

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012671.D
 Acq On : 20 Nov 2020 22:27
 Operator : CG/JU
 Sample : L4710-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B35

Manual Integrations
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mohammad
 11/24/2020 8:56:23 AM

Quant Time: Nov 21 01:22:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 00:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1126	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4584	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2649	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5417m	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	4644	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5254	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1495	0.23	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	3431	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.26	128	1279	0.093	ng/ul#	91
5) 2-Methylnaphthalene	11.89	142	650	0.074	ng/ul	97
7) Acenaphthylene	13.82	152	3050	0.236	ng/ul	98
8) Acenaphthene	14.16	153	2106	0.193	ng/ul	98
9) Fluorene	15.16	166	2954	0.247	ng/ul	98
12) Phenanthrene	16.89	178	124707	6.616	ng/ul	95
13) Anthracene	16.98	178	23121	1.411	ng/ul	95
15) Fluoranthene	18.93	202	656506	30.168	ng/ul	99
17) Pyrene	19.29	202	543575	26.168	ng/ul	96
18) Benzo(a)anthracene	21.05	228	375686	22.575	ng/ul	98
19) Chrysene	21.10	228	467351	22.482	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	672085m	27.807	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	216360m	7.762	ng/ul	
23) Benzo(a)pyrene	23.09	252	425674	18.713	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.27	276	321698	10.815	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.28	278	81830	3.424	ng/ul	93
26) Benzo(a,h,i)perylene	25.91	276	297005	11.094	ng/ul	96

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

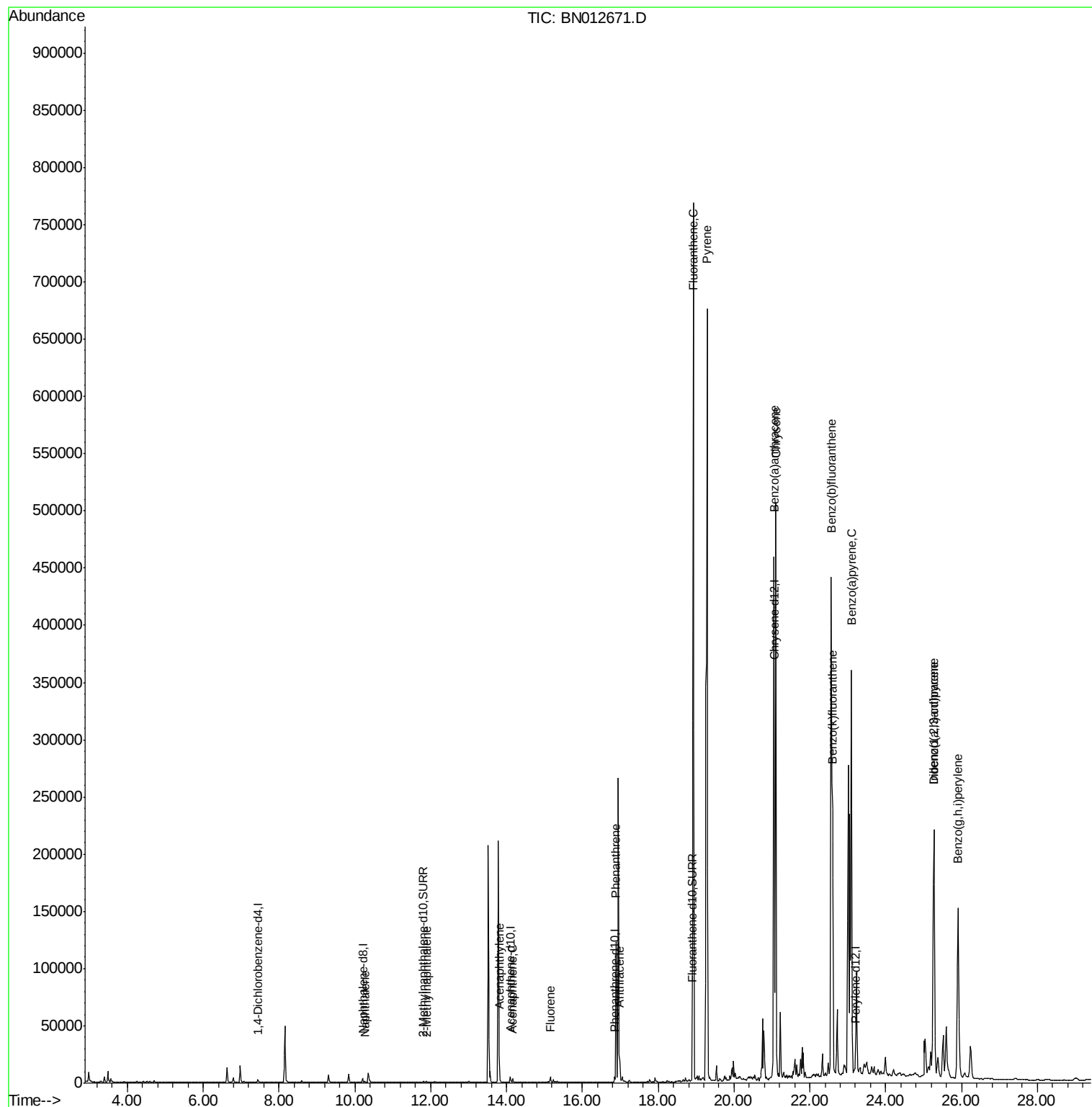
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012671.D
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ALS Vial : 18 Sample Multiplier: 1

