

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
 Data File : BN013233.D
 Acq On : 21 Dec 2020 10:11
 Operator : CG/JU
 Sample : L5151-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE5

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Quant Time: Dec 21 11:03:02 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	555	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	1950	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	1197	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	2561m	0.40	ng/ul	0.00
16) Chrysene-d12	20.99	240	2215	0.40	ng/ul	0.00
20) Perylene-d12	23.08	264	1985	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.69	152	747	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1832	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.14	128	15188	2.692	ng/ul#	91
5) 2-Methylnaphthalene	11.76	142	14236	3.841	ng/ul	99
7) Acenaphthylene	13.71	152	4796	0.847	ng/ul	96
8) Acenaphthene	14.06	153	1255	0.270	ng/ul	97
9) Fluorene	15.06	166	1513	0.284	ng/ul#	91
11) Pentachlorophenol	16.43	266	40	0.054	ng/ul	97
12) Phenanthrene	16.80	178	42913	4.998	ng/ul	97
13) Anthracene	16.89	178	8864	1.213	ng/ul	97
15) Fluoranthene	18.84	202	109515	10.733	ng/ul	97
17) Pyrene	19.20	202	98554	9.420	ng/ul	100
18) Benzo(a)anthracene	20.98	228	65898	7.191	ng/ul	99
19) Chrysene	21.03	228	72845	7.194	ng/ul	99
21) Benzo(b)fluoranthene	22.47	252	126546m	13.780	ng/ul	
22) Benzo(k)fluoranthene	22.50	252	44811m	4.415	ng/ul	
23) Benzo(a)pyrene	22.99	252	85859m	10.076	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.11	276	70696	6.316	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.11	278	17303	1.955	ng/ul	95
26) Benzo(g,h,i)perylene	25.73	276	60487	5.974	ng/ul	97

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

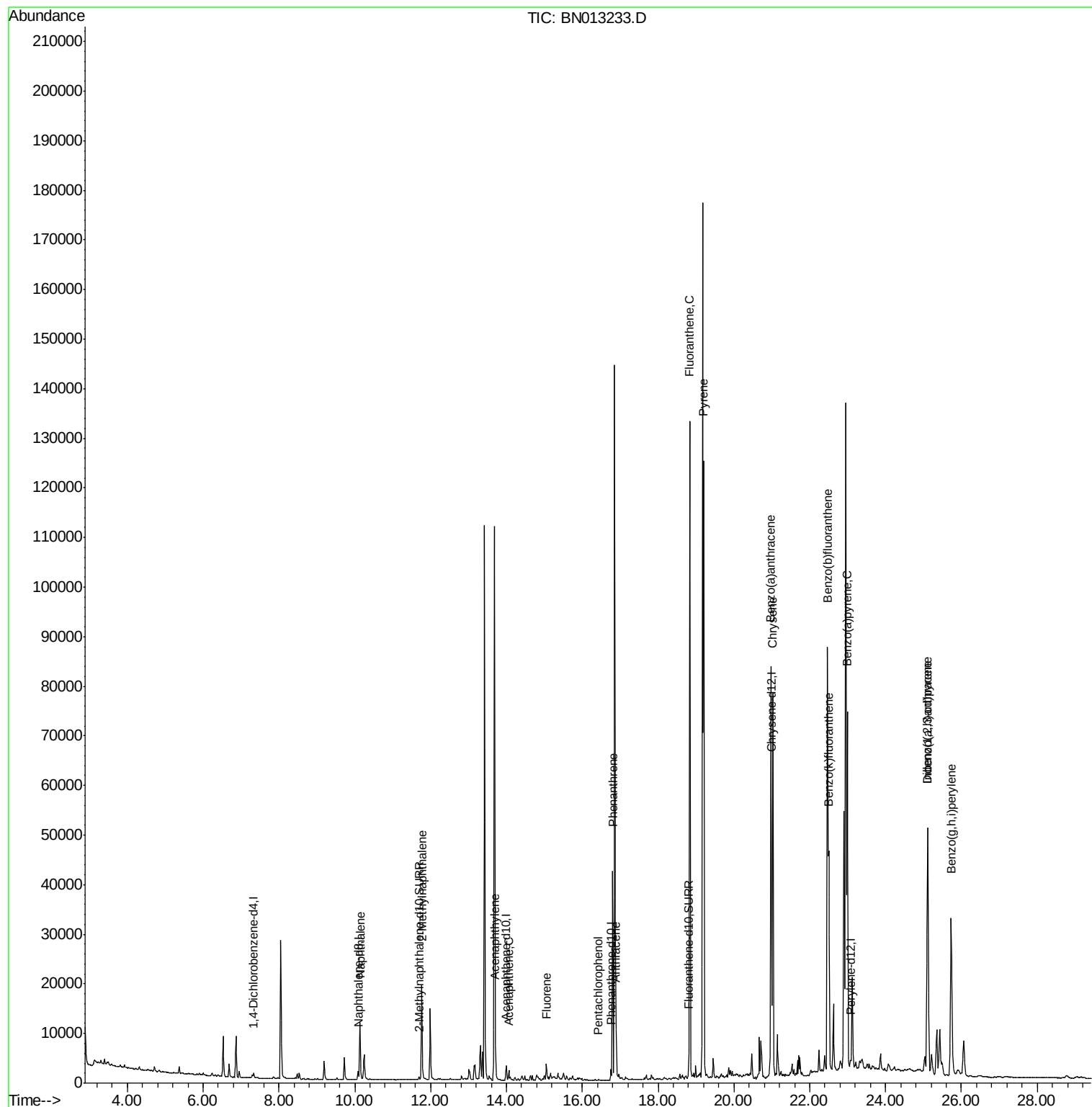
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
Data File : BN013233.D
Acq On : 21 Dec 2020 10:11
Operator : CG/JU
Sample : L5151-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

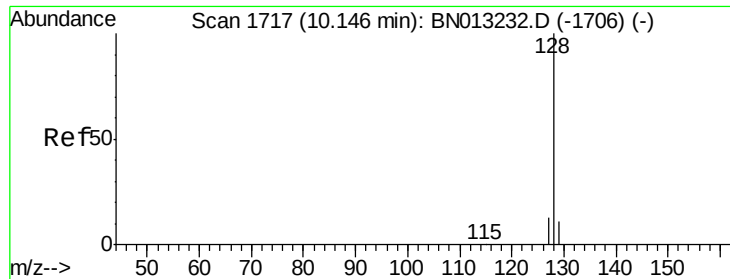
Instrument :
BNA_N
ClientSampleId :
C0AE5

