

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008500.D
 Acq On : 08 Nov 2019 09:53
 Operator : JU
 Sample : K5699-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J00

Manual Integrations
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mohammad
 11/11/2019 8:08:41 AM

Quant Time: Nov 08 10:42:16 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	1448	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	6270	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3612	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7763m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	6461	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	6962	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2590	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	7779	0.34	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.36	128	35465	1.987	ng/ul	97
5) 2-Methylnaphthalene	11.98	142	2860	0.241	ng/ul	99
7) Acenaphthylene	13.90	152	2025	0.120	ng/ul#	93
8) Acenaphthene	14.25	153	3240	0.238	ng/ul	99
9) Fluorene	15.25	166	2071	0.139	ng/ul	97
12) Phenanthrene	16.98	178	2941	0.125	ng/ul	95
13) Anthracene	17.07	178	6525	0.316	ng/ul	99
15) Fluoranthene	19.01	202	11858	0.438	ng/ul	100
17) Pyrene	19.37	202	15207m	0.482	ng/ul	
18) Benzo(a)anthracene	21.13	228	6099	0.271	ng/ul	96
19) Chrysene	21.19	228	5449	0.190	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	14286m	0.551	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	4383m	0.149	ng/ul	
23) Benzo(a)pyrene	23.22	252	5523	0.211	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.46	276	3536	0.119	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.46	278	966	0.041	ng/ul#	52
26) Benzo(a,h,i)perylene	26.10	276	3000	0.113	ng/ul	93

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

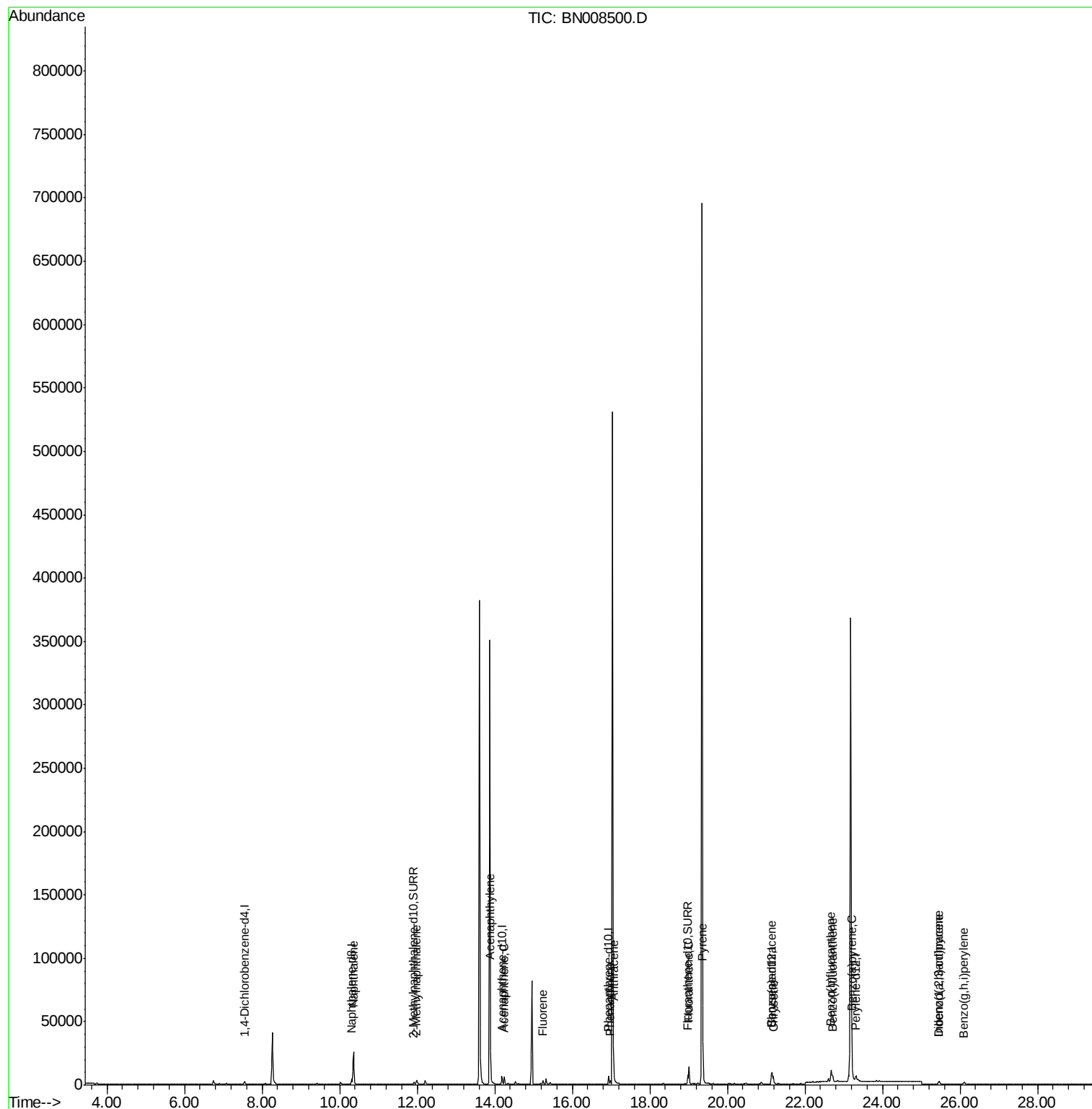
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
Data File : BN008500.D
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ALS Vial : 20 Sample Multiplier: 1

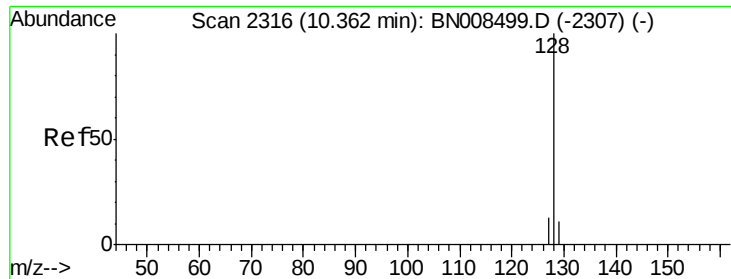
Instrument :
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Quant Time: Nov 08 10:42:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
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QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.987 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Instrument :

BNA_N

ClientSampled :

