

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
 Data File : BN013234.D
 Acq On : 21 Dec 2020 10:47
 Operator : CG/JU
 Sample : L5151-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6

Manual Integrations
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Quant Time: Dec 21 11:20:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 21 10:25:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	680	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	2294	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	1320	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	2746m	0.40	ng/ul	0.00
16) Chrysene-d12	20.99	240	2083	0.40	ng/ul	0.00
20) Perylene-d12	23.08	264	2103	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.69	152	773	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1507	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.14	128	18303	2.757	ng/ul#	91
5) 2-Methylnaphthalene	11.77	142	15681	3.596	ng/ul	99
7) Acenaphthylene	13.71	152	5521	0.884	ng/ul	96
8) Acenaphthene	14.06	153	1601	0.312	ng/ul	96
9) Fluorene	15.06	166	2489	0.423	ng/ul#	95
12) Phenanthrene	16.80	178	94997	10.318	ng/ul	97
13) Anthracene	16.89	178	21318	2.721	ng/ul	95
15) Fluoranthene	18.84	202	298255	27.261	ng/ul	98
17) Pyrene	19.20	202	239367	24.329	ng/ul	98
18) Benzo(a)anthracene	20.98	228	156849	18.200	ng/ul	99
19) Chrysene	21.03	228	165167	17.346	ng/ul	99
21) Benzo(b)fluoranthene	22.47	252	283002m	29.088	ng/ul	
22) Benzo(k)fluoranthene	22.50	252	94098m	8.750	ng/ul	
23) Benzo(a)pyrene	22.99	252	191254m	21.186	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.11	276	161135	13.589	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.12	278	37860	4.037	ng/ul	94
26) Benzo(a,h,i)perylene	25.73	276	134073	12.500	ng/ul	96

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

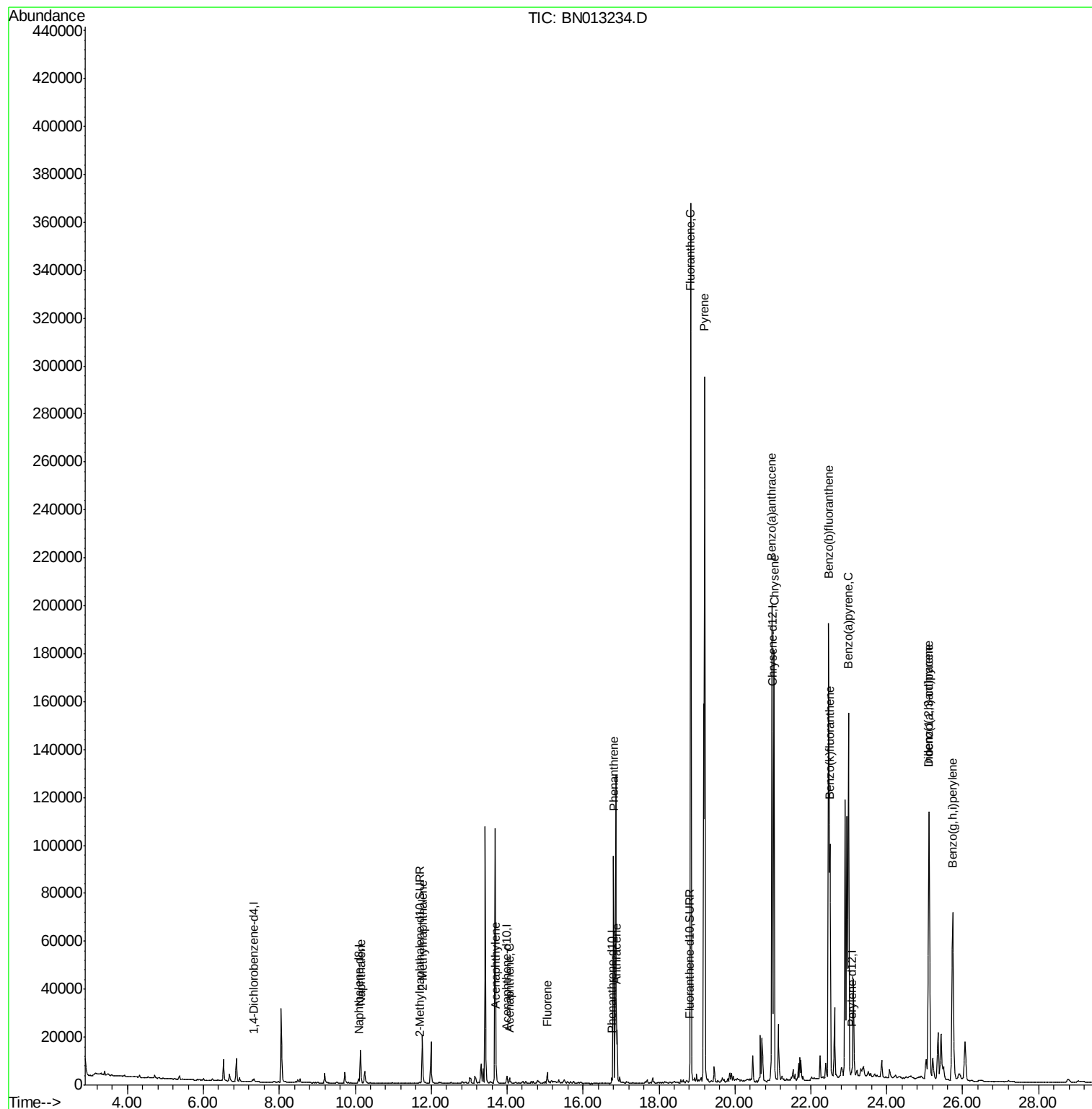
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
Data File : BN013234.D
Acq On : 21 Dec 2020 10:47
Operator : CG/JU
Sample : L5151-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

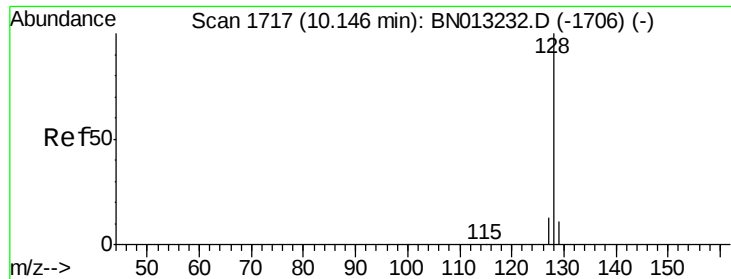
Instrument :
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Quant Time: Dec 21 11:20:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 21 10:25:14 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.757 ng/ul

RT: 10.14 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Instrument :