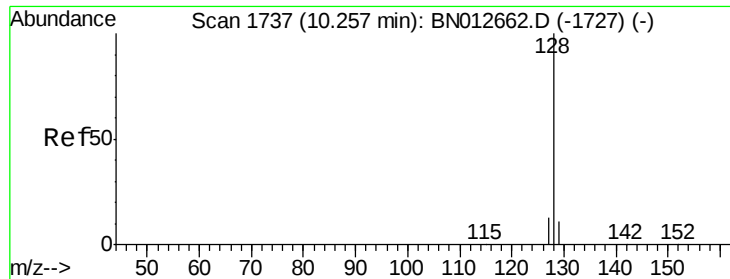
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Quant Time: Nov 21 01:22:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.093 ng/ul

RT: 10.26 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BN012671.D

Acq: 20 Nov 2020 22:27

Instrument :

BNA_N

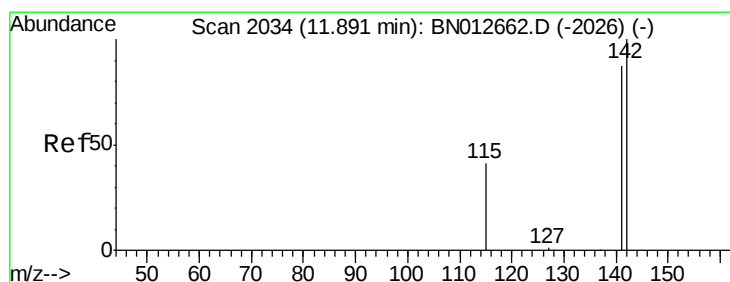
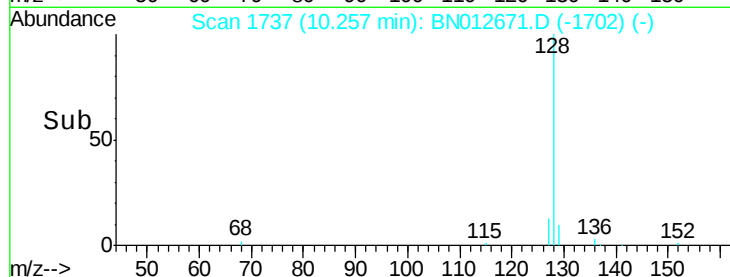
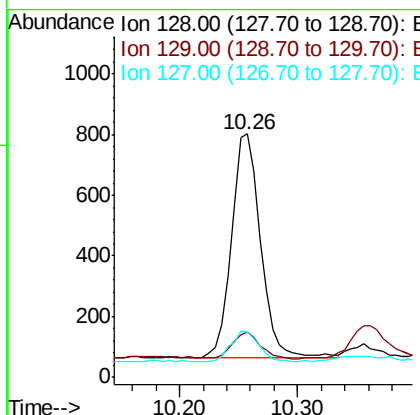
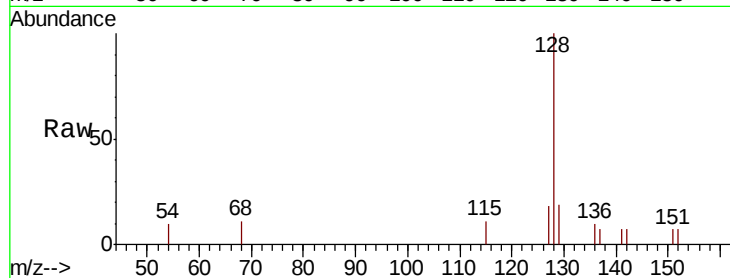
ClientSampled :