F2J00

Tot Ion:128 Resp: 35465

Ion Ratio Lower Upper

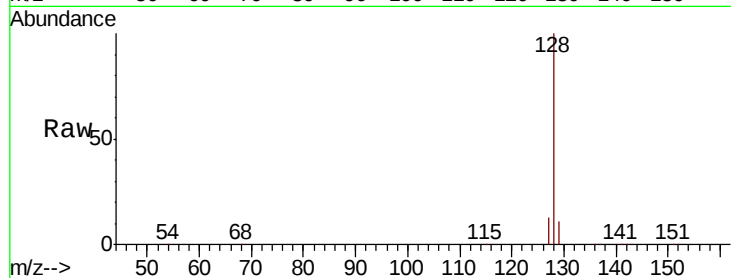
128 100

129 11.1 10.0 15.0

127 13.1 11.6 17.4

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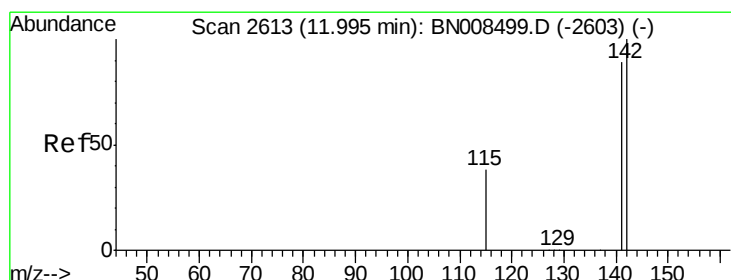
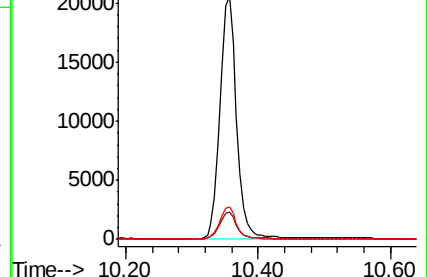
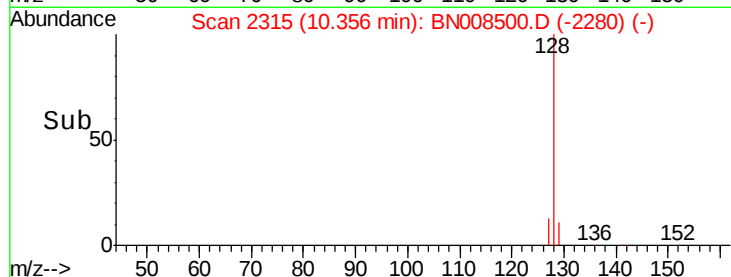
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.241 ng/ul

RT: 11.98 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BN008500.D

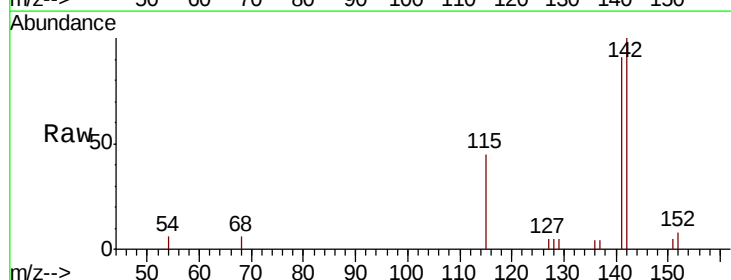
Acq: 08 Nov 2019 09:53

Tgt Ion:142 Resp: 2860

Ion Ratio Lower Upper

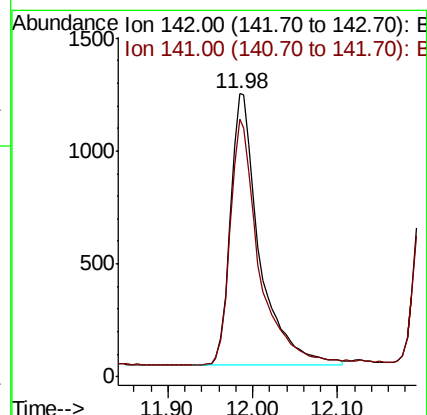
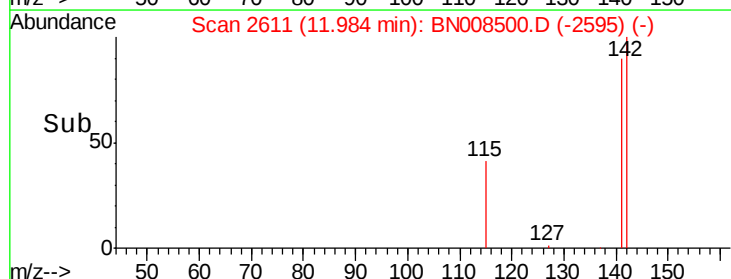
142 100

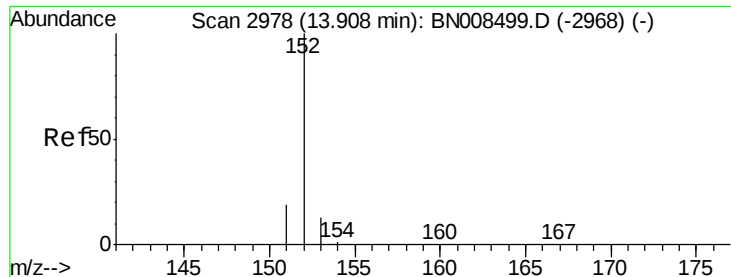
141 89.9 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Instrument :

BNA_N

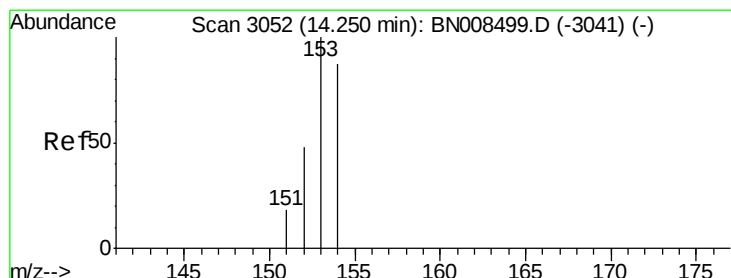
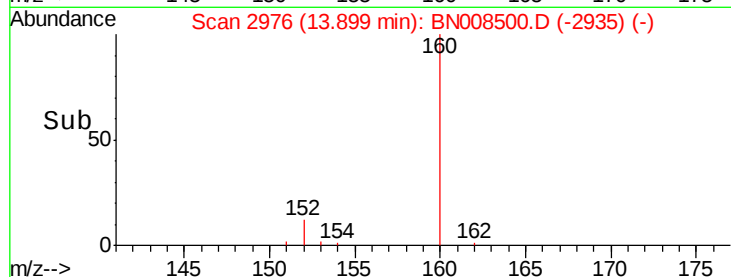
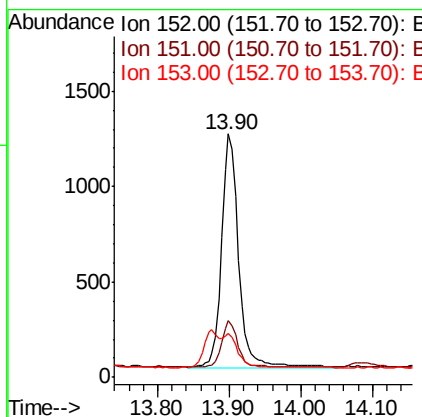
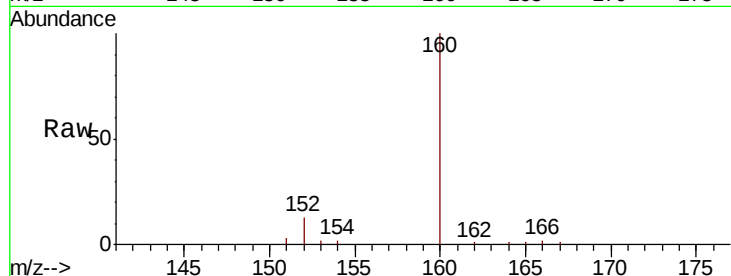
ClientSampleId :

