

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008514.D
 Acq On : 08 Nov 2019 18:14
 Operator : JU
 Sample : K5699-05DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J02DL

Manual Integrations
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mohammad
 11/11/2019 8:09:16 AM

Quant Time: Nov 08 23:18:00 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 23:03:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1657	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.31	136	7065	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	4257	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	9258	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	7246	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	6778	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1412	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4242	0.15	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.36	128	12204	0.607	ng/ul	98
5) 2-Methylnaphthalene	11.99	142	602	0.045	ng/ul	98
7) Acenaphthylene	13.90	152	2300	0.116	ng/ul	95
8) Acenaphthene	14.25	153	1490	0.093	ng/ul	99
9) Fluorene	15.24	166	1062	0.060	ng/ul#	97
12) Phenanthrene	16.97	178	2512	0.089	ng/ul	94
13) Anthracene	17.07	178	7256	0.294	ng/ul	100
15) Fluoranthene	19.00	202	16734	0.519	ng/ul	98
17) Pyrene	19.37	202	24258	0.686	ng/ul	99
18) Benzo(a)anthracene	21.13	228	10464	0.415	ng/ul	98
19) Chrysene	21.18	228	10619	0.331	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	25472m	1.008	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	8372m	0.292	ng/ul	
23) Benzo(a)pyrene	23.21	252	9996	0.393	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.45	276	6288	0.218	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.45	278	1550	0.068	ng/ul#	78
26) Benzo(a,h,i)perylene	26.10	276	5257	0.203	ng/ul	97

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

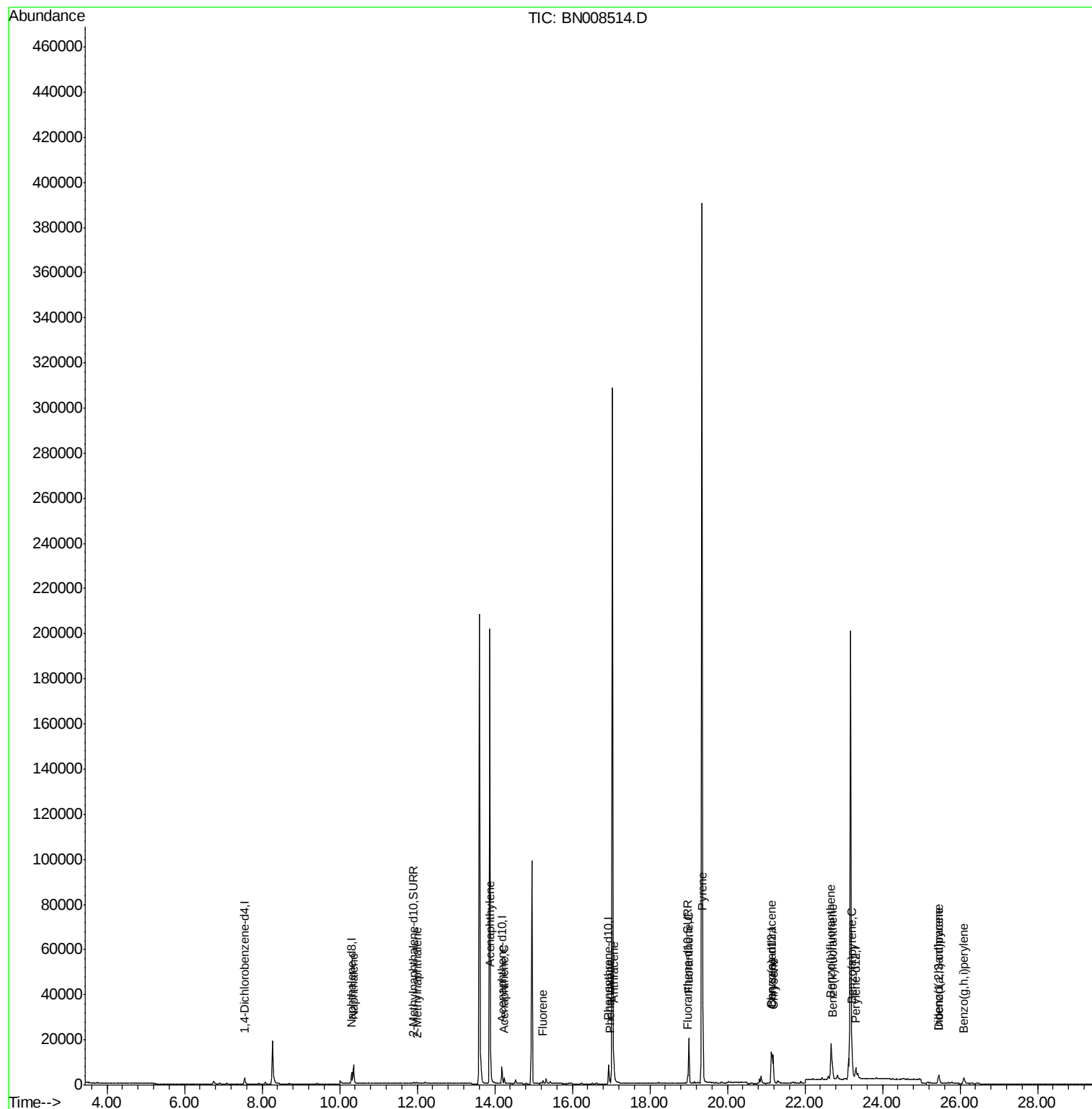
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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ALS Vial : 33 Sample Multiplier: 1

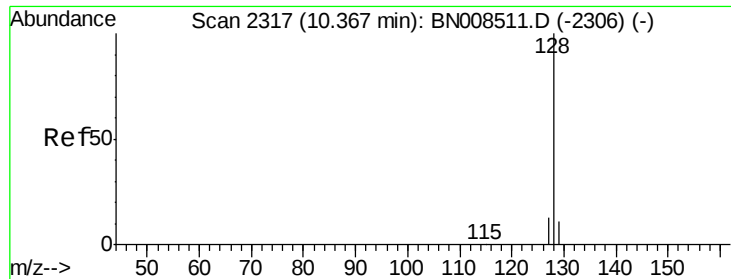
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
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#3

Naphthalene

Concen: 0.607 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Instrument :

