

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013001.D
 Acq On : 09 Dec 2020 07:41
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BB5

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Quant Time: Dec 09 09:12:55 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 : Wed Dec 09 07:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1214	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4953	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	3021	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5992	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3882	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5052	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1053	0.14	ng/ul	-0.02
14) Fluoranthene-d10	18.85	212	1805	0.11	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	25151	1.755	ng/ul#	90
5) 2-Methylnaphthalene	11.82	142	19656	2.088	ng/ul	99
7) Acenaphthylene	13.76	152	41277	2.887	ng/ul	95
8) Acenaphthene	14.11	153	27171	2.316	ng/ul	98
9) Fluorene	15.11	166	32637	2.425	ng/ul	98
11) Pentachlorophenol	16.47	266	182	0.105	ng/ul	97
12) Phenanthrene	16.85	178	1377344	68.558	ng/ul	96
13) Anthracene	16.94	178	352489	20.616	ng/ul	94
15) Fluoranthene	18.89	202	1937938	81.174	ng/ul	98
17) Pyrene	19.25	202	1544473	84.231	ng/ul	96
18) Benzo(a)anthracene	21.02	228	839621	52.277	ng/ul	99
19) Chrysene	21.07	228	706799	39.829	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	739690m	31.649	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	271845m	10.523	ng/ul	
23) Benzo(a)pyrene	23.05	252	515674m	23.778	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.20	276	274149	9.624	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.20	278	84321	3.742	ng/ul	96
26) Benzo(g,h,i)perylene	25.83	276	248341	9.638	ng/ul	96

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

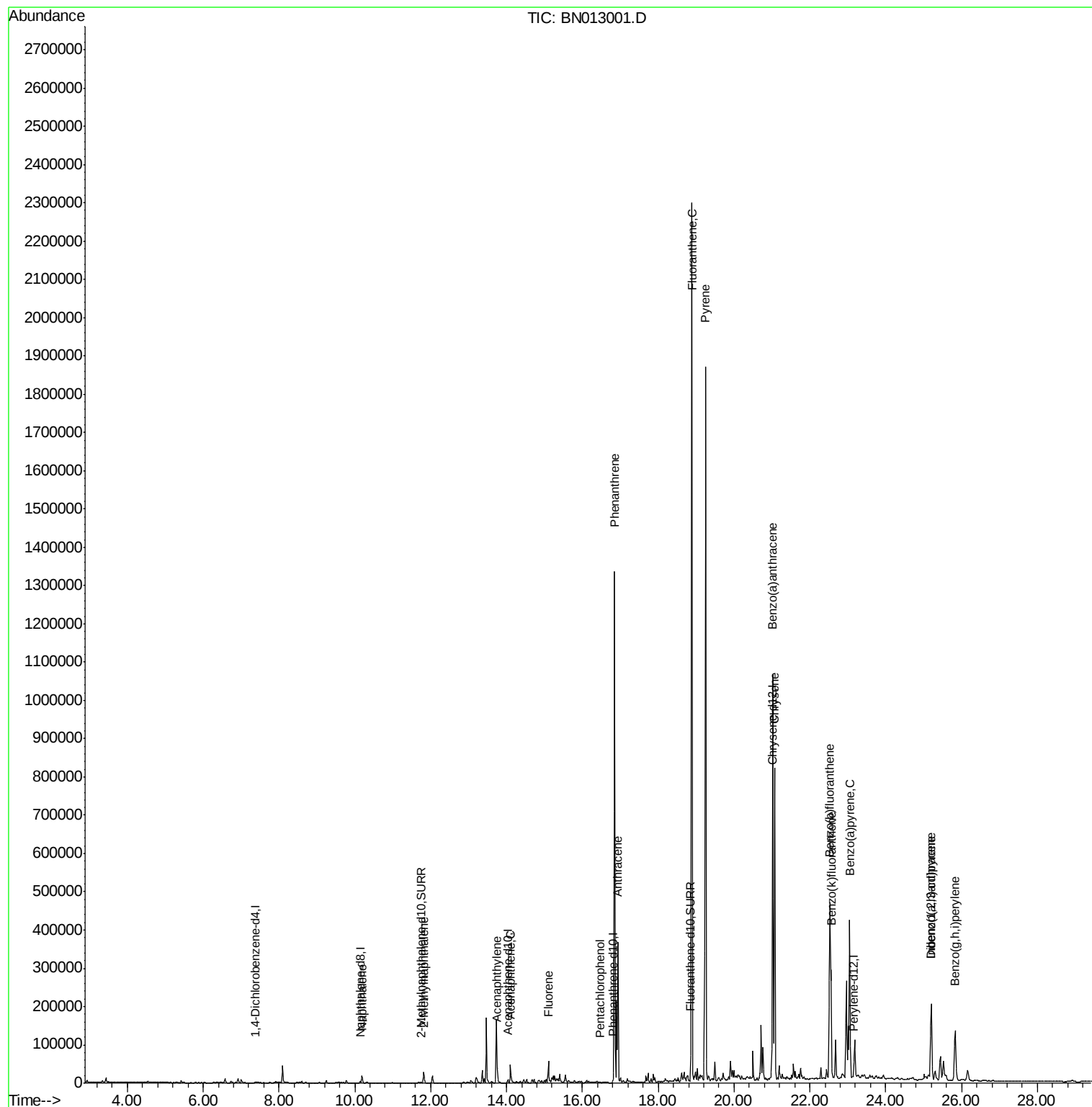
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013001.D
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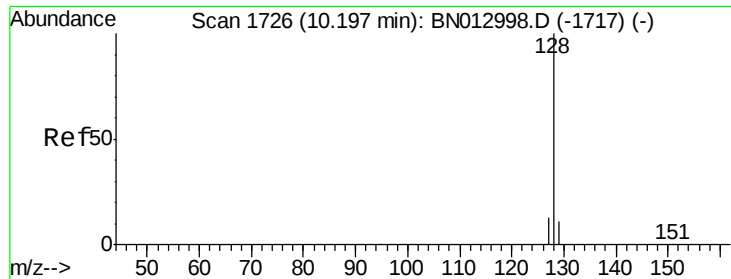
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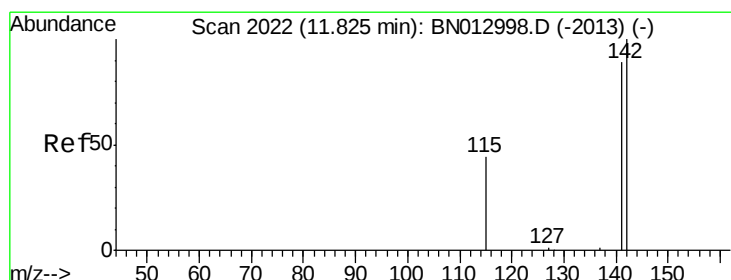
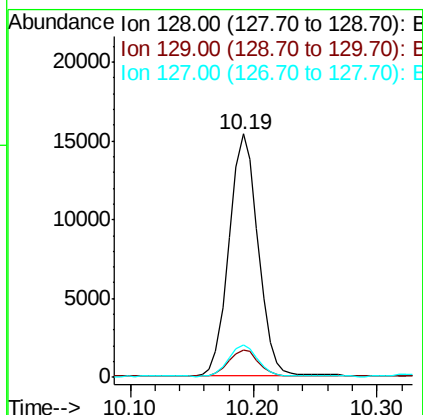
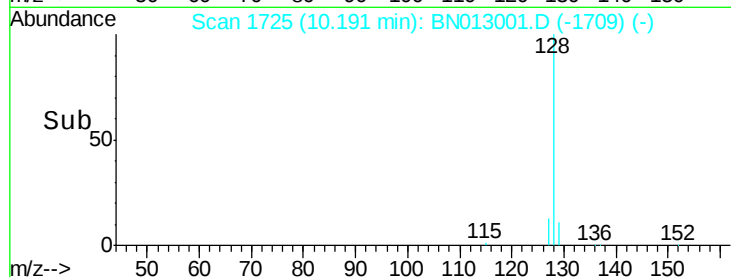
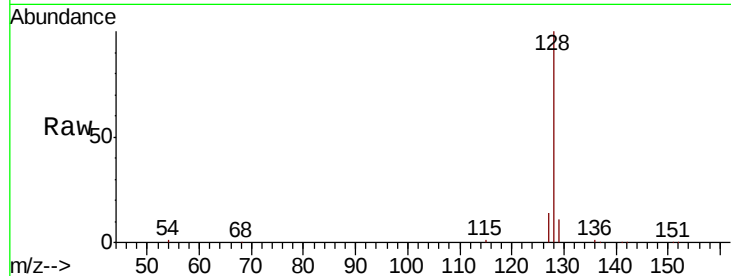
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Naphthalene
Concen: 1.755 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013001.D
Acq: 09 Dec 2020 07:41