Quant Time: Dec 21 11:03:02 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
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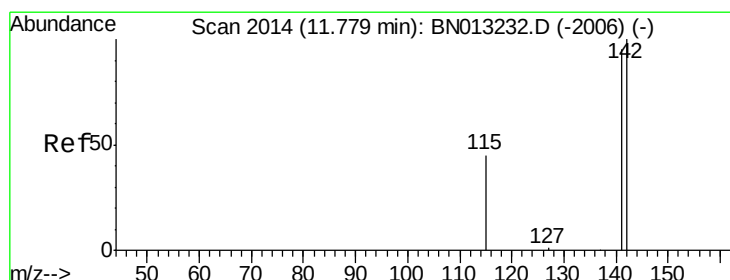
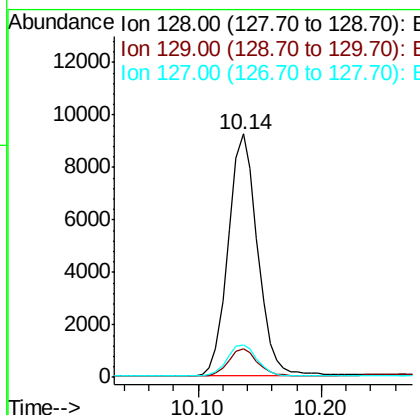
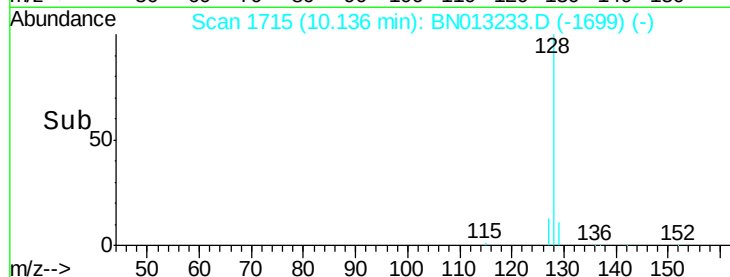
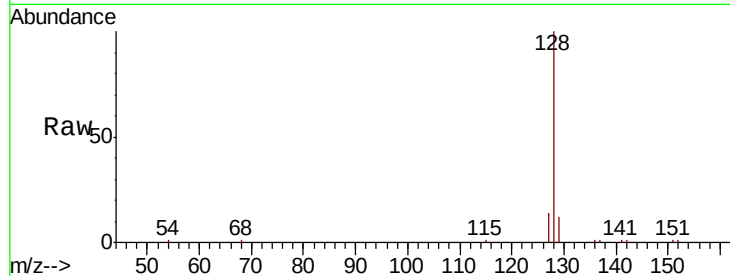
#3
Naphthalene
Concen: 2.692 ng/ul
RT: 10.14 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BN013233.D
Acq: 21 Dec 2020 10:11

Instrument :
BNA_N
ClientSampleId :
C0AE5

Tot Ion	Ion	Ratio	Lower	Upper
128	100			
129	11.7	12.3	18.5#	
127	13.5	14.2	21.4#	

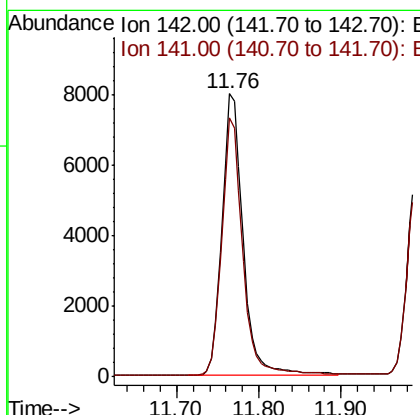
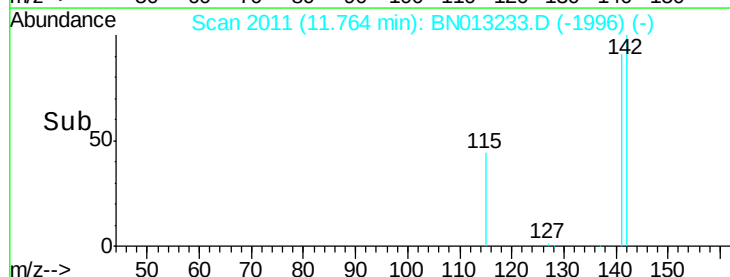
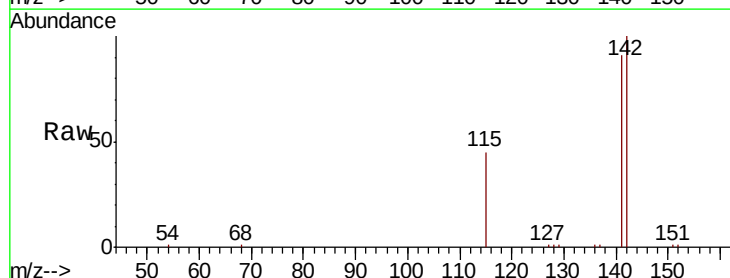
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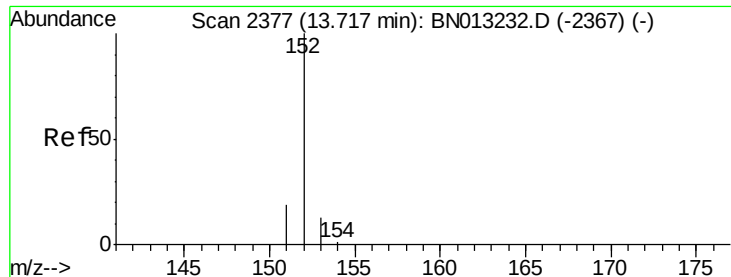
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#5
2-Methylnaphthalene
Concen: 3.841 ng/ul
RT: 11.76 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BN013233.D
Acq: 21 Dec 2020 10:11

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	90.5	73.0	109.6	





#7

Acenaphthylene

Concen: 0.847 ng/ul

RT: 13.71 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Instrument :

BNA_N

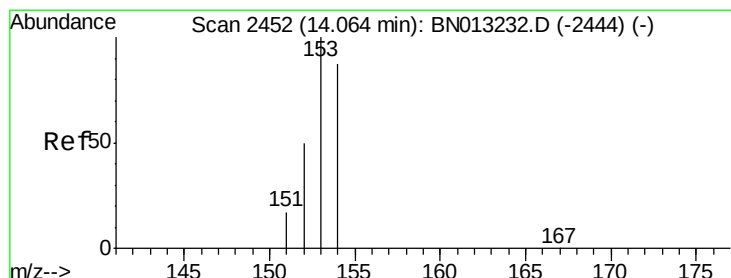
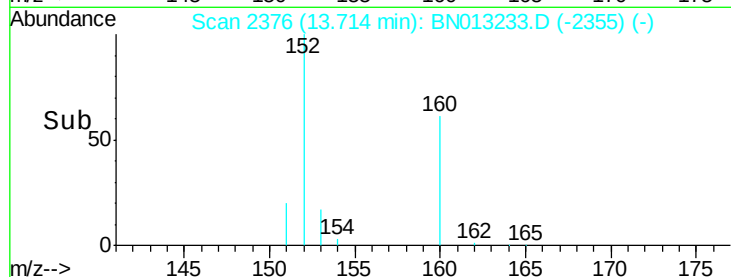
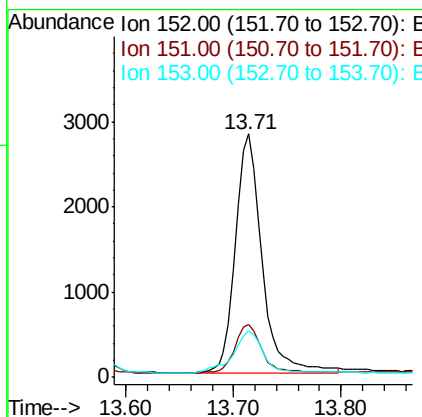
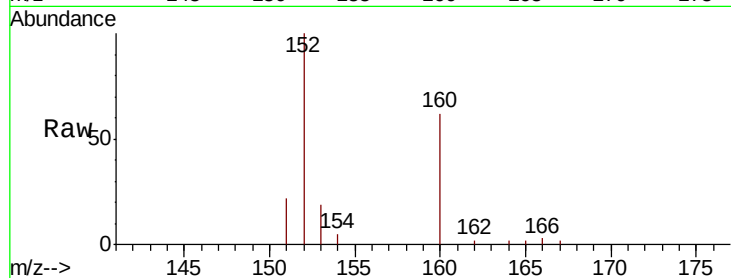
ClientSampleId :

