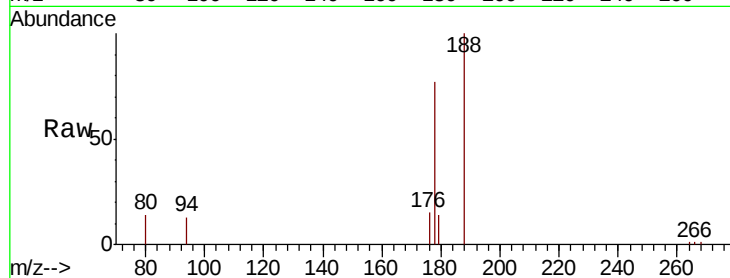
#13
 Anthracene
 Concen: 0.283 ng/ul
 RT: 17.07 min Scan# 3684
 Delta R.T. -0.01 min
 Lab File: BN008503.D
 Acq: 08 Nov 2019 11:41

Instrument :
 BNA_N
 ClientSampled :
 F2J01

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.7	20.5
176	19.3	15.7	23.5

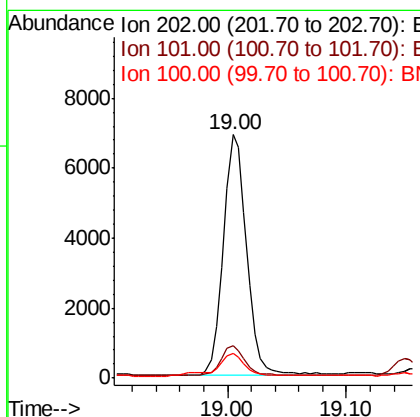
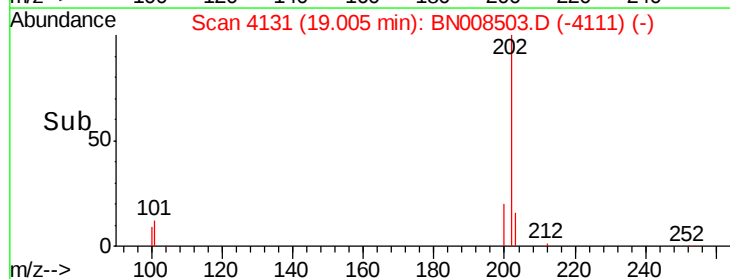
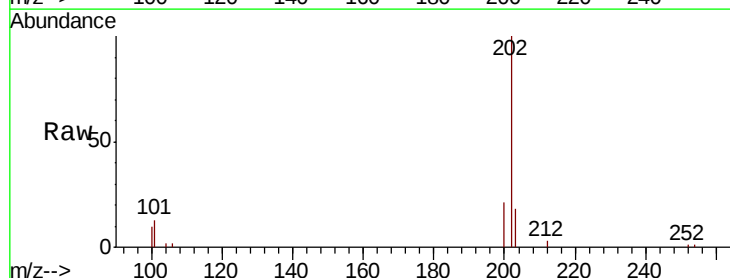
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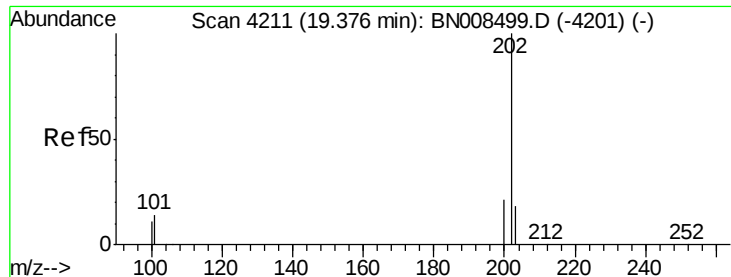
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#15
 Fluoranthene
 Concen: 0.345 ng/ul
 RT: 19.00 min Scan# 4131
 Delta R.T. -0.01 min
 Lab File: BN008503.D
 Acq: 08 Nov 2019 11:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.0
100	10.0	0.0	30.2