BNA_N

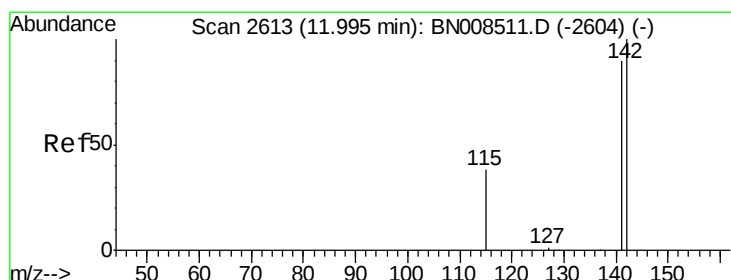
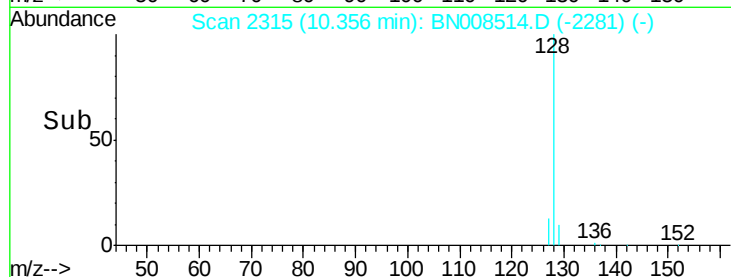
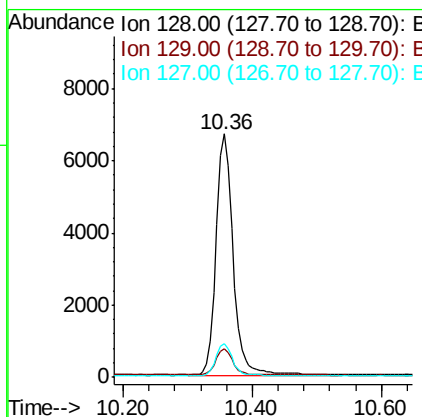
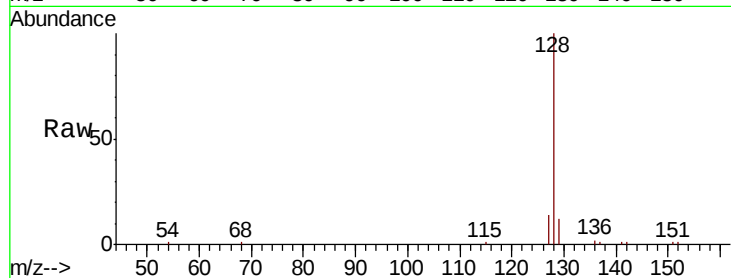
ClientSampleId :

F2J02DL

Tot Ion:	128	Resp:	12204
Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.0	15.0
127	13.7	11.6	17.4

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#5

2-Methylnaphthalene

Concen: 0.045 ng/ul

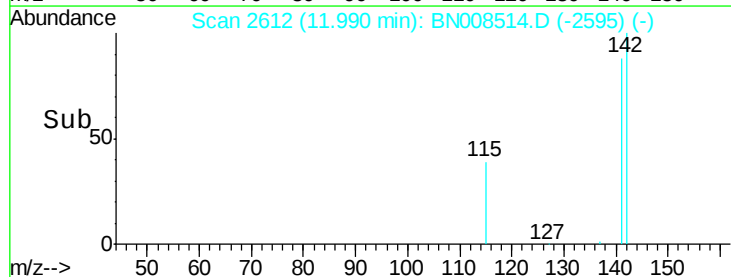
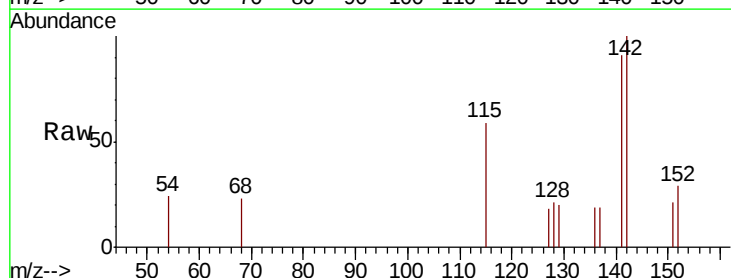
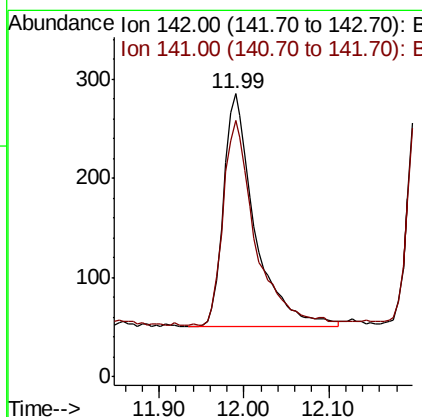
RT: 11.99 min Scan# 2612

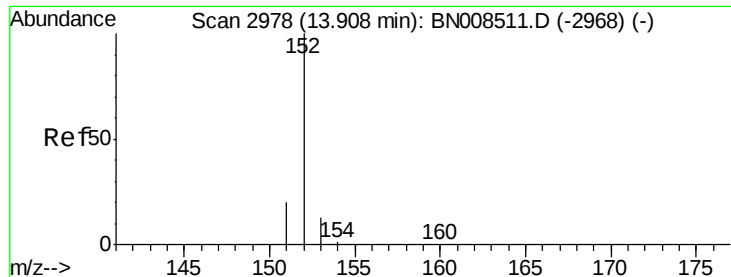
Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Tgt Ion:	142	Resp:	602
Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.8	109.2





#7

Acenaphthylene

Concen: 0.116 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Instrument :

BNA_N

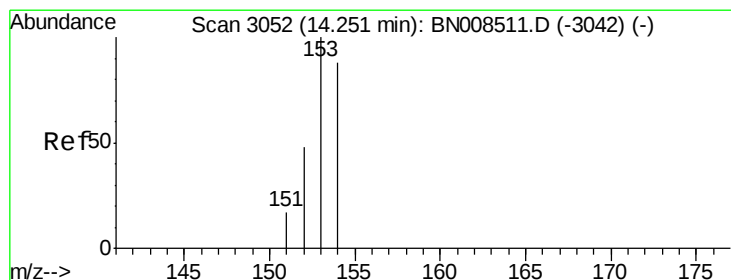
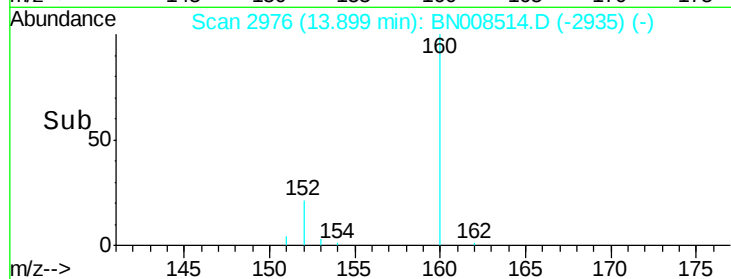
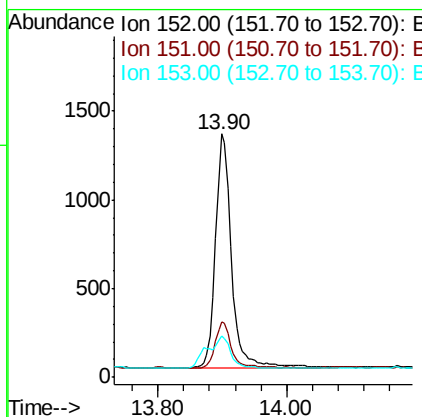
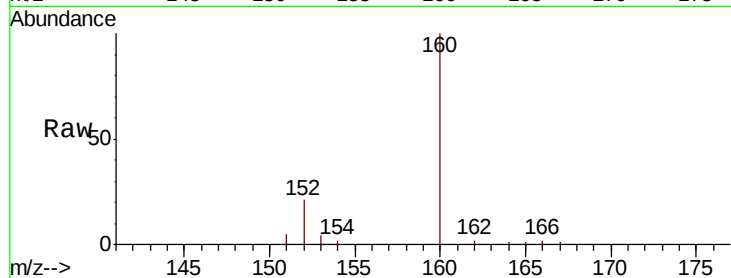
ClientSampleID :

