

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007457.D
 Acq On : 28 Aug 2019 06:18
 Operator : HP/JU
 Sample : K4337-15DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG0DL

Manual Integrations
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 8/28/2019 7:49:11 AM

Quant Time: Aug 28 07:02:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 02:09:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5280	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21372	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11805	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	24304	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	20978	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	24217	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	2234	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	5756	0.07	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	161956	2.683	ng/ul	99
5) 2-Methylnaphthalene	11.83	142	1674	0.041	ng/ul	97
7) Acenaphthylene	13.76	152	15914	0.242	ng/ul	97
8) Acenaphthene	14.11	153	259513	5.498	ng/ul	97
9) Fluorene	15.11	166	158661	3.107	ng/ul	97
11) Pentachlorophenol	16.46	266	171	0.031	ng/ul	93
12) Phenanthrene	16.84	178	42355	0.558	ng/ul	100
13) Anthracene	16.93	178	30536	0.427	ng/ul	99
15) Fluoranthene	18.87	202	121442	1.196	ng/ul	100
17) Pyrene	19.24	202	79661	0.776	ng/ul	97
18) Benzo(a)anthracene	21.00	228	37115	0.396	ng/ul	93
19) Chrysene	21.05	228	63027	0.626	ng/ul	99
21) Benzo(b)fluoranthene	22.50	252	66174m	0.626	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	24802m	0.224	ng/ul	
23) Benzo(a)pyrene	23.03	252	46753	0.443	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.18	276	28615	0.242	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	6681	0.072	ng/ul#	82
26) Benzo(g,h,i)perylene	25.81	276	28689	0.285	ng/ul	99

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

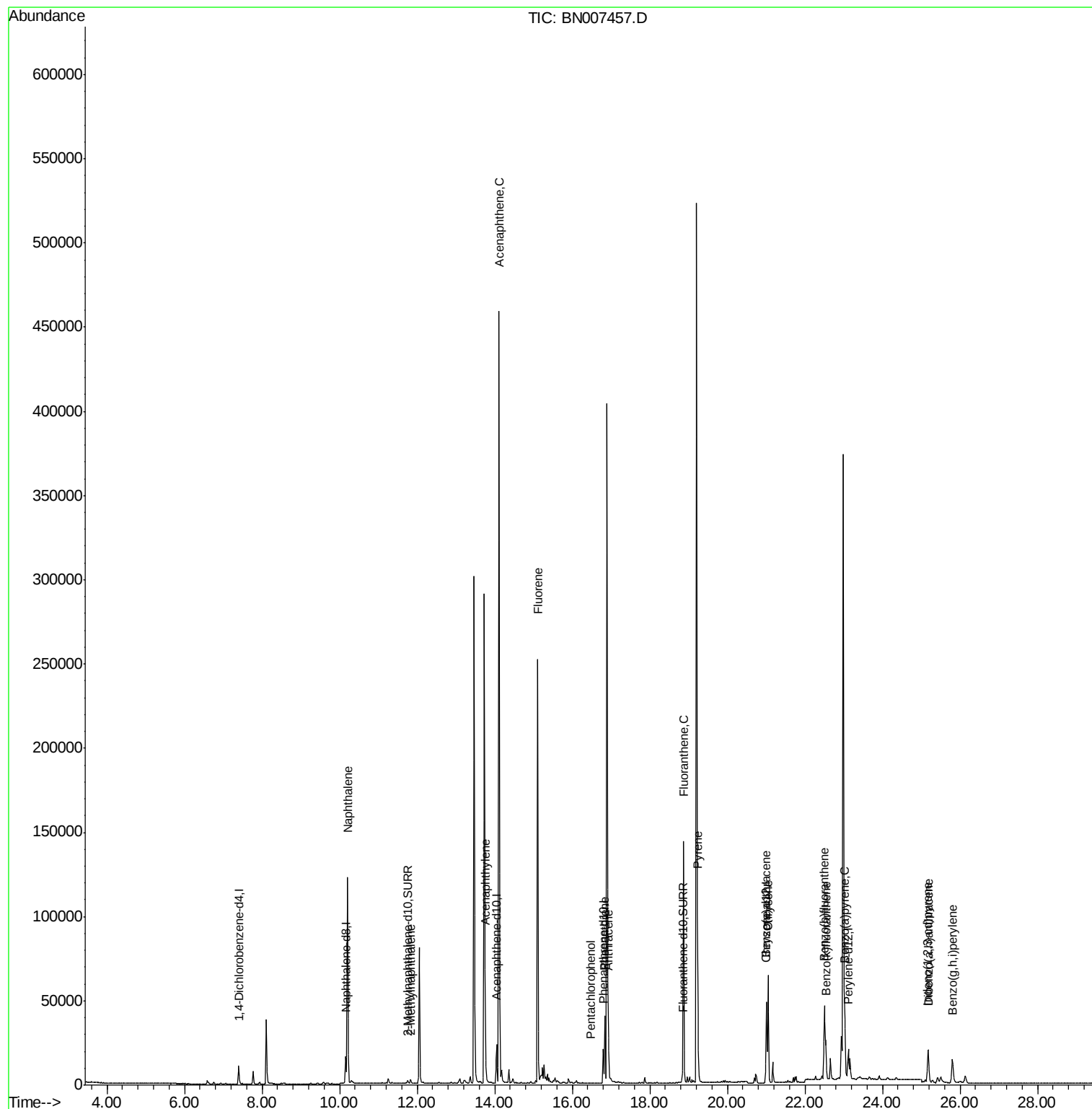
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007457.D
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ALS Vial : 24 Sample Multiplier: 1

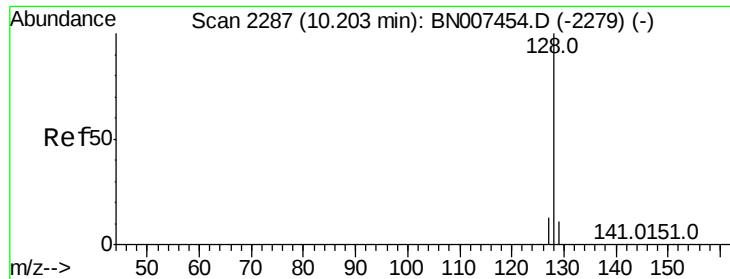
Instrument :
BNA_N
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#3

Naphthalene

Concen: 2.683 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Instrument :