C0AE5

Tot Ion:	152	Resp:	4796
Ion Ratio	Lower	Upper	
152	100		
151	21.8	18.2	27.4
153	19.0	13.1	19.7

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#8

Acenaphthene

Concen: 0.270 ng/ul

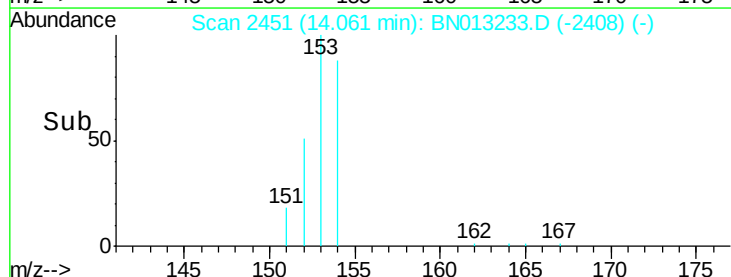
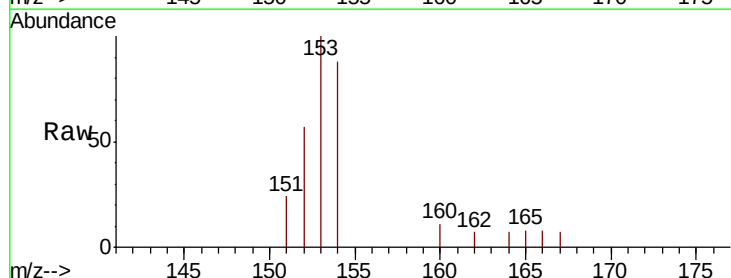
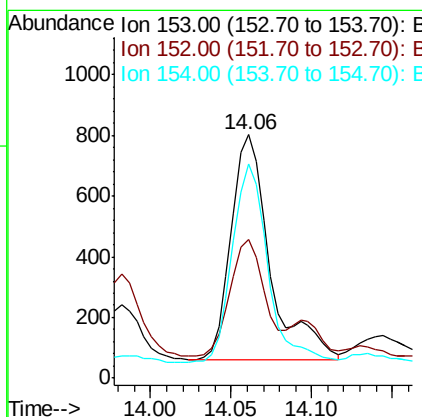
RT: 14.06 min Scan# 2451

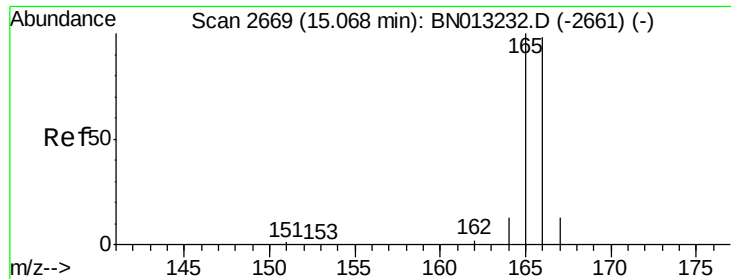
Delta R.T. -0.00 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Tgt Ion:	153	Resp:	1255
Ion Ratio	Lower	Upper	
153	100		
152	56.8	40.7	61.1
154	87.9	70.8	106.2





#9

Fluorene

Concen: 0.284 ng/ul

RT: 15.06 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Instrument :

BNA_N

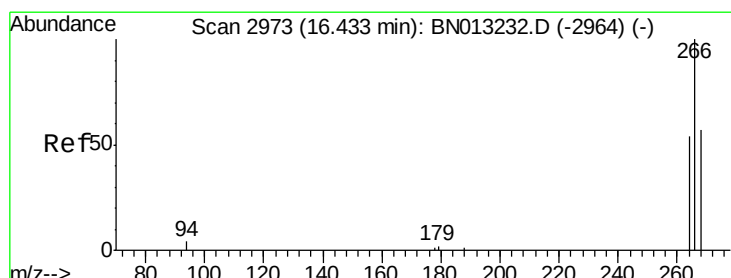
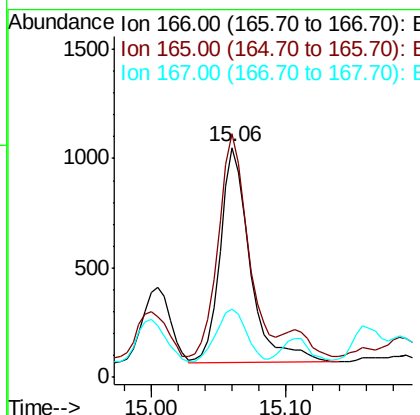
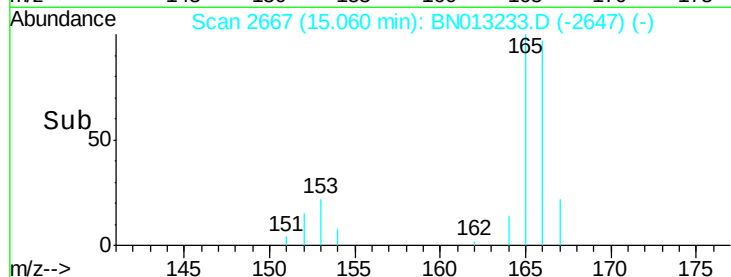
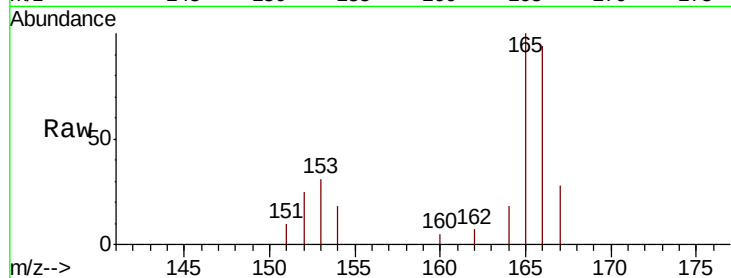
ClientSampled :

C0AE5

Tot Ion:	166	Resp:	1513
Ion Ratio	Lower	Upper	
166	100		
165	105.9	79.8	119.8
167	29.5	13.8	20.8