F2J02DL

Tot Ion:	152	Resp:	2300
Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.7	25.1
153	17.1	11.4	17.2

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#8

Acenaphthene

Concen: 0.093 ng/ul

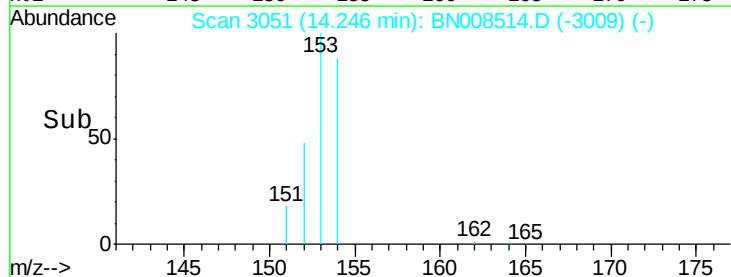
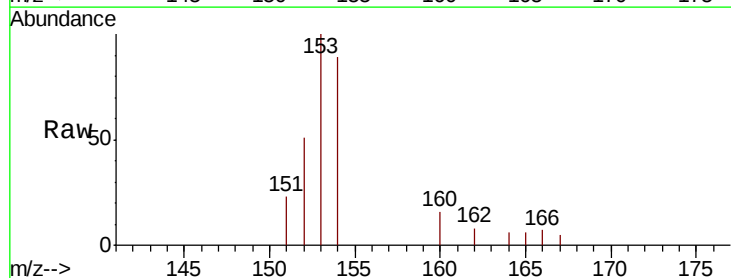
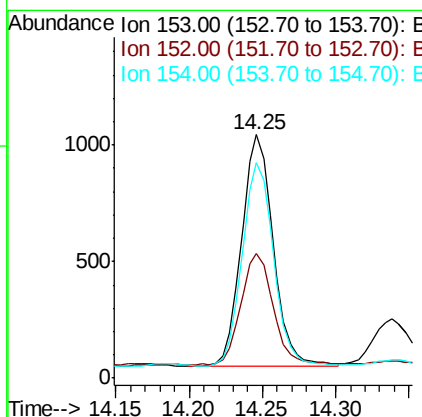
RT: 14.25 min Scan# 3051

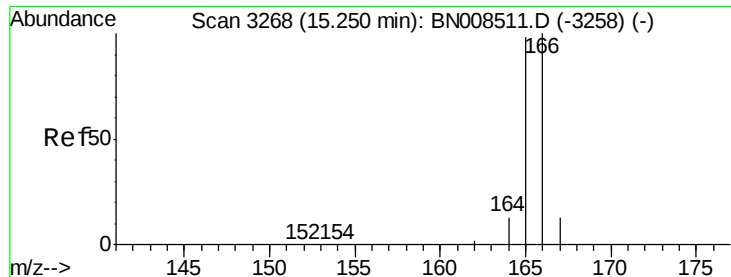
Delta R.T. -0.00 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Tgt Ion:	153	Resp:	1490
Ion	Ratio	Lower	Upper
153	100		
152	51.0	39.8	59.8
154	88.6	71.6	107.4





#9

Fluorene

Concen: 0.060 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Instrument :

BNA_N

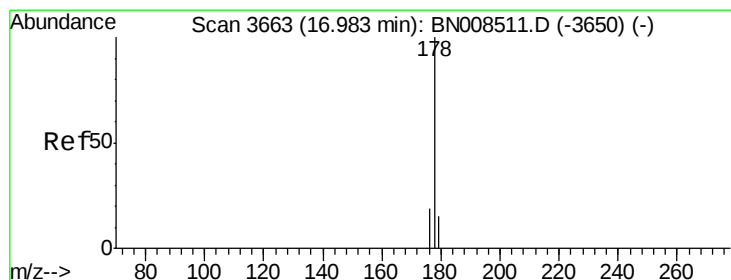
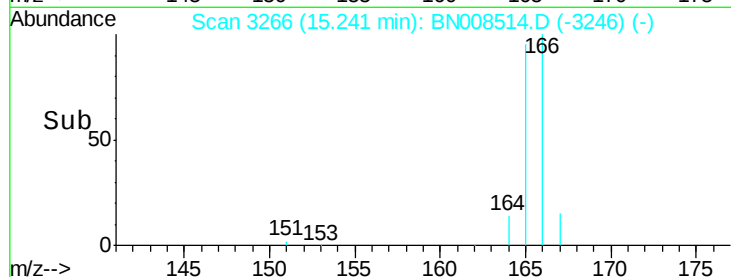
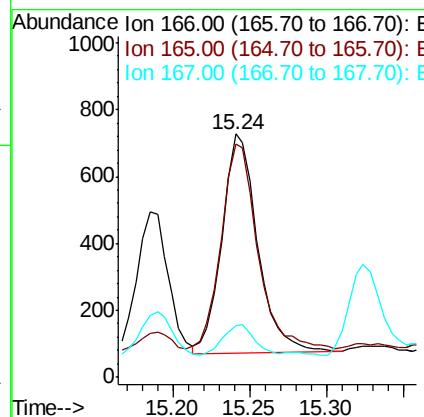
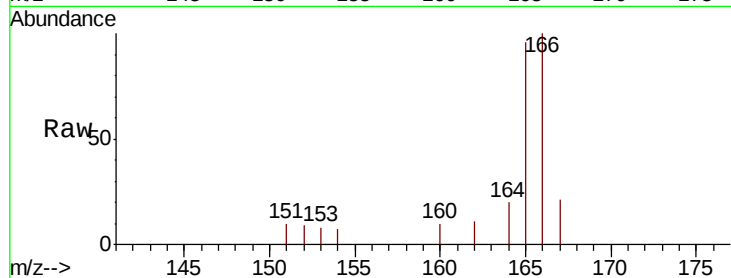
ClientSampleID :