Instrument :
BNA_N
ClientSampleId :
C0BB5

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	12.3	18.5#
127	13.6	14.2	21.4#

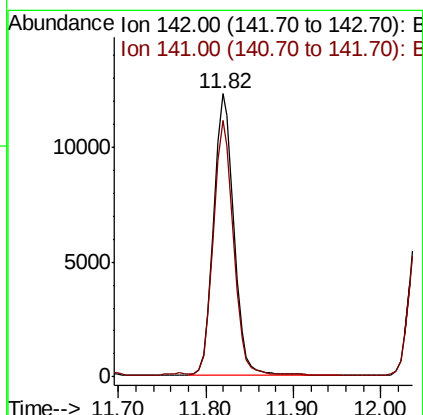
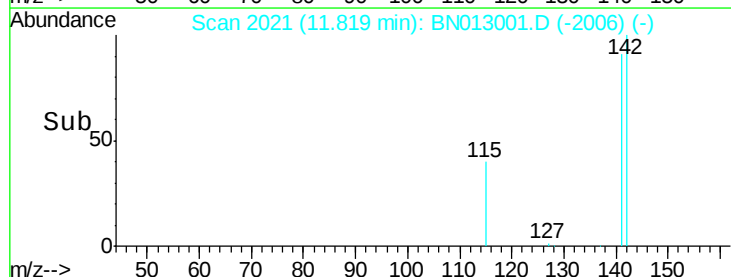
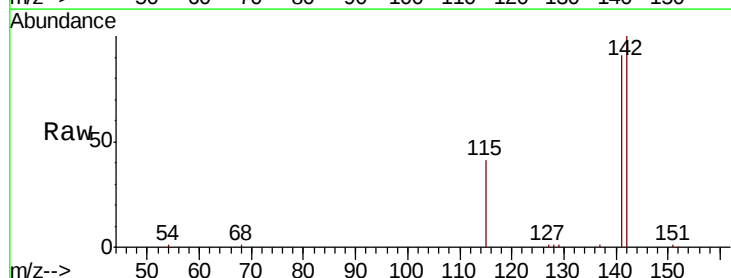
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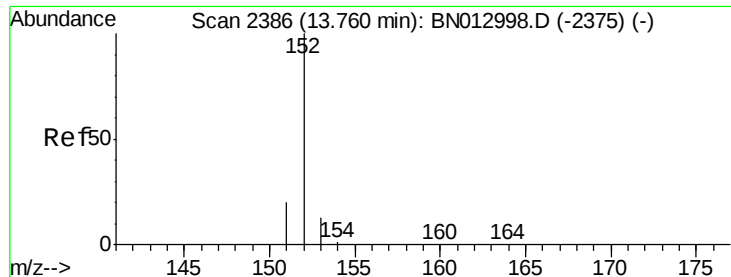
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#5
2-Methylnaphthalene
Concen: 2.088 ng/ul
RT: 11.82 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BN013001.D
Acq: 09 Dec 2020 07:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.0	109.6





#7

Acenaphthylene

Concen: 2.887 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Instrument :

BNA_N

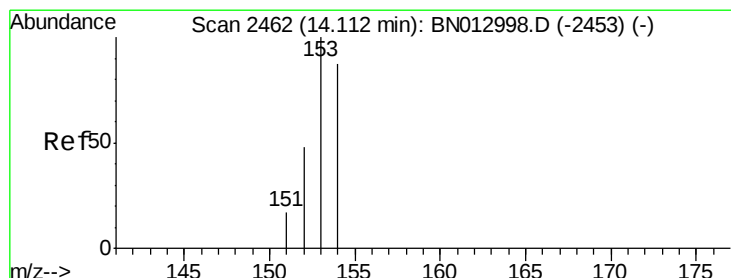
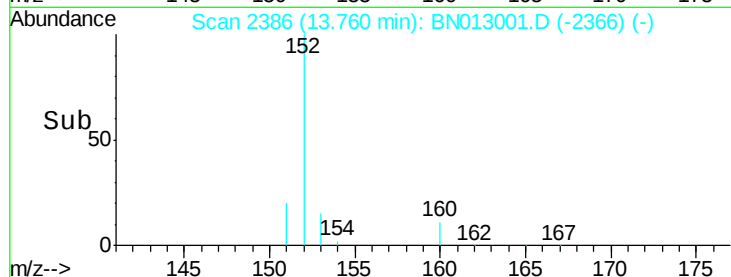
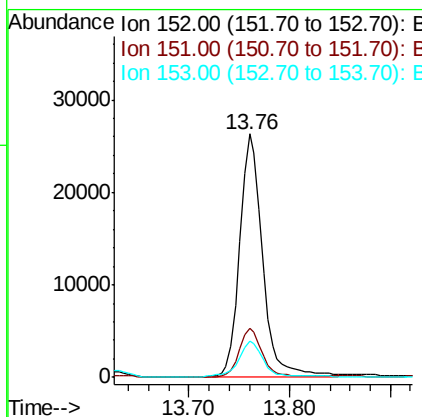
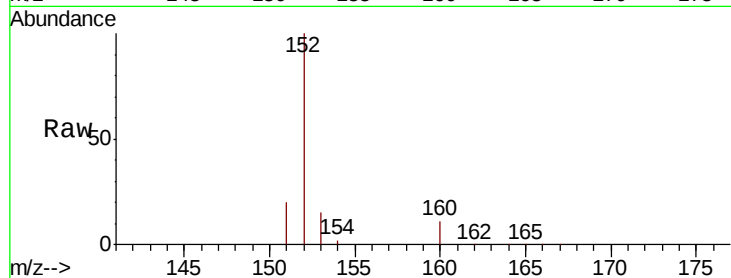
ClientSampleId :