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#11

Pentachlorophenol

Concen: 0.054 ng/ul

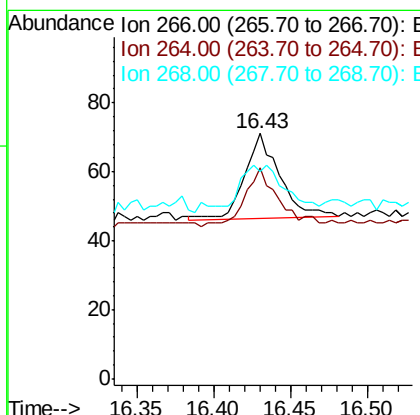
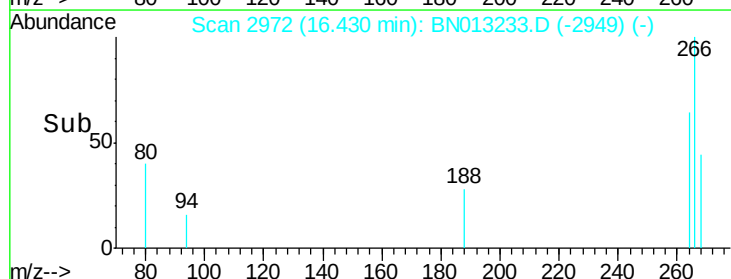
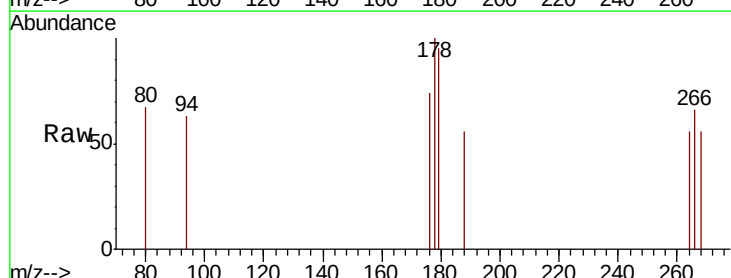
RT: 16.43 min Scan# 2972

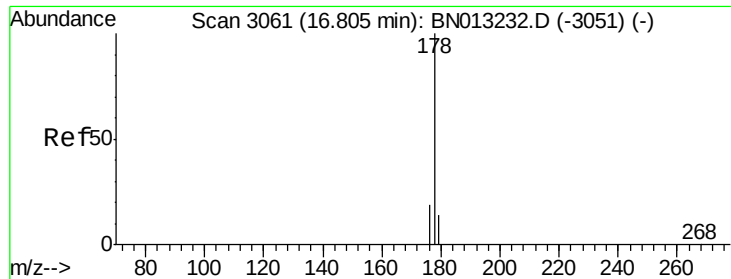
Delta R.T. -0.00 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Tgt Ion:	266	Resp:	40
Ion Ratio	Lower	Upper	
266	100		
264	67.5	51.5	77.3
268	67.5	56.0	84.0





#12

Phenanthrene

Concen: 4.998 ng/ul

RT: 16.80 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Instrument :

BNA_N

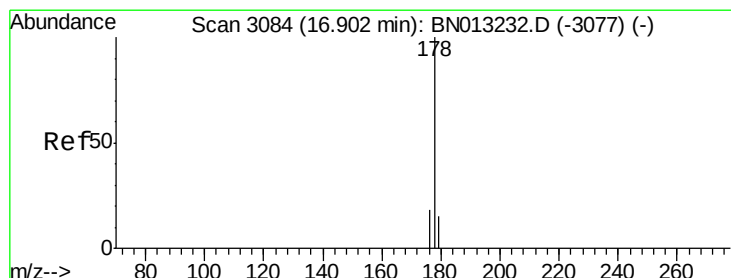
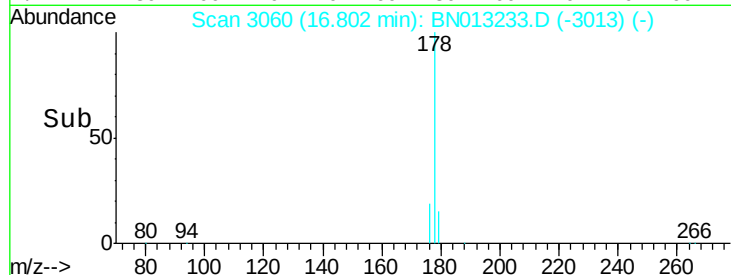
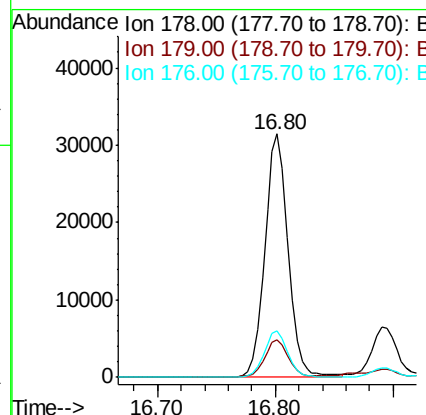
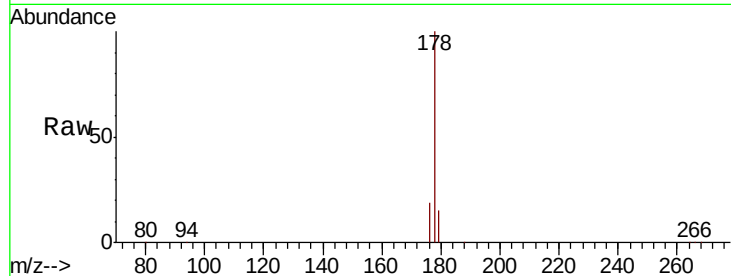
ClientSampleId :

C0AE5

Tot Ion:178	Resp:	42913
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.6 20.4
176	19.2	16.4 24.6

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#13

Anthracene

Concen: 1.213 ng/ul

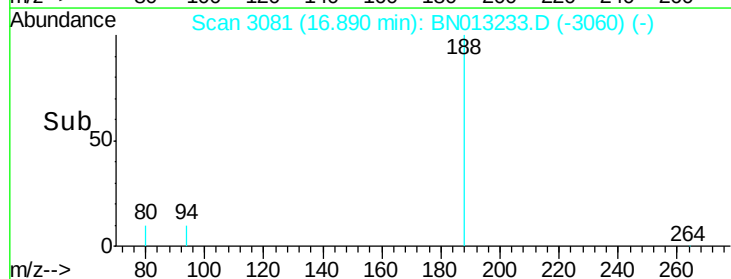
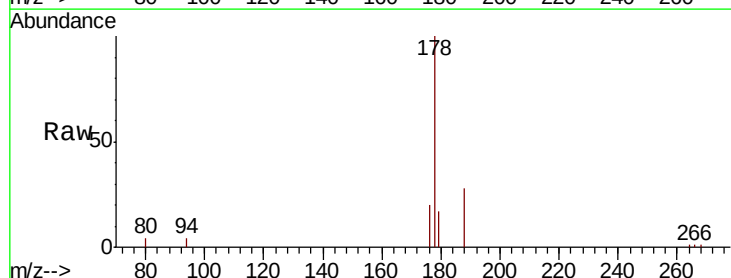
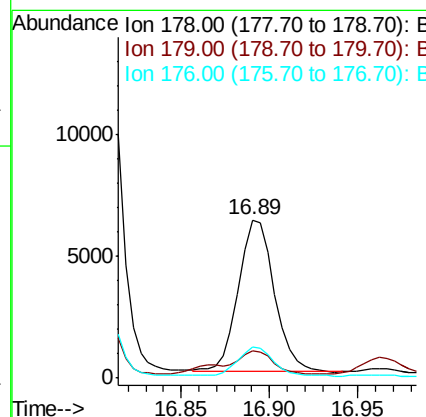
RT: 16.89 min Scan# 3081