F2J02DL

Tot Ion:	166	Resp:	1062
Ion Ratio	Lower	Upper	
166	100		
165	96.0	78.2	117.2
167	21.3	12.1	18.1#

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#12

Phenanthrene

Concen: 0.089 ng/ul

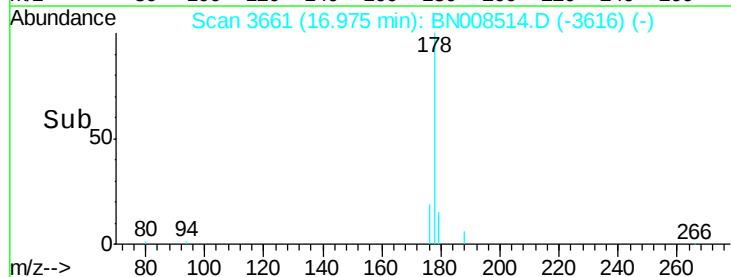
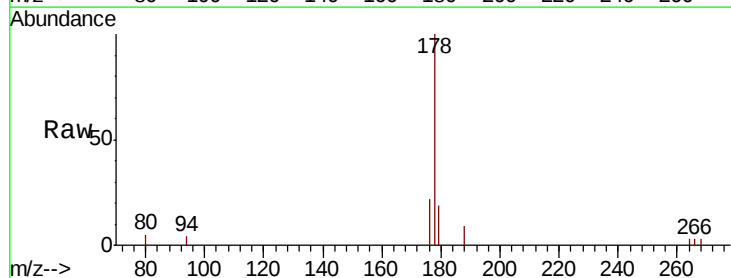
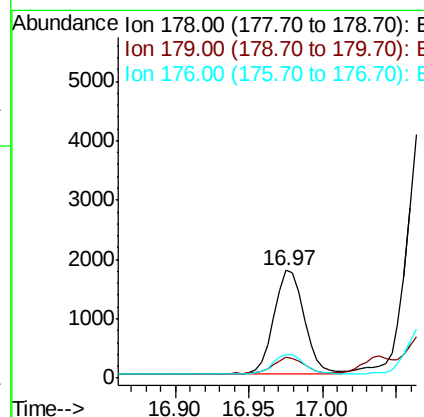
RT: 16.97 min Scan# 3661

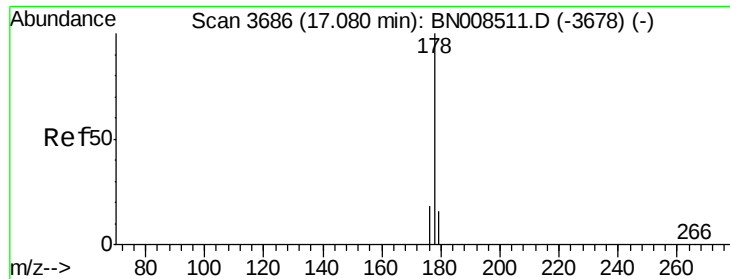
Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Tgt Ion:	178	Resp:	2512
Ion Ratio	Lower	Upper	
178	100		
179	19.0	13.2	19.8
176	22.4	15.6	23.4





#13

Anthracene

Concen: 0.294 ng/ul

RT: 17.07 min Scan# 3683

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Instrument :

BNA_N

ClientSampleId :

F2J02DL

Tot Ion:178 Resp: 7256

Ion Ratio Lower Upper

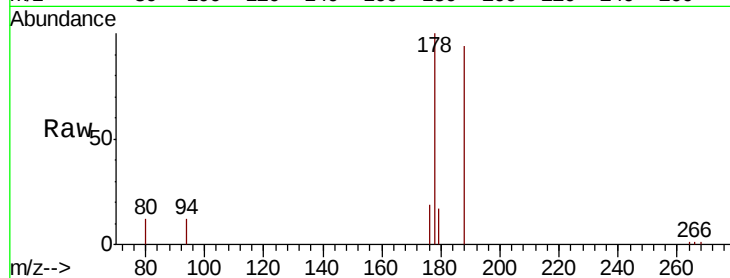
178 100

179 17.2 13.7 20.5

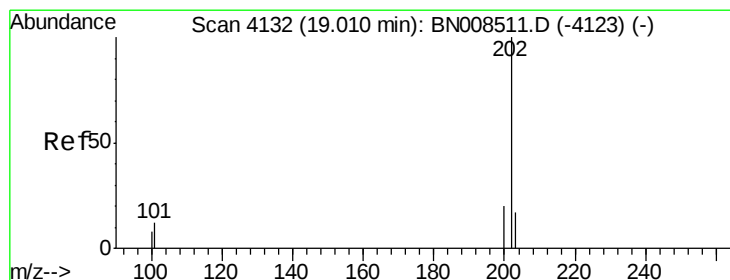
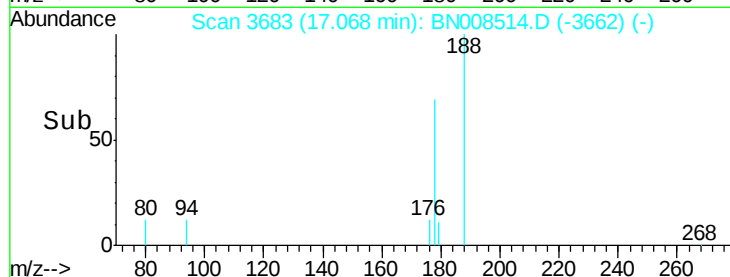
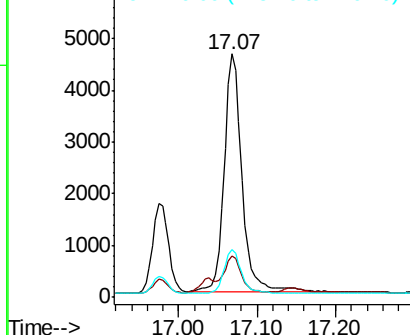
176 19.5 15.7 23.5

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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