F2J00

Tot Ion:	152	Resp:	2025
Ion Ratio	Lower	Upper	
152	100		
151	23.4	16.7	25.1
153	18.0	11.4	17.2#

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#8

Acenaphthene

Concen: 0.238 ng/ul

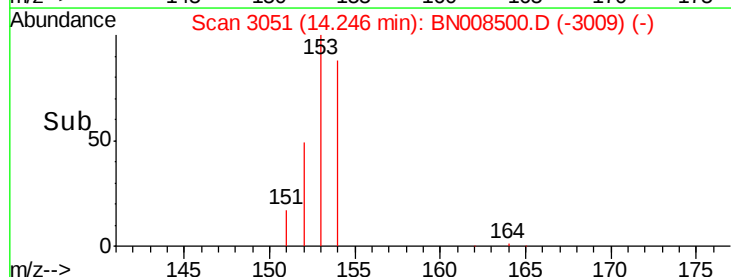
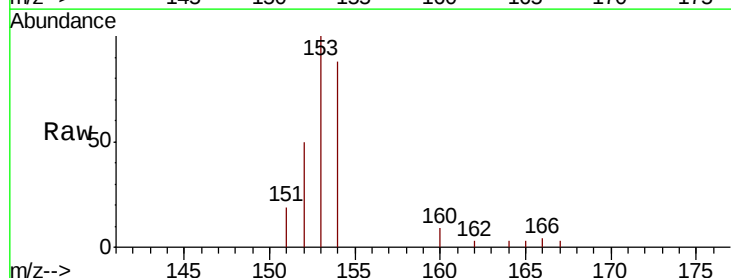
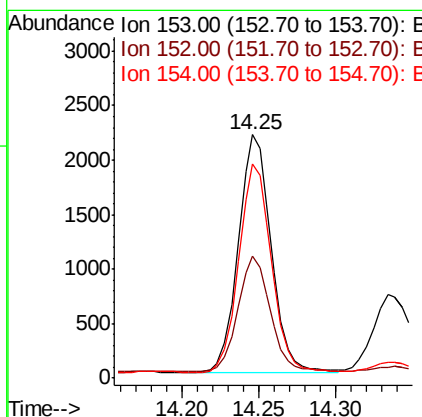
RT: 14.25 min Scan# 3051

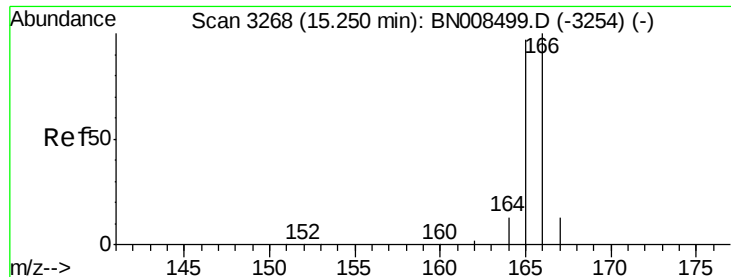
Delta R.T. -0.00 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Tgt Ion:	153	Resp:	3240
Ion Ratio	Lower	Upper	
153	100		
152	50.0	39.8	59.8
154	88.1	71.6	107.4





#9

Fluorene

Concen: 0.139 ng/ul

RT: 15.25 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Instrument :

BNA_N

ClientSampleId :

F2J00

Tot Ion:166 Resp: 2071

Ion Ratio Lower Upper

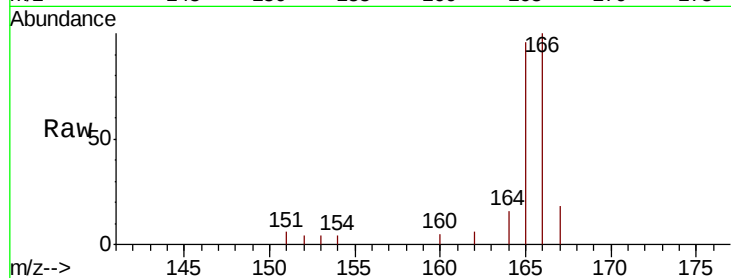
166 100

165 95.5 78.2 117.2

167 18.0 12.1 18.1

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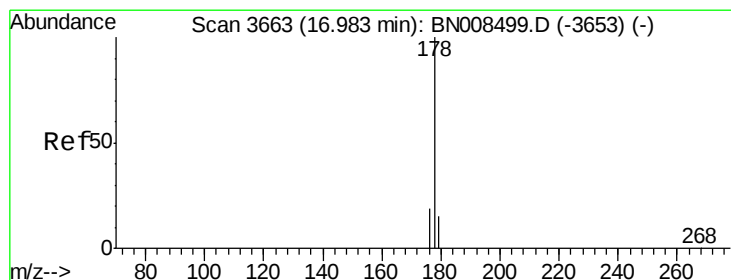
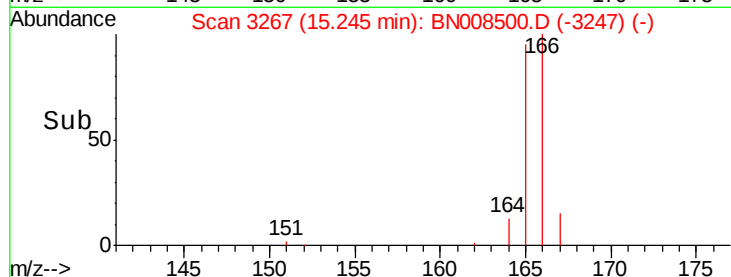
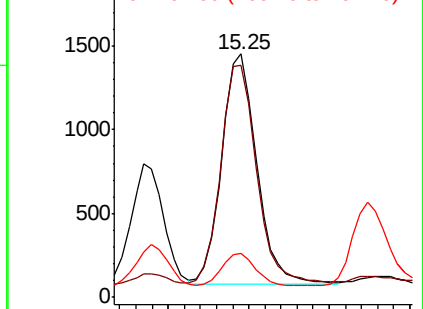


