

Data File : BN012245.D
Acq On : 15 Oct 2020 23:26
Operator : CG/JU
Sample : L4235-08
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK4

Manual Integrations
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Quant Time: Oct 16 02:17:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1623	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6829	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3979	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8624	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7582	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7577	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1356	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3916	0.17	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	1321	0.067	ng/ul#	93
5) 2-Methylnaphthalene	12.06	142	725	0.058	ng/ul	100
7) Acenaphthylene	13.98	152	1978	0.115	ng/ul#	93
8) Acenaphthene	14.32	153	1258	0.086	ng/ul	95
9) Fluorene	15.31	166	1759	0.108	ng/ul#	99
11) Pentachlorophenol	16.67	266	55	0.022	ng/ul	91
12) Phenanthrene	17.05	178	32910	1.197	ng/ul	98
13) Anthracene	17.14	178	7055	0.299	ng/ul	99
15) Fluoranthene	19.07	202	72668	2.261	ng/ul	100
17) Pyrene	19.44	202	60534	1.771	ng/ul	99
18) Benzo(a)anthracene	21.19	228	37374	1.331	ng/ul	98
19) Chrysene	21.24	228	37663	1.101	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	54429m	1.778	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	20840m	0.615	ng/ul	
23) Benzo(a)pyrene	23.30	252	34905	1.172	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.57	276	26929	0.704	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	7208	0.236	ng/ul#	86
26) Benzo(g,h,i)perylene	26.24	276	22970	0.655	ng/ul	97

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

Data File : BN012245.D

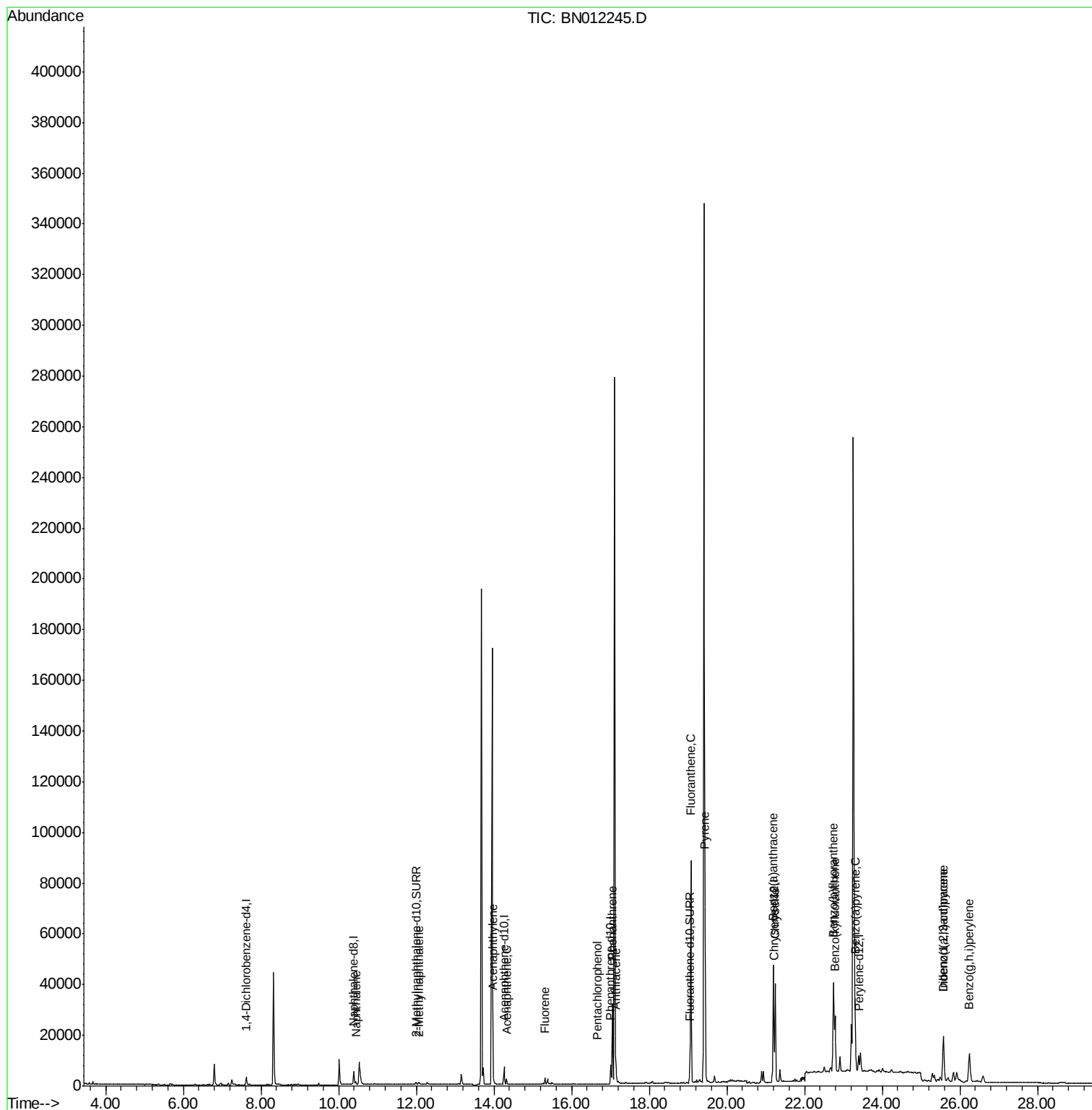
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Acq On       : 15 Oct 2020   23:26
Operator    : CG/JU
Sample      : L4235-08
Misc       :
ALS Vial    : 57      Sample Multip
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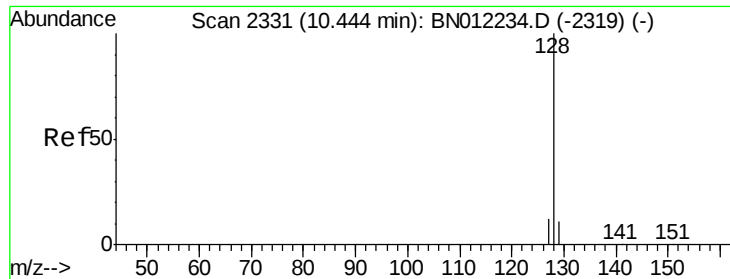
Instrument :
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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Instrument :