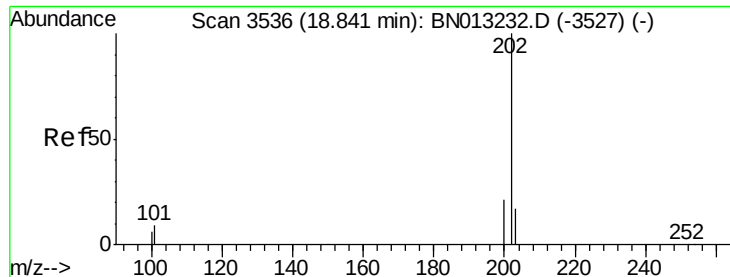
Delta R.T. -0.01 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Tgt Ion:178	Resp:	8864
Ion Ratio	Lower	Upper
178	100	
179	17.0	14.6 21.8
176	19.6	17.1 25.7





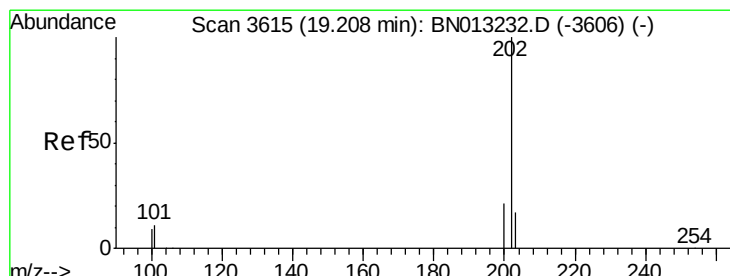
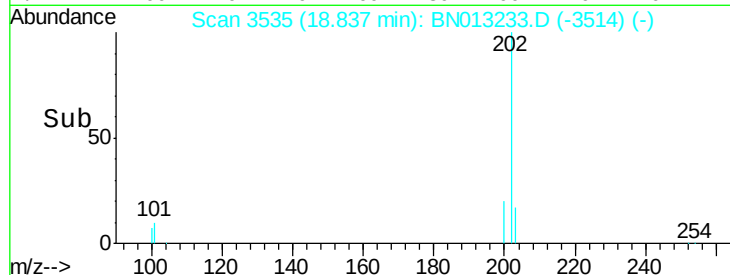
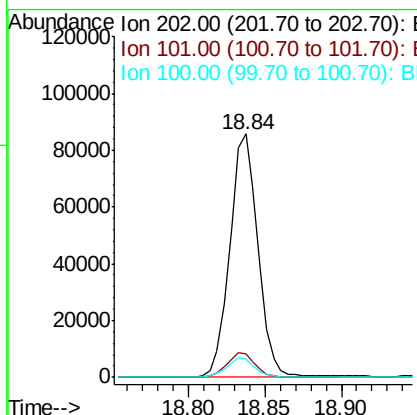
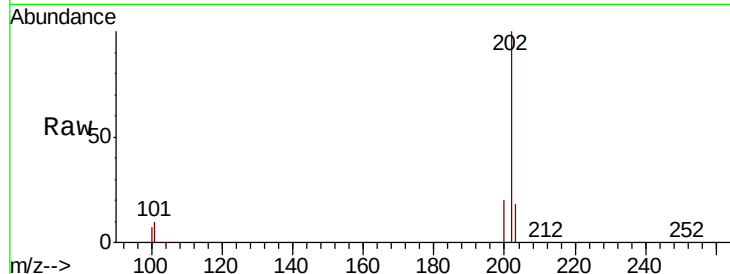
#15
Fluoranthene
Concen: 10.733 ng/ul
RT: 18.84 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BN013233.D
Acq: 21 Dec 2020 10:11

Instrument :
BNA_N
ClientSampled :
C0AE5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	109515		
101	9.7	0.0	30.6	
100	7.3	0.0	28.7	

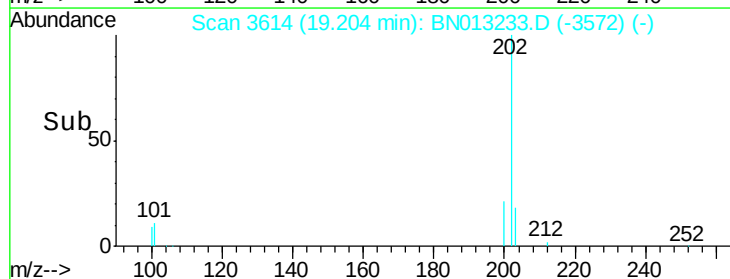
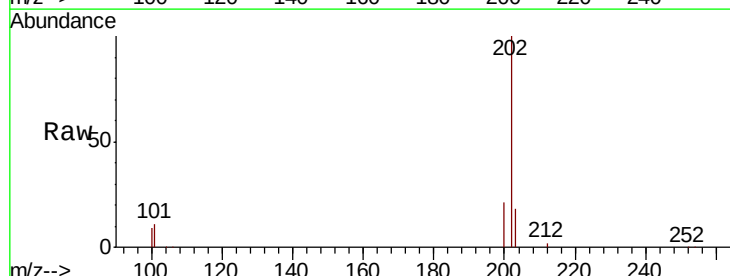
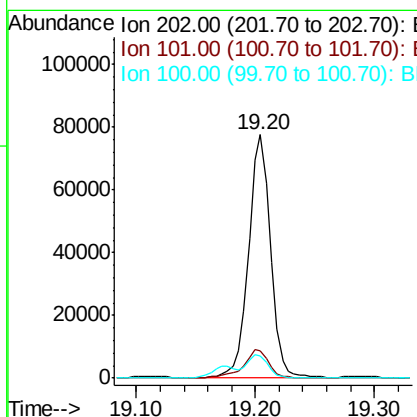
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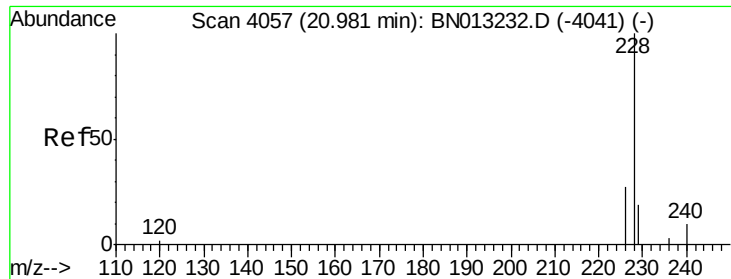
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#17
Pyrene
Concen: 9.420 ng/ul
RT: 19.20 min Scan# 3614
Delta R.T. -0.00 min
Lab File: BN013233.D
Acq: 21 Dec 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	98554		
101	11.3	9.1	13.7	
100	9.2	7.5	11.3	