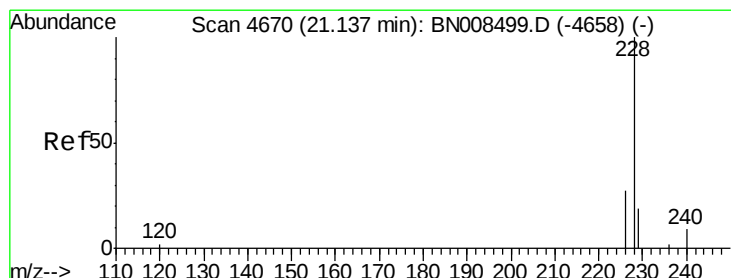
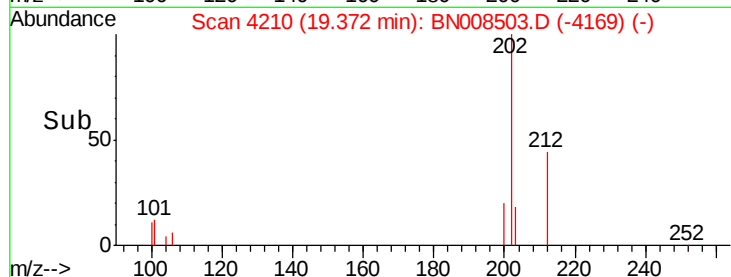
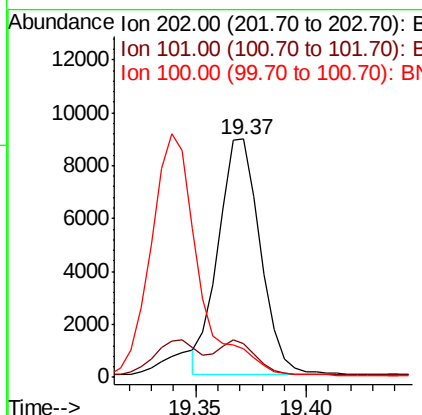
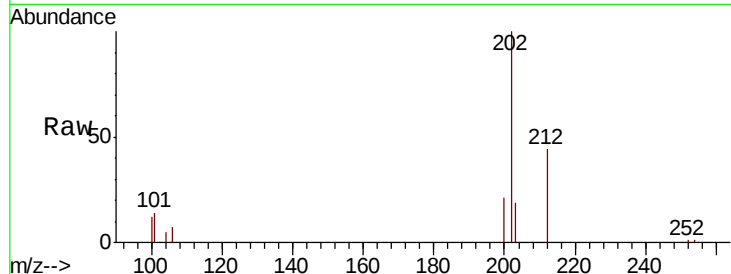
#17
Pvrene
Concen: 0.391 ng/ul m
RT: 19.37 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN008503.D
Acq: 08 Nov 2019 11:41