BNA_N

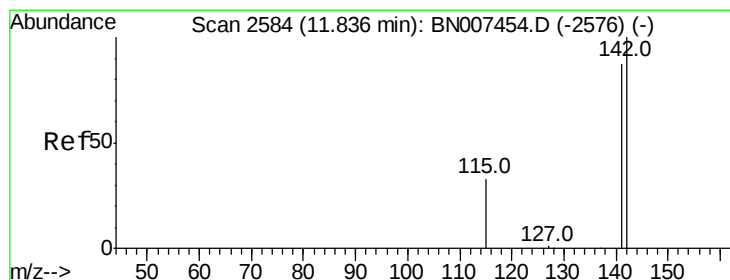
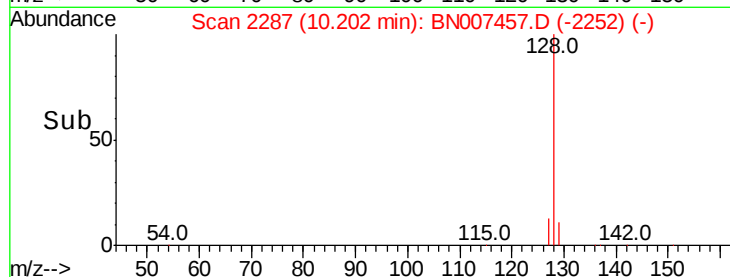
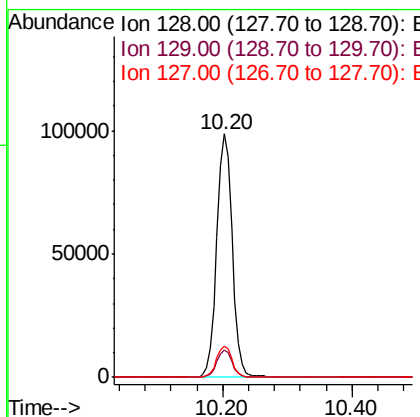
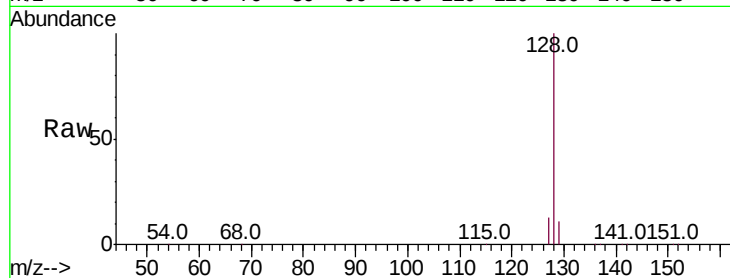
ClientSampled :

C0AG0DL

Tot Ion:	128	Resp:	161956
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.1	10.4	15.6

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#5

2-Methylnaphthalene

Concen: 0.041 ng/ul

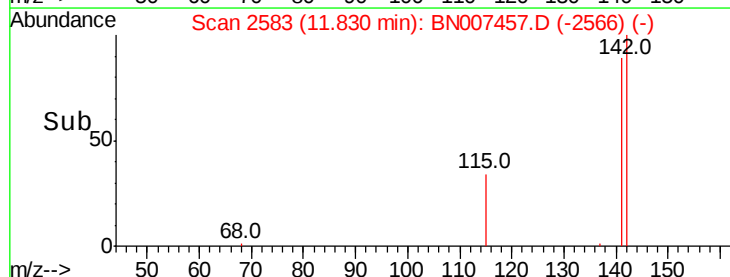
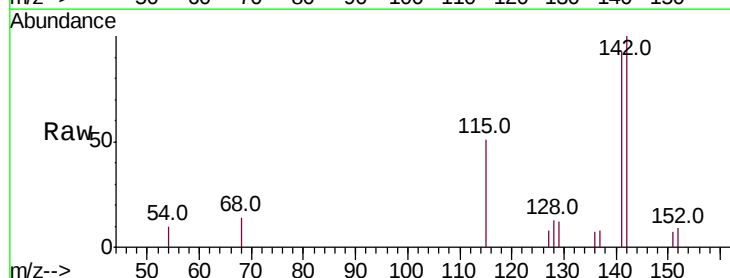
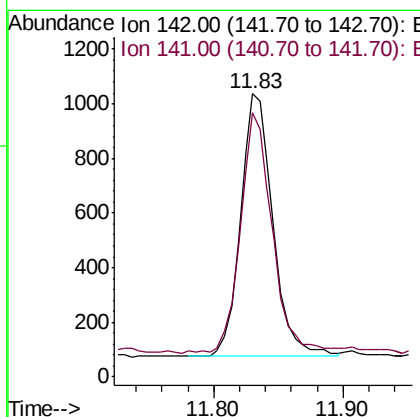
RT: 11.83 min Scan# 2583

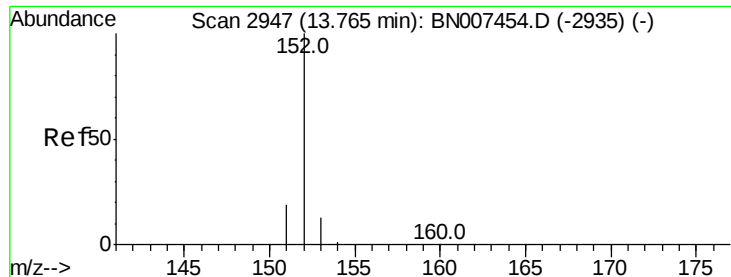
Delta R.T. -0.01 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Tgt Ion:	142	Resp:	1674
Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.7	107.5





#7

Acenaphthylene

Concen: 0.242 ng/ul

RT: 13.76 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Instrument :

BNA_N

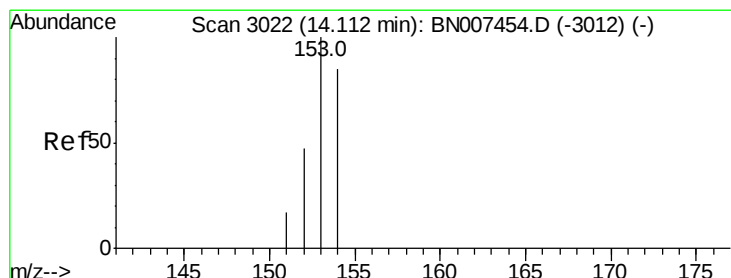
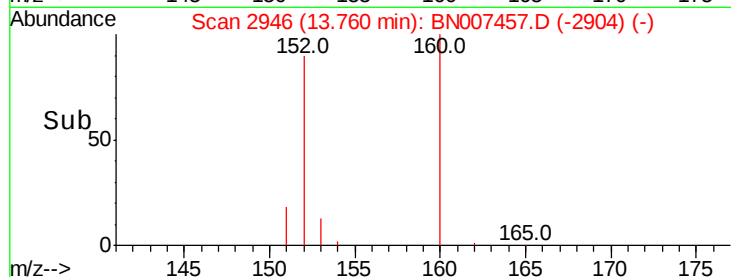
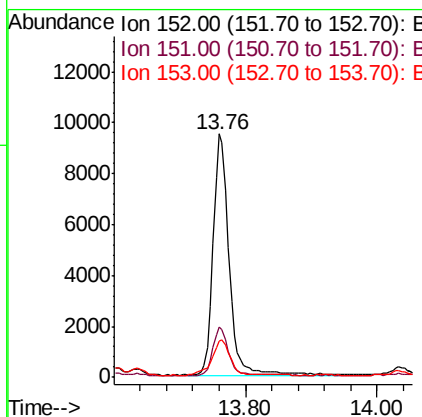
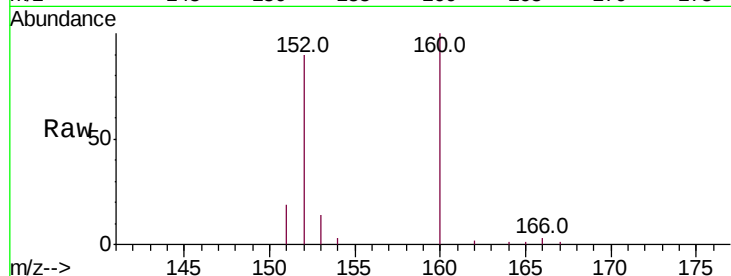
ClientSampleId :