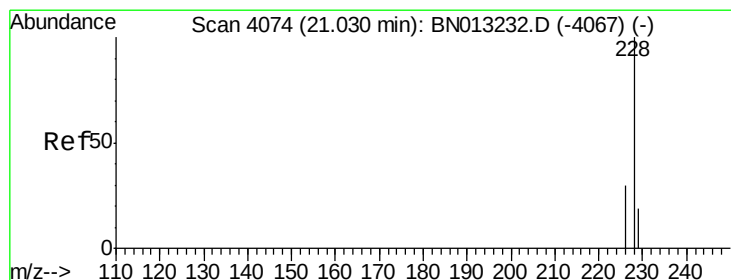
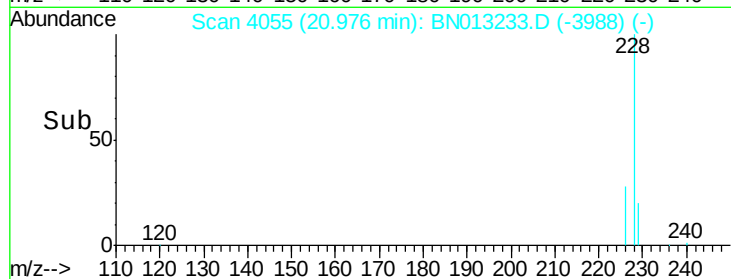
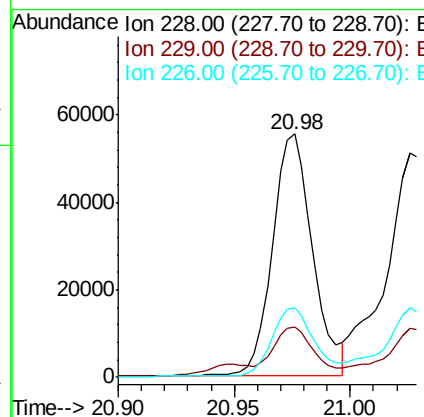
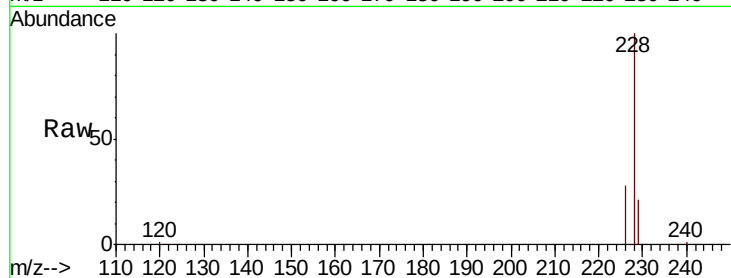
#18
Benzo(a)anthracene
Concen: 7.191 ng/ul
RT: 20.98 min Scan# 4055
Delta R.T. -0.00 min
Lab File: BN013233.D
Acq: 21 Dec 2020 10:11

Instrument :
BNA_N
ClientSampleId :
C0AE5

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.3	24.5
226	28.4	23.4	35.2

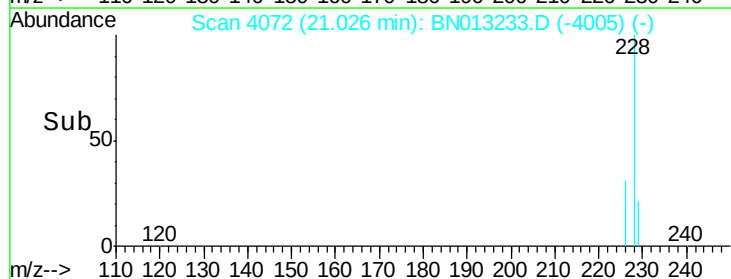
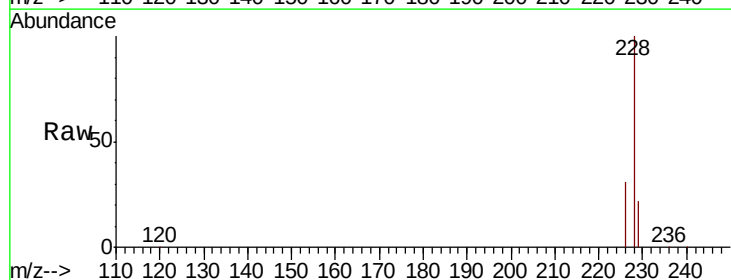
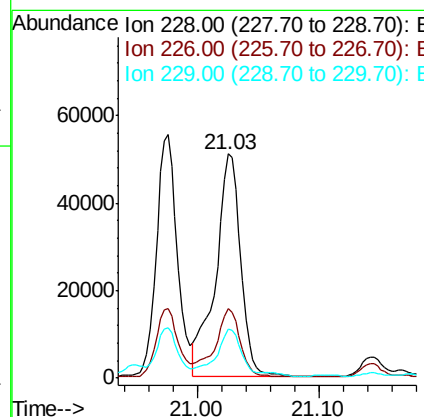
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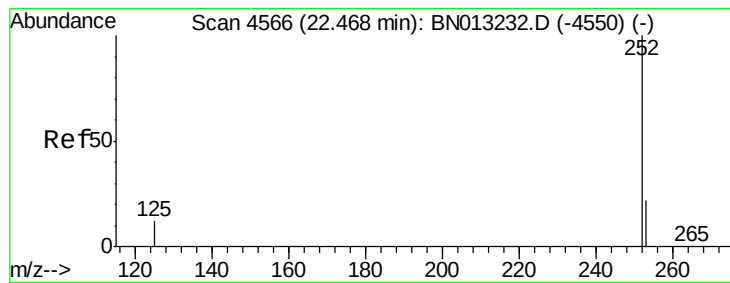
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#19
Chrysene
Concen: 7.194 ng/ul
RT: 21.03 min Scan# 4072
Delta R.T. -0.00 min
Lab File: BN013233.D
Acq: 21 Dec 2020 10:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.6	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 13.780 ng/ul m

RT: 22.47 min Scan# 4565

Delta R.T. -0.00 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Instrument :