Instrument :
BNA_N
ClientSampleId :
F2J01

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.6	17.4
100	11.8	9.4	14.0

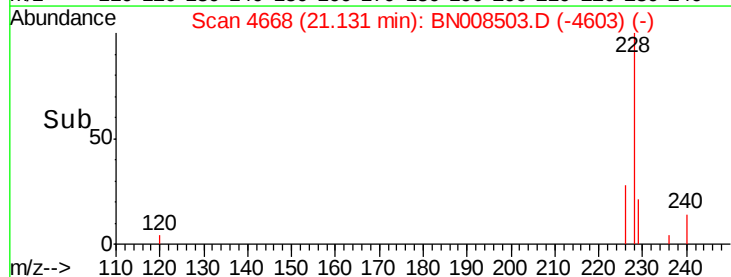
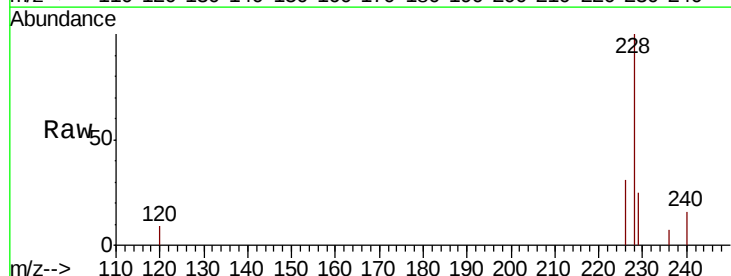
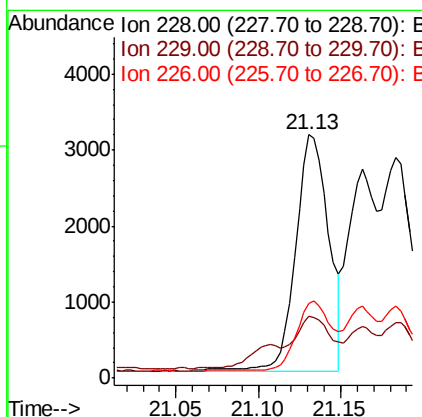
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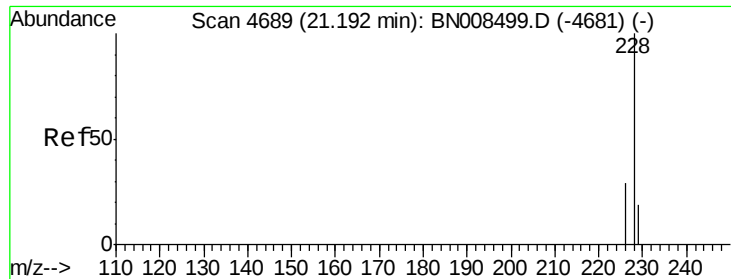
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#18
Benzo(a)anthracene
Concen: 0.201 ng/ul
RT: 21.13 min Scan# 4668
Delta R.T. -0.01 min
Lab File: BN008503.D
Acq: 08 Nov 2019 11:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.3	16.6	24.8#
226	30.8	22.8	34.2





#19

Chrysene

Concen: 0.118 ng/ul m

RT: 21.18 min Scan# 4686

Delta R.T. -0.01 min

Lab File: BN008503.D

Acq: 08 Nov 2019 11:41

Instrument :

BNA_N

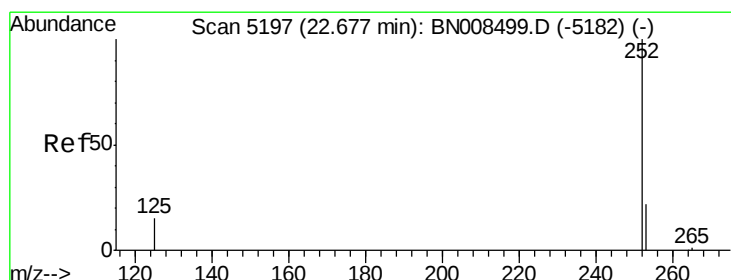
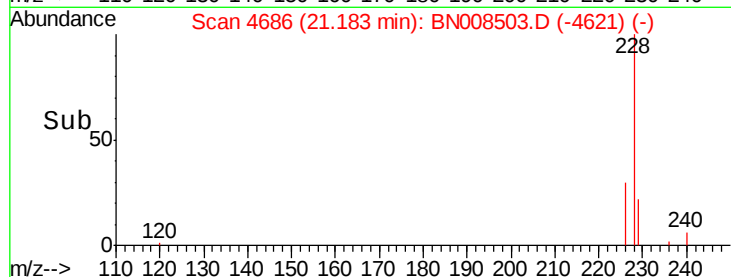
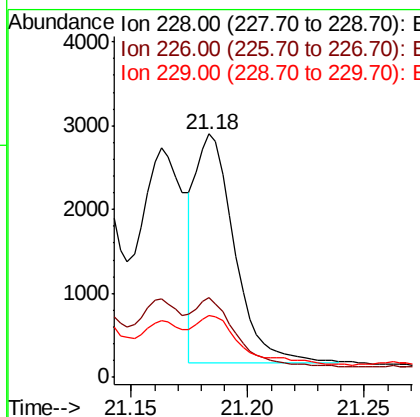
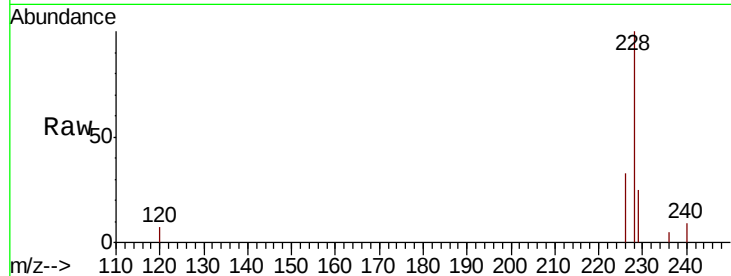
ClientSampleId :