BNA_N

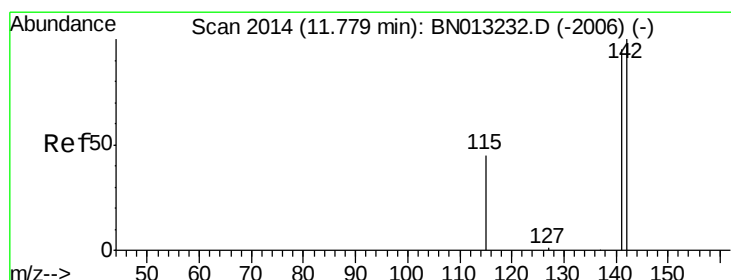
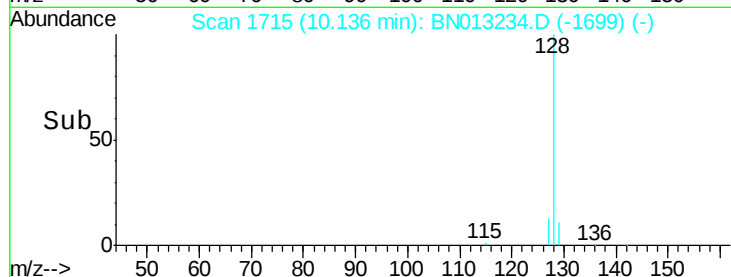
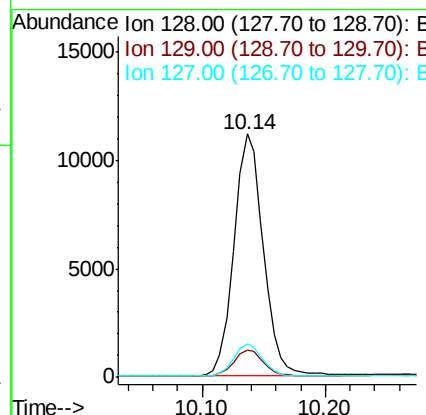
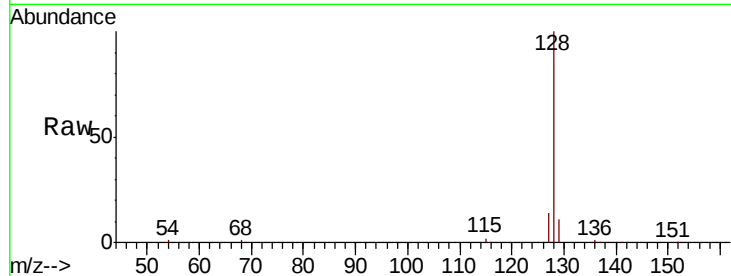
ClientSampleId :

C0AE6

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	12.3	18.5#
127	13.8	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 3.596 ng/ul

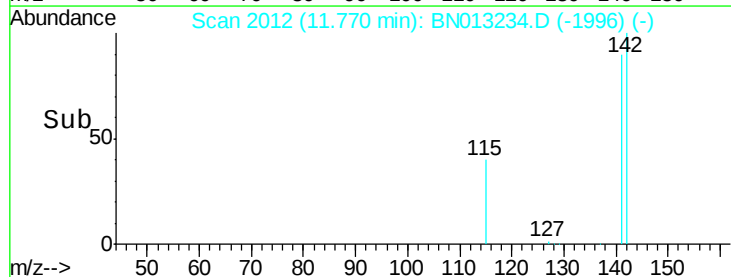
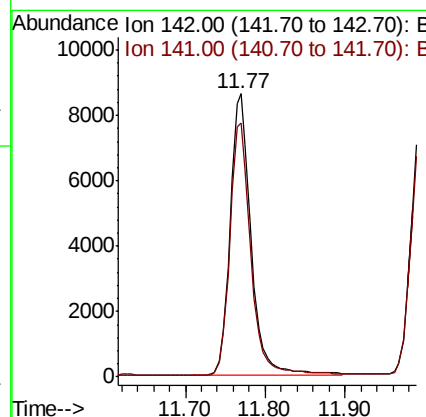
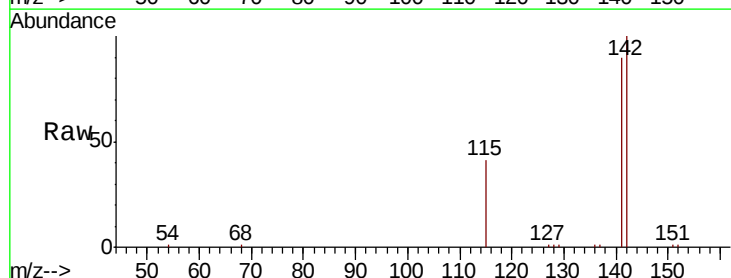
RT: 11.77 min Scan# 2012

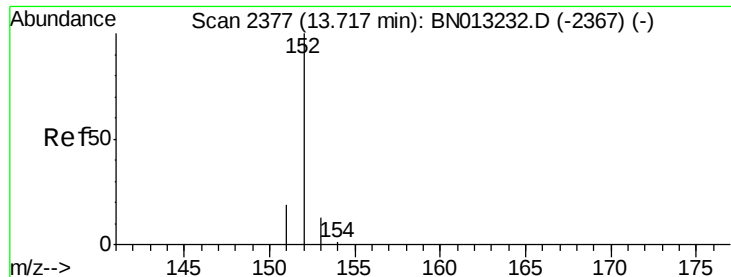
Delta R.T. -0.01 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.0	109.6





#7

Acenaphthylene

Concen: 0.884 ng/ul

RT: 13.71 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Instrument :