C0AG0DL

Tot Ion:	152	Resp:	15914
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.8	23.6
153	15.1	10.8	16.2

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#8

Acenaphthene

Concen: 5.498 ng/ul

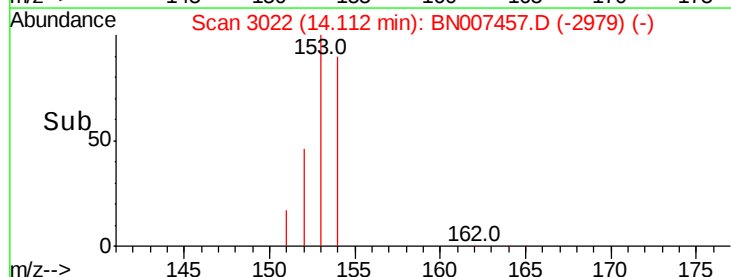
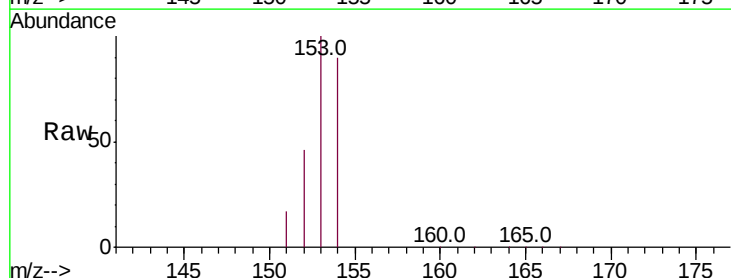
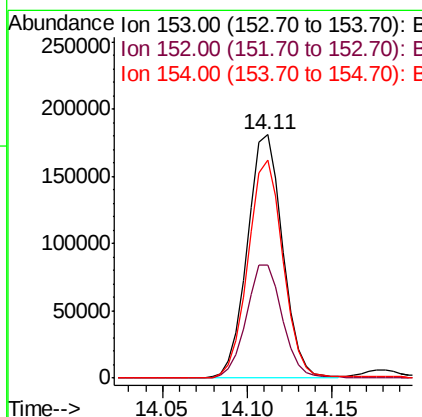
RT: 14.11 min Scan# 3022

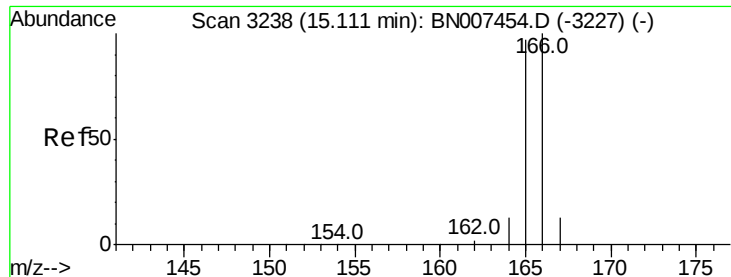
Delta R.T. -0.00 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Tgt Ion:	153	Resp:	259513
Ion Ratio	Lower	Upper	
153	100		
152	46.5	39.1	58.7
154	89.6	69.4	104.2





#9

Fluorene

Concen: 3.107 ng/ul

RT: 15.11 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Instrument :

BNA_N

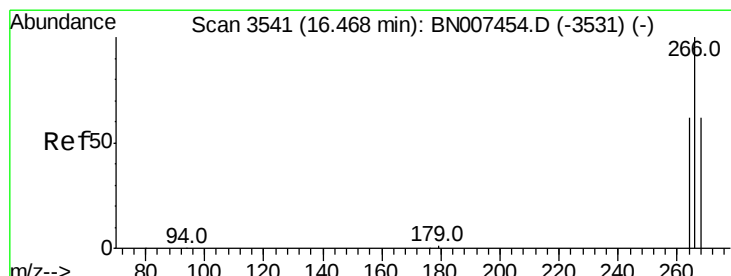
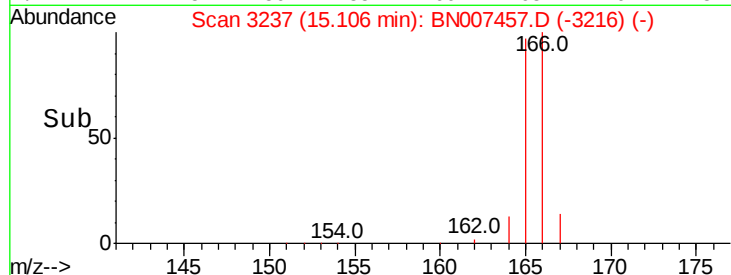
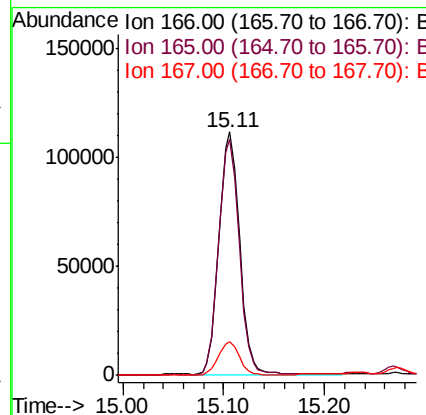
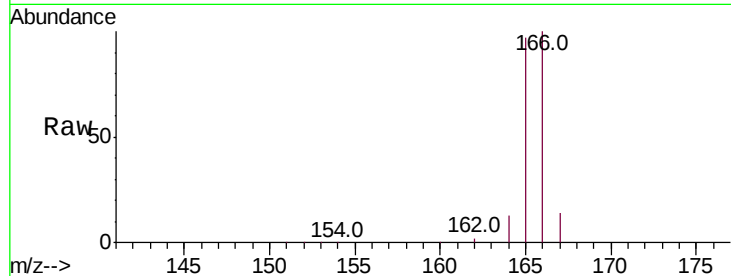
ClientSampleId :

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Tot Ion:	166	Resp:	158661
Ion Ratio	Lower	Upper	
166	100		
165	96.8	79.6	119.4
167	13.7	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.031 ng/ul