C0B35

Tot Ion:	128	Resp:	1279
Ion Ratio	Lower	Upper	
128	100		
129	18.6	11.2	16.8#
127	18.3	12.5	18.7

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#5

2-Methylnaphthalene

Concen: 0.074 ng/ul

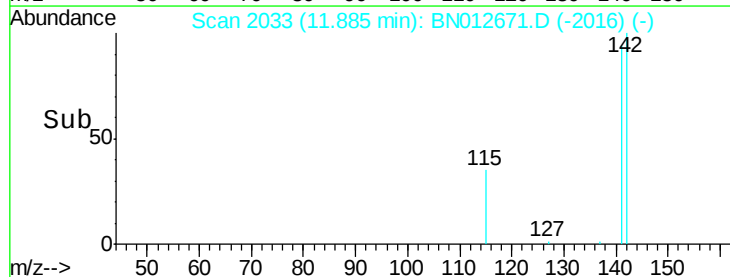
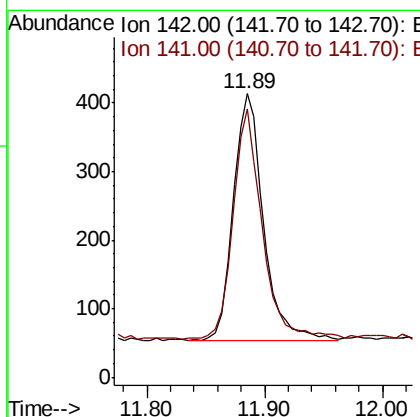
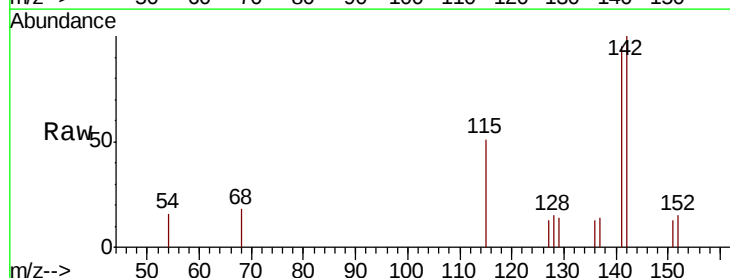
RT: 11.89 min Scan# 2033

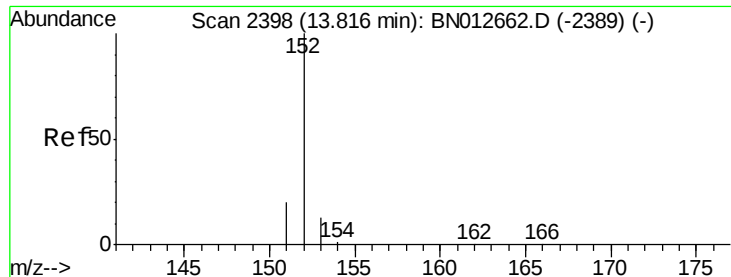
Delta R.T. -0.01 min

Lab File: BN012671.D

Acq: 20 Nov 2020 22:27

Tgt Ion:	142	Resp:	650
Ion Ratio	Lower	Upper	
142	100		
141	87.5	72.3	108.5





#7

Acenaphthylene

Concen: 0.236 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012671.D

Acq: 20 Nov 2020 22:27

Instrument :