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Tot Ion:	152	Resp:	41277
Ion Ratio	Lower	Upper	
152	100		
151	20.1	18.2	27.4
153	15.1	13.1	19.7

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#8

Acenaphthene

Concen: 2.316 ng/ul

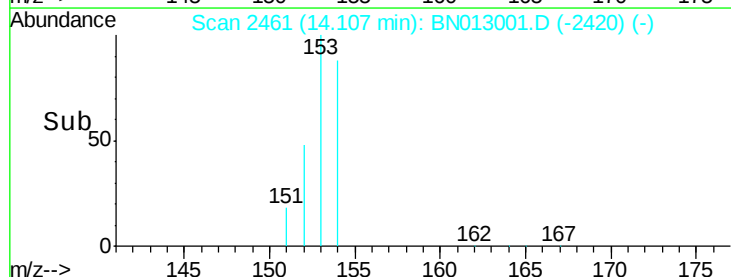
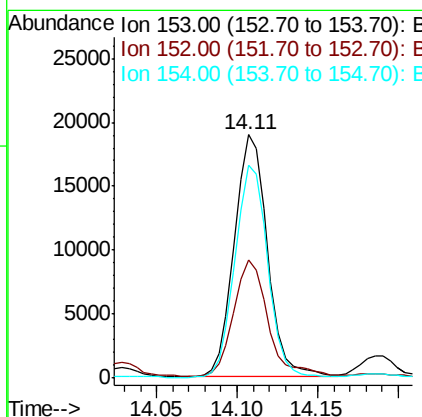
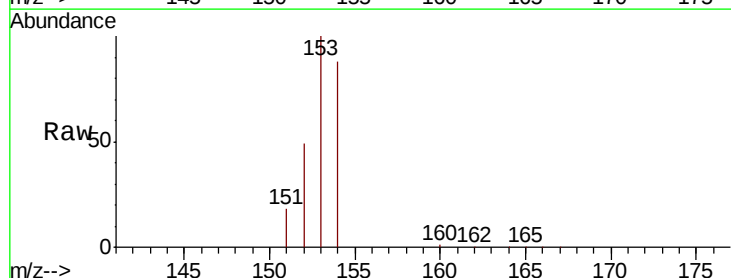
RT: 14.11 min Scan# 2461

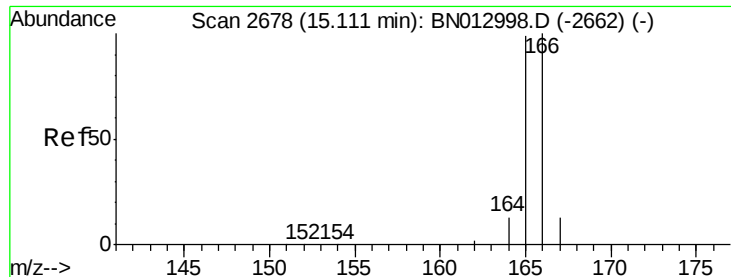
Delta R.T. -0.01 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Tgt Ion:	153	Resp:	27171
Ion Ratio	Lower	Upper	
153	100		
152	48.5	40.7	61.1
154	87.7	70.8	106.2





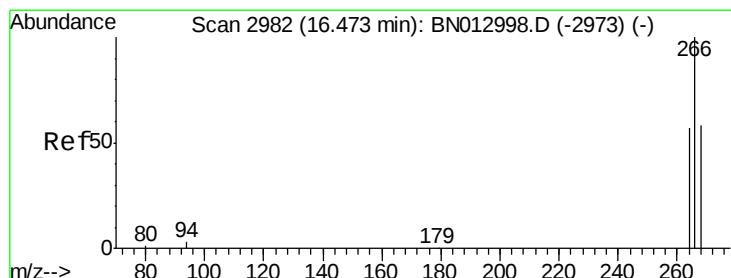
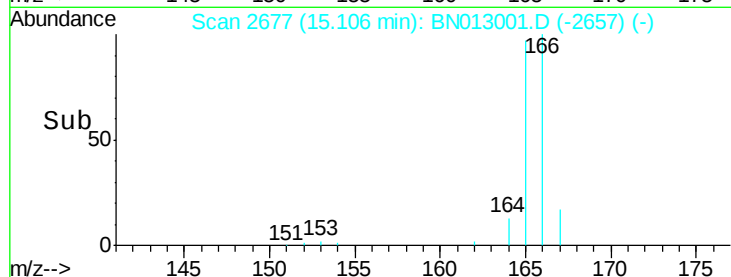
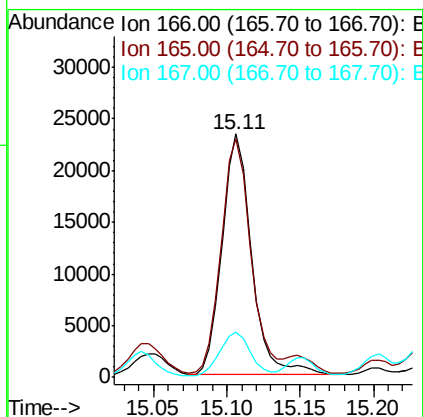
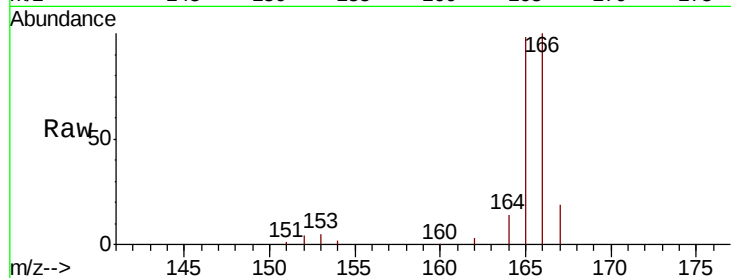
#9
Fluorene
 Concen: 2.425 ng/ul
 RT: 15.11 min Scan# 2677
 Delta R.T. -0.01 min
 Lab File: BN013001.D
 Acq: 09 Dec 2020 07:41