BNA_N

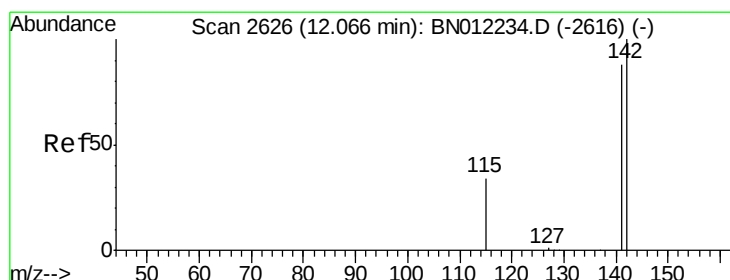
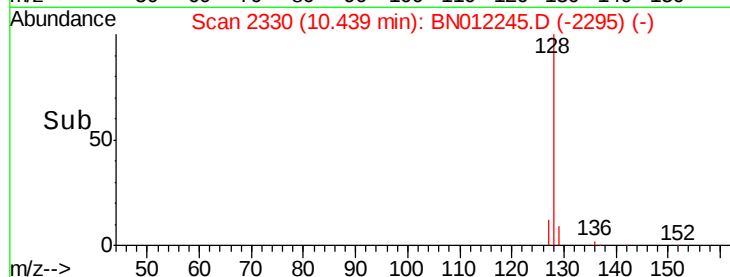
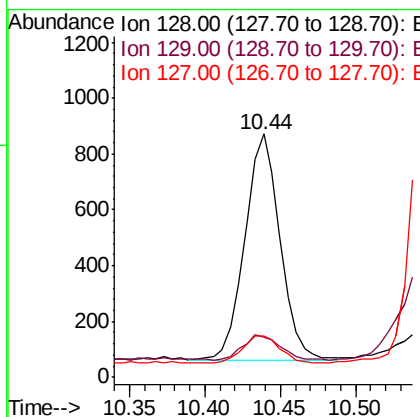
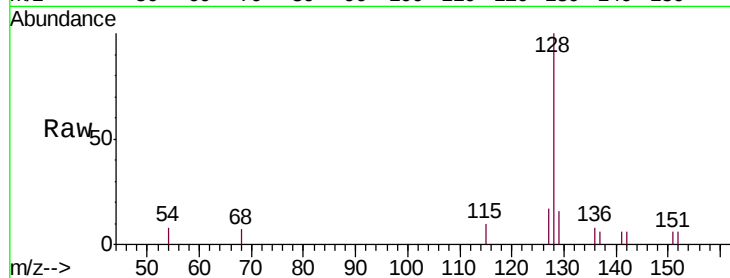
ClientSampleId :

C0AK4

Tgt Ion:	128	Resp:	1321
Ion Ratio	Lower	Upper	
128	100		
129	16.3	10.3	15.5#
127	17.2	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.058 ng/ul

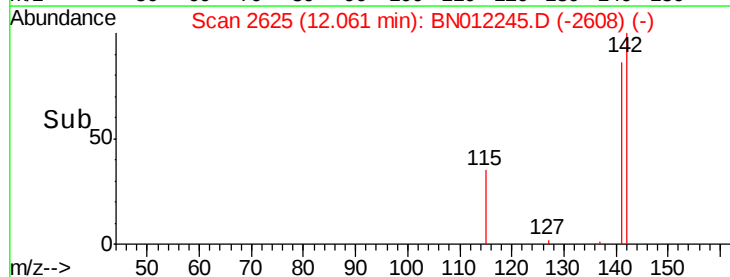
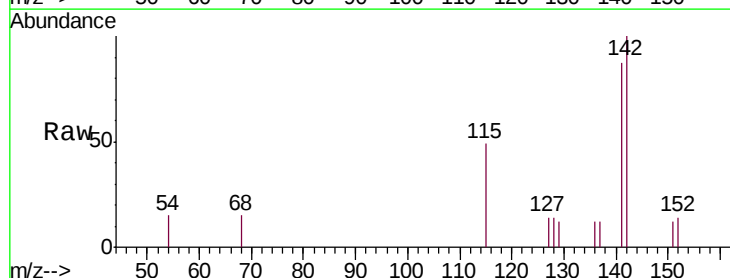
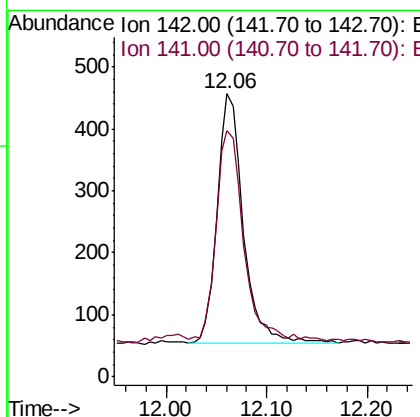
RT: 12.06 min Scan# 2625

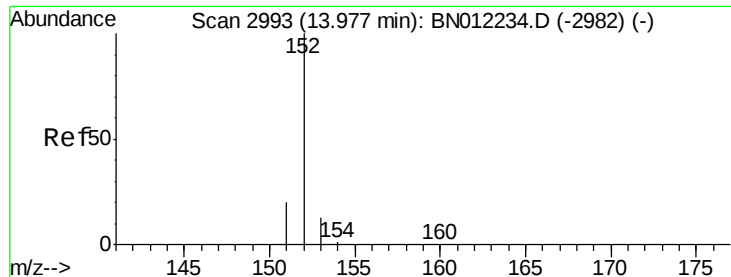
Delta R.T. -0.01 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Tgt Ion:	142	Resp:	725
Ion Ratio	Lower	Upper	
142	100		
141	89.8	71.7	107.5





#7

Acenaphthylene

Concen: 0.115 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Instrument :

BNA_N

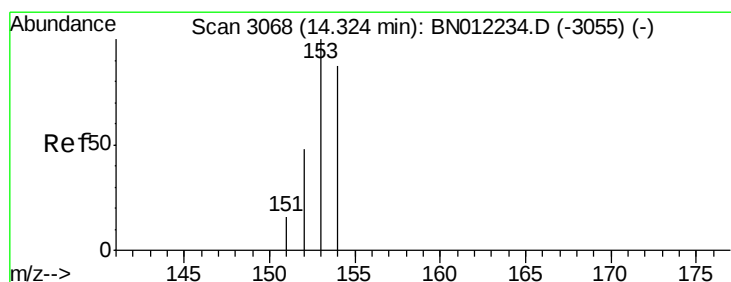
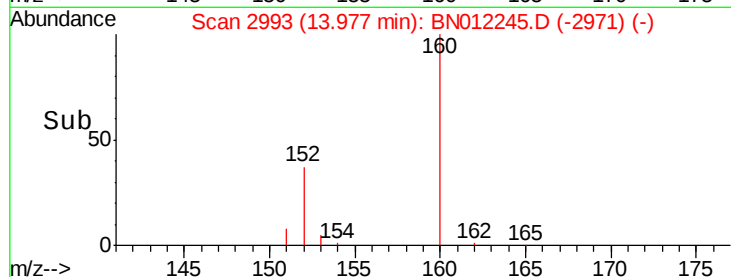
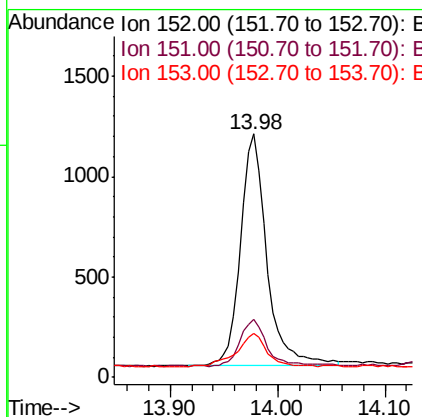
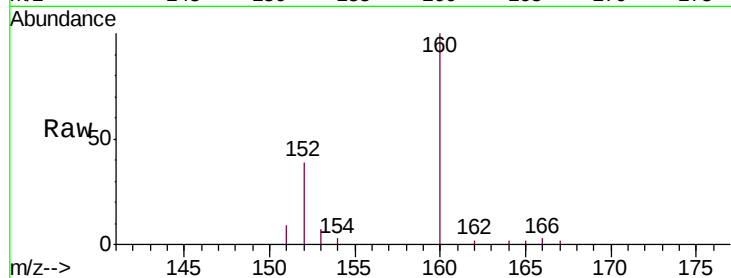
ClientSampleId :