F2J01

Tot Ion:	228	Resp:	3211
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	25.3	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 0.437 ng/ul m

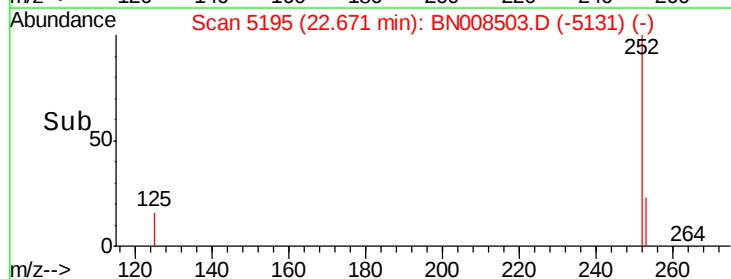
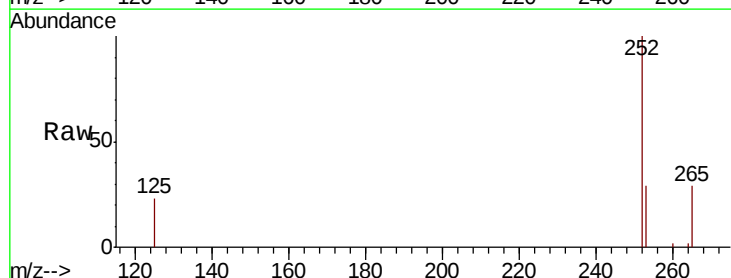
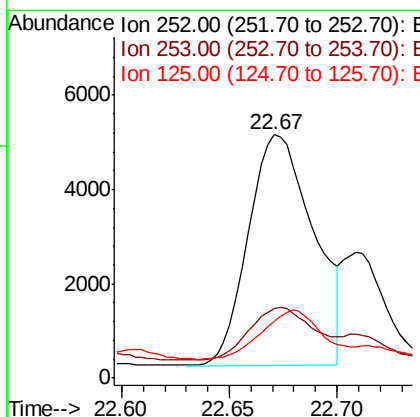
RT: 22.67 min Scan# 5195

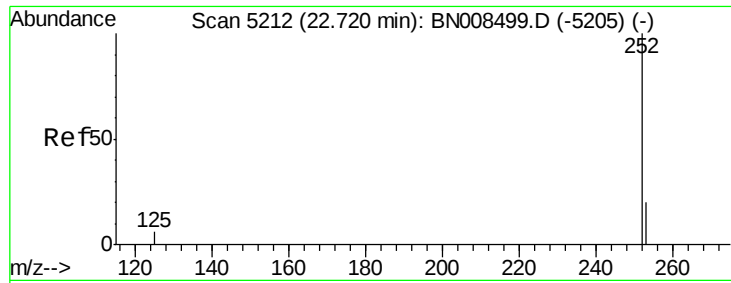
Delta R.T. -0.01 min

Lab File: BN008503.D

Acq: 08 Nov 2019 11:41

Tgt Ion:	252	Resp:	10325
Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	58.4
125	23.4	0.0	58.6





#22

Benzo(k)fluoranthene

Concen: 0.115 ng/ul m

RT: 22.71 min Scan# 5208

Delta R.T. -0.01 min

Lab File: BN008503.D

Acq: 08 Nov 2019 11:41

Instrument :