BNA_N

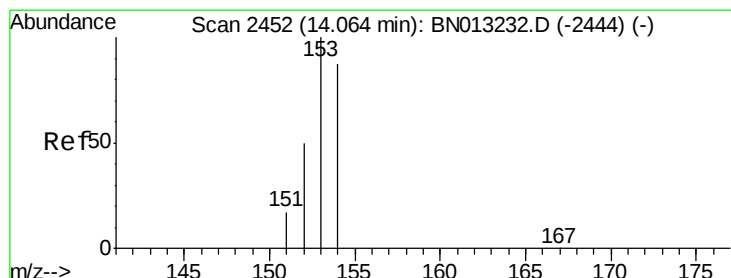
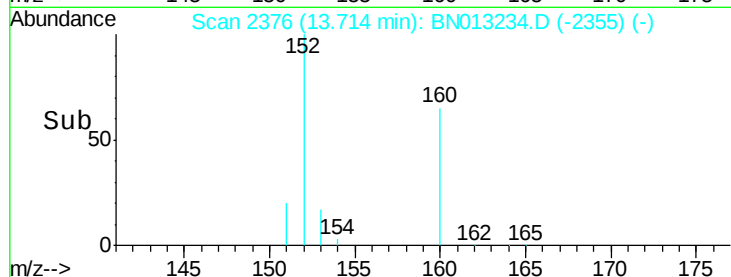
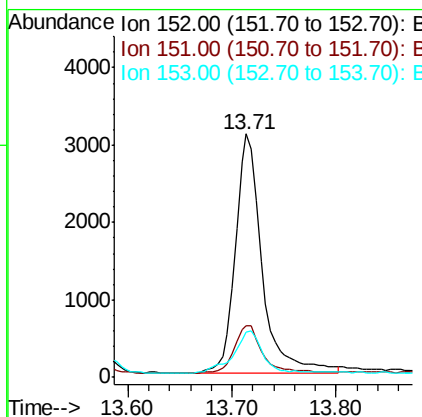
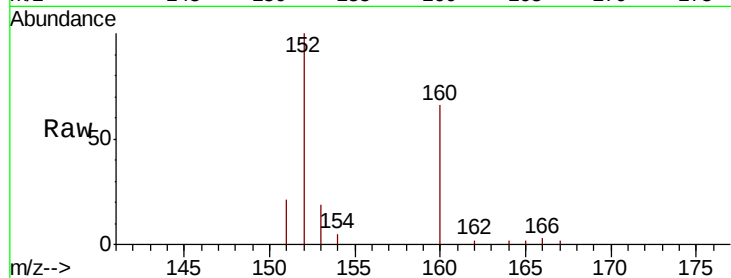
ClientSampleId :

C0AE6

Tot Ion:	152	Resp:	5521
Ion Ratio	Lower	Upper	
152	100		
151	21.4	18.2	27.4
153	18.6	13.1	19.7

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#8

Acenaphthene

Concen: 0.312 ng/ul

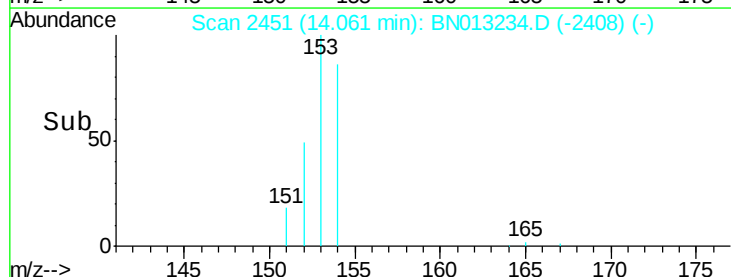
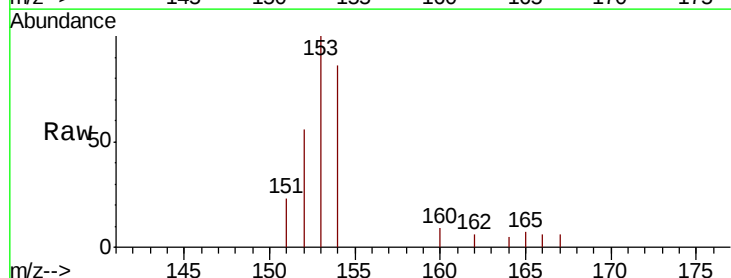
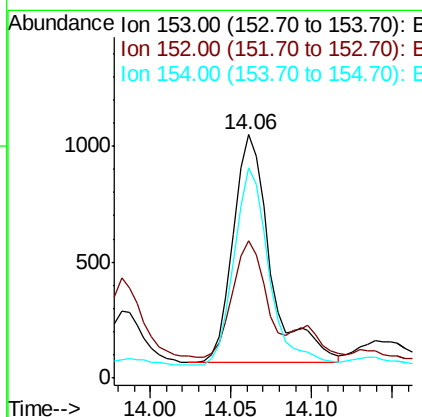
RT: 14.06 min Scan# 2451

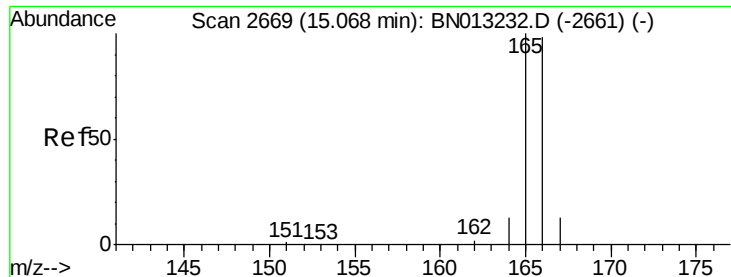
Delta R.T. -0.00 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Tgt Ion:	153	Resp:	1601
Ion Ratio	Lower	Upper	
153	100		
152	56.2	40.7	61.1
154	86.4	70.8	106.2





#9

Fluorene

Concen: 0.423 ng/ul

RT: 15.06 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Instrument :

BNA_N

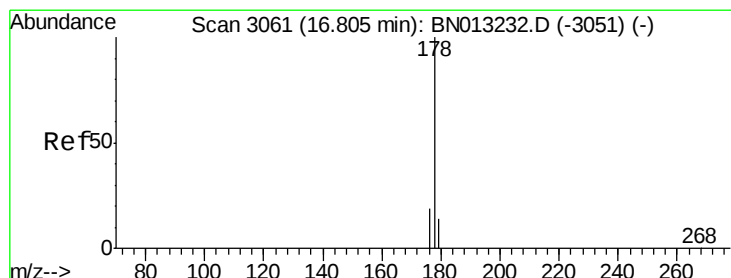
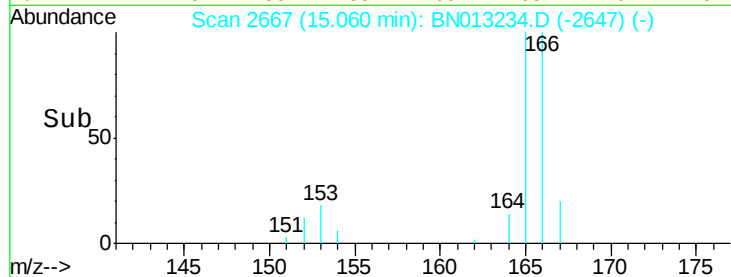
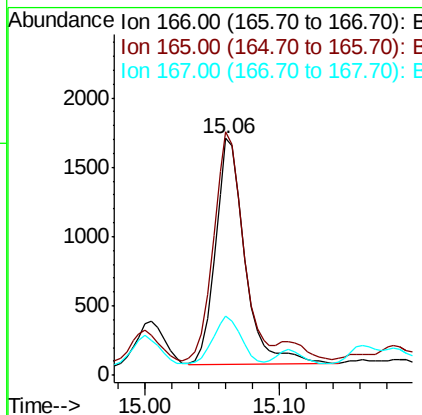
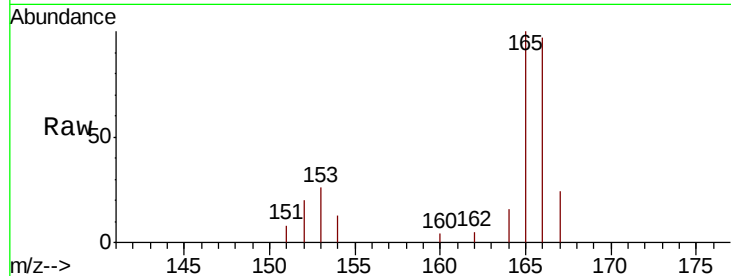
ClientSampleId :