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.125 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

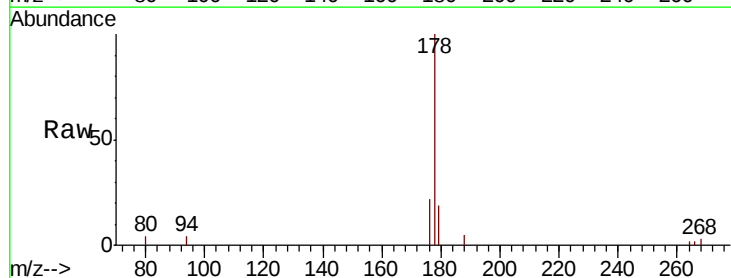
Tgt Ion:178 Resp: 2941

Ion Ratio Lower Upper

178 100

179 18.8 13.2 19.8

176 21.7 15.6 23.4

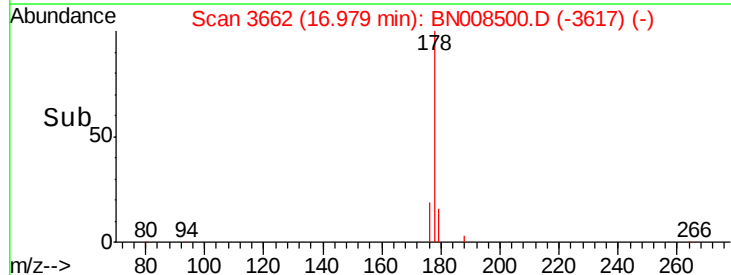
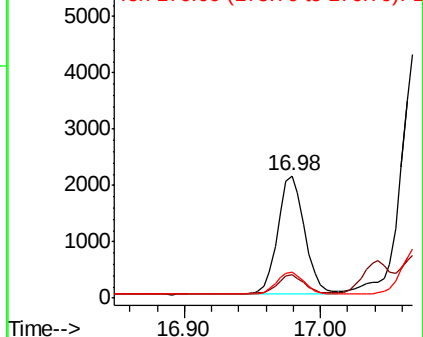


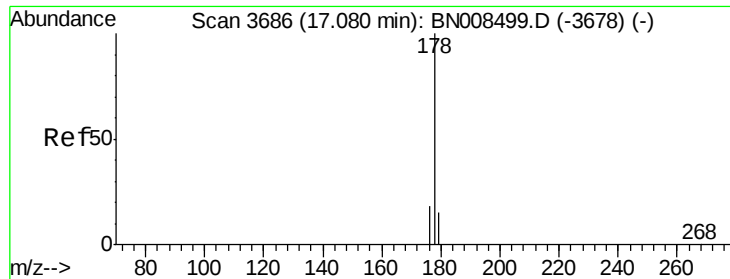
Abundance

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





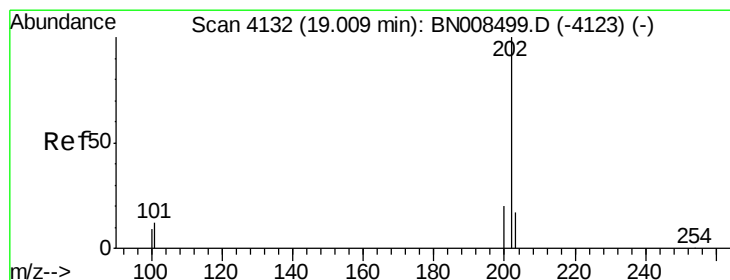
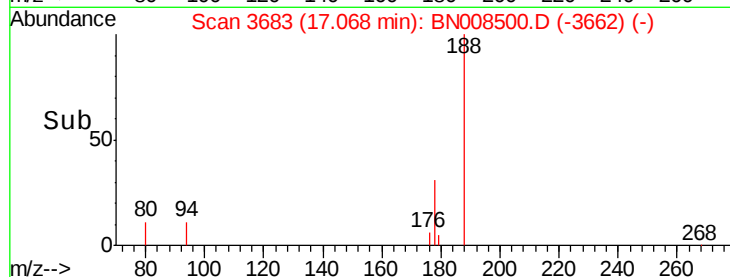
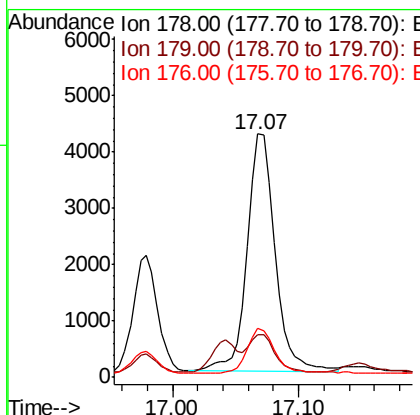
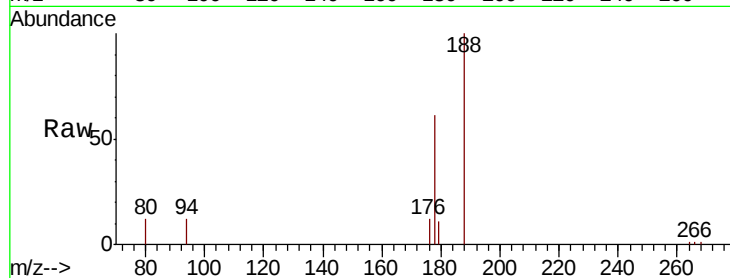
#13
 Anthracene
 Concen: 0.316 ng/ul
 RT: 17.07 min Scan# 3683
 Delta R.T. -0.01 min
 Lab File: BN008500.D
 Acq: 08 Nov 2019 09:53