#15

Fluoranthene

Concen: 0.519 ng/ul

RT: 19.00 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

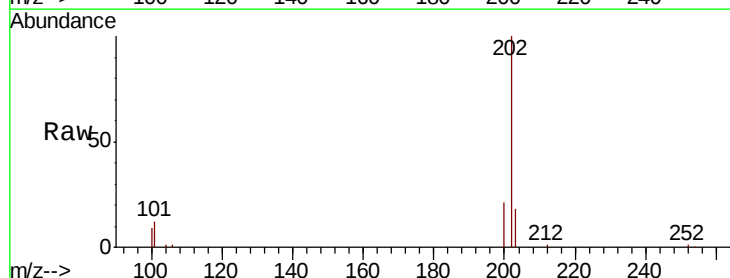
Tgt Ion:202 Resp: 16734

Ion Ratio Lower Upper

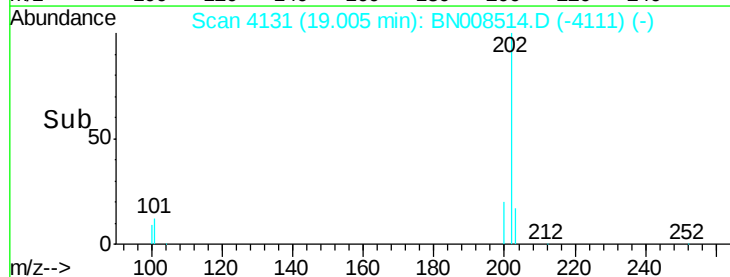
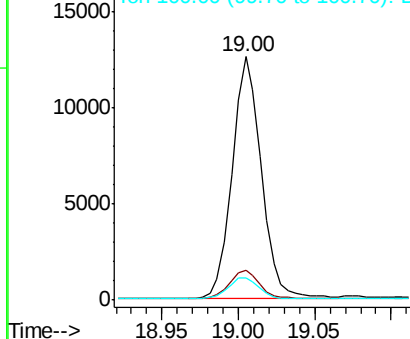
202 100

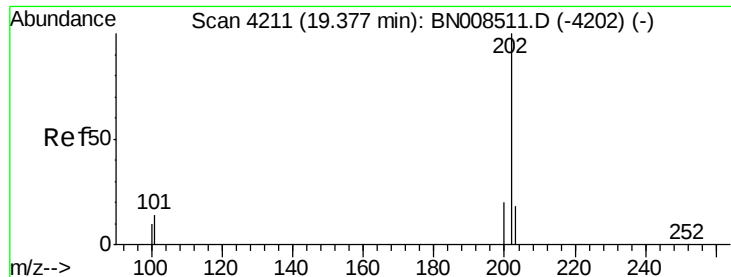
101 12.3 0.0 33.0

100 9.1 0.0 30.2



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): B





#17

Pvrene

Concen: 0.686 ng/ul

RT: 19.37 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Instrument :

BNA_N

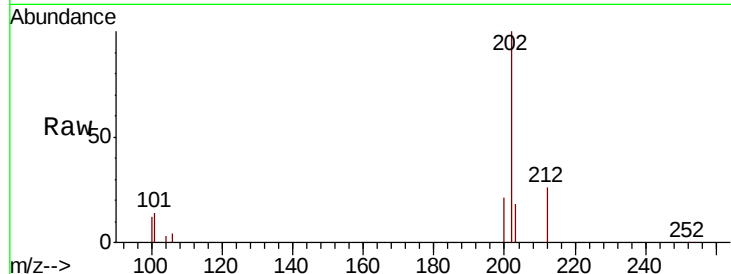
ClientSampleId :

F2J02DL

Tot Ion:	202	Resp:	24258
Ion Ratio	Lower	Upper	
202	100		
101	14.3	11.6	17.4
100	12.3	9.4	14.0

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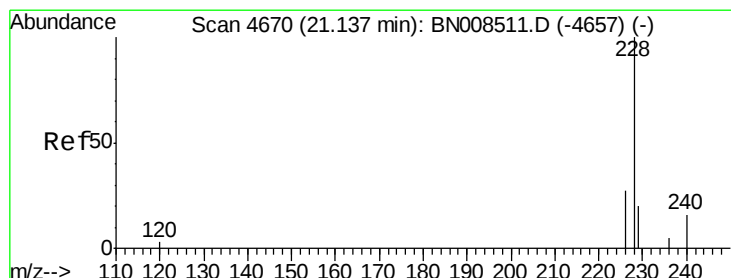
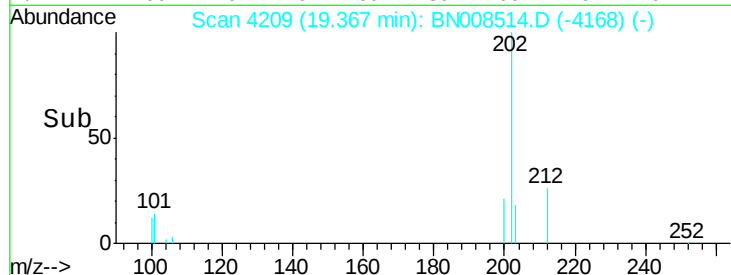
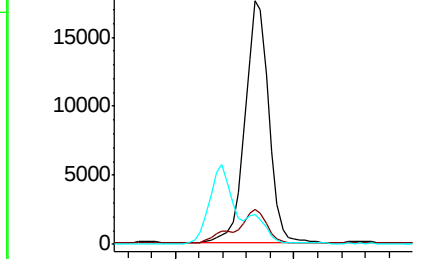
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.415 ng/ul

RT: 21.13 min Scan# 4668

Delta R.T. -0.01 min

Lab File: BN008514.D

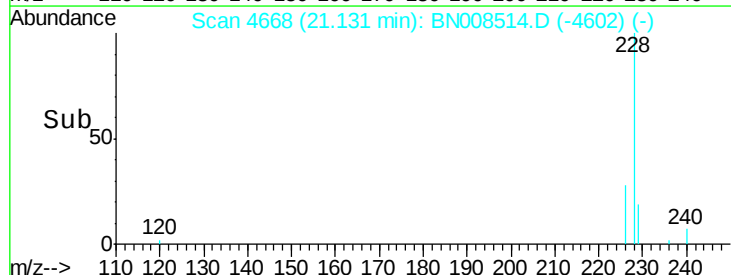
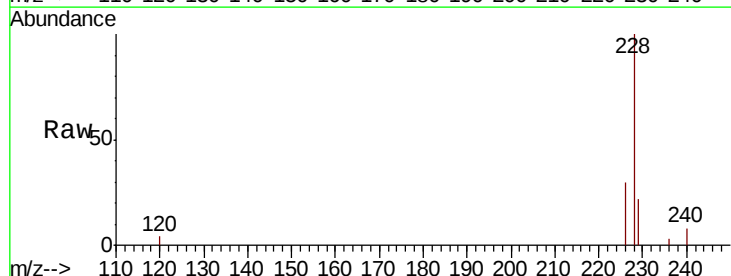
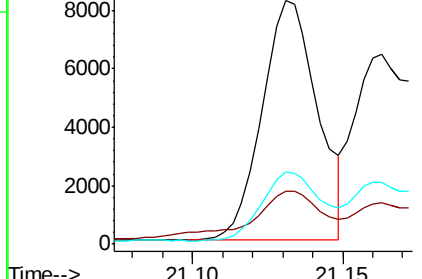
Acq: 08 Nov 2019 18:14