BNA_N

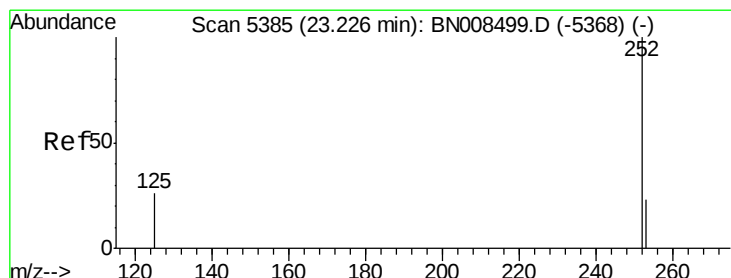
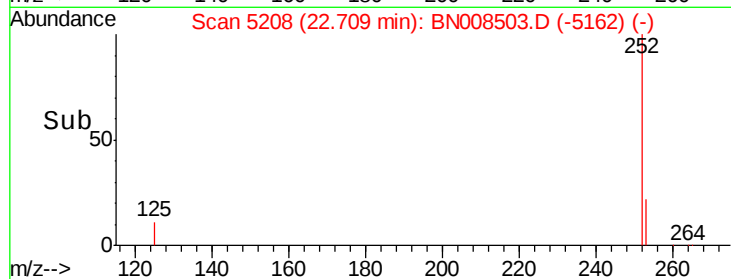
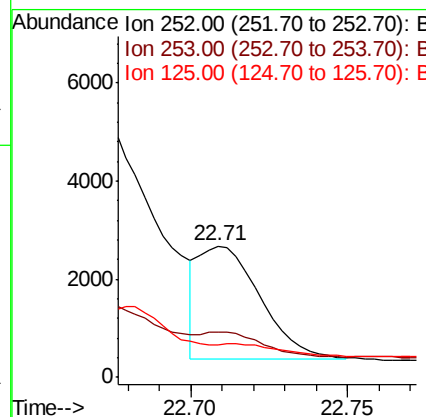
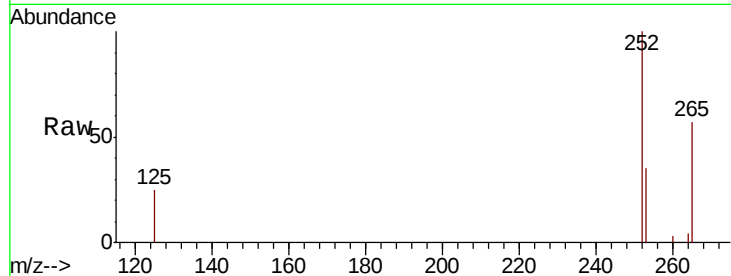
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	34.5	22.6	34.0#
125	25.1	14.7	22.1#

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#23

Benzo(a)pyrene

Concen: 0.168 ng/ul

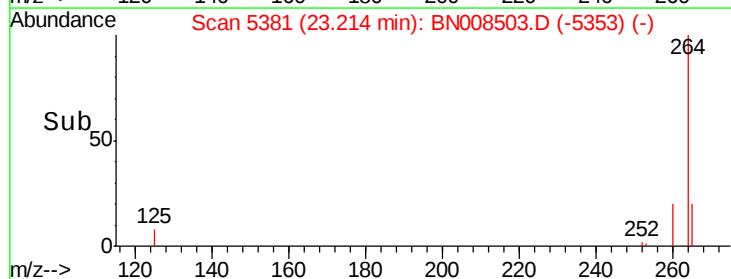
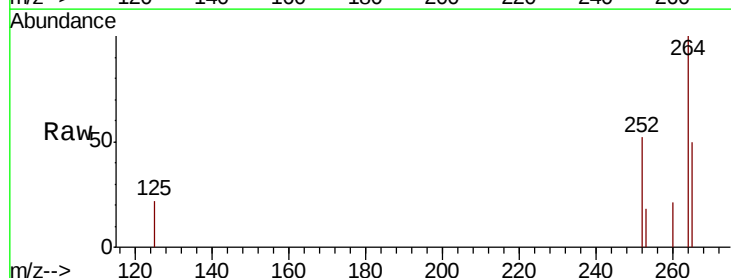
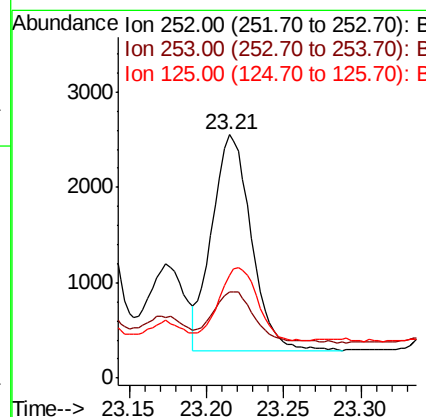
RT: 23.21 min Scan# 5381