C0AE6

Tot Ion:	166	Resp:	2489
Ion Ratio	Lower	Upper	
166	100		
165	102.8	79.8	119.8
167	25.0	13.8	20.8

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#12

Phenanthrene

Concen: 10.318 ng/ul

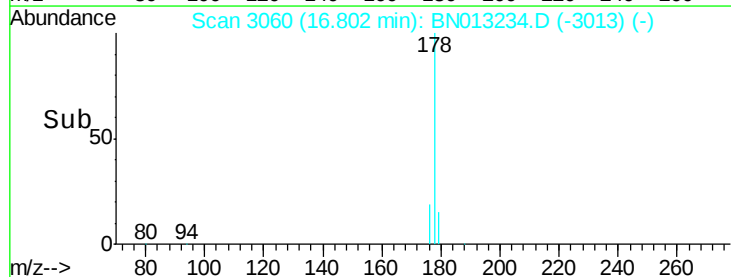
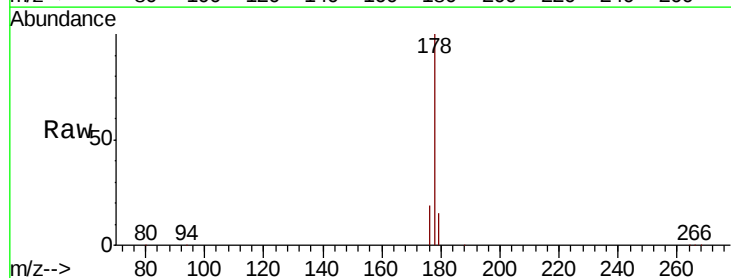
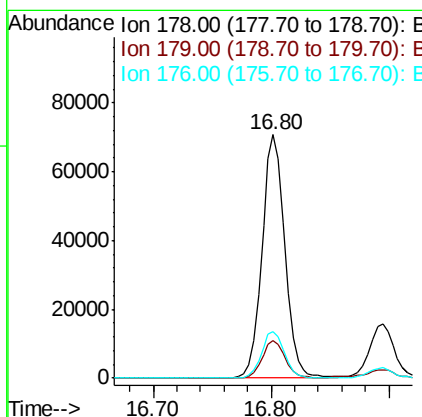
RT: 16.80 min Scan# 3060

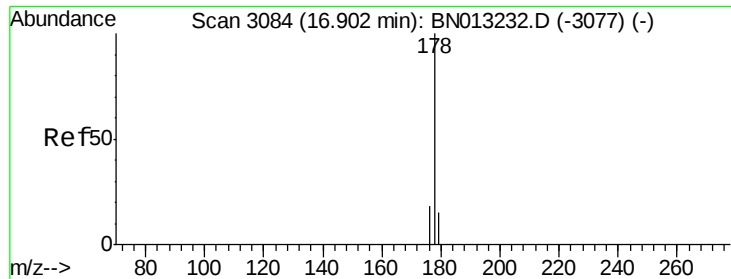
Delta R.T. -0.00 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Tgt Ion:	178	Resp:	94997
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.6	20.4
176	19.3	16.4	24.6





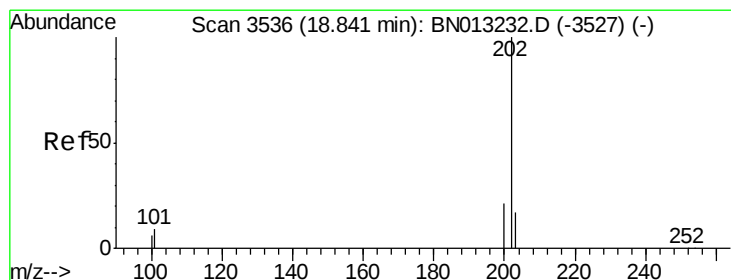
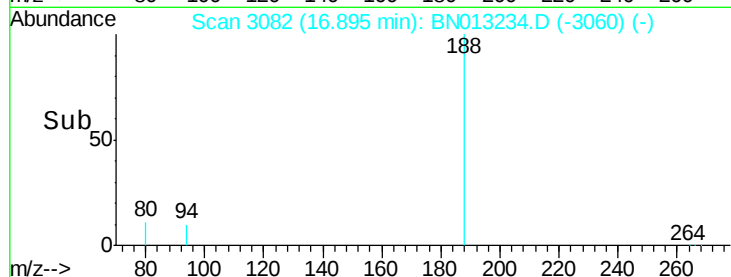
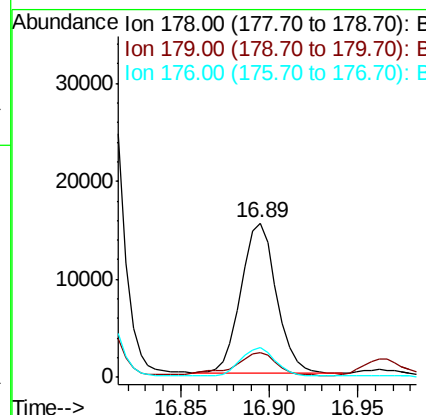
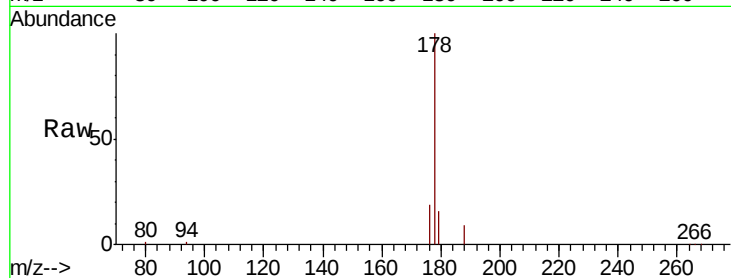
#13
 Anthracene
 Concen: 2.721 ng/ul
 RT: 16.89 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BN013234.D
 Acq: 21 Dec 2020 10:47