C0AK4

Tgt Ion:	152	Resp:	1978
Ion Ratio	Lower	Upper	
152	100		
151	23.8	16.7	25.1
153	18.3	11.8	17.8

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#8

Acenaphthene

Concen: 0.086 ng/ul

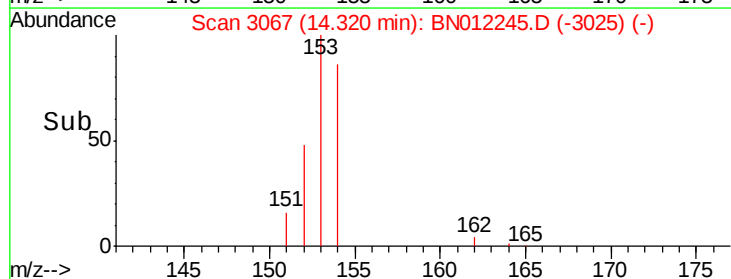
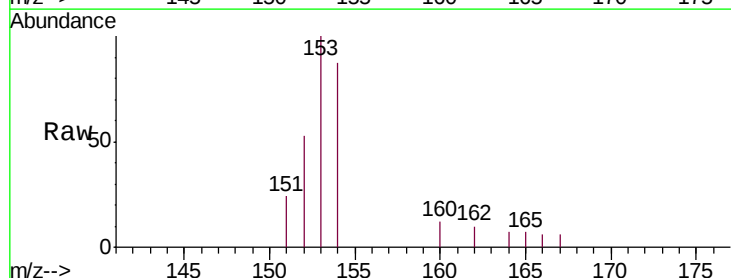
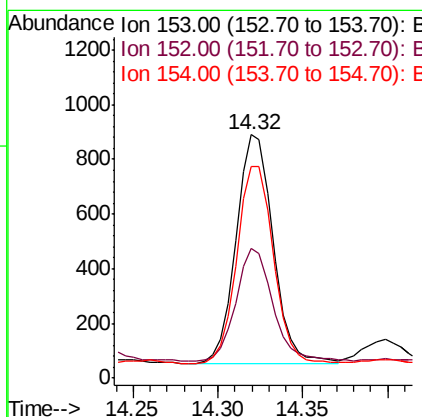
RT: 14.32 min Scan# 3067

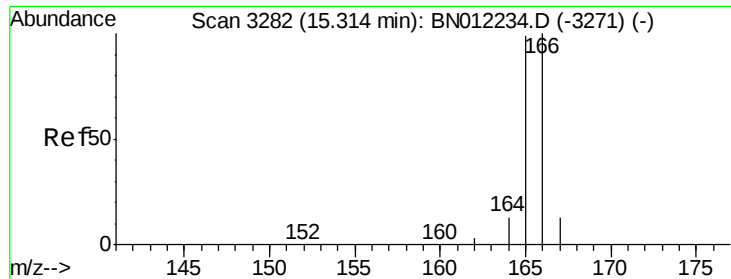
Delta R.T. -0.00 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Tgt Ion:	153	Resp:	1258
Ion Ratio	Lower	Upper	
153	100		
152	53.4	38.2	57.2
154	86.6	71.1	106.7





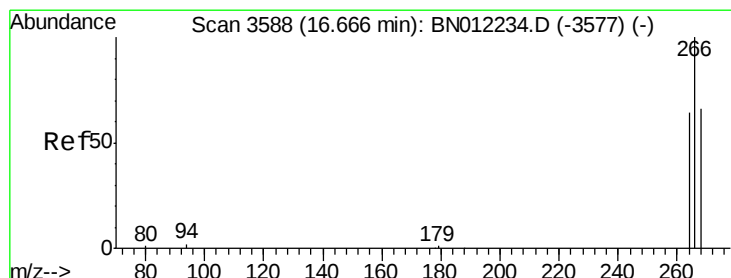
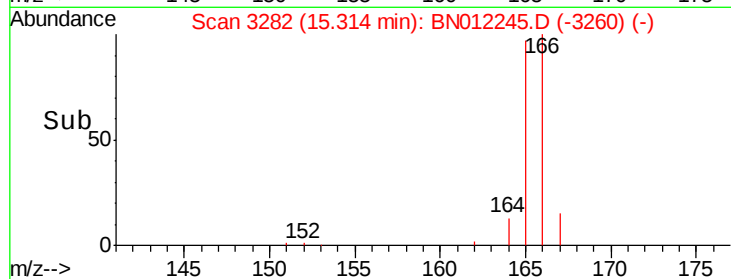
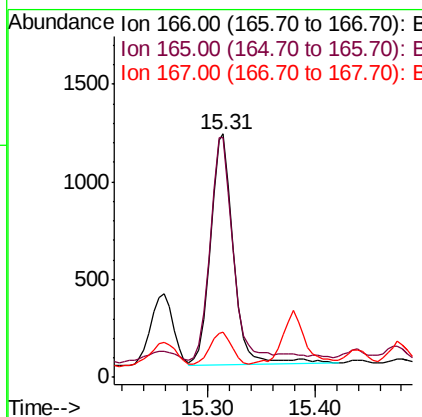
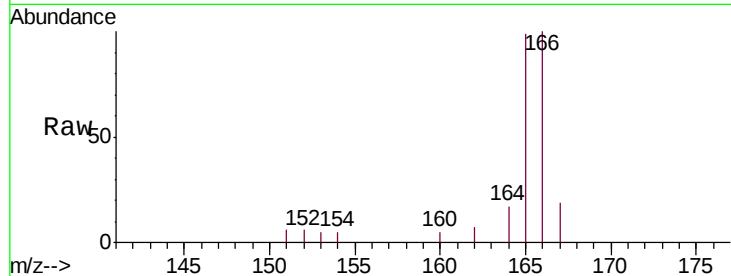
#9
Fluorene
 Concen: 0.108 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012245.D
 Acq: 15 Oct 2020 23:26