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	18.8	13.8	20.8

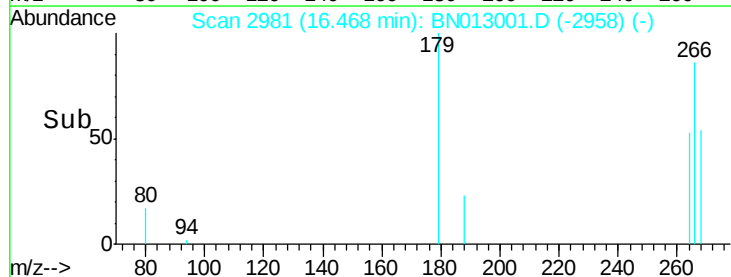
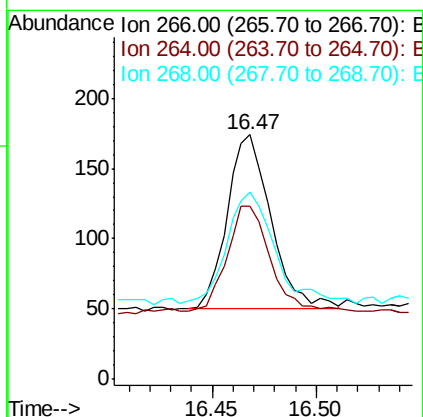
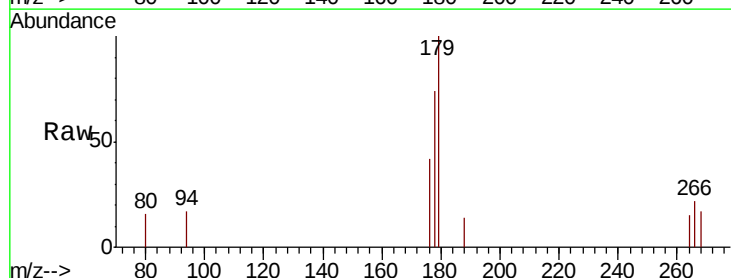
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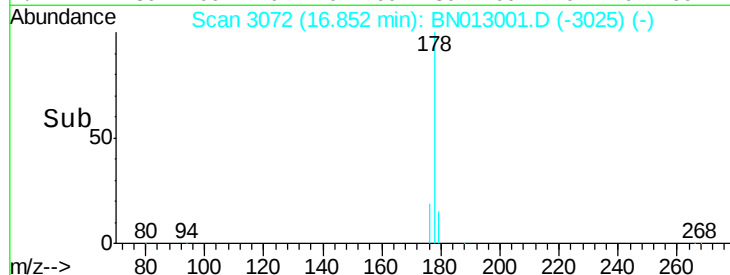
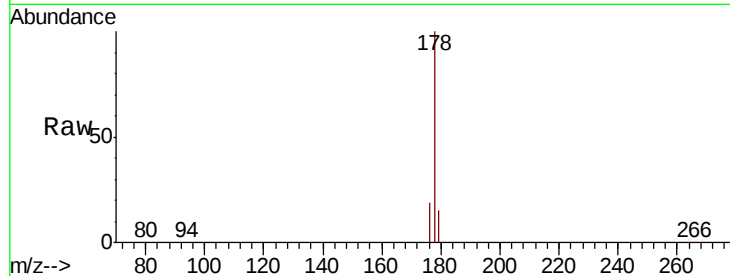
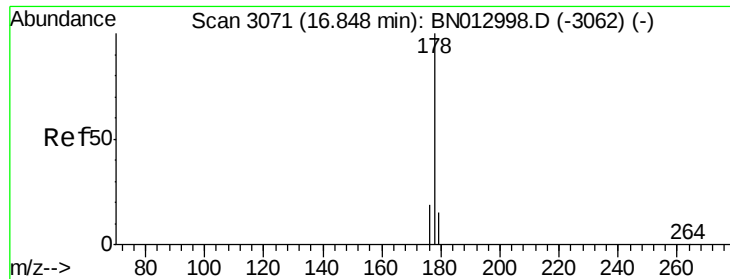
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#11
Pentachlorophenol
 Concen: 0.105 ng/ul
 RT: 16.47 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BN013001.D
 Acq: 09 Dec 2020 07:41

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.0	51.5	77.3
268	68.7	56.0	84.0





#12

Phenanthrene

Concen: 68.558 ng/ul

RT: 16.85 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Tot Ion:178 Resp: 1377344

Ion Ratio Lower Upper

178 100

179 15.5 13.6 20.4

176 18.6 16.4 24.6

Instrument :

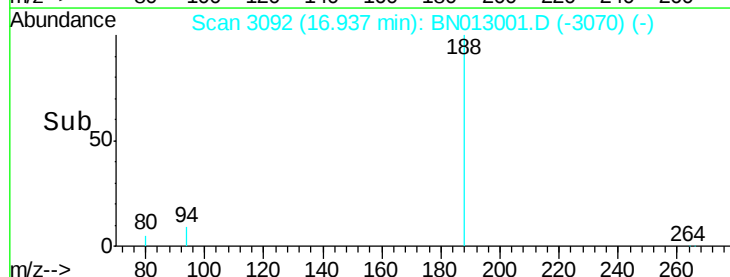
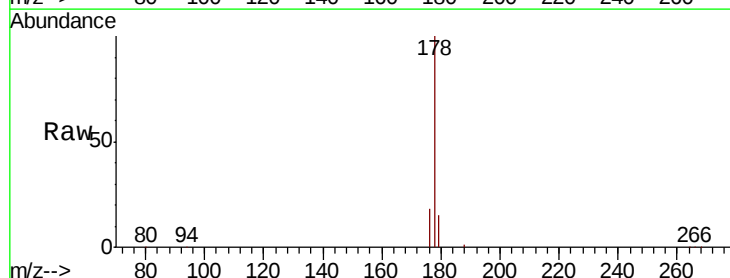
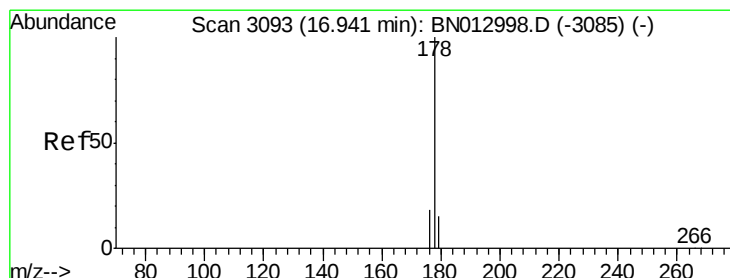
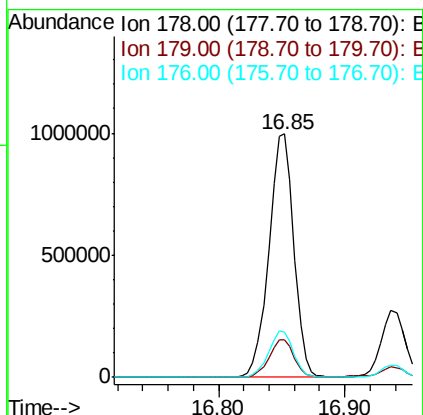
BNA_N

ClientSampleId :