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.6	21.8
176	19.0	17.1	25.7

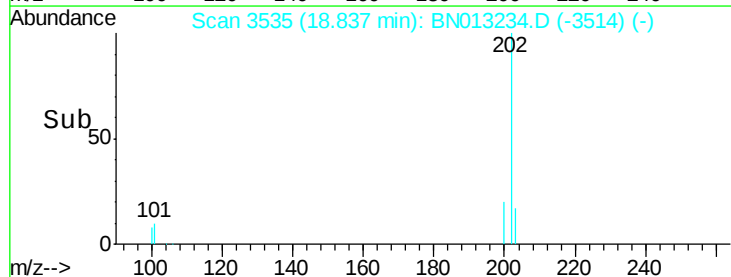
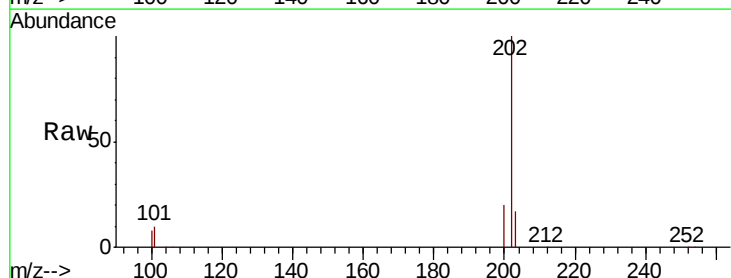
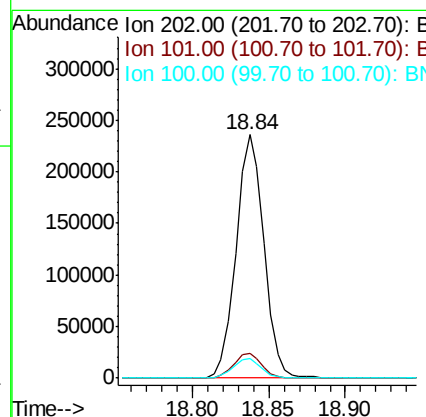
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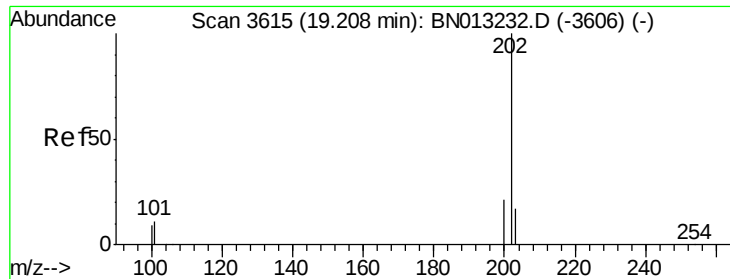
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#15
 Fluoranthene
 Concen: 27.261 ng/ul
 RT: 18.84 min Scan# 3535
 Delta R.T. -0.00 min
 Lab File: BN013234.D
 Acq: 21 Dec 2020 10:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.6
100	7.8	0.0	28.7





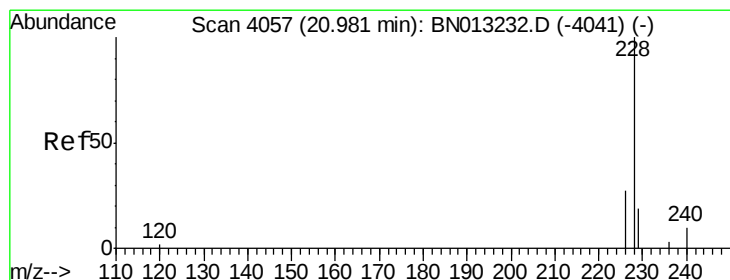
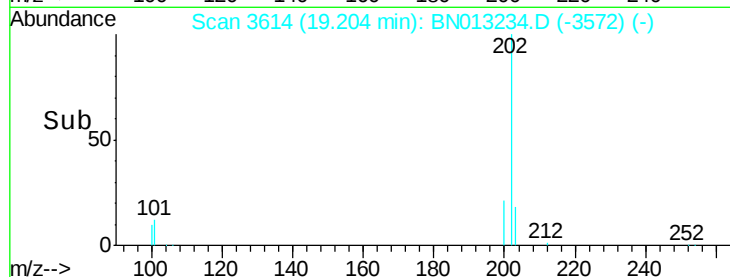
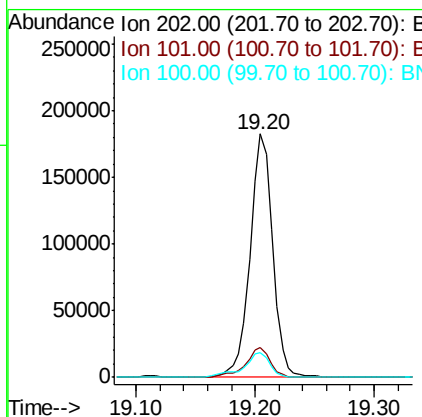
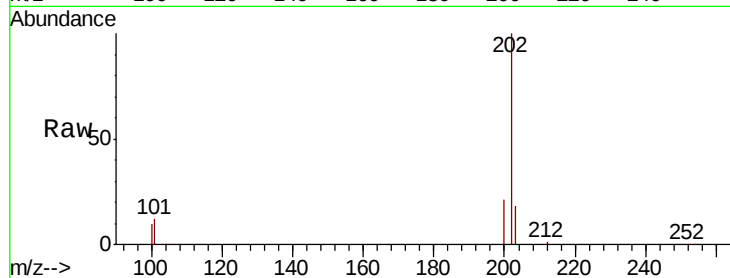
#17
Pvrene
Concen: 24.329 ng/ul
RT: 19.20 min Scan# 3614
Delta R.T. -0.00 min
Lab File: BN013234.D
Acq: 21 Dec 2020 10:47