Instrument :
 BNA_N
 ClientSampled :
 F2J00

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.7	20.5
176	20.0	15.7	23.5

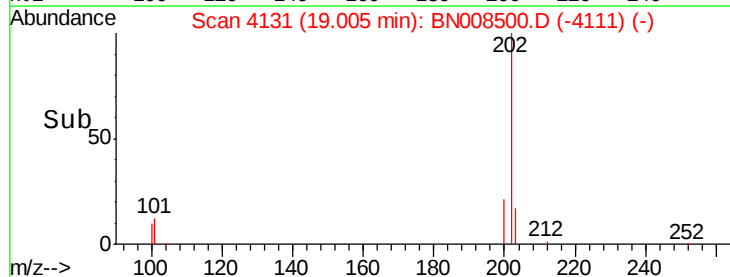
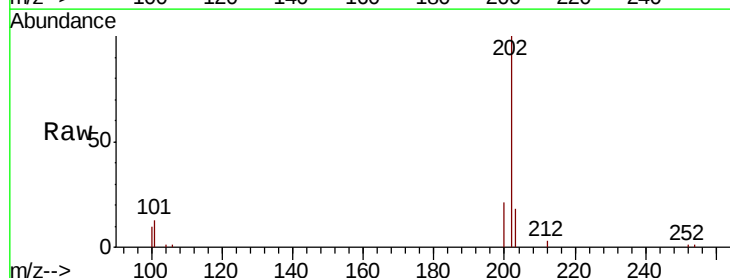
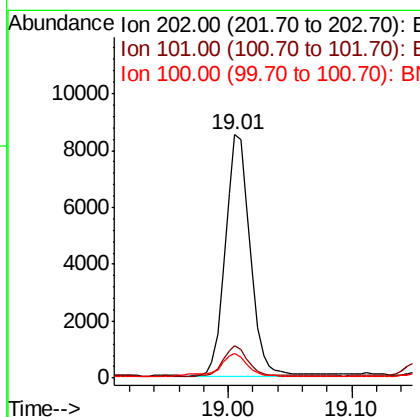
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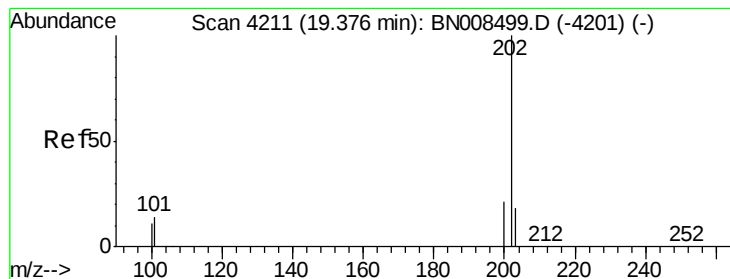
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#15
 Fluoranthene
 Concen: 0.438 ng/ul
 RT: 19.01 min Scan# 4131
 Delta R.T. -0.01 min
 Lab File: BN008500.D
 Acq: 08 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.0
100	10.2	0.0	30.2





#17

Pvrene

Concen: 0.482 ng/ul m

RT: 19.37 min Scan# 4210

Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Instrument :

BNA_N

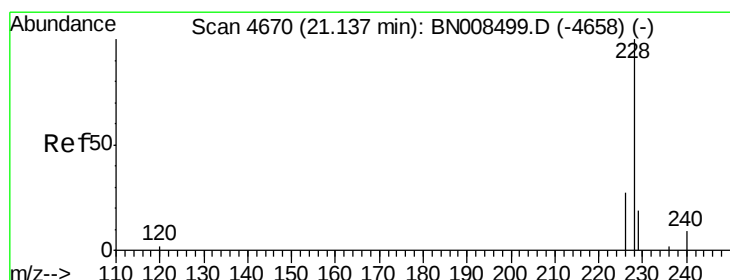
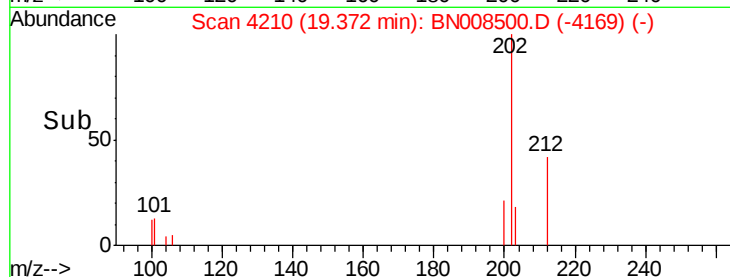
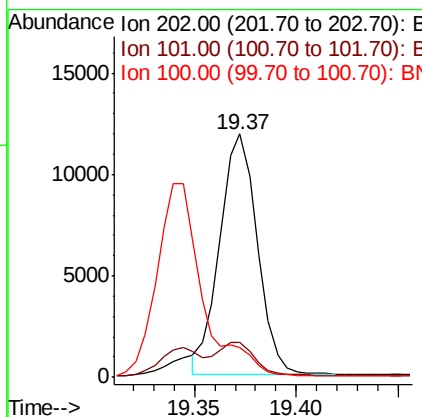
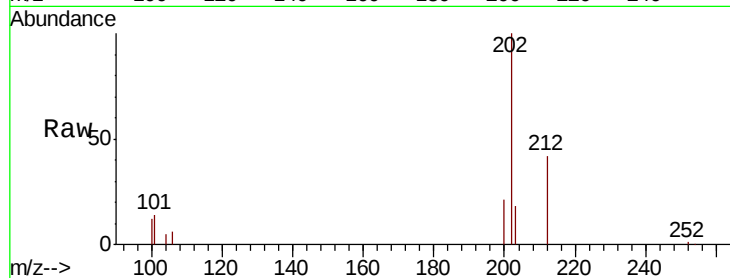
ClientSampleId :

F2J00

Tot Ion:	202	Resp:	15207
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.6	17.4
100	12.2	9.4	14.0

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#18

Benzo(a)anthracene

Concen: 0.271 ng/ul

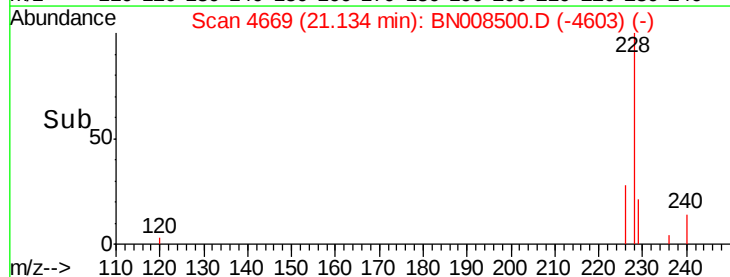
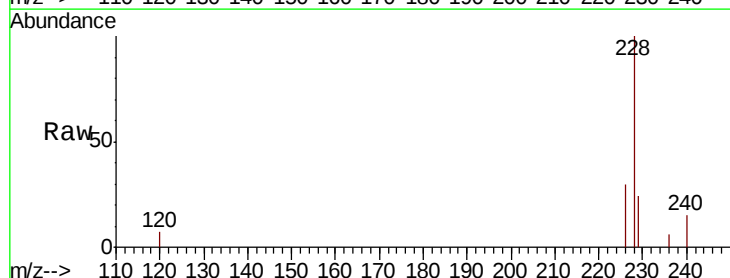
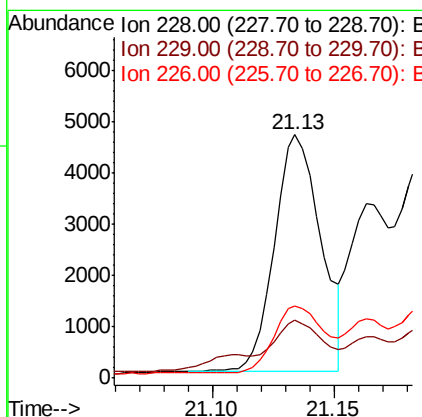
RT: 21.13 min Scan# 4669