C0BB5

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#13

Anthracene

Concen: 20.616 ng/ul

RT: 16.94 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

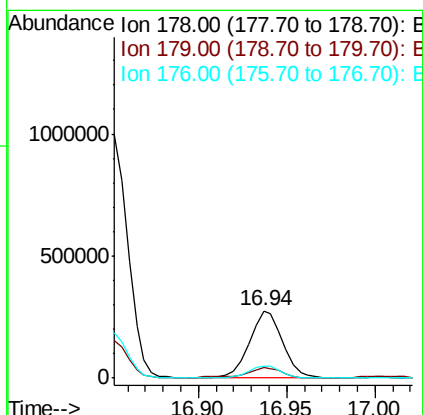
Tgt Ion:178 Resp: 352489

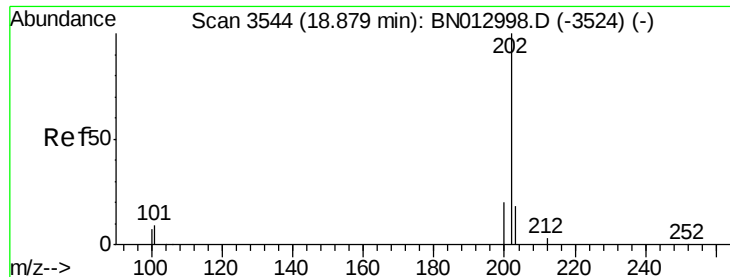
Ion Ratio Lower Upper

178 100

179 15.4 14.6 21.8

176 18.4 17.1 25.7





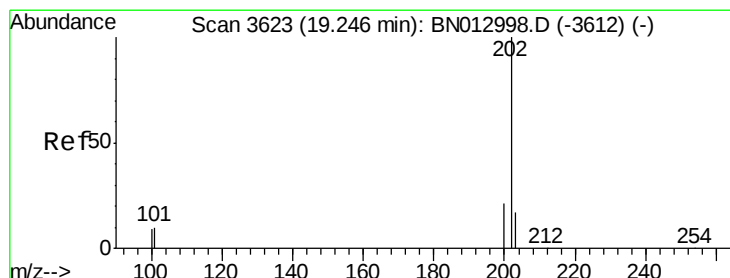
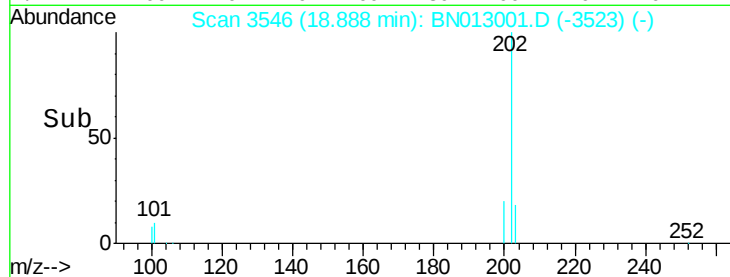
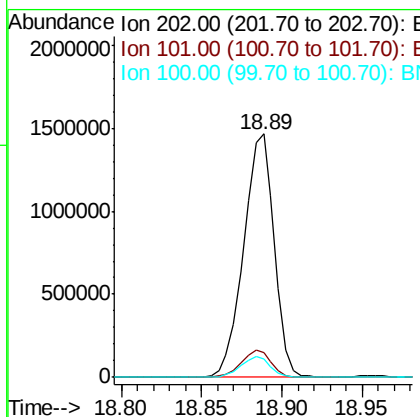
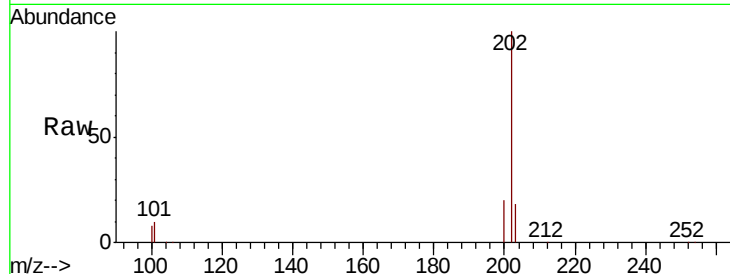
#15
Fluoranthene
 Concen: 81.174 ng/ul
 RT: 18.89 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: BN013001.D
 Acq: 09 Dec 2020 07:41

Instrument :
 BNA_N
 ClientSampleId :
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Tot	Ion:202	Resp:	1937938
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.6
100	7.8	0.0	28.7

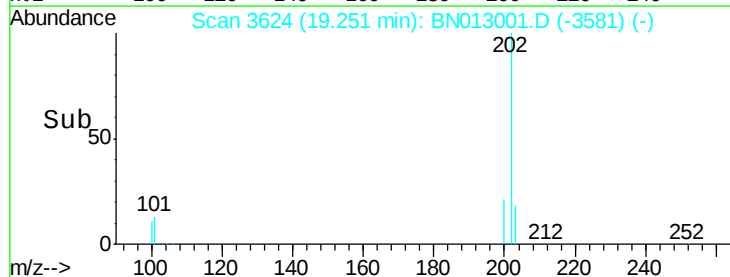
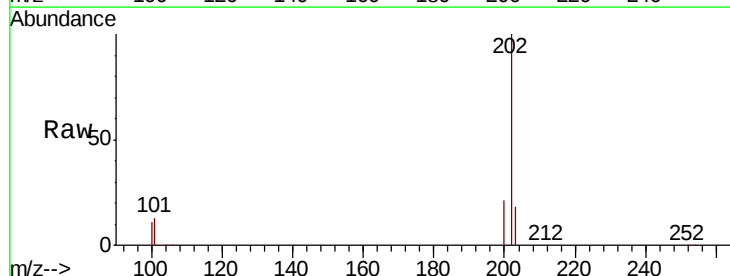
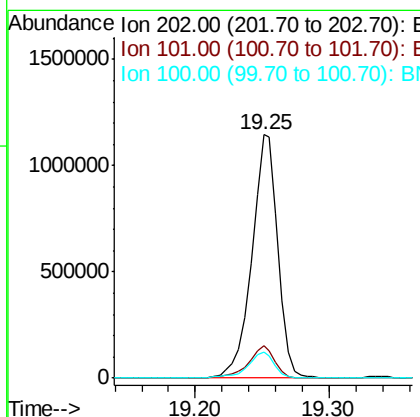
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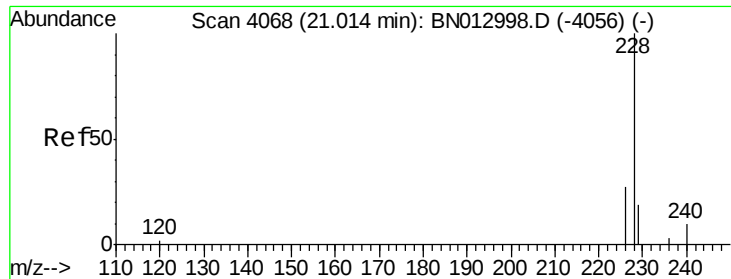
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#17
Pyrene
 Concen: 84.231 ng/ul
 RT: 19.25 min Scan# 3624
 Delta R.T. -0.00 min
 Lab File: BN013001.D
 Acq: 09 Dec 2020 07:41

Tgt	Ion:202	Resp: 1544473	
Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.1	13.7
100	10.8	7.5	11.3