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	9.1	13.7
100	10.1	7.5	11.3

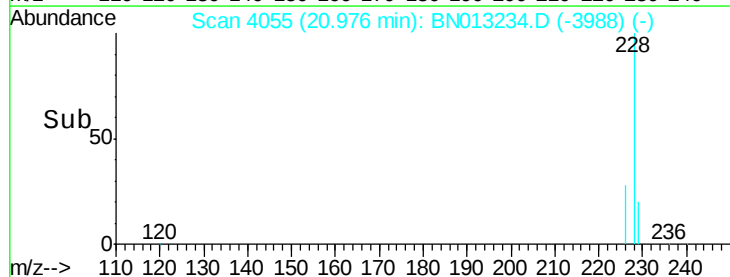
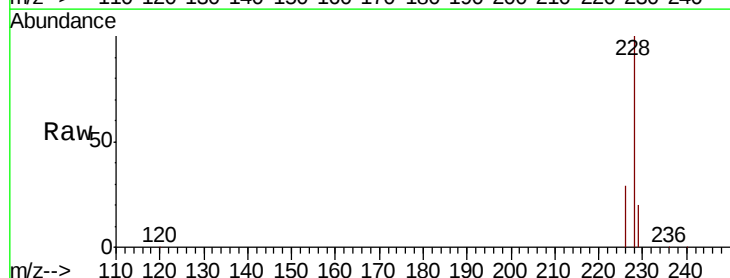
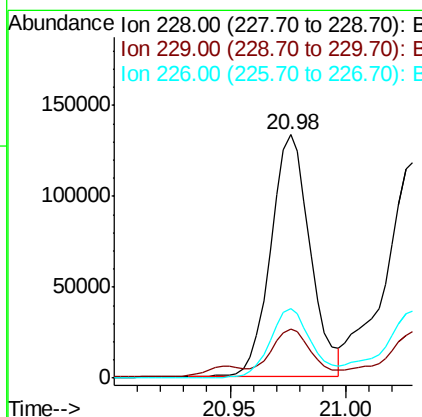
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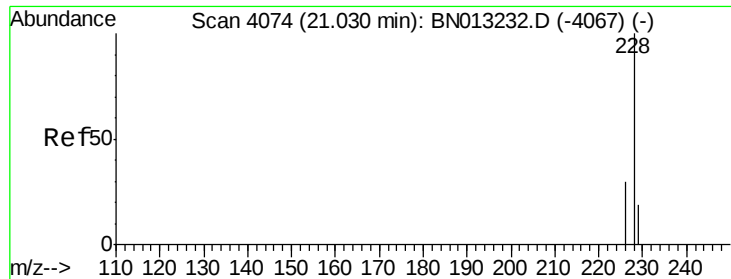
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#18
Benzo(a)anthracene
Concen: 18.200 ng/ul
RT: 20.98 min Scan# 4055
Delta R.T. -0.00 min
Lab File: BN013234.D
Acq: 21 Dec 2020 10:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	16.3	24.5
226	28.7	23.4	35.2





#19

Chrysene

Concen: 17.346 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. -0.00 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Instrument :

BNA_N

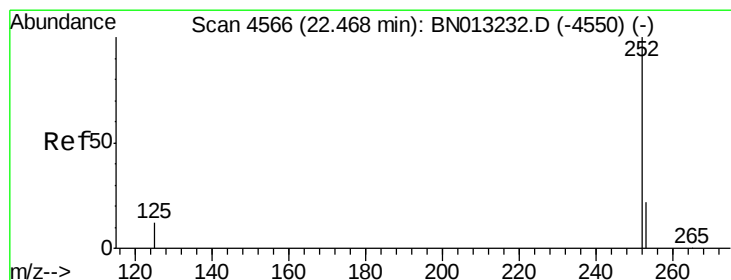
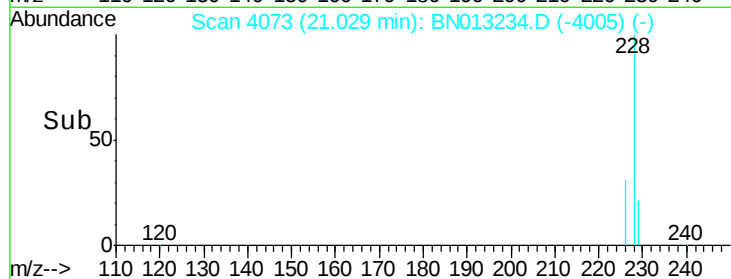
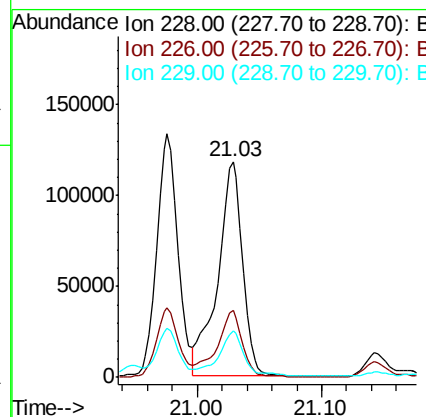
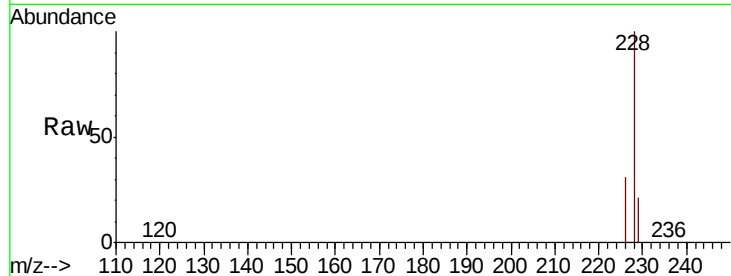
ClientSampleId :

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Tot Ion:	228	Resp:	165167
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	21.3	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 29.088 ng/ul m

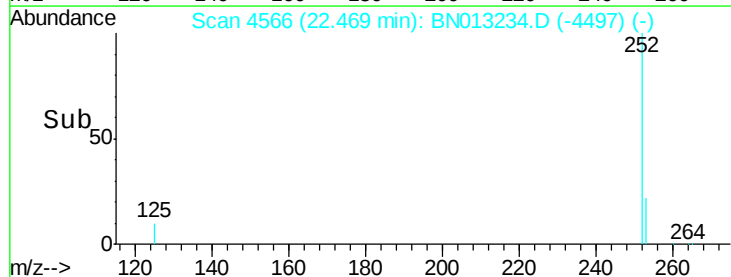
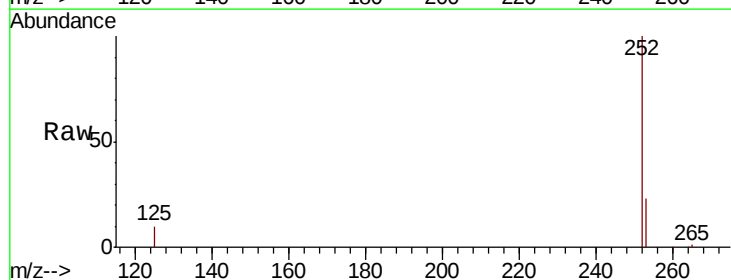
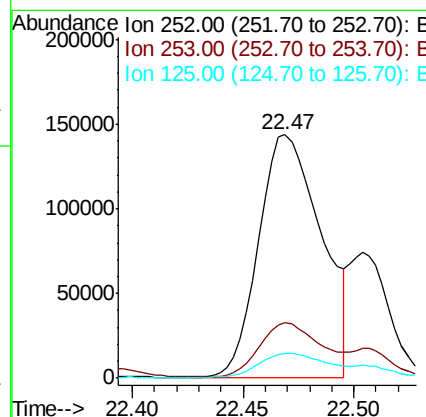
RT: 22.47 min Scan# 4566