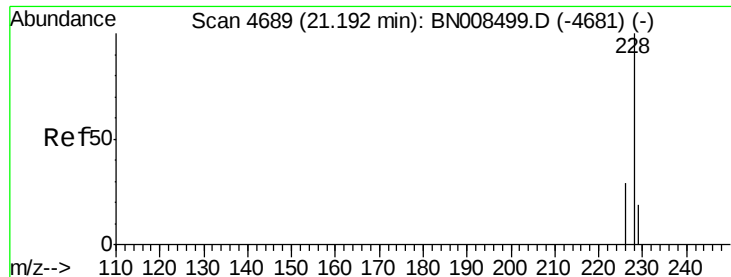
Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Tgt Ion:	228	Resp:	6099
Ion Ratio	Lower	Upper	
228	100		
229	23.8	16.6	24.8
226	29.8	22.8	34.2





#19

Chrysene

Concen: 0.190 ng/ul

RT: 21.19 min Scan# 4687

Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Instrument :

BNA_N

ClientSampled :

F2J00

Tot Ion:228 Resp: 5449

Ion Ratio Lower Upper

228 100

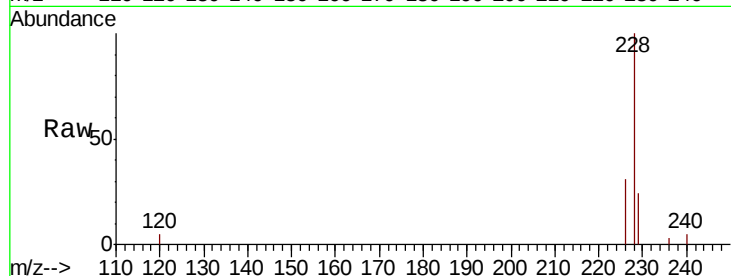
226 31.3 24.9 37.3

229 23.7 16.6 25.0

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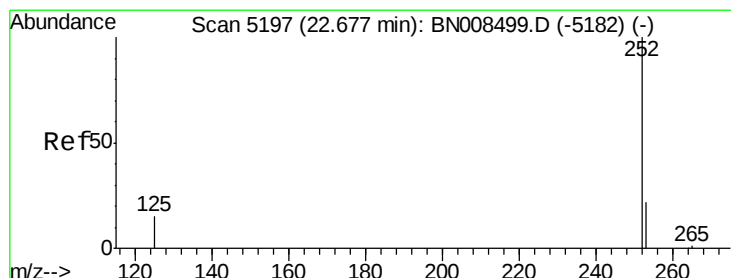
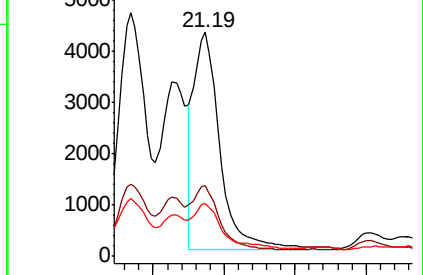
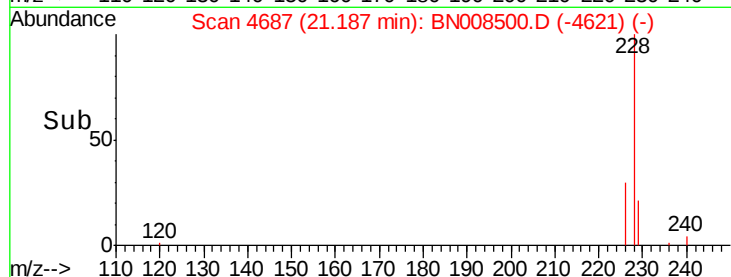
11/11/2019 8:08:41 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.551 ng/ul m

RT: 22.67 min Scan# 5196

Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

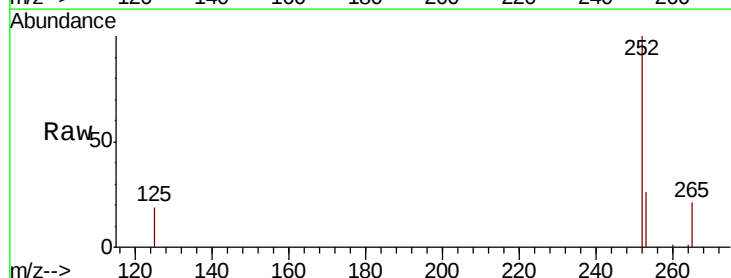
Tgt Ion:252 Resp: 14286

Ion Ratio Lower Upper

252 100

253 26.5 0.0 58.4

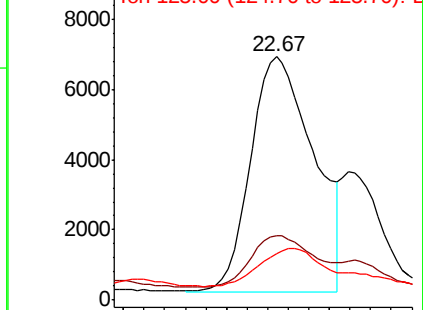
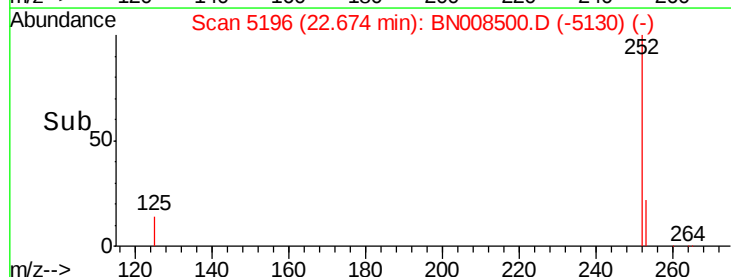
125 18.9 0.0 58.6