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	18.7	11.9	17.9

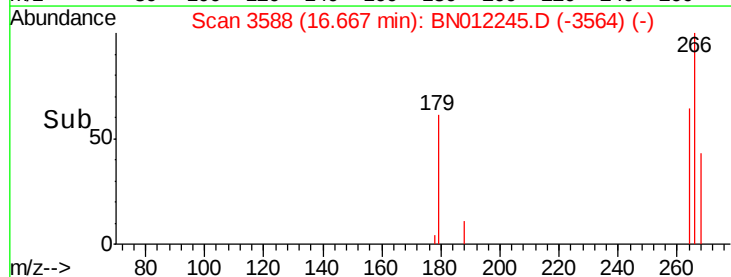
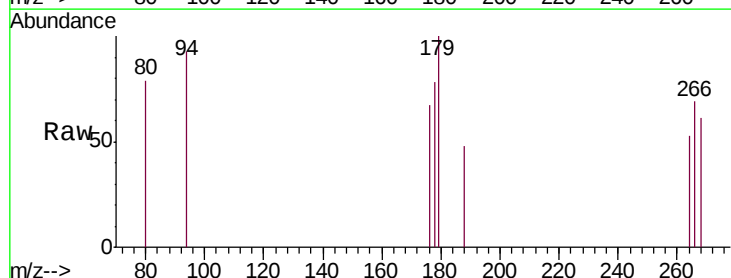
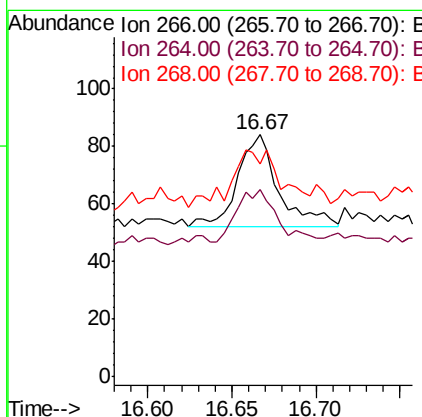
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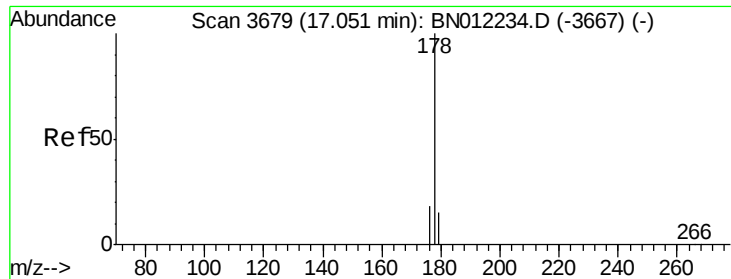
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#11
Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 16.67 min Scan# 3588
 Delta R.T. 0.00 min
 Lab File: BN012245.D
 Acq: 15 Oct 2020 23:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.4	50.3	75.5
268	58.2	52.4	78.6





#12

Phenanthrene

Concen: 1.197 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Instrument :

BNA_N

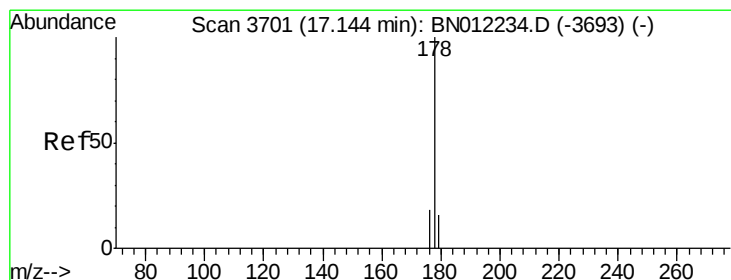
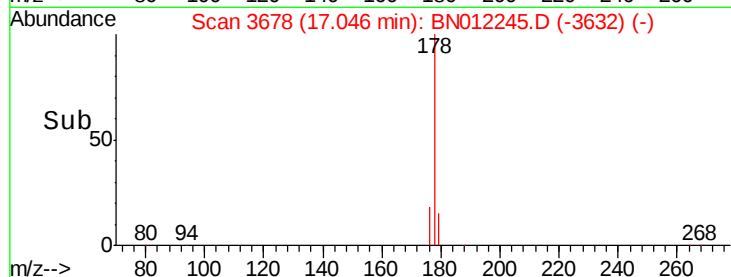
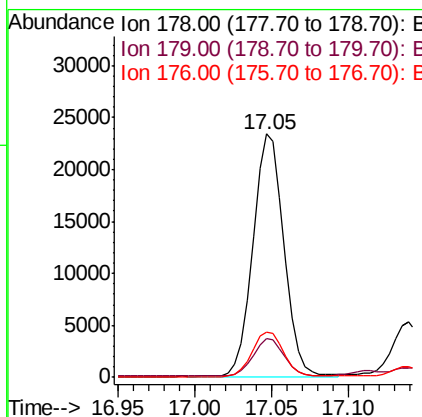
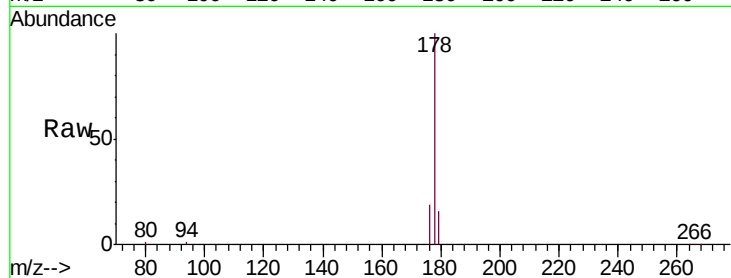
ClientSampleId :

C0AK4

Tgt Ion:	178	Resp:	32910
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.4	20.2
176	18.8	15.7	23.5

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#13

Anthracene

Concen: 0.299 ng/ul

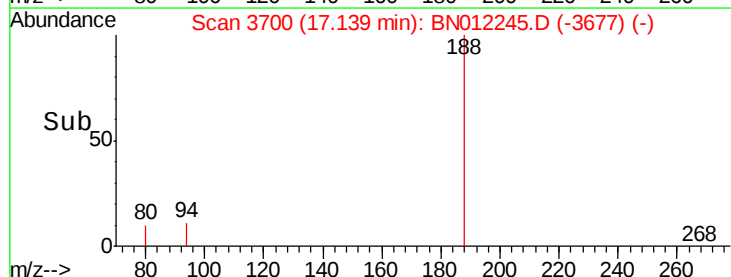
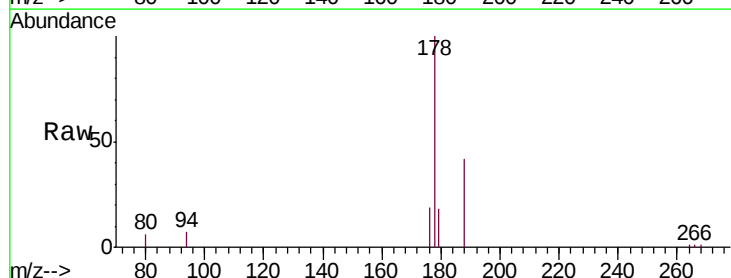
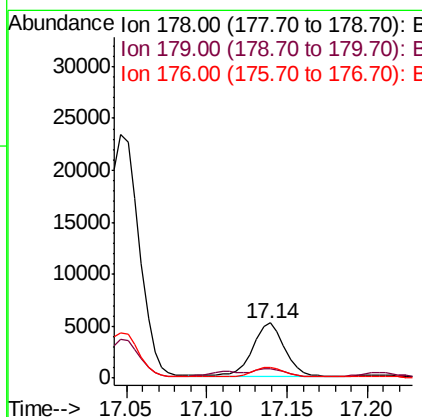
RT: 17.14 min Scan# 3700