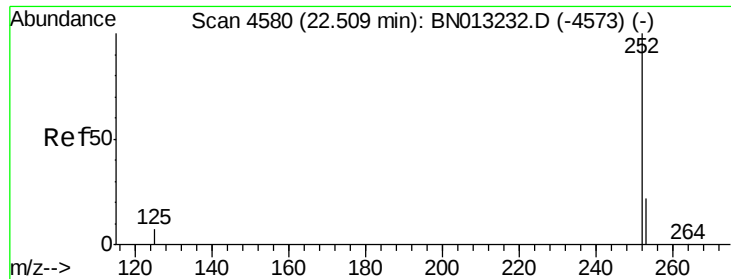
Delta R.T. 0.00 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Tgt Ion:	252	Resp:	283002
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	59.6
125	10.2	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 8.750 ng/ul m

RT: 22.50 min Scan# 4578

Delta R.T. -0.00 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Instrument :

BNA_N

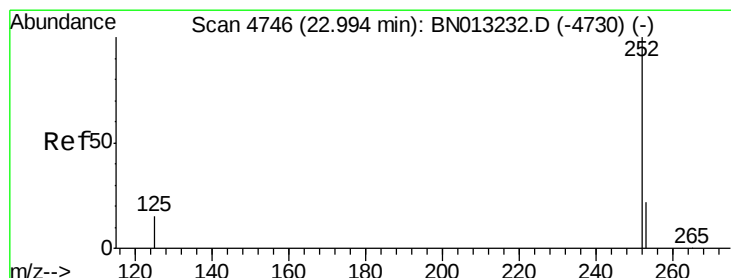
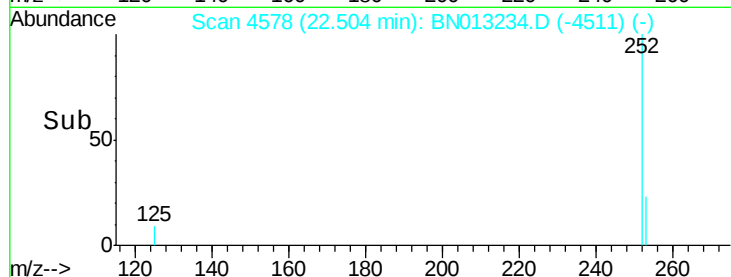
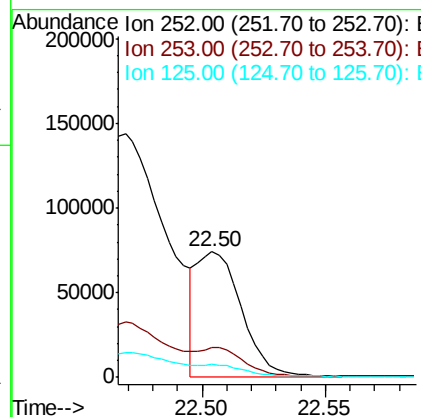
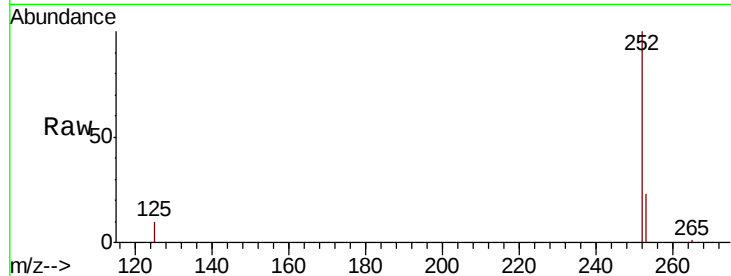
ClientSampleId :

C0AE6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	23.4	35.2
125	10.1	11.1	16.7

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#23

Benzo(a)pyrene

Concen: 21.186 ng/ul m

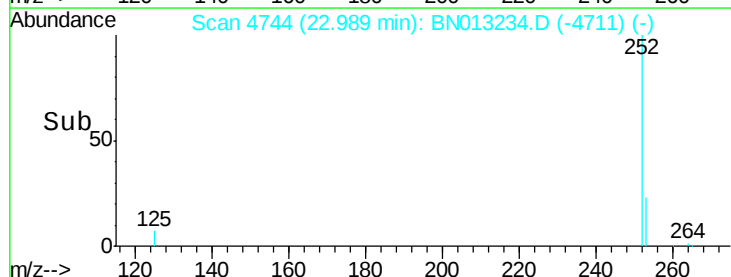
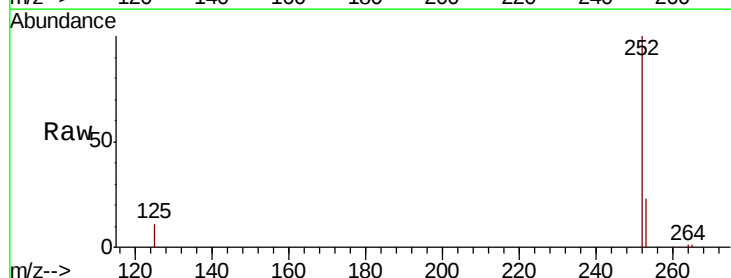
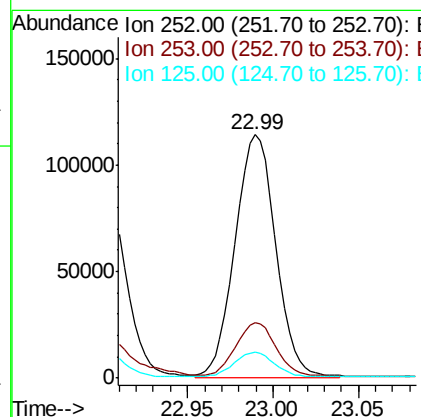
RT: 22.99 min Scan# 4744

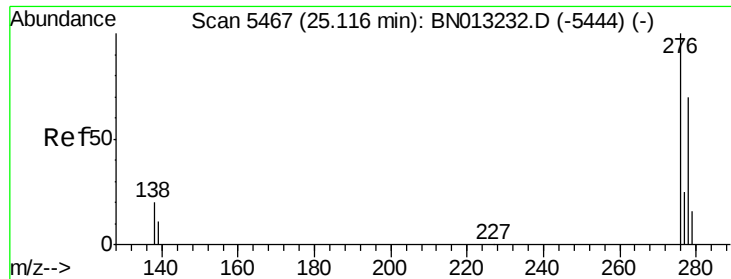
Delta R.T. -0.00 min

Lab File: BN013234.D

Acq: 21 Dec 2020 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	26.5	39.7
125	10.6	14.2	21.2