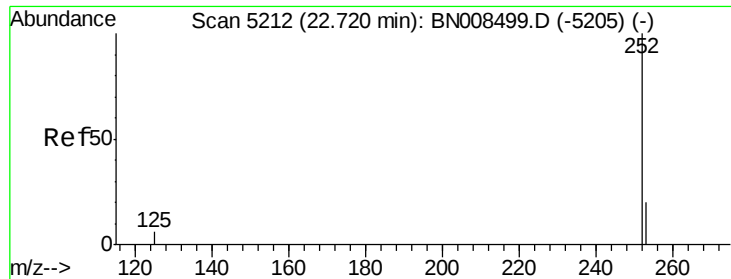


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.149 ng/ul m

RT: 22.71 min Scan# 5208

Delta R.T. -0.01 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Instrument :

BNA_N

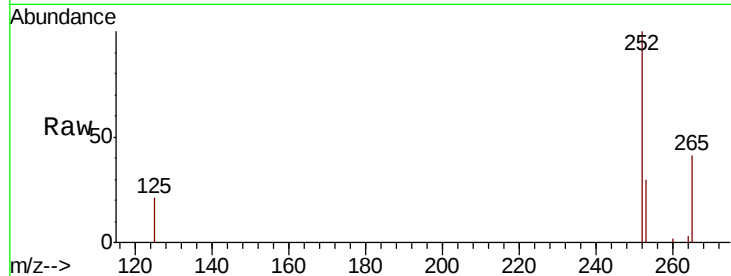
ClientSampled :

F2J00

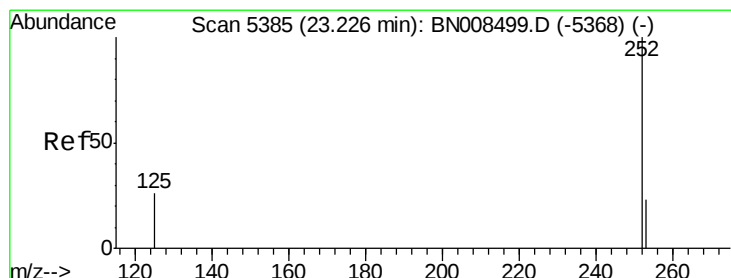
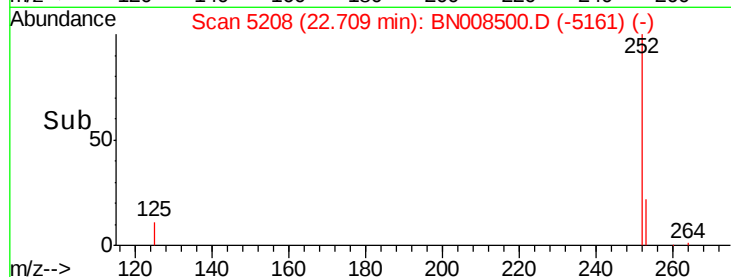
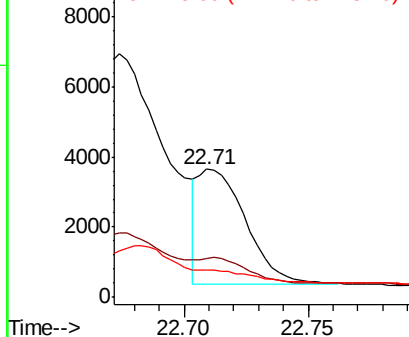
Tot Ion:	252	Resp:	4383
Ion Ratio	Lower	Upper	
252	100		
253	30.3	22.6	34.0
125	21.0	14.7	22.1

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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: 0.211 ng/ul

RT: 23.22 min Scan# 5382

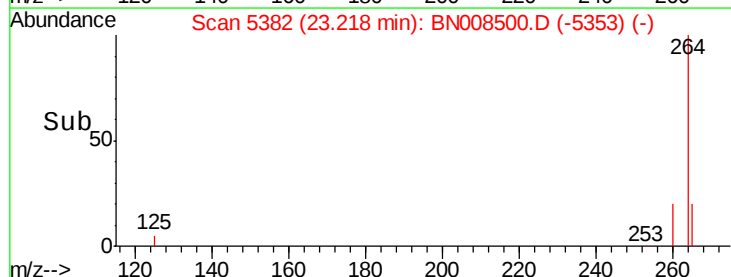
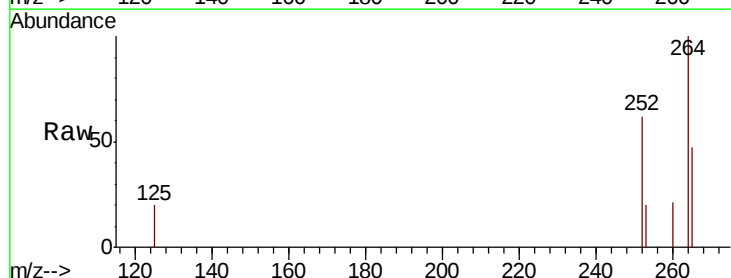
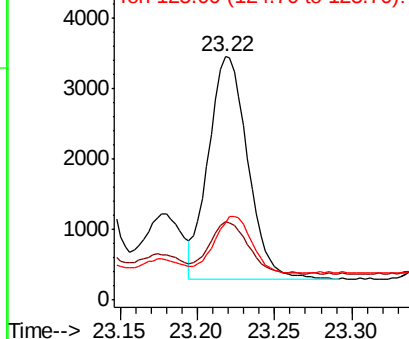
Delta R.T. -0.01 min

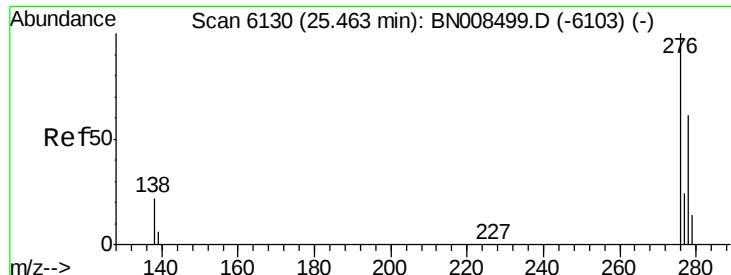
Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Tgt Ion:	252	Resp:	5523
Ion Ratio	Lower	Upper	
252	100		
253	32.3	27.2	40.8
125	31.9	37.0	55.6#