BNA_N

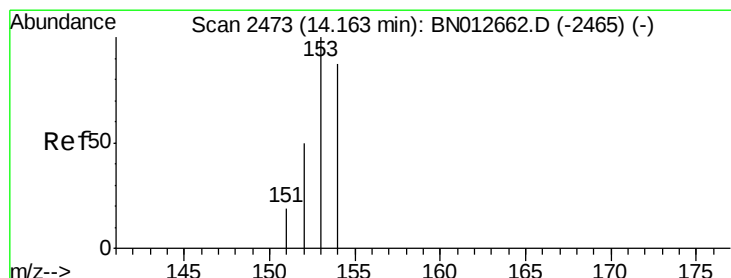
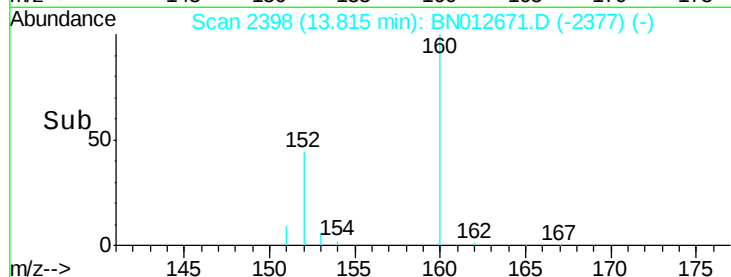
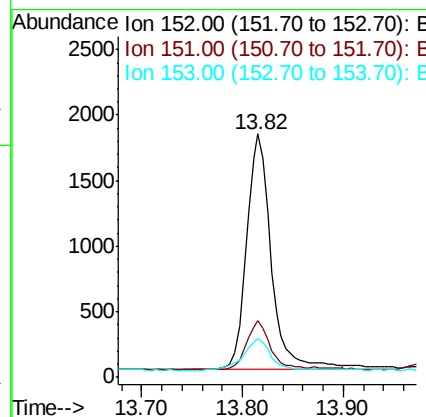
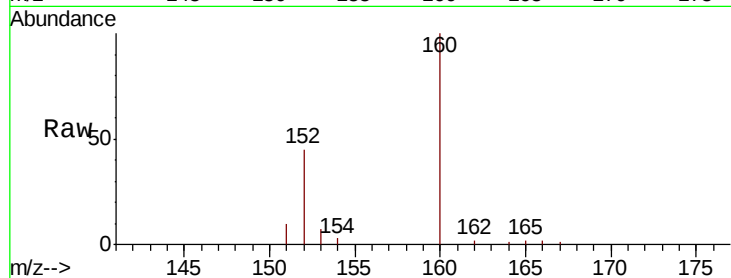
ClientSampleID :

C0B35

Tot Ion:	152	Resp:	3050
Ion Ratio	Lower	Upper	
152	100		
151	23.2	17.1	25.7
153	15.7	12.6	19.0