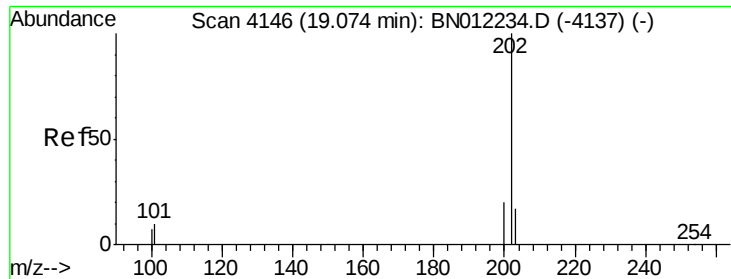
Delta R.T. -0.00 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Tgt Ion:	178	Resp:	7055
Ion Ratio	Lower	Upper	
178	100		
179	17.9	13.9	20.9
176	18.9	15.4	23.0





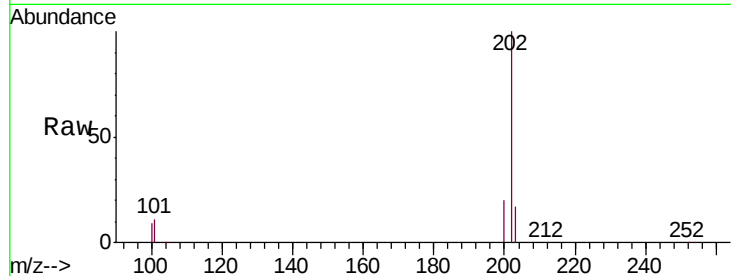
#15
Fluoranthene
Concen: 2.261 ng/ul
RT: 19.07 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN012245.D
Acq: 15 Oct 2020 23:26

Instrument :
BNA_N
ClientSampleId :
C0AK4

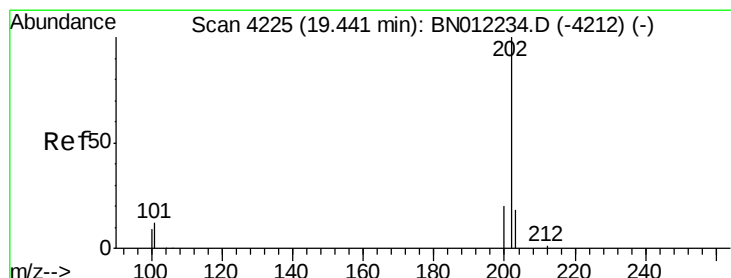
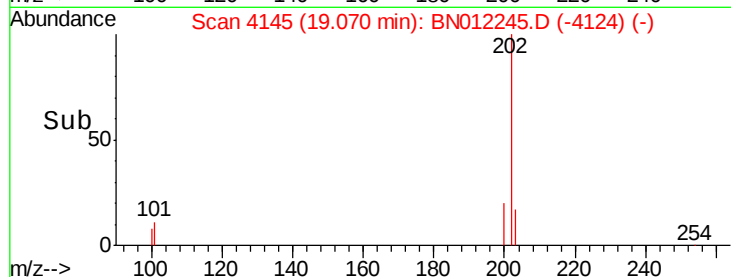
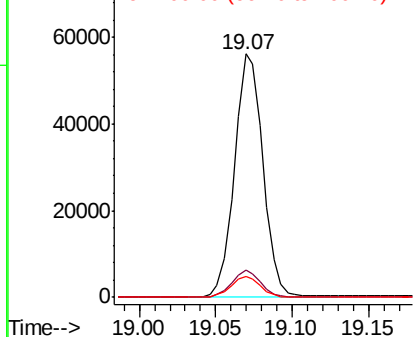
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.1	0.0	31.0
100	8.6	0.0	28.7

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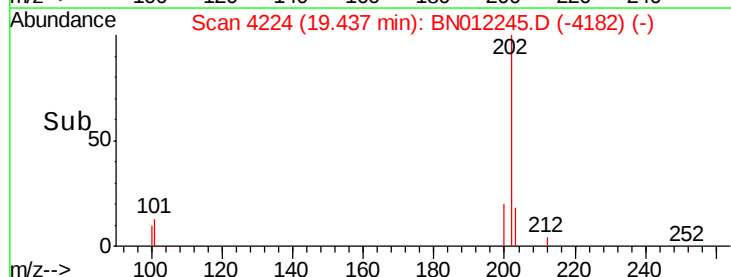
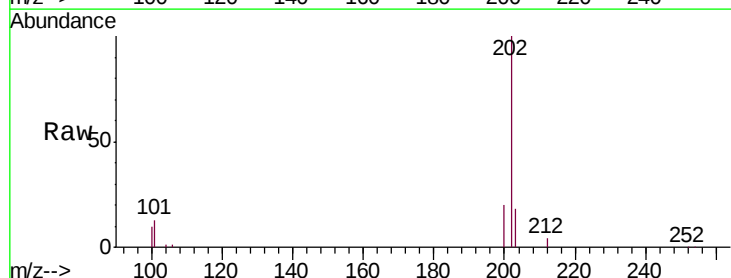
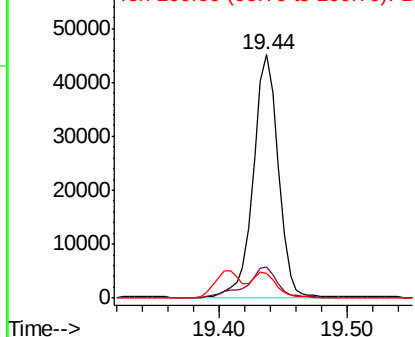
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

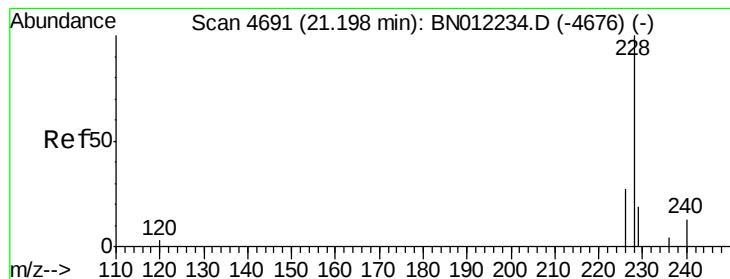


#17
Pyrene
Concen: 1.771 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012245.D
Acq: 15 Oct 2020 23:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	9.9	14.9
100	10.3	8.0	12.0