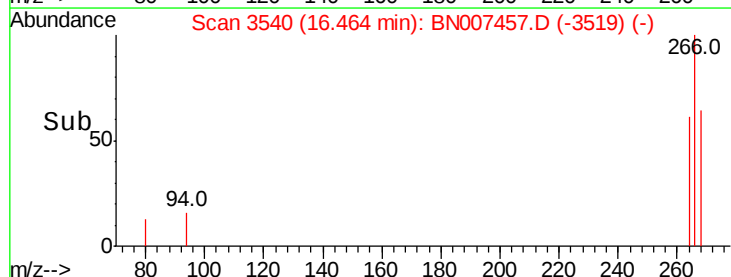
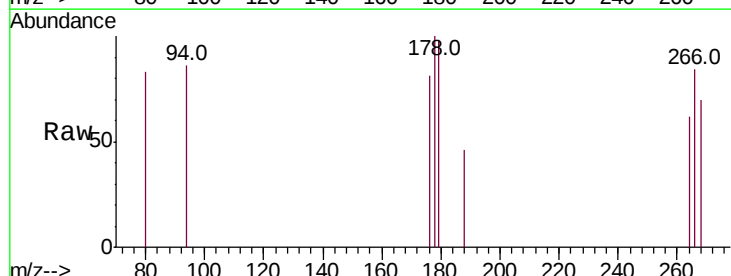
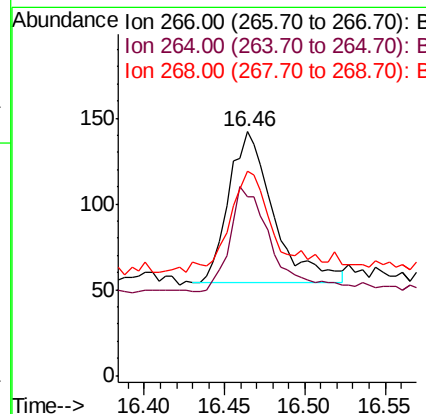
RT: 16.46 min Scan# 3540

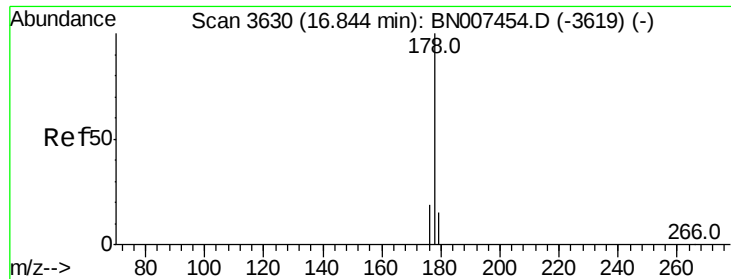
Delta R.T. -0.01 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Tgt Ion:	266	Resp:	171
Ion Ratio	Lower	Upper	
266	100		
264	68.4	49.0	73.6
268	66.7	50.2	75.2





#12

Phenanthrene

Concen: 0.558 ng/ul

RT: 16.84 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BN007457.D

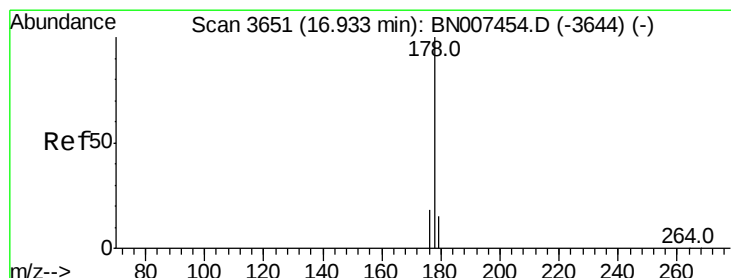
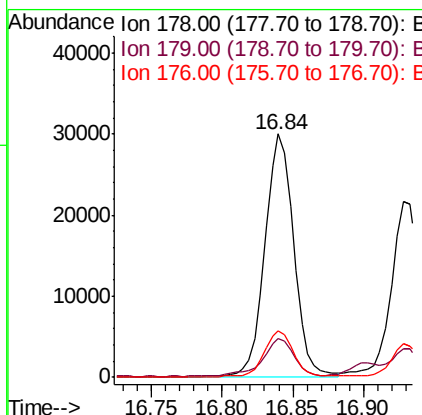
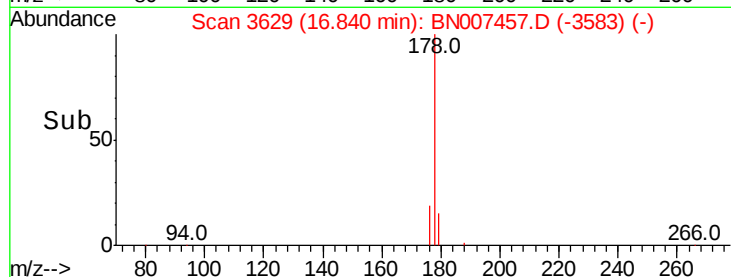
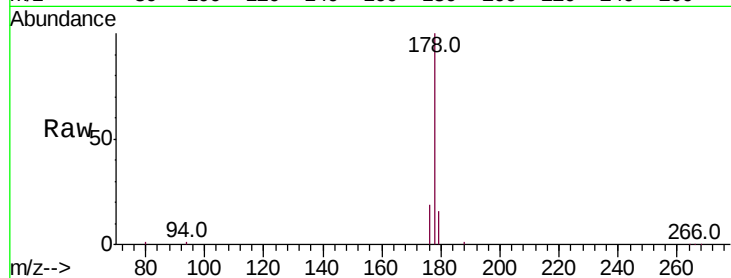
Acq: 28 Aug 2019 06:18

Instrument :
BNA_N
ClientSampleId :
C0AG0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.1	15.2	22.8

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#13

Anthracene

Concen: 0.427 ng/ul

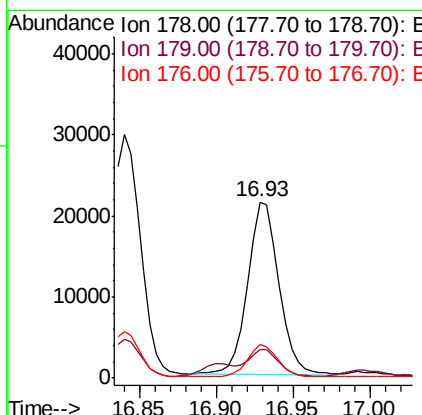
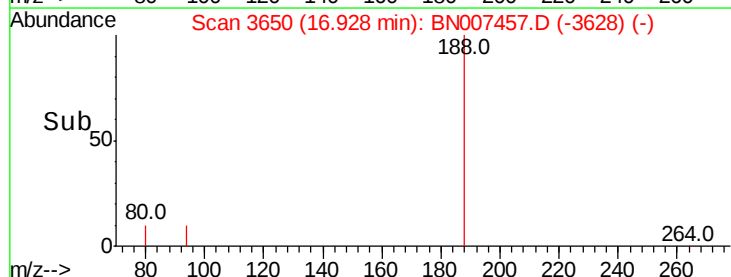
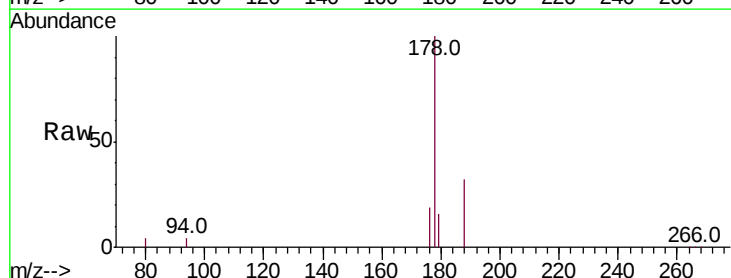
RT: 16.93 min Scan# 3650