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#8

Acenaphthene

Concen: 0.193 ng/ul

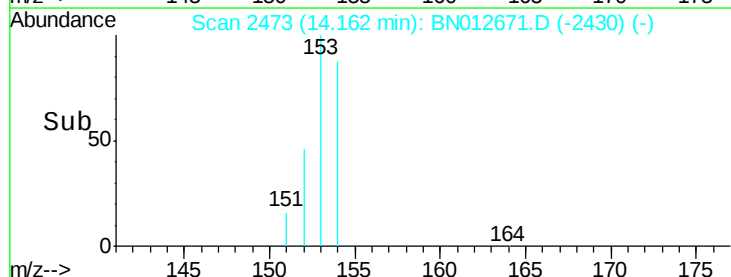
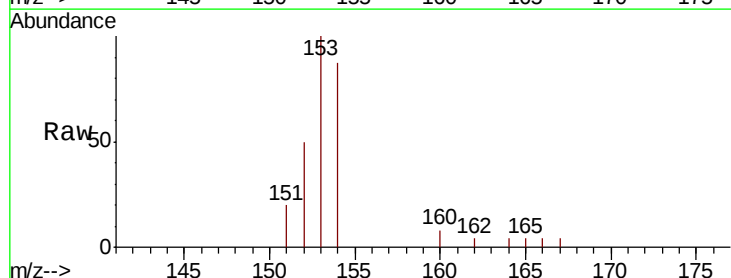
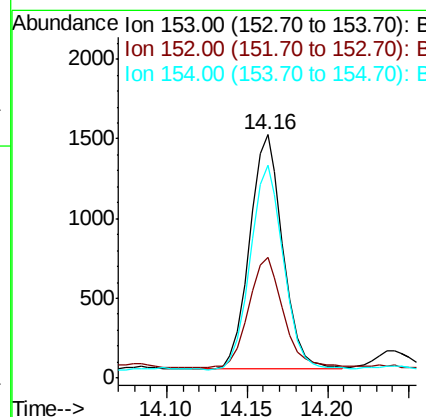
RT: 14.16 min Scan# 2473

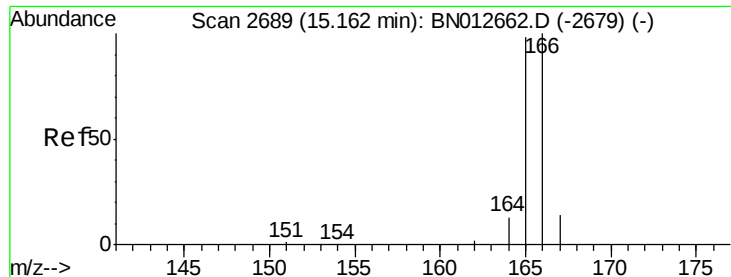
Delta R.T. -0.00 min

Lab File: BN012671.D

Acq: 20 Nov 2020 22:27

Tgt Ion:	153	Resp:	2106
Ion Ratio	Lower	Upper	
153	100		
152	49.8	41.4	62.0
154	87.3	70.9	106.3





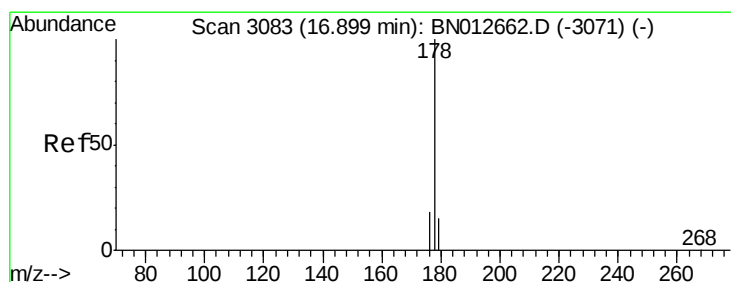
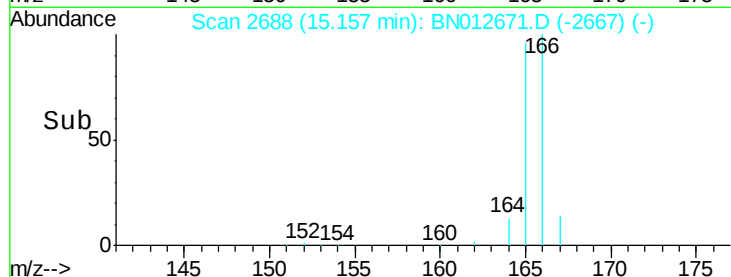
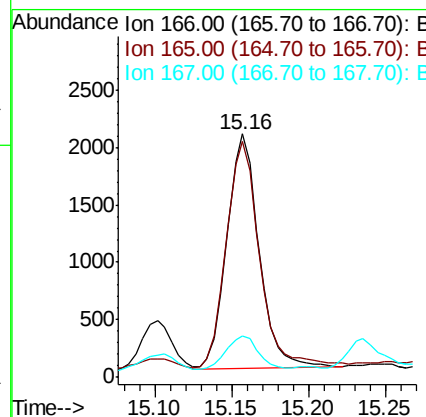
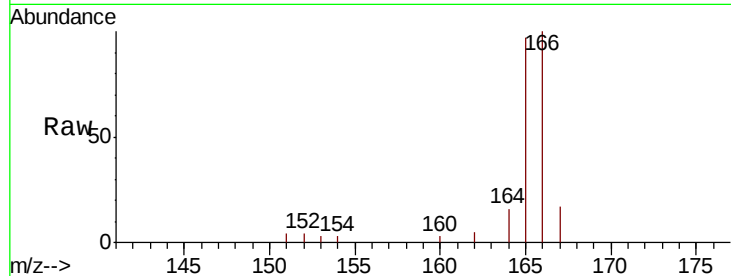
#9
Fluorene
 Concen: 0.247 ng/ul
 RT: 15.16 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: BN012671.D
 Acq: 20 Nov 2020 22:27