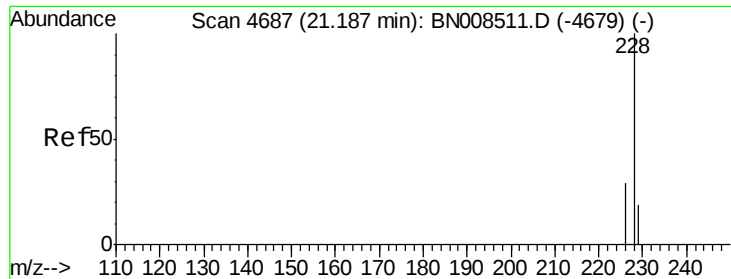
Tgt Ion:	228	Resp:	10464
Ion Ratio	Lower	Upper	
228	100		
229	22.0	16.6	24.8
226	29.6	22.8	34.2

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: 0.331 ng/ul

RT: 21.18 min Scan# 4686

Delta R.T. -0.00 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Instrument :

BNA_N

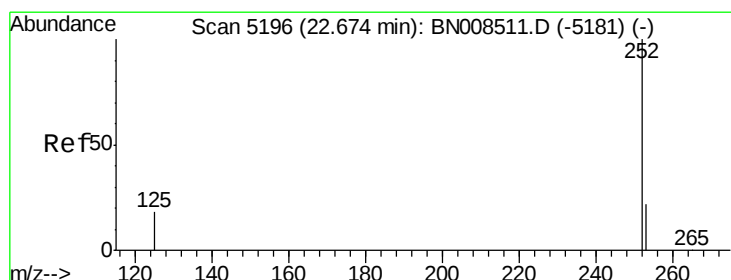
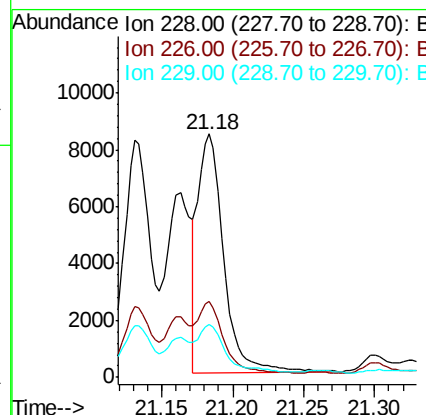
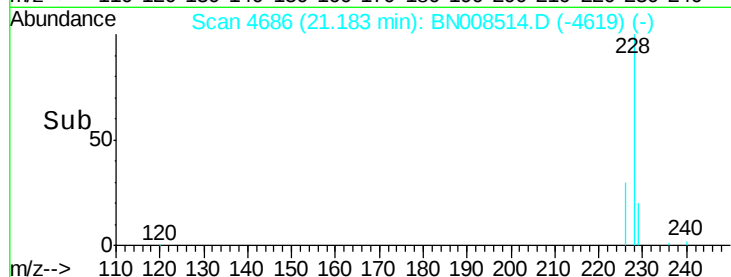
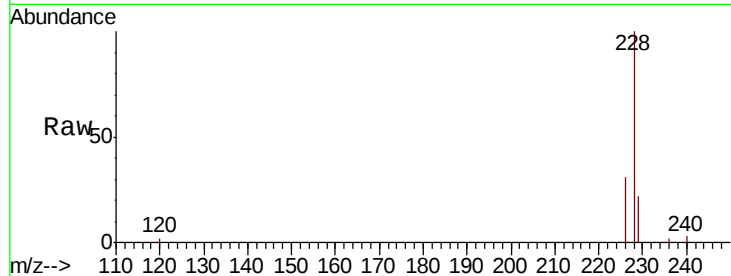
ClientSampled :

F2J02DL

Tot Ion:	228	Resp:	10619
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	21.5	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.008 ng/ul m

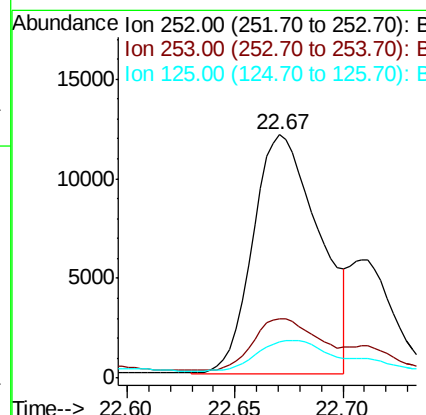
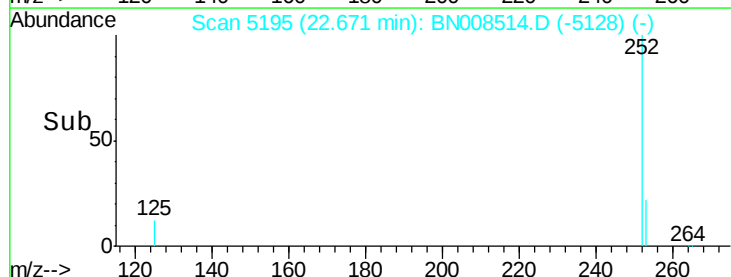
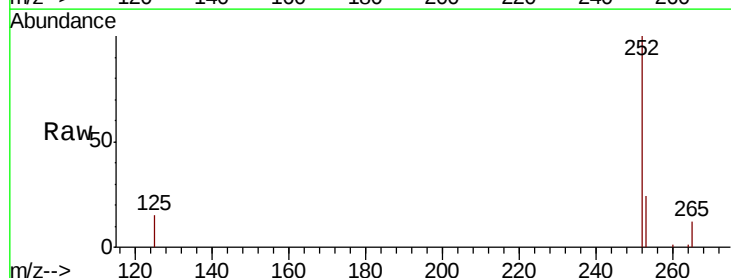
RT: 22.67 min Scan# 5195

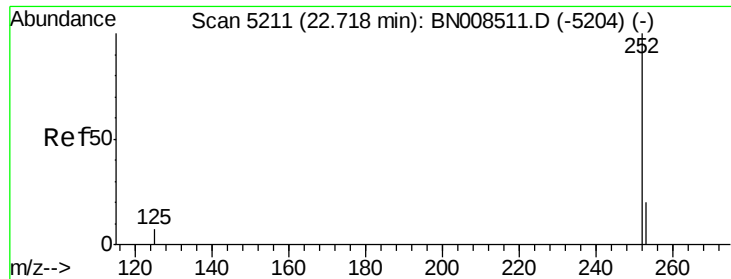
Delta R.T. -0.00 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Tgt Ion:	252	Resp:	25472
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	58.4
125	14.7	0.0	58.6