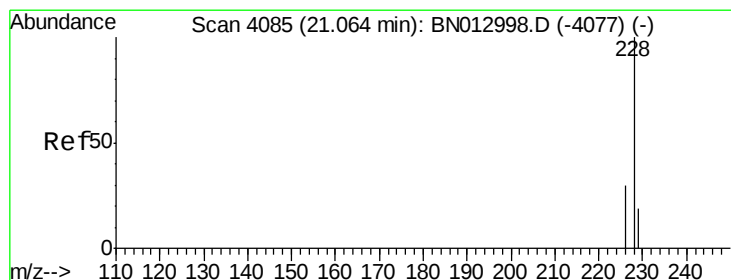
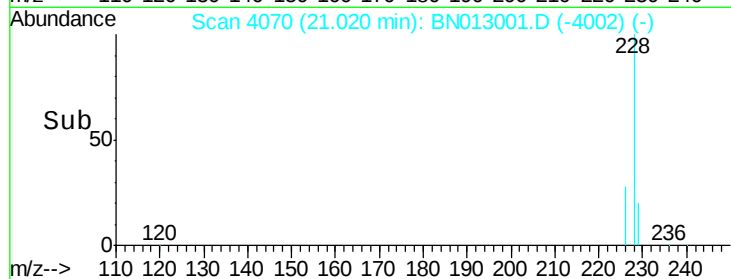
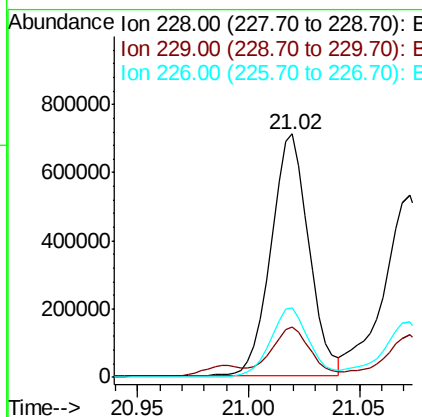
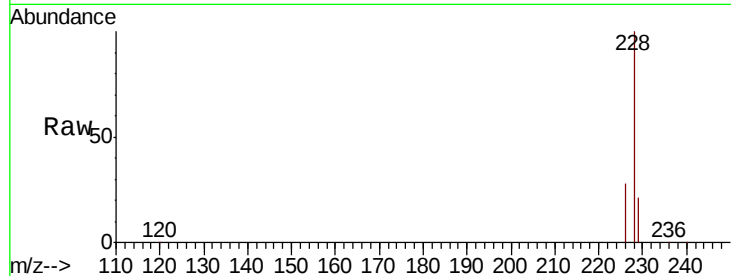
#18
Benzo(a)anthracene
Concen: 52.277 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN013001.D
Acq: 09 Dec 2020 07:41

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.3	24.5
226	28.4	23.4	35.2

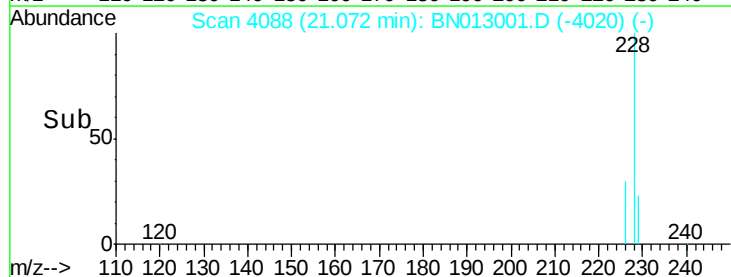
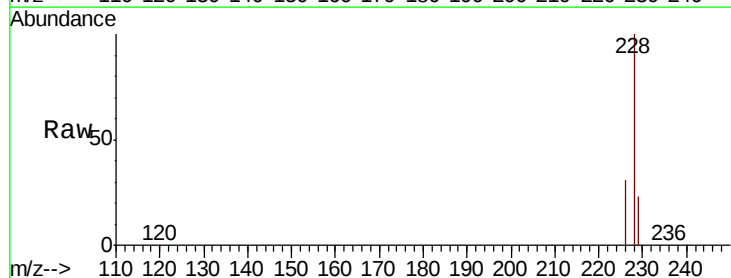
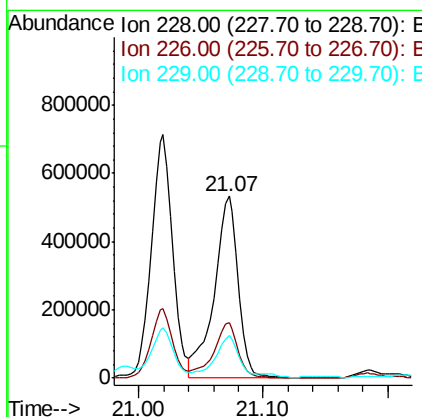
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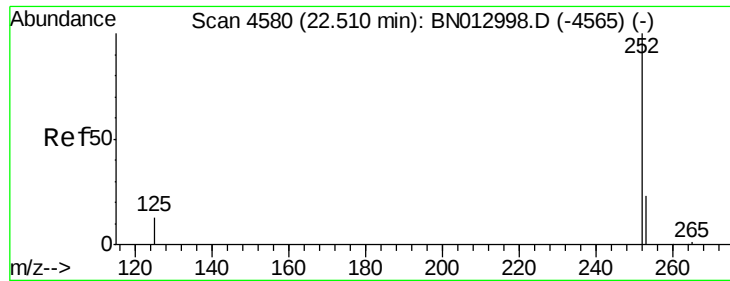
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#19
Chrysene
Concen: 39.829 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.00 min
Lab File: BN013001.D
Acq: 09 Dec 2020 07:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	23.3	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 31.649 ng/ul m

RT: 22.52 min Scan# 4584

Delta R.T. 0.00 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Instrument :