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:	166	Resp:	2954
Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.5	117.7
167	17.1	12.7	19.1

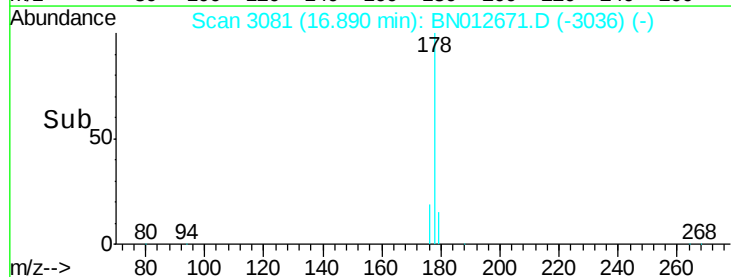
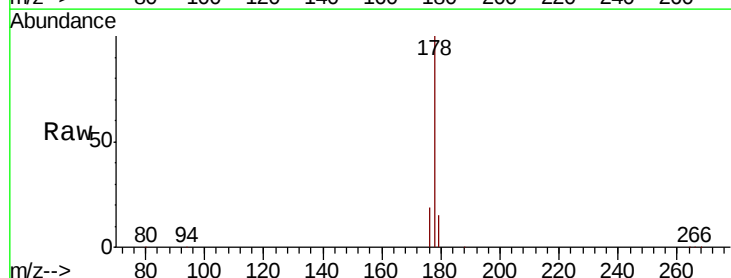
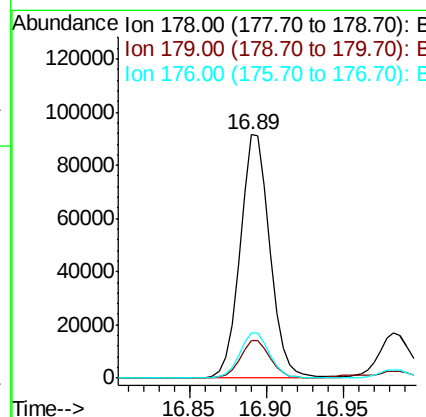
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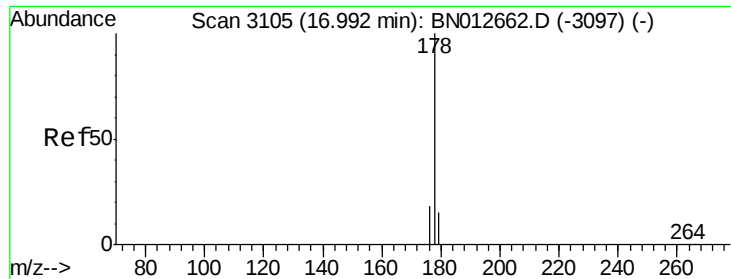
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#12
Phenanthrene
 Concen: 6.616 ng/ul
 RT: 16.89 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BN012671.D
 Acq: 20 Nov 2020 22:27