#22

Benzo(k)fluoranthene

Concen: 0.292 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Instrument :

BNA_N

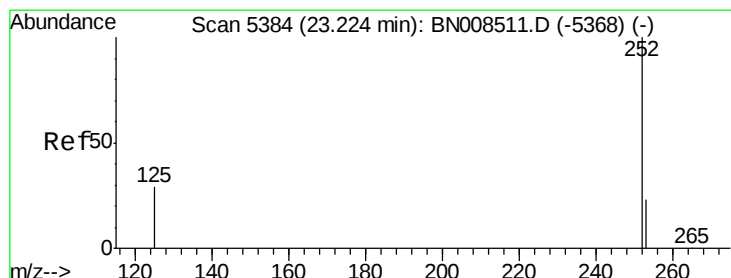
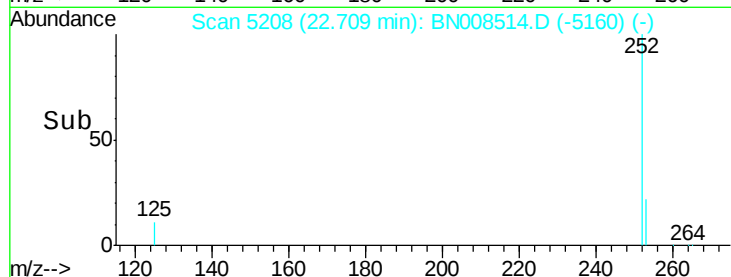
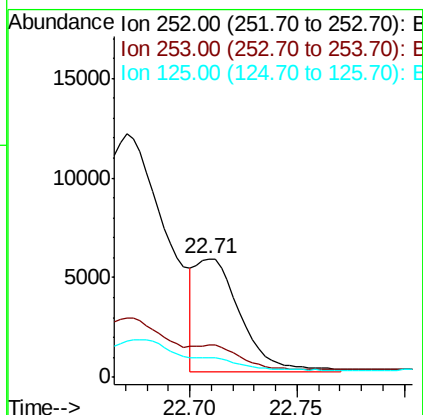
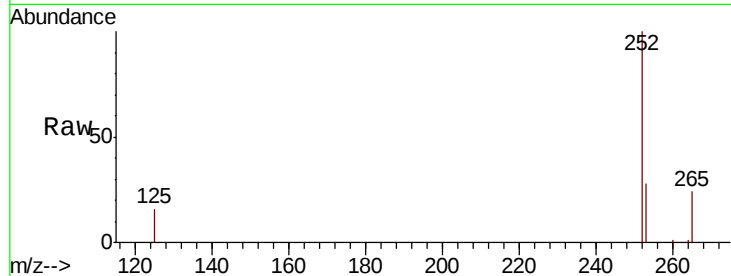
ClientSampleID :

F2J02DL

Tot Ion:	252	Resp:	8372
Ion Ratio	Lower	Upper	
252	100		
253	27.8	22.6	34.0
125	16.3	14.7	22.1

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#23

Benzo(a)pyrene

Concen: 0.393 ng/ul

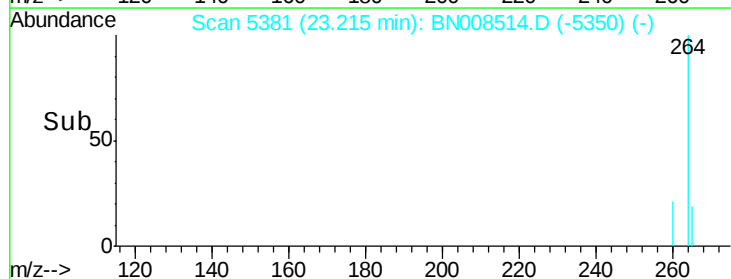
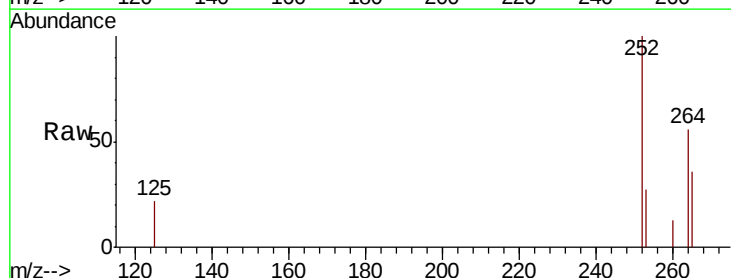
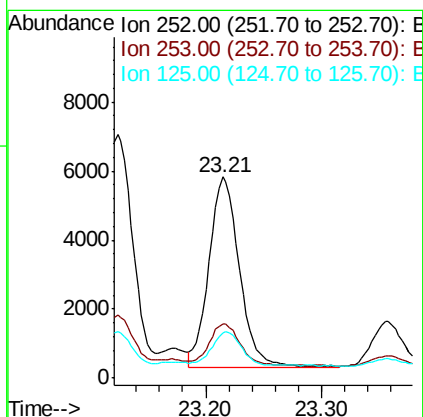
RT: 23.21 min Scan# 5381

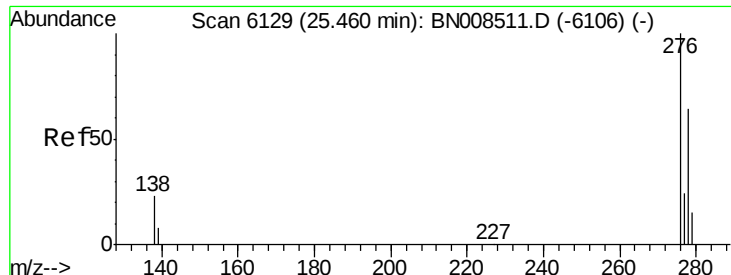
Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Tgt Ion:	252	Resp:	9996
Ion Ratio	Lower	Upper	
252	100		
253	27.0	27.2	40.8#
125	22.2	37.0	55.6#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.218 ng/ul

RT: 25.45 min Scan# 6125

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

Instrument :

BNA_N

ClientSampleId :