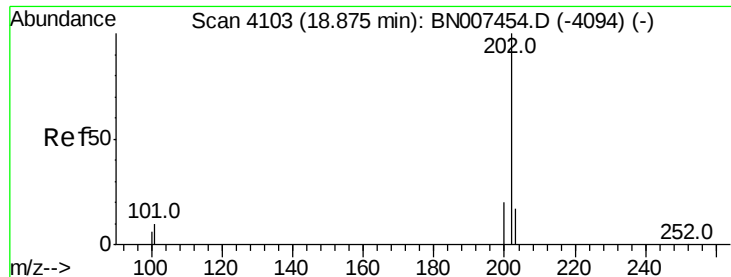
Delta R.T. -0.01 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.9	14.6	21.8





#15

Fluoranthene

Concen: 1.196 ng/ul

RT: 18.87 min Scan# 4102

Delta R.T. -0.00 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Instrument :

BNA_N

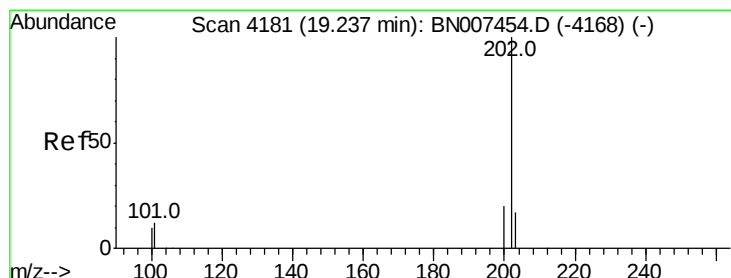
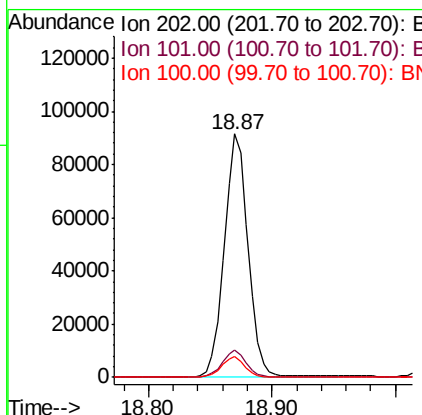
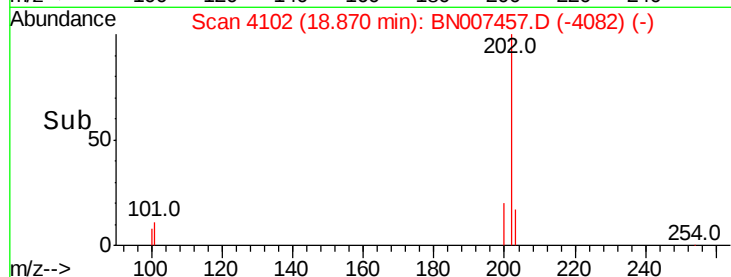
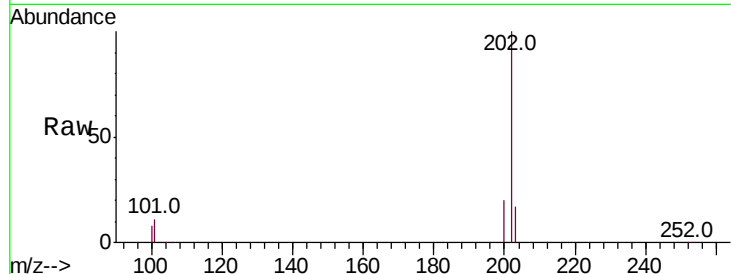
ClientSampleId :

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Tot Ion:	202	Resp:	121442
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.3
100	8.4	0.0	28.5

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#17

Pyrene

Concen: 0.776 ng/ul

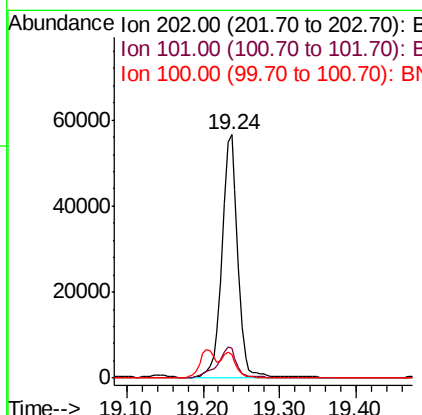
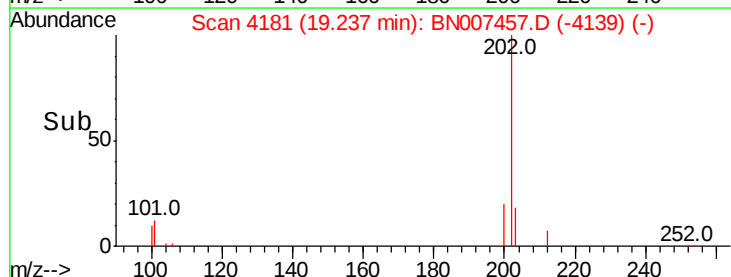
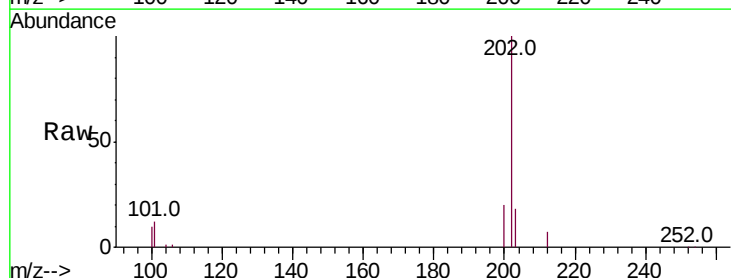
RT: 19.24 min Scan# 4181

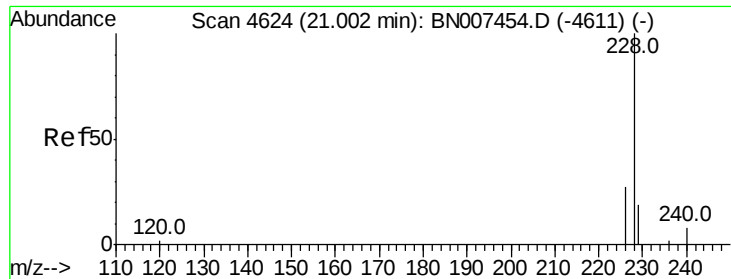
Delta R.T. -0.00 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Tgt Ion:	202	Resp:	79661
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.7	16.1
100	9.6	8.6	12.8