BNA_N

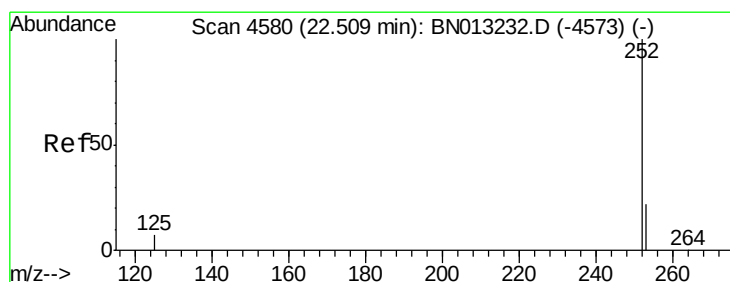
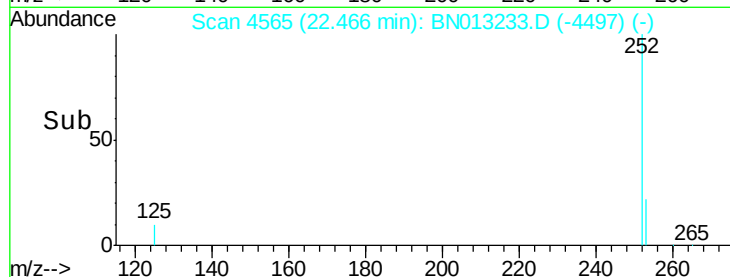
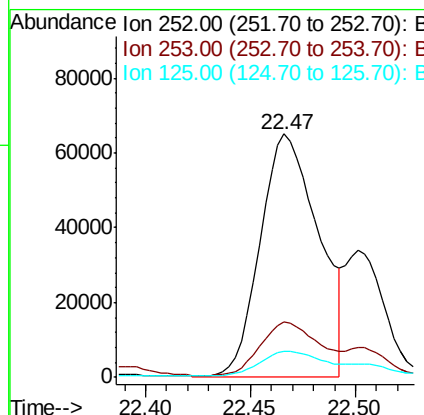
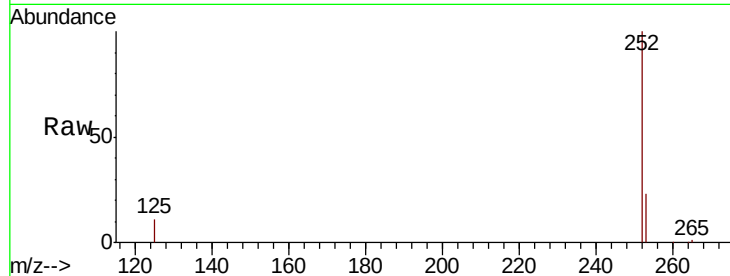
ClientSampleId :

C0AE5

Tot Ion	Ratio	Resp	Lower	Upper
252	100	126546		
253	22.7	0.0	59.6	
125	10.5	0.0	26.0	

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#22

Benzo(k)fluoranthene

Concen: 4.415 ng/ul m

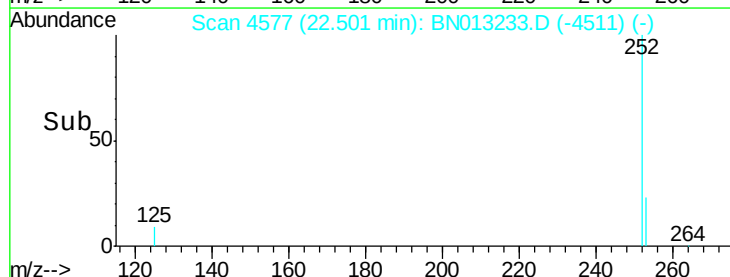
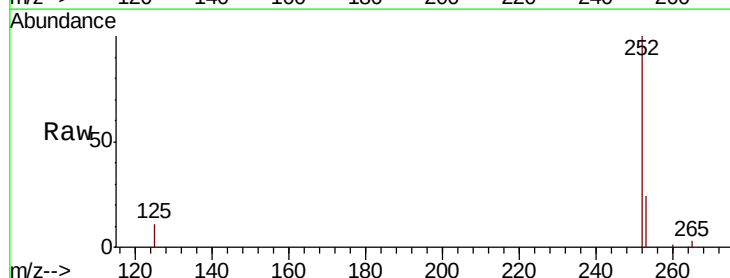
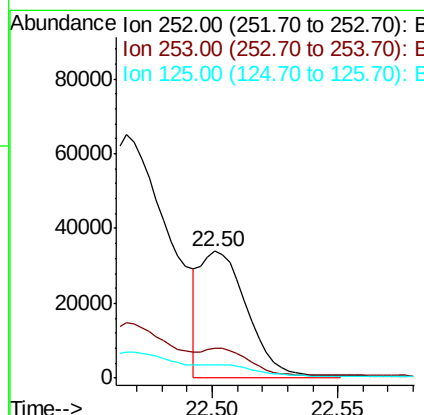
RT: 22.50 min Scan# 4577

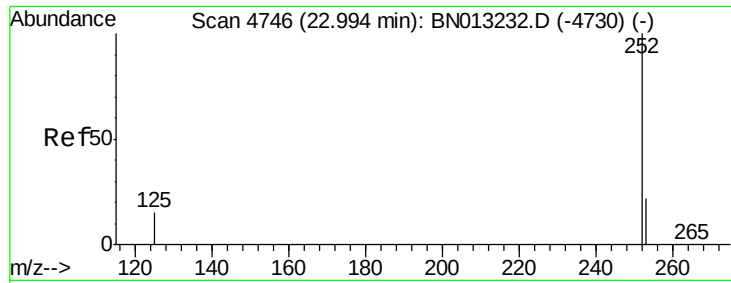
Delta R.T. -0.01 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	44811		
253	23.8	23.4	35.2	
125	10.7	11.1	16.7#	





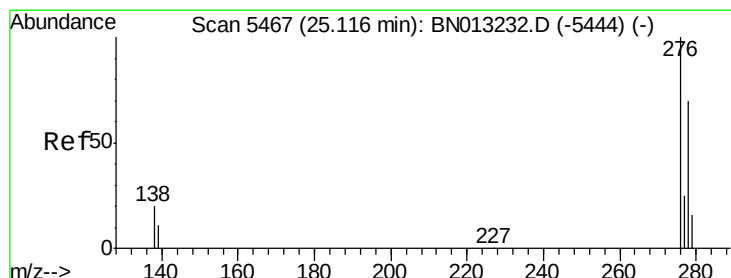
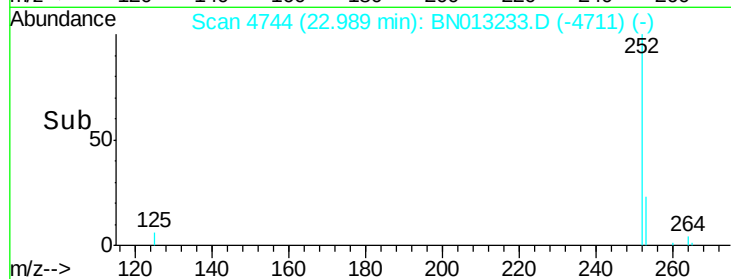
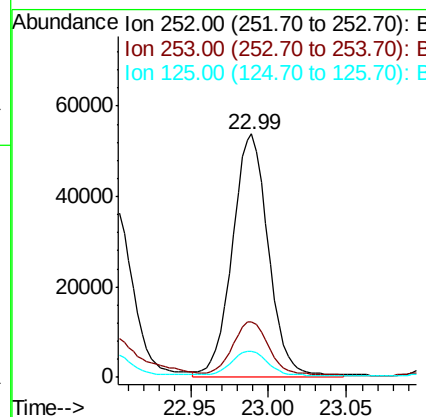
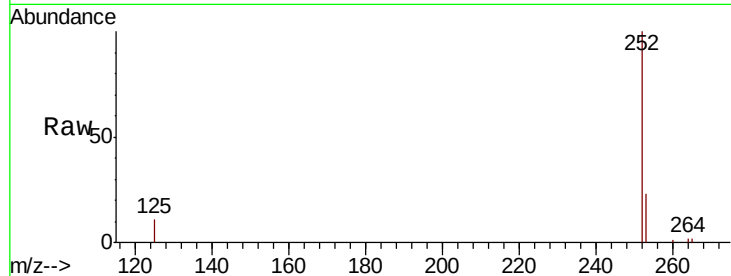
#23
Benzo(a)pyrene
Concen: 10.076 ng/ul m
RT: 22.99 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN013233.D
Acq: 21 Dec 2020 10:11