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: 0.119 ng/ul

RT: 25.46 min Scan# 6128

Delta R.T. -0.01 min

Lab File: BN008500.D

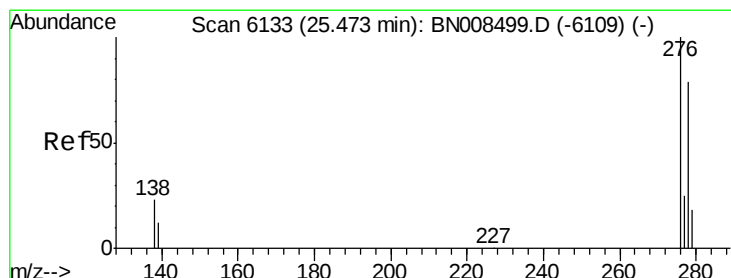
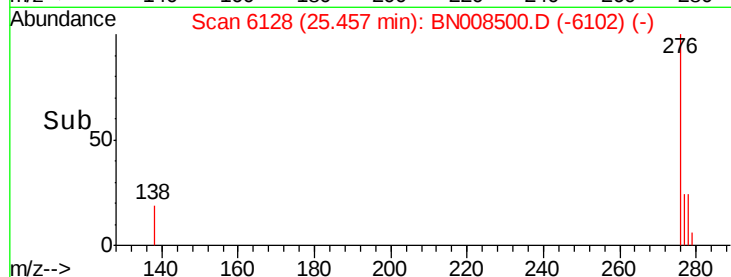
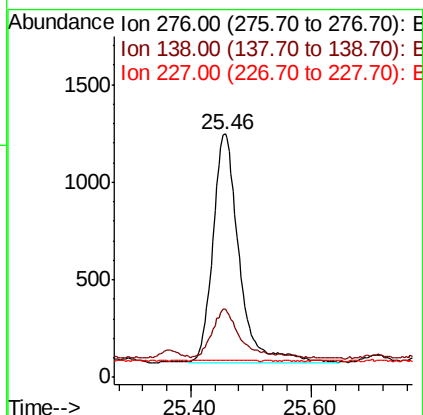
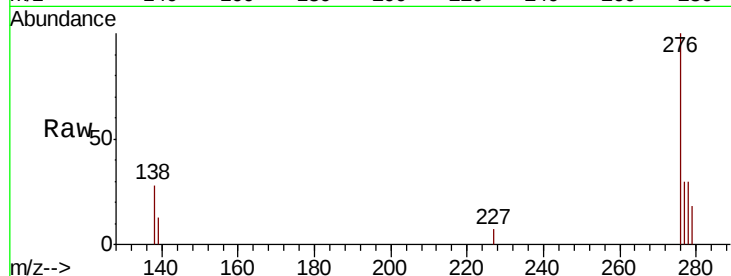
Acq: 08 Nov 2019 09:53

Instrument :
BNA_N
ClientSampleId :
F2J00

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.3	27.5
227	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
11/11/2019 8:08:41 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.041 ng/ul

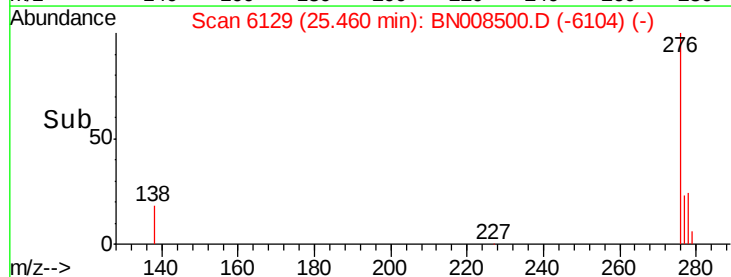
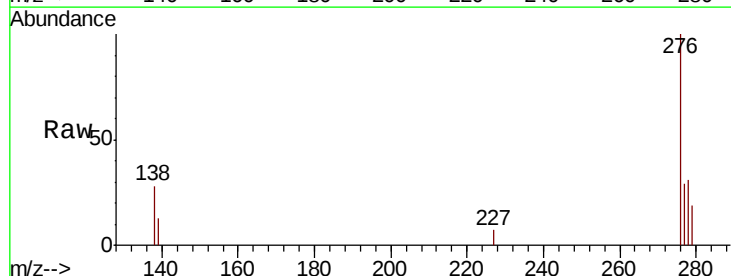
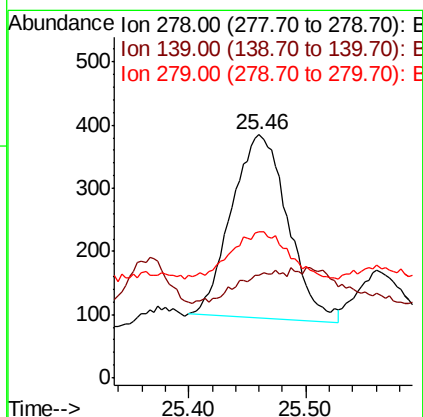
RT: 25.46 min Scan# 6129

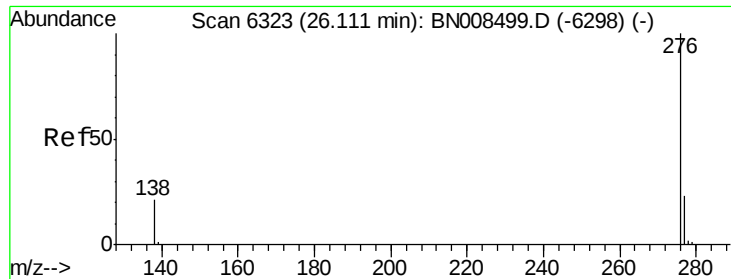
Delta R.T. -0.02 min

Lab File: BN008500.D

Acq: 08 Nov 2019 09:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.1	17.6	26.4
279	60.3	25.1	37.7





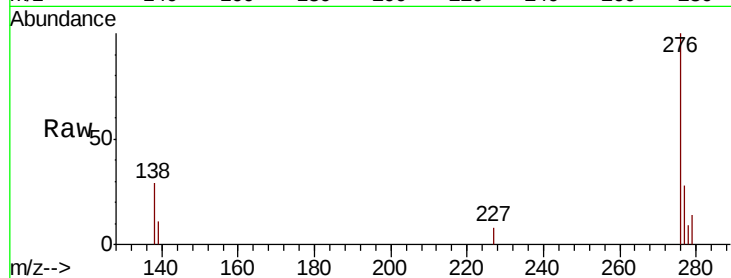
#26
 Benzo(a,h,i)perylene
 Concen: 0.113 ng/ul
 RT: 26.10 min Scan# 6321
 Delta R.T. -0.02 min
 Lab File: BN008500.D
 Acq: 08 Nov 2019 09:53

Instrument :
 BNA_N
 ClientSampleId :
 F2J00

Tot Ion:	276	Resp:	3000
Ion Ratio	Lower	Upper	
276	100		
138	29.1	20.1	30.1
277	28.4	20.6	31.0

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:08:41 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