#18

Benzo(a)anthracene

Concen: 0.396 ng/ul

RT: 21.00 min Scan# 4624

Delta R.T. -0.01 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Instrument :

BNA_N

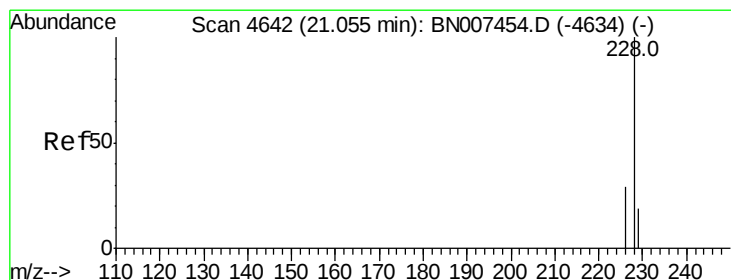
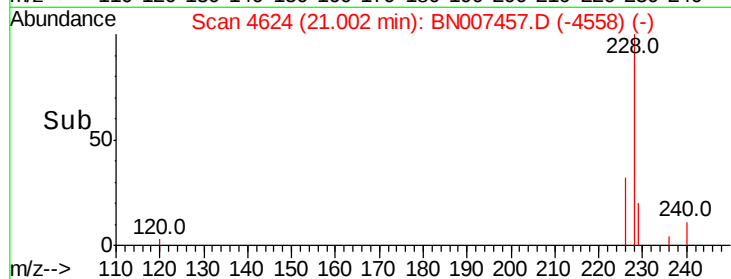
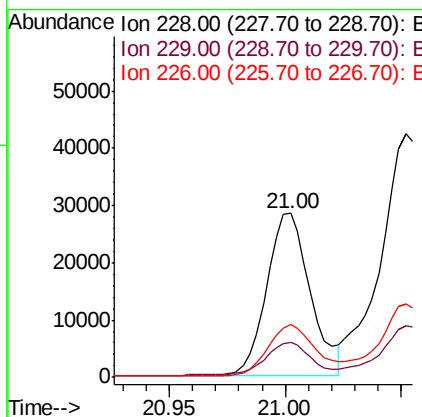
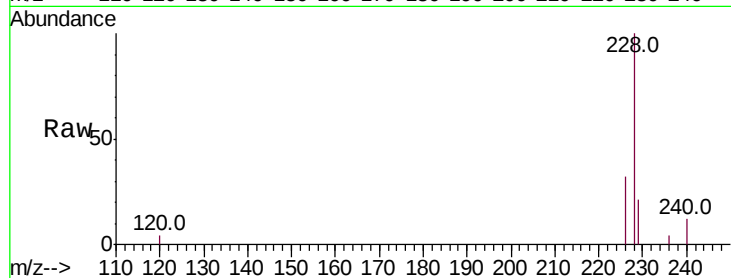
ClientSampleId :

C0AG0DL

Tot Ion:228	Resp:	37115
Ion Ratio	Lower	Upper
228	100	
229	21.2	15.4 23.2
226	32.1	22.0 33.0

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#19

Chrysene

Concen: 0.626 ng/ul

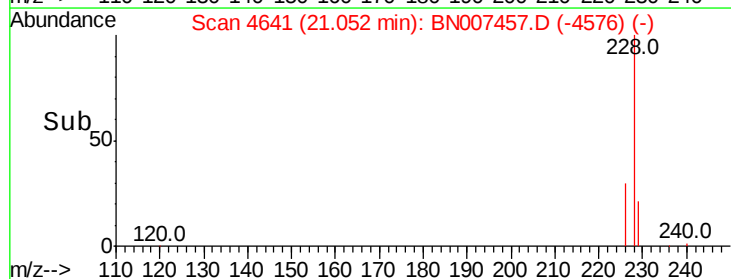
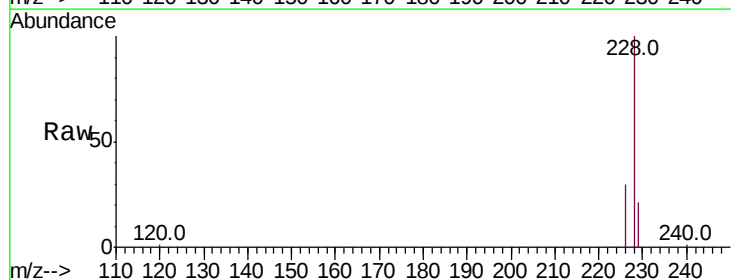
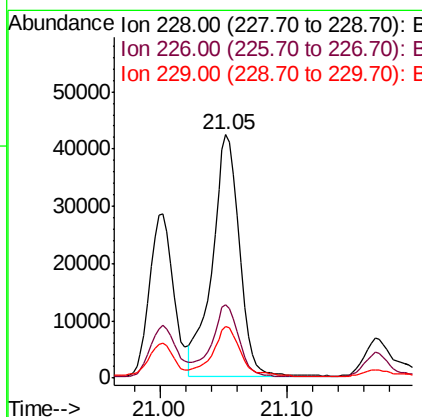
RT: 21.05 min Scan# 4641

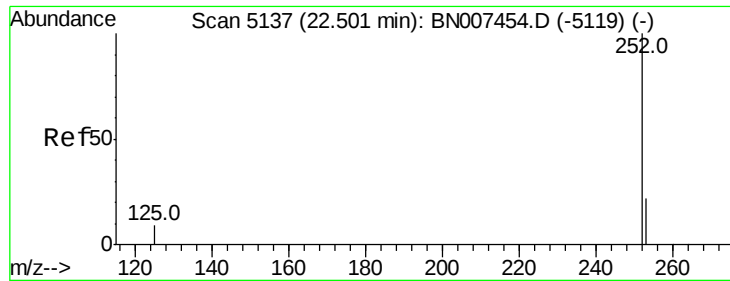
Delta R.T. -0.01 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Tgt Ion:228	Resp:	63027
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.1 36.1
229	21.1	16.1 24.1





#21

Benzo(b)fluoranthene

Concen: 0.626 ng/ul m

RT: 22.50 min Scan# 5137

Delta R.T. -0.01 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Instrument :

BNA_N

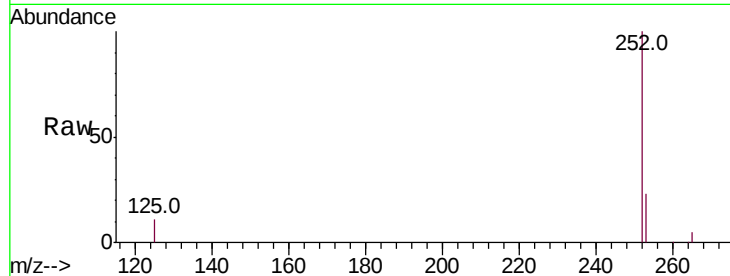
ClientSampleId :