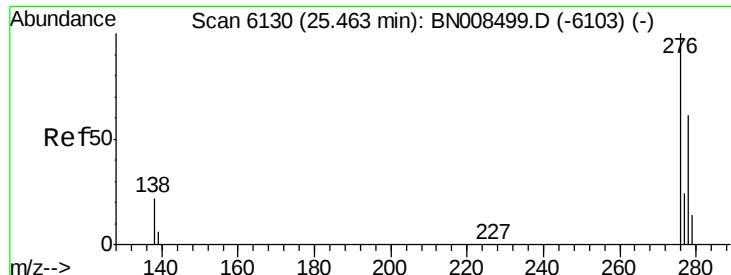
Delta R.T. -0.02 min

Lab File: BN008503.D

Acq: 08 Nov 2019 11:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	27.2	40.8
125	42.4	37.0	55.6





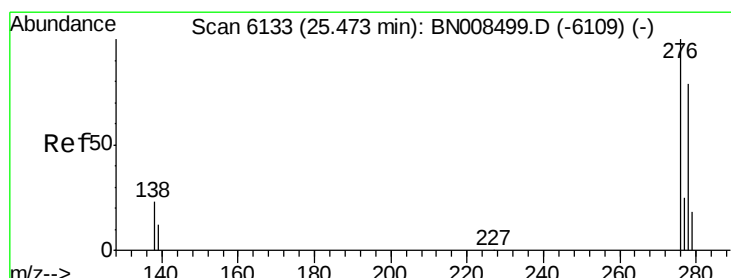
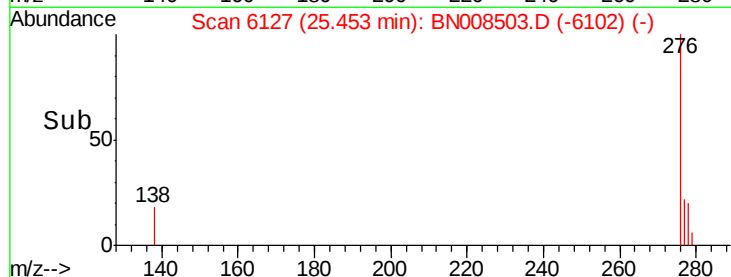
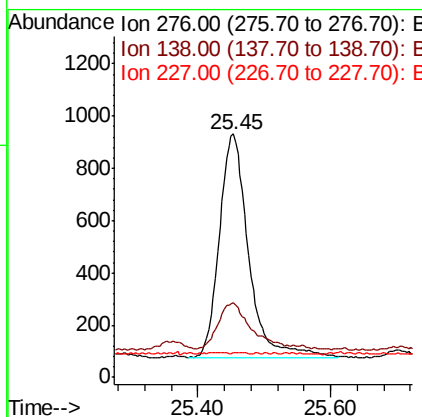
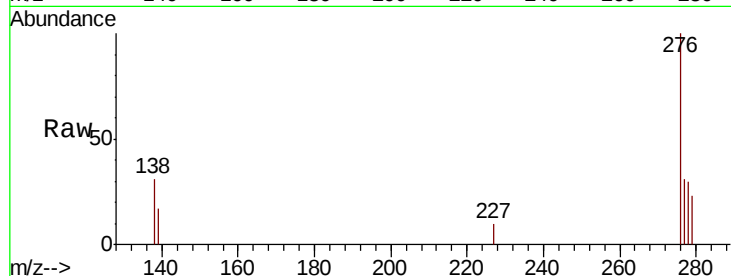
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.097 ng/ul
 RT: 25.45 min Scan# 6127
 Delta R.T. -0.02 min
 Lab File: BN008503.D
 Acq: 08 Nov 2019 11:41