Instrument :
BNA_N
ClientSampleId :
C0AE5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	26.5	39.7#
125	10.9	14.2	21.2#

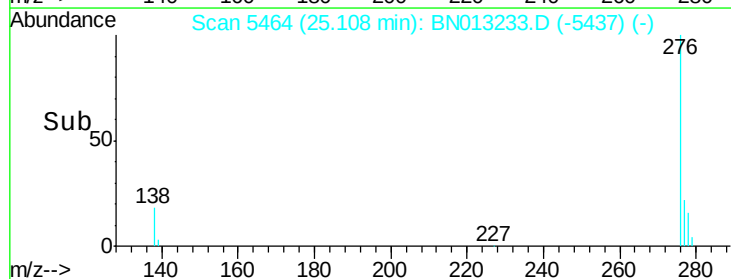
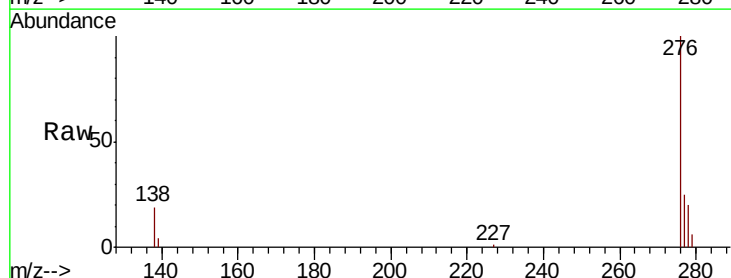
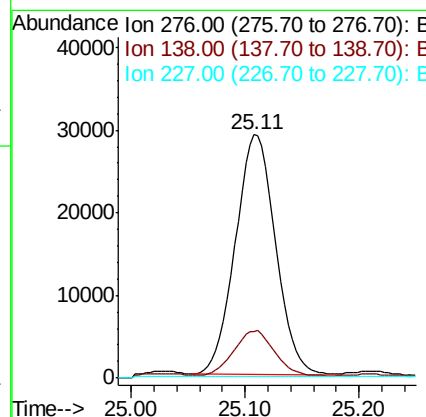
Manual Integrations
APPROVED

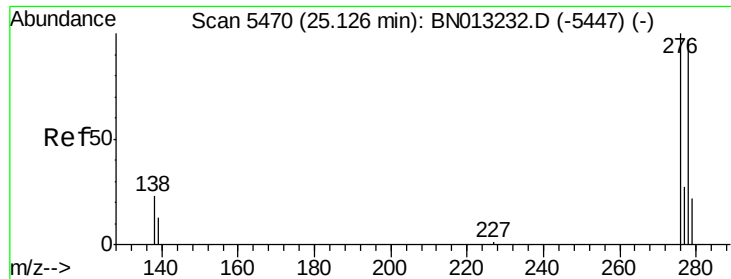
mohammad
12/22/2020 2:39:23 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 6.316 ng/ul
RT: 25.11 min Scan# 5464
Delta R.T. -0.01 min
Lab File: BN013233.D
Acq: 21 Dec 2020 10:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.2	24.2
227	0.2	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 1.955 ng/ul

RT: 25.11 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Instrument :

BNA_N

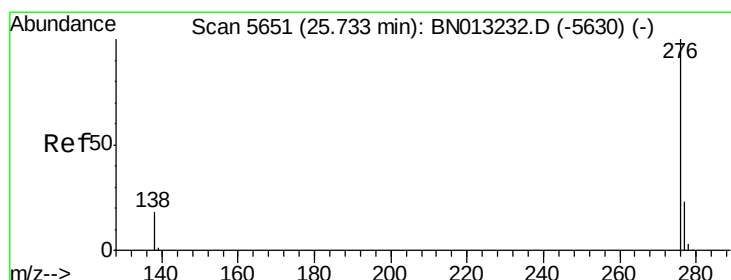
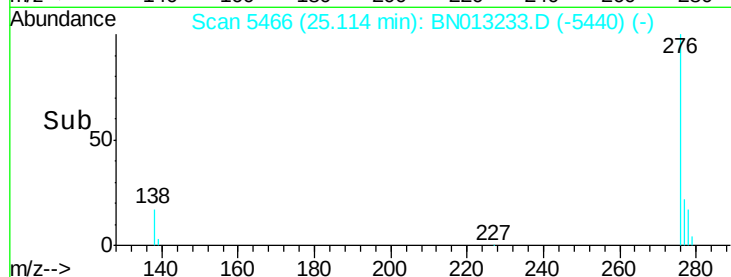
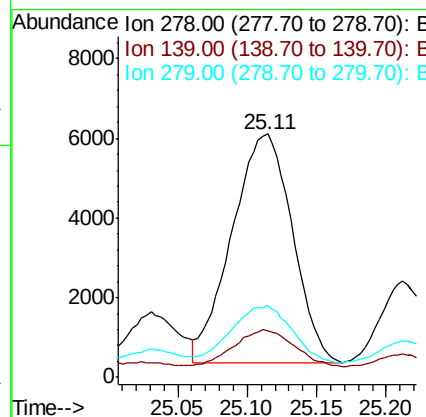
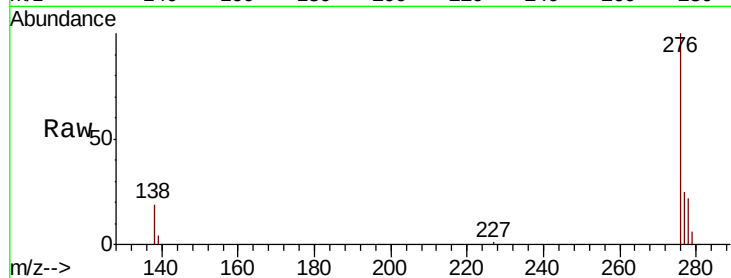
ClientSampleId :

C0AE5

Tot Ion:	278	Resp:	17303
Ion Ratio	Lower	Upper	
278	100		
139	19.0	14.5	21.7
279	29.4	26.3	39.5

Manual Integrations
APPROVED

mohammad
12/22/2020 2:39:23 PM



#26

Benzo(g,h,i)perylene

Concen: 5.974 ng/ul

RT: 25.73 min Scan# 5650

Delta R.T. -0.00 min

Lab File: BN013233.D

Acq: 21 Dec 2020 10:11

Tgt Ion:	276	Resp:	60487
Ion Ratio	Lower	Upper	
276	100		
138	19.7	16.3	24.5
277	24.8	21.8	32.6