C0AG0DL

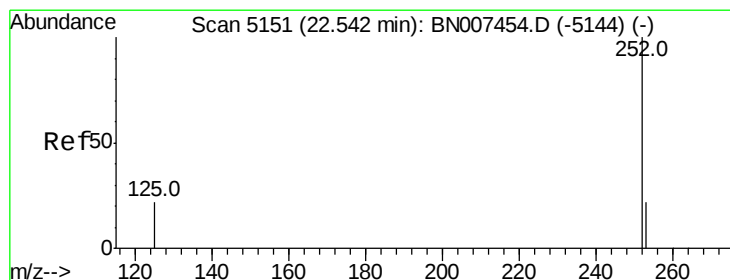
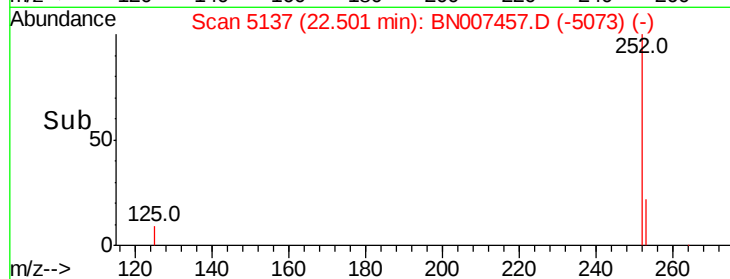
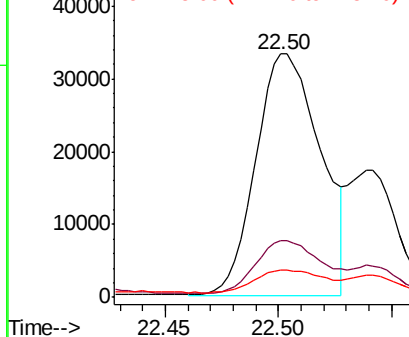
Tot Ion:	252	Resp:	66174
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	47.0
125	11.3	0.0	24.8

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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



#22

Benzo(k)fluoranthene

Concen: 0.224 ng/ul m

RT: 22.54 min Scan# 5150

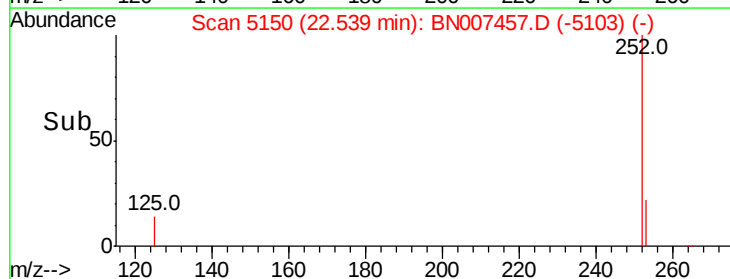
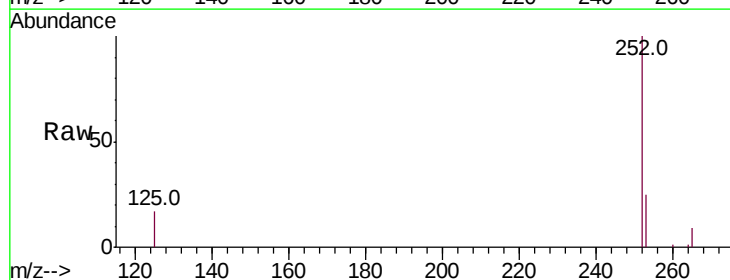
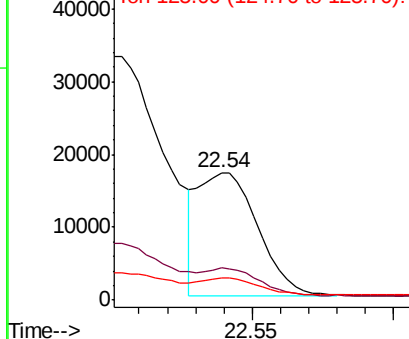
Delta R.T. -0.01 min

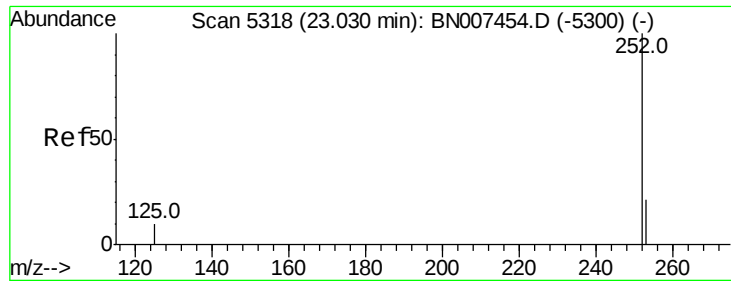
Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Tgt Ion:	252	Resp:	24802
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.7	28.1
125	17.1	12.4	18.6

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





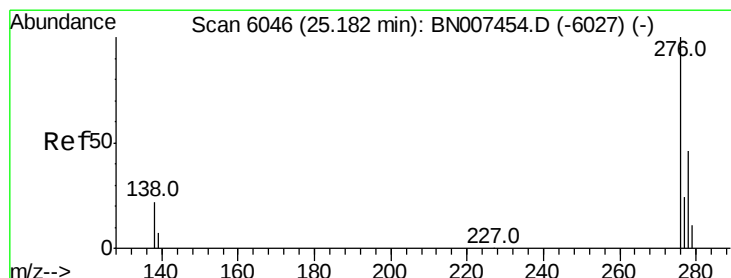
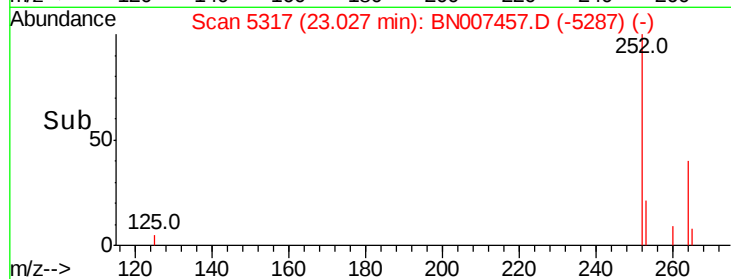
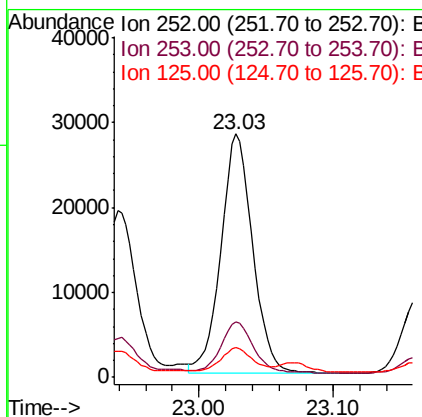
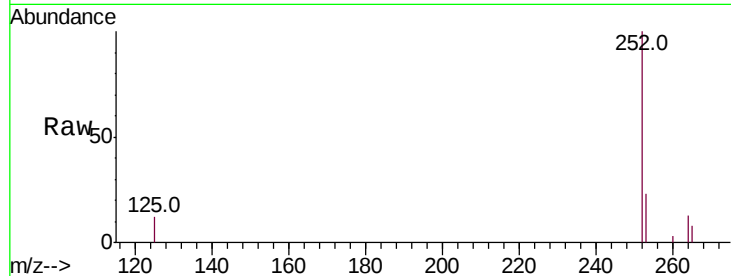
#23
Benzo(a)pyrene
Concen: 0.443 ng/ul
RT: 23.03 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN007457.D
Acq: 28 Aug 2019 06:18