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





#18

Benzo(a)anthracene

Concen: 1.331 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.01 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Instrument :

BNA_N

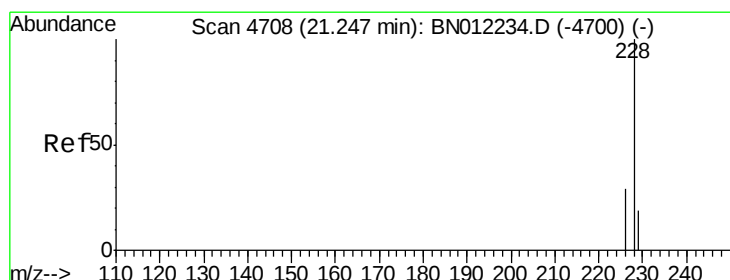
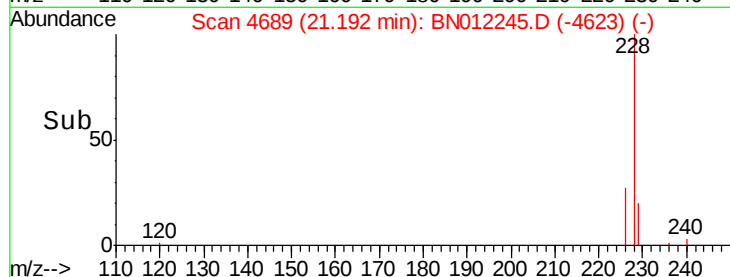
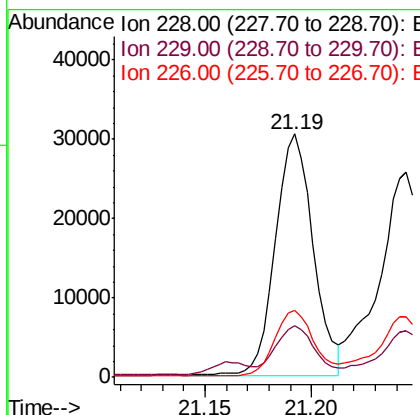
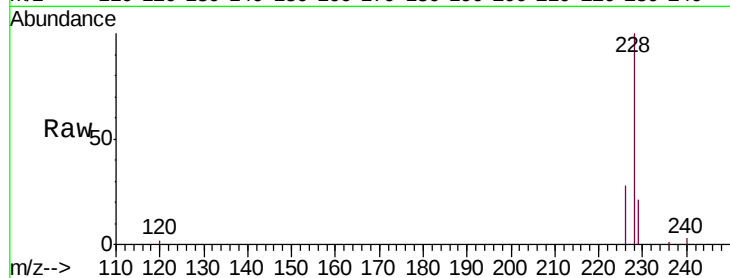
ClientSampleId :

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Tgt Ion:	228	Resp:	37374
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.8
226	27.6	22.6	33.8

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#19

Chrysene

Concen: 1.101 ng/ul

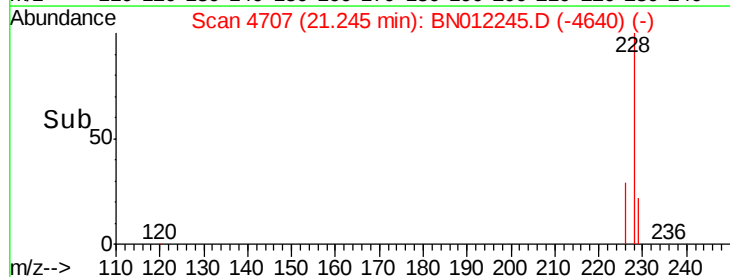
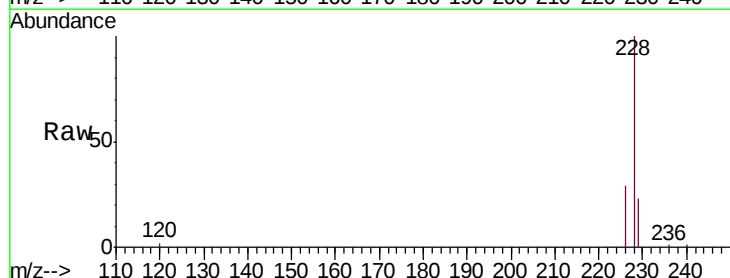
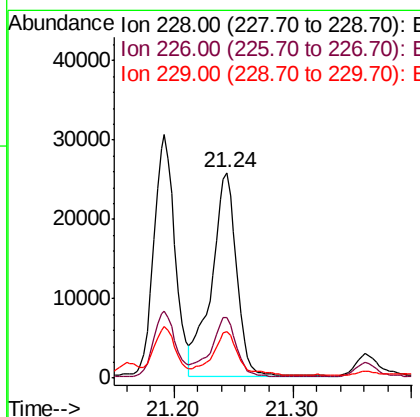
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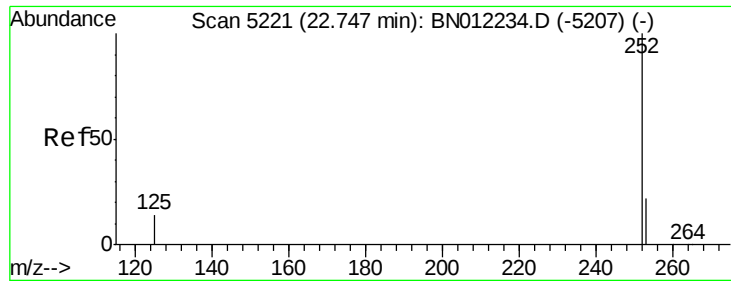
Delta R.T. -0.00 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Tgt Ion:	228	Resp:	37663
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.6	37.0
229	22.8	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 1.778 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.00 min