BNA_N

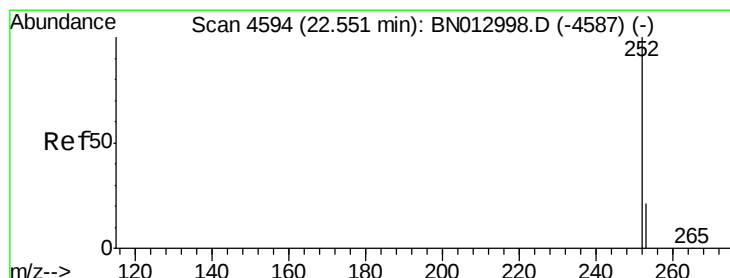
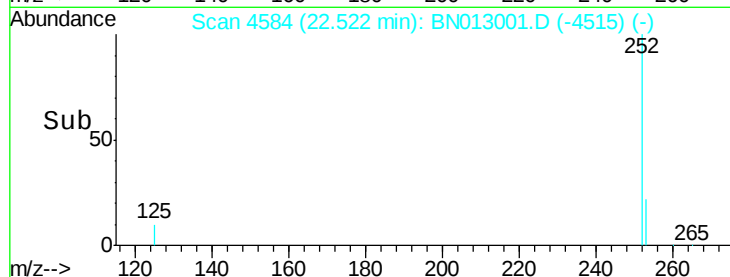
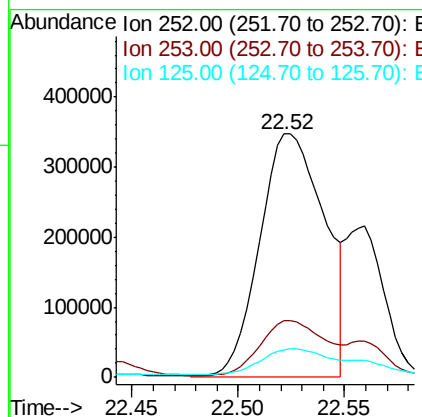
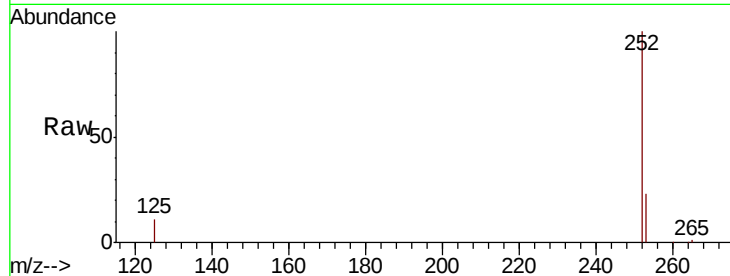
ClientSampleId :

C0BB5

Tot Ion:	252	Resp:	739690
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	59.6
125	11.4	0.0	26.0

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#22

Benzo(k)fluoranthene

Concen: 10.523 ng/ul m

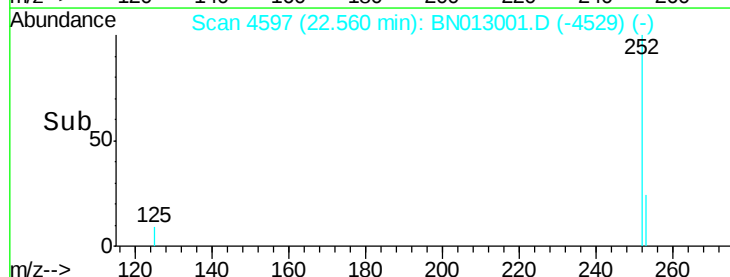
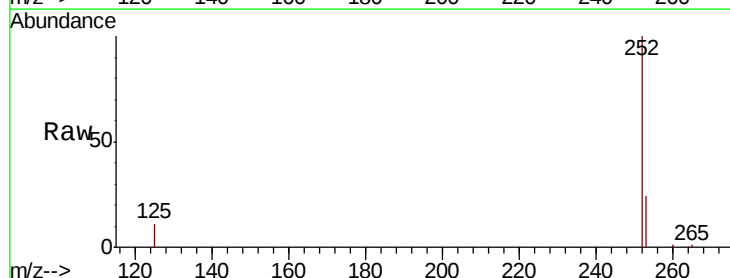
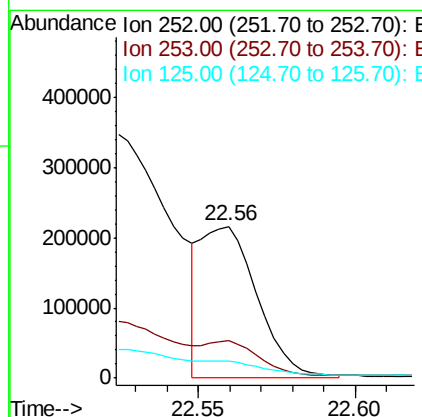
RT: 22.56 min Scan# 4597

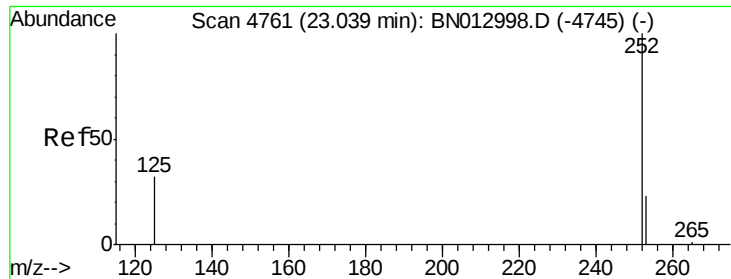
Delta R.T. -0.00 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Tgt Ion:	252	Resp:	271845
Ion Ratio	Lower	Upper	
252	100		
253	24.4	23.4	35.2
125	11.2	11.1	16.7





#23

Benzo(a)pyrene

Concen: 23.778 ng/ul m

RT: 23.05 min Scan# 4765

Delta R.T. 0.01 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Instrument :

BNA_N

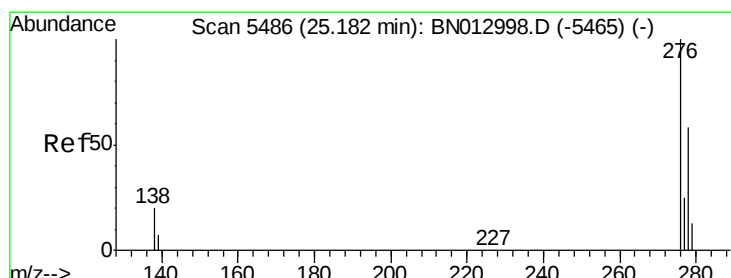
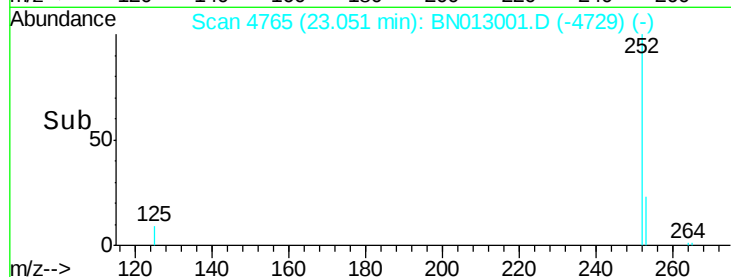
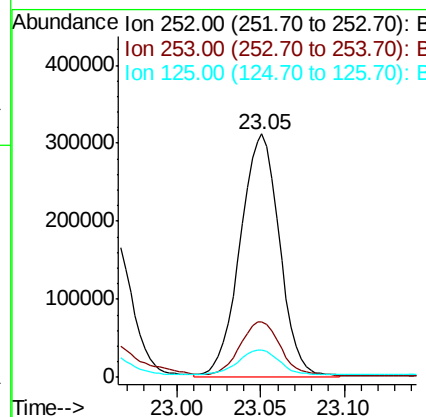
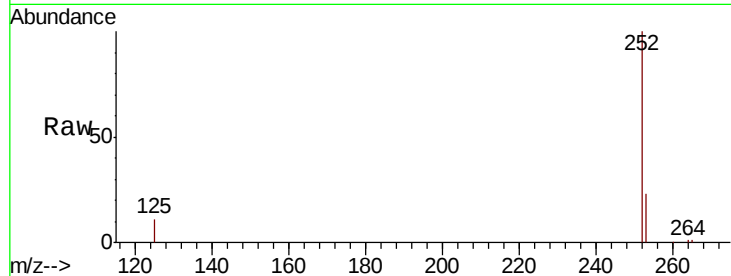
ClientSampleId :