F2J02DL

Tot Ion: 276 Resp: 6288

Ion Ratio Lower Upper

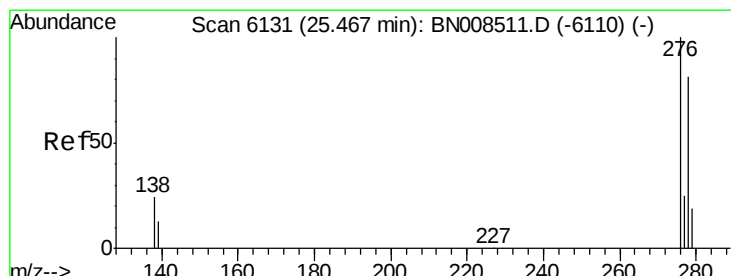
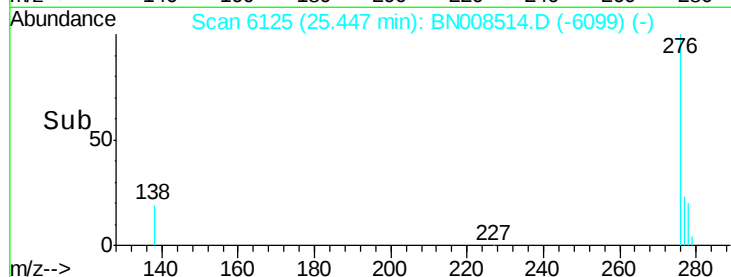
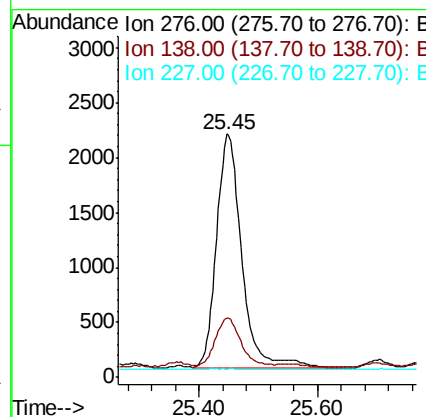
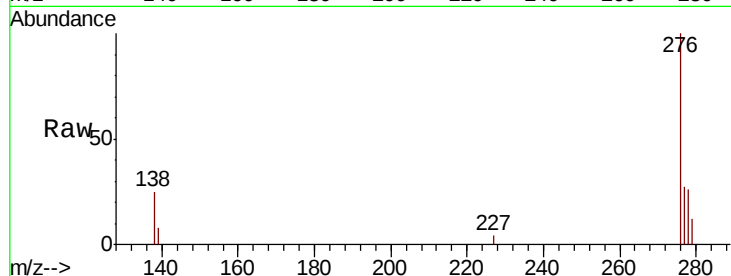
276 100

138 22.4 18.3 27.5

227 0.0 0.0 0.0#

Manual Integrations
APPROVED

mohammad
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#25

Dibenzo(a,h)anthracene

Concen: 0.068 ng/ul

RT: 25.45 min Scan# 6127

Delta R.T. -0.01 min

Lab File: BN008514.D

Acq: 08 Nov 2019 18:14

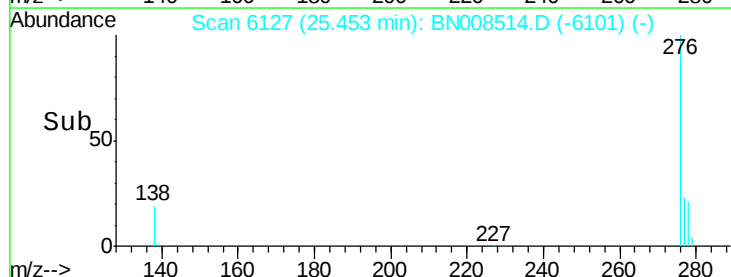
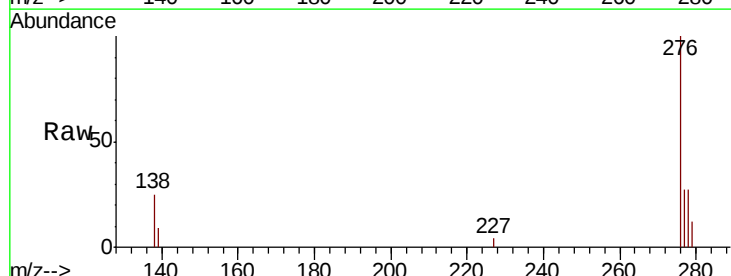
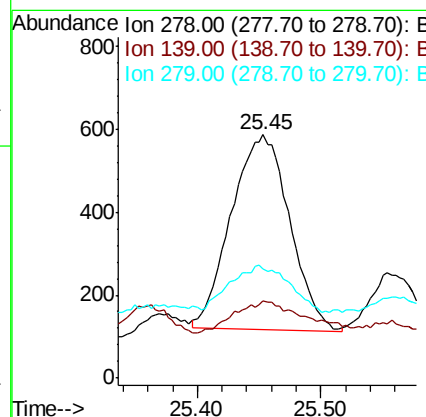
Tgt Ion: 278 Resp: 1550

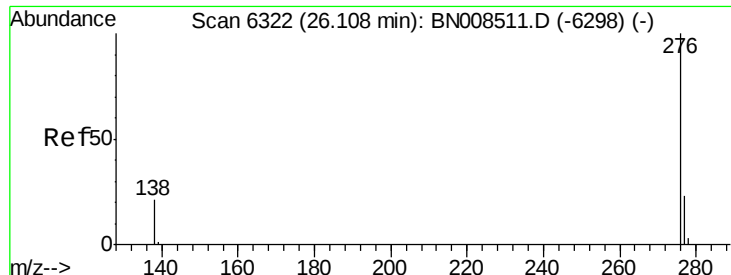
Ion Ratio Lower Upper

278 100

139 31.5 17.6 26.4#

279 44.7 25.1 37.7#





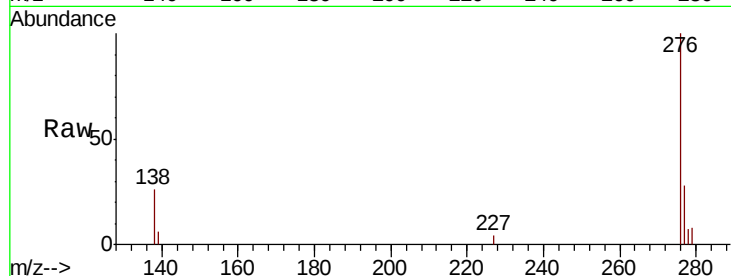
#26
Benzo(a,h,i)perylene
Concen: 0.203 ng/ul
RT: 26.10 min Scan# 6320
Delta R.T. -0.01 min
Lab File: BN008514.D
Acq: 08 Nov 2019 18:14

Instrument :
BNA_N
ClientSampleId :
F2J02DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.1	30.1
277	27.6	20.6	31.0

Manual Integrations
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mohammad
11/11/2019 8:09:16 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