Instrument :
BNA_N
ClientSampleId :
C0AG0DL

Tot Ion:	252	Resp:	46753
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.0	28.6
125	12.0	11.2	16.8

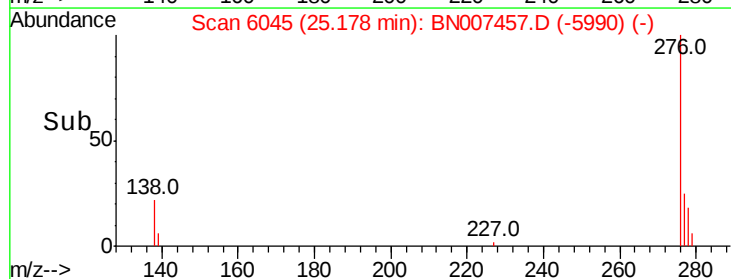
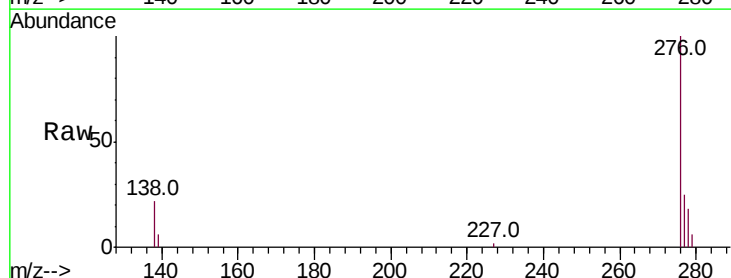
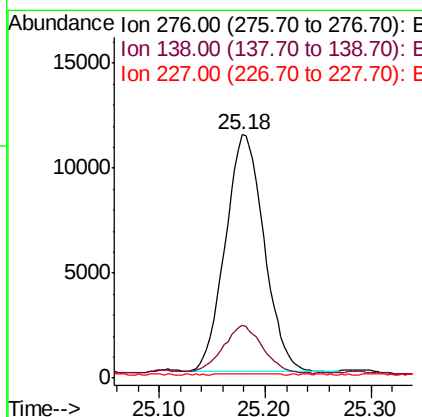
Manual Integrations
APPROVED

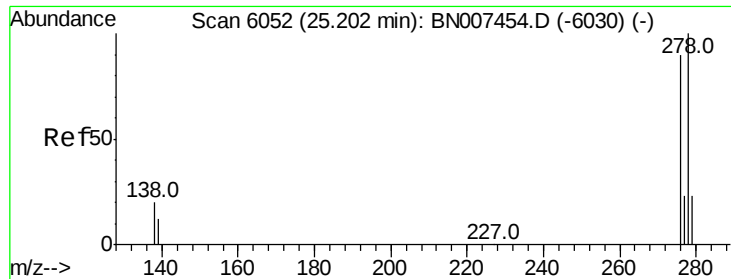
mohammad
8/28/2019 7:49:11 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng/ul
RT: 25.18 min Scan# 6045
Delta R.T. -0.02 min
Lab File: BN007457.D
Acq: 28 Aug 2019 06:18

Tgt Ion:	276	Resp:	28615
Ion Ratio	Lower	Upper	
276	100		
138	25.8	19.7	29.5
227	13.7	0.1	0.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.072 ng/ul

RT: 25.19 min Scan# 6048

Delta R.T. -0.03 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Instrument :

BNA_N

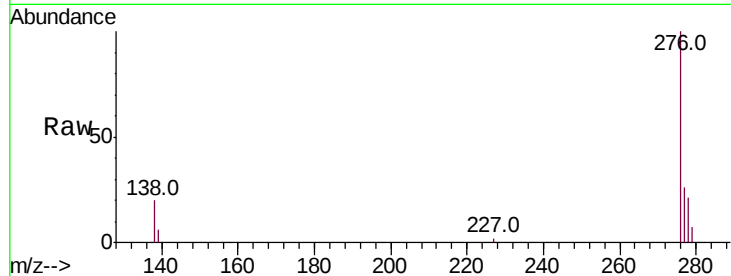
ClientSampleId :

C0AG0DL

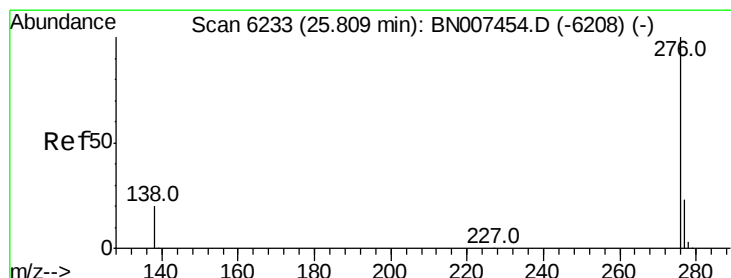
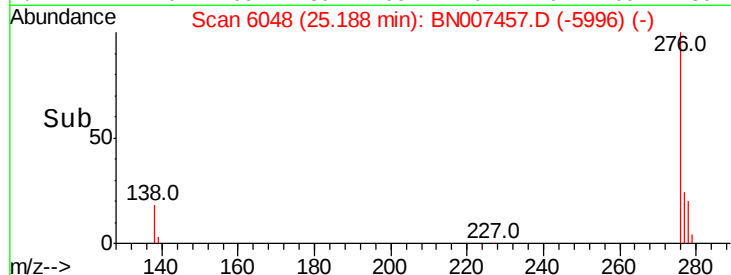
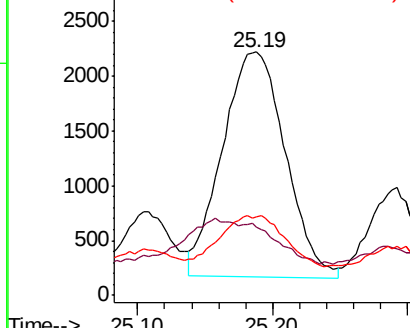
Tot Ion:	278	Resp:	6681
Ion Ratio	Lower	Upper	
278	100		
139	28.2	14.6	21.8#
279	32.5	19.8	29.8#

Manual Integrations
APPROVED

mohammad
8/28/2019 7:49:11 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.285 ng/ul

RT: 25.81 min Scan# 6232

Delta R.T. -0.02 min

Lab File: BN007457.D

Acq: 28 Aug 2019 06:18

Tgt Ion:	276	Resp:	28689
Ion Ratio	Lower	Upper	
276	100		
138	22.0	17.1	25.7
277	24.5	19.4	29.0

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