Lab File: BN012245.D

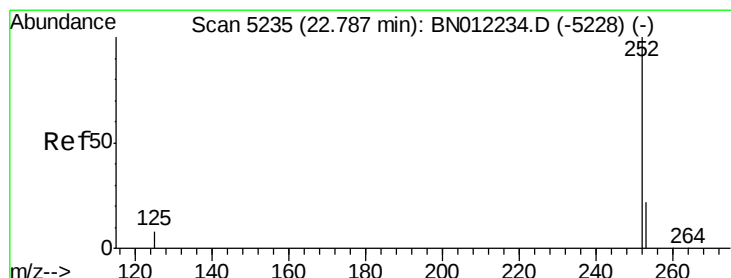
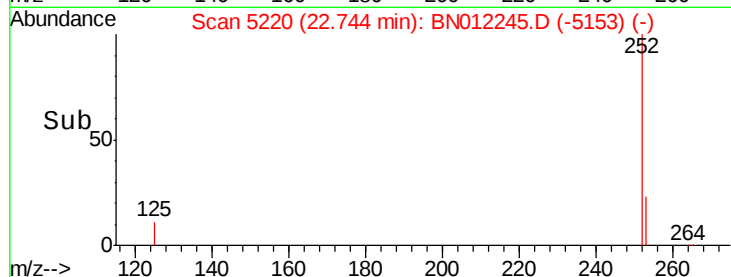
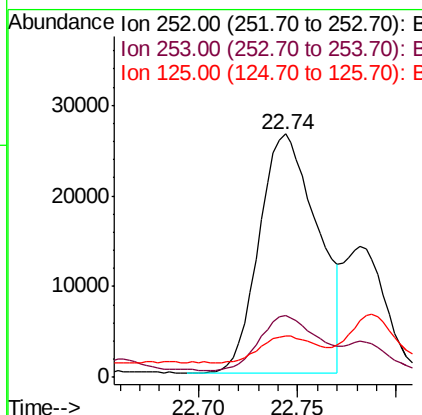
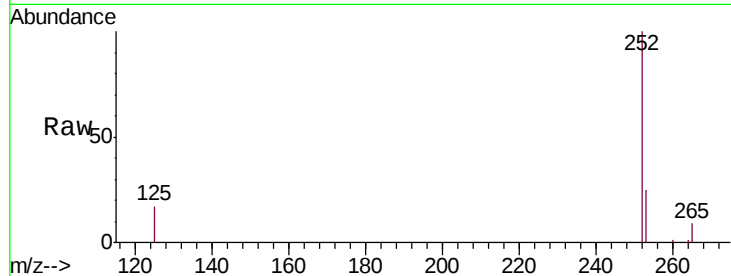
Acq: 15 Oct 2020 23:26

Instrument :
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C0AK4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	61.6
125	17.0	0.0	36.8

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#22

Benzo(k)fluoranthene

Concen: 0.615 ng/ul m

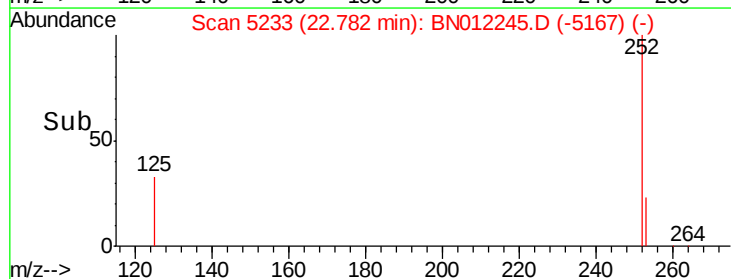
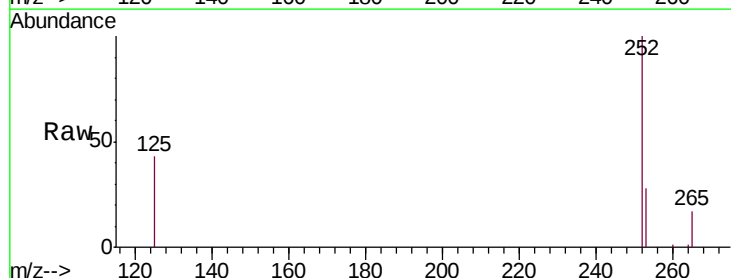
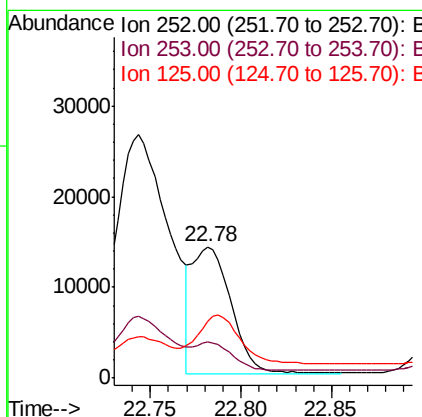
RT: 22.78 min Scan# 5233

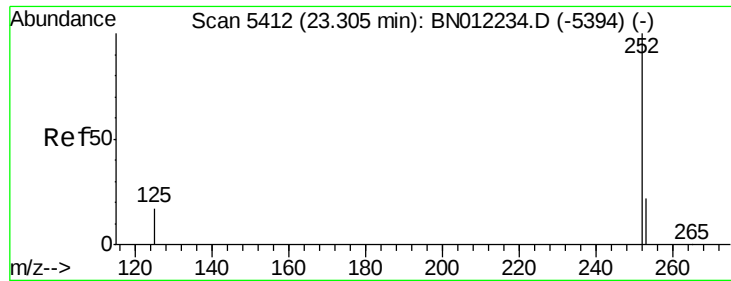
Delta R.T. -0.01 min

Lab File: BN012245.D

Acq: 15 Oct 2020 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	24.4	36.6
125	43.3	12.9	19.3#





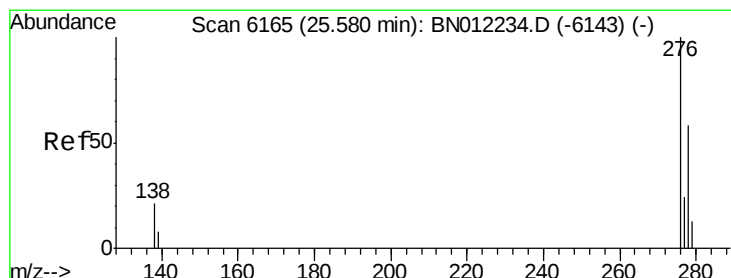
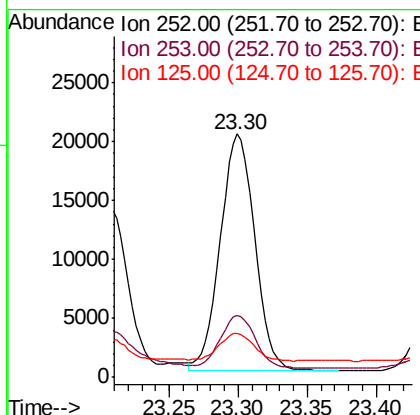
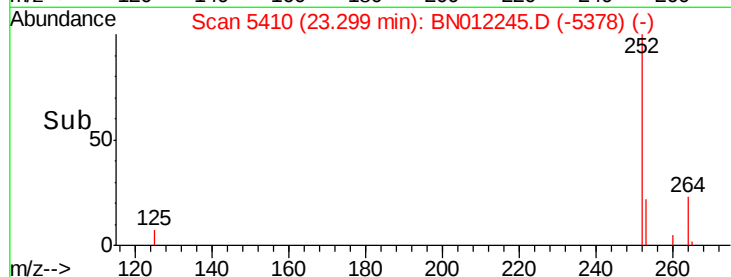
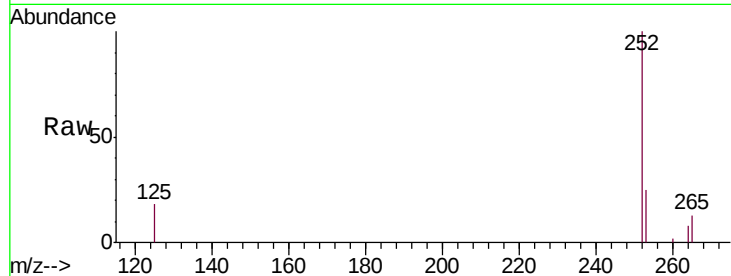
#23
Benzo(a)pyrene
Concen: 1.172 ng/ul
RT: 23.30 min Scan# 5410
Delta R.T. -0.01 min
Lab File: BN012245.D
Acq: 15 Oct 2020 23:26