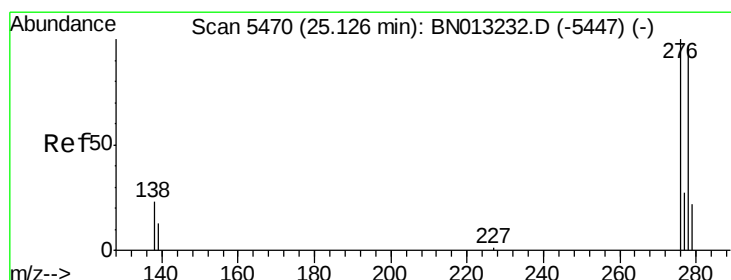
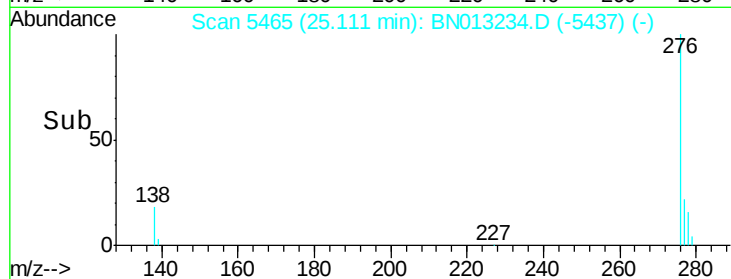
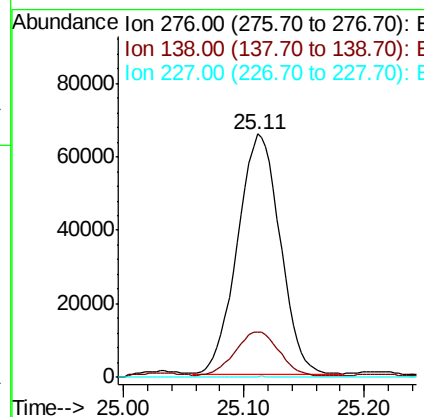
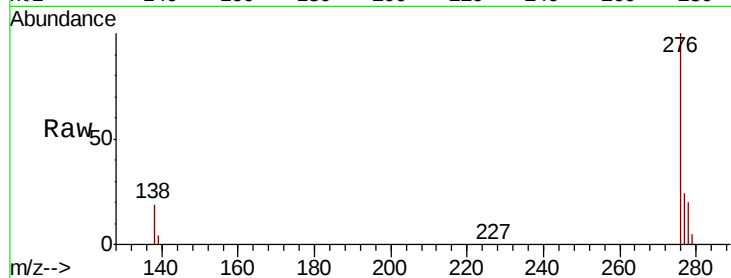
#24
Indeno(1,2,3-cd)pyrene
Concen: 13.589 ng/uL
RT: 25.11 min Scan# 5465
Delta R.T. -0.01 min
Lab File: BN013234.D
Acq: 21 Dec 2020 10:47

Instrument :
BNA_N
ClientSampleId :
C0AE6

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.2	24.2
227	0.2	0.0	0.0

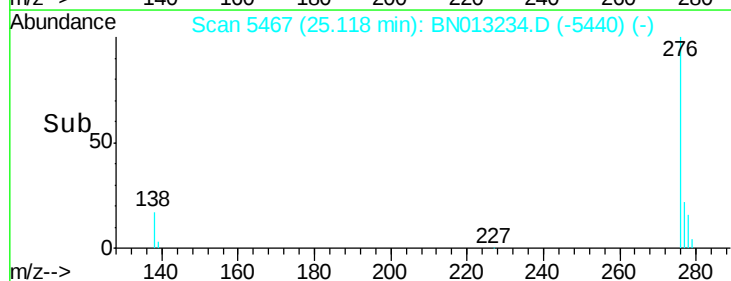
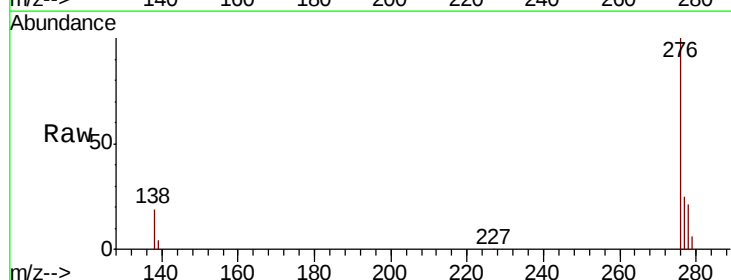
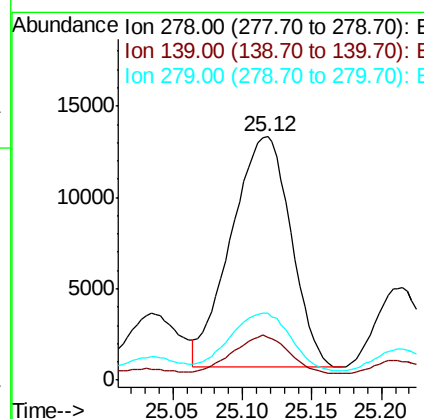
Manual Integrations
APPROVED

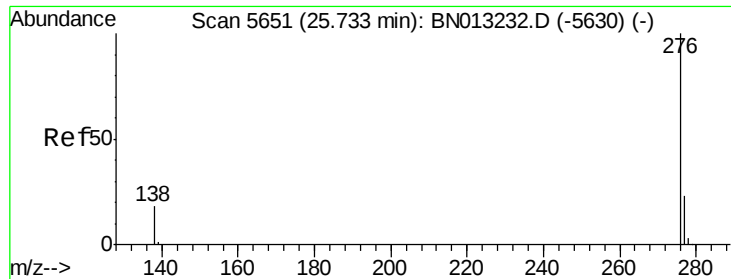
mohammad
12/22/2020 2:39:26 PM



#25
Dibenzo(a,h)anthracene
Concen: 4.037 ng/uL
RT: 25.12 min Scan# 5467
Delta R.T. -0.01 min
Lab File: BN013234.D
Acq: 21 Dec 2020 10:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.5	21.7
279	27.8	26.3	39.5





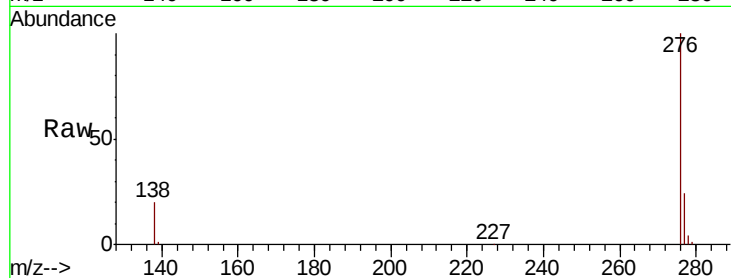
#26
 Benzo(a,h,i)perylene
 Concen: 12.500 ng/ul
 RT: 25.73 min Scan# 5651
 Delta R.T. 0.00 min
 Lab File: BN013234.D
 Acq: 21 Dec 2020 10:47

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.7	16.3	24.5
277	24.1	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/22/2020 2:39:26 PM



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