C0BB5

Tot Ion:	252	Resp:	515674
Ion Ratio	Lower	Upper	
252	100		
253	23.0	26.5	39.7#
125	11.4	14.2	21.2#

Manual Integrations
APPROVED

mohammad
12/9/2020 12:26:00 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 9.624 ng/ul

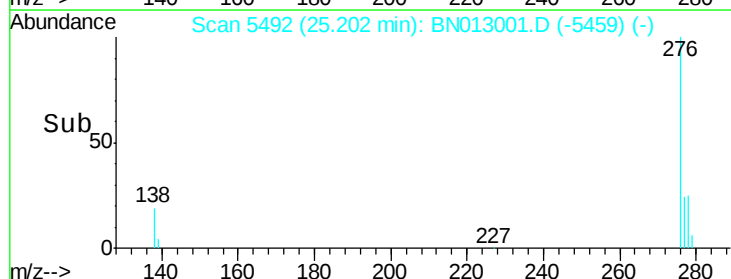
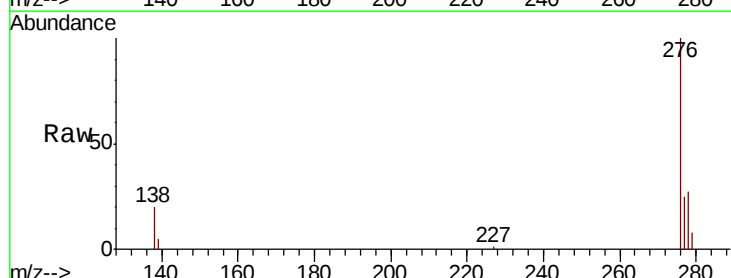
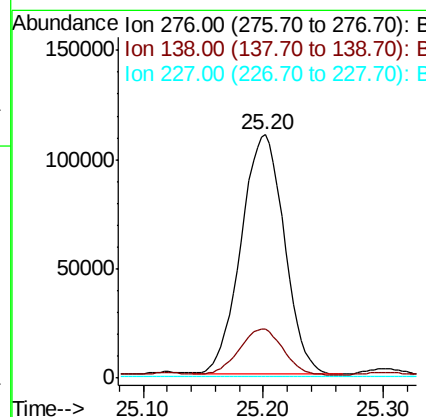
RT: 25.20 min Scan# 5492

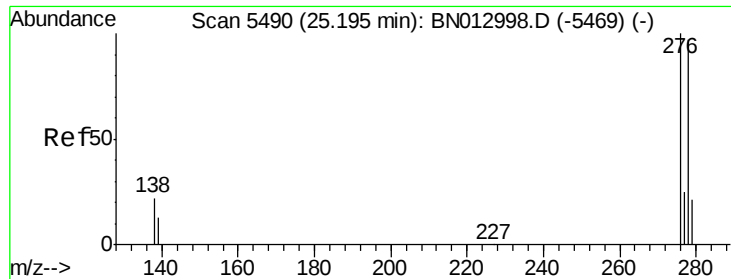
Delta R.T. 0.01 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Tgt Ion:	276	Resp:	274149
Ion Ratio	Lower	Upper	
276	100		
138	19.6	16.2	24.2
227	0.3	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 3.742 ng/ul

RT: 25.20 min Scan# 5493

Delta R.T. -0.00 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Instrument :

BNA_N

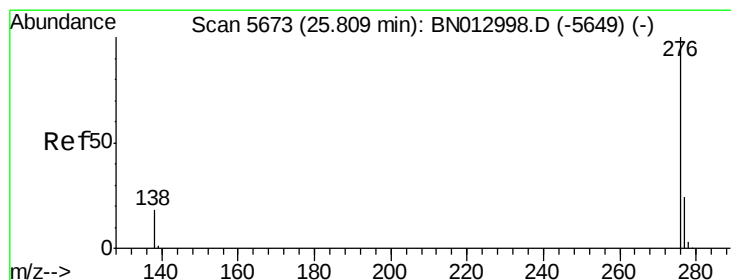
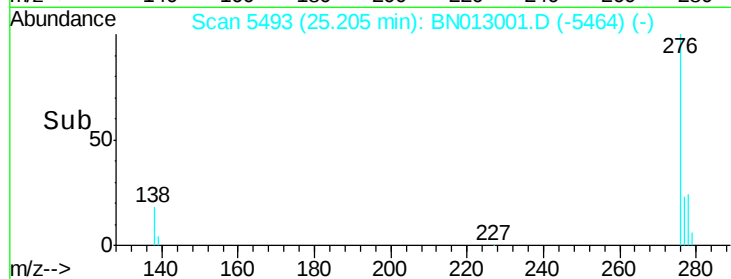
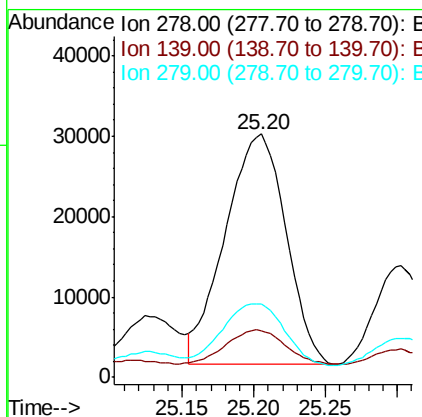
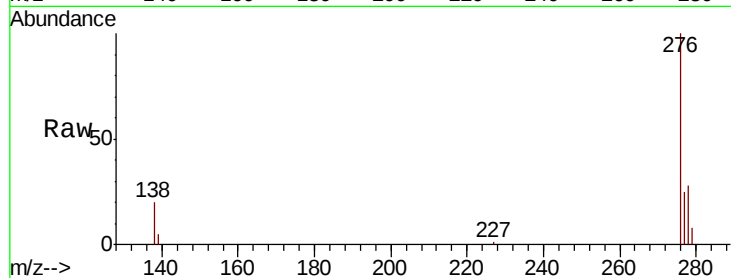
ClientSampleId :

C0BB5

Tot Ion:	278	Resp:	84321
Ion Ratio	Lower	Upper	
278	100		
139	19.2	14.5	21.7
279	30.0	26.3	39.5

Manual Integrations
APPROVED

mohammad
12/9/2020 12:26:00 PM



#26

Benzo(g,h,i)perylene

Concen: 9.638 ng/ul

RT: 25.83 min Scan# 5679

Delta R.T. 0.01 min

Lab File: BN013001.D

Acq: 09 Dec 2020 07:41

Tgt Ion:	276	Resp:	248341
Ion Ratio	Lower	Upper	
276	100		
138	19.9	16.3	24.5
277	23.9	21.8	32.6