Instrument :
BNA_N
ClientSampled :
C0AK4

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	27.0	40.4#
125	18.2	18.8	28.2#

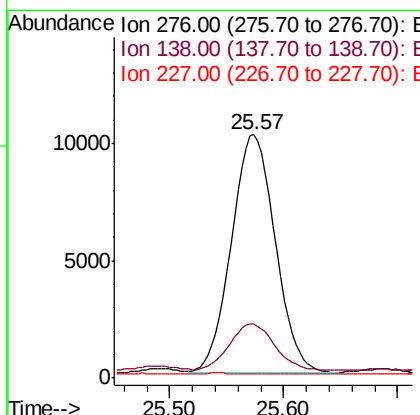
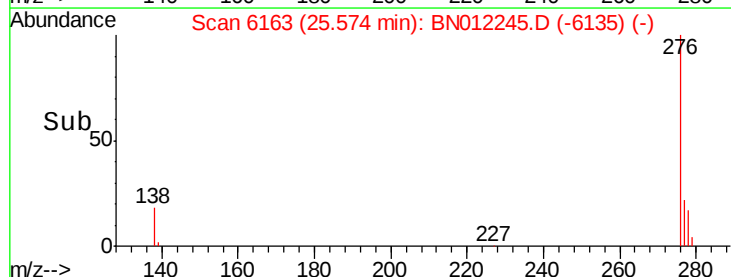
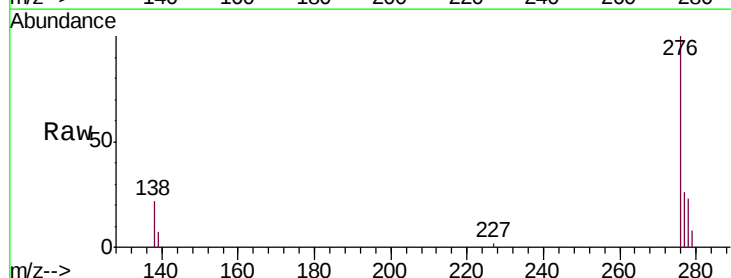
Manual Integrations
APPROVED

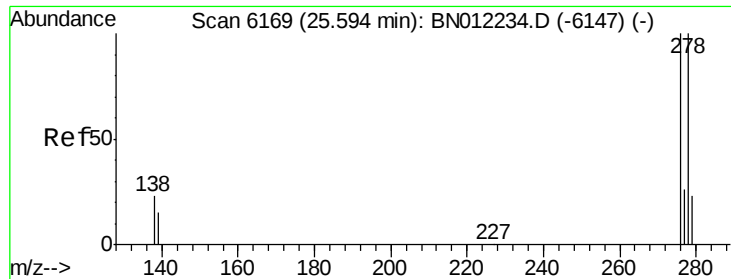
mohammad
10/19/2020 1:20:20 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.704 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.01 min
Lab File: BN012245.D
Acq: 15 Oct 2020 23:26

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	20.1	0.0	0.0#
227	0.0	0.0	0.0





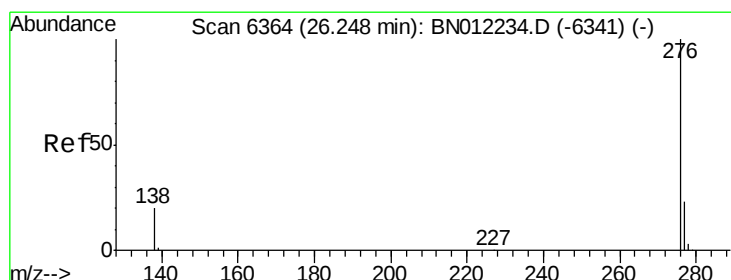
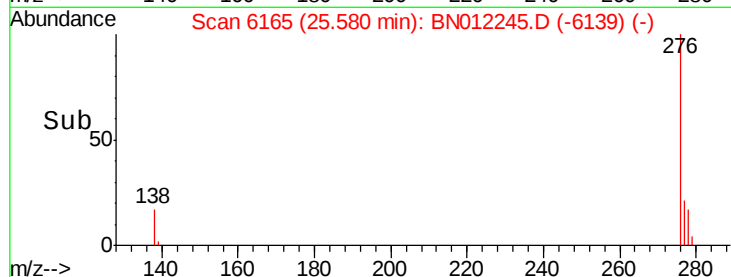
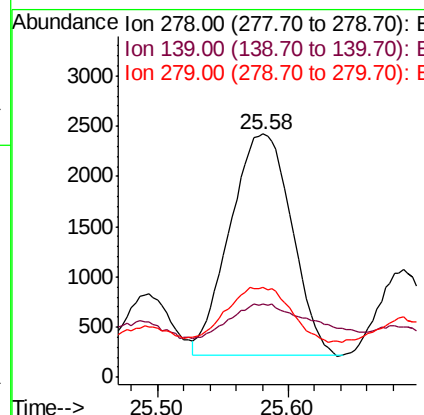
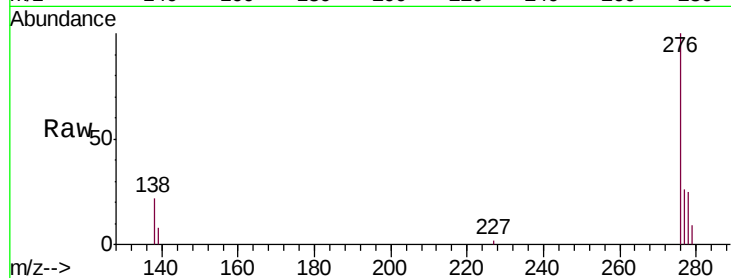
#25
Dibenzo(a,h)anthracene
Concen: 0.236 ng/u1
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN012245.D
Acq: 15 Oct 2020 23:26

Instrument :
BNA_N
ClientSampleId :
C0AK4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.2	15.7	23.5#
279	37.0	26.0	39.0

Manual Integrations
APPROVED

mohammad
10/19/2020 1:20:20 PM



#26
Benzo(g,h,i)perylene
Concen: 0.655 ng/u1
RT: 26.24 min Scan# 6363
Delta R.T. -0.00 min
Lab File: BN012245.D
Acq: 15 Oct 2020 23:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.1	25.7
277	25.4	21.1	31.7