Instrument :
 BNA_N
 ClientSampleId :
 F2J01

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.3	27.5
227	0.3	0.0	0.0

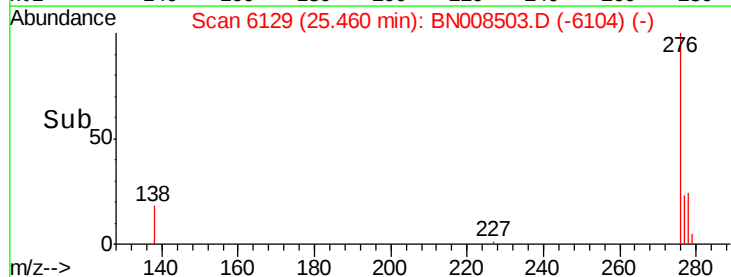
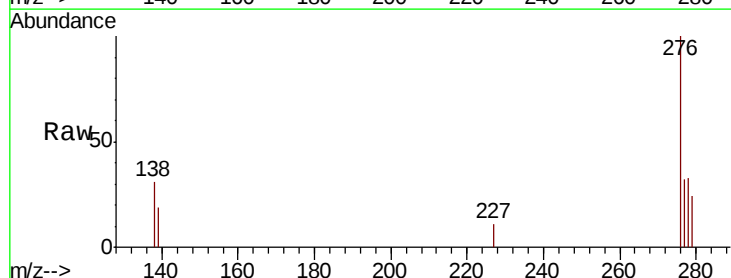
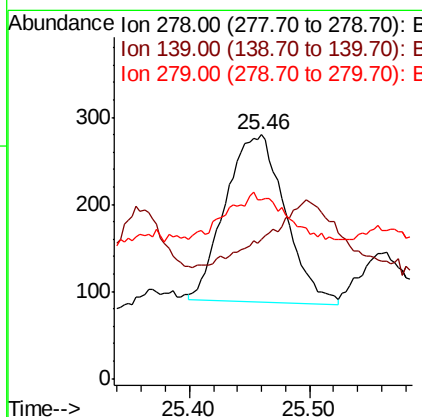
Manual Integrations
 APPROVED

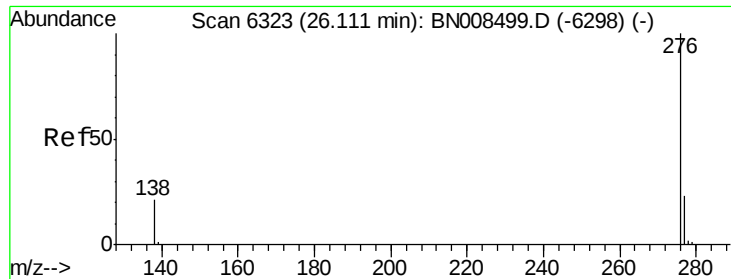
mohammad
 11/11/2019 8:08:48 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.031 ng/ul
 RT: 25.46 min Scan# 6129
 Delta R.T. -0.02 min
 Lab File: BN008503.D
 Acq: 08 Nov 2019 11:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	57.1	17.6	26.4
279	73.6	25.1	37.7





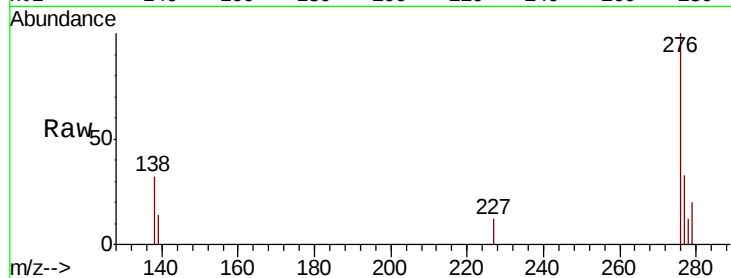
#26
Benzo(a,h,i)perylene
Concen: 0.093 ng/ul
RT: 26.10 min Scan# 6321
Delta R.T. -0.02 min
Lab File: BN008503.D
Acq: 08 Nov 2019 11:41

Instrument :
BNA_N
ClientSampleId :
F2J01

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	20.1	30.1#
277	32.8	20.6	31.0#

Manual Integrations
APPROVED

mohammad
11/11/2019 8:08:48 AM



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