Tgt Ion:	178	Resp:	124707
Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.8	20.6
176	18.7	16.7	25.1





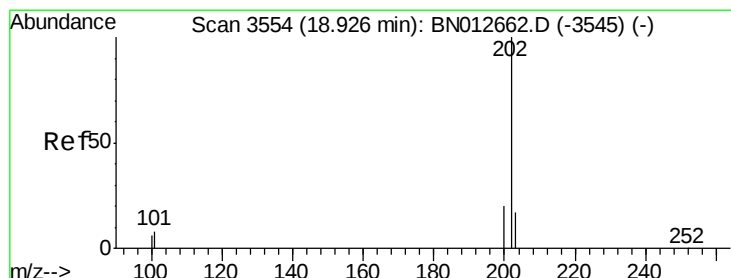
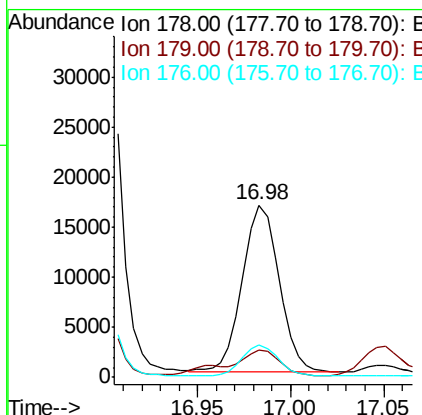
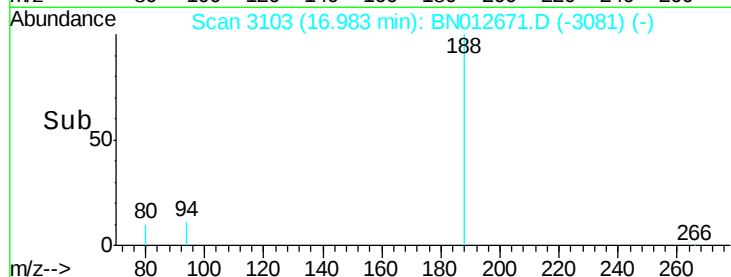
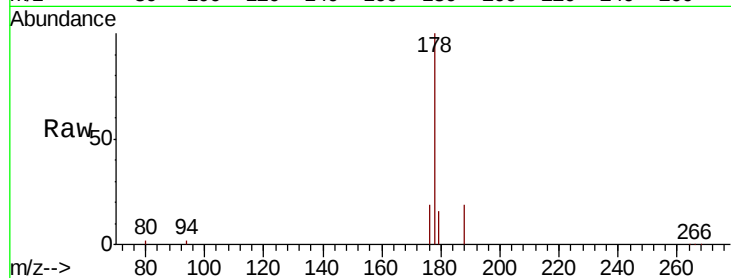
#13
 Anthracene
 Concen: 1.411 ng/ul
 RT: 16.98 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BN012671.D
 Acq: 20 Nov 2020 22:27

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.8	22.2
176	18.6	16.3	24.5

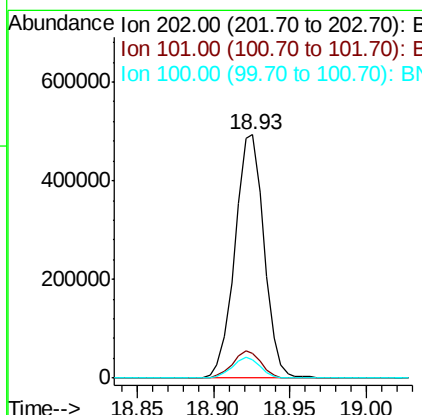
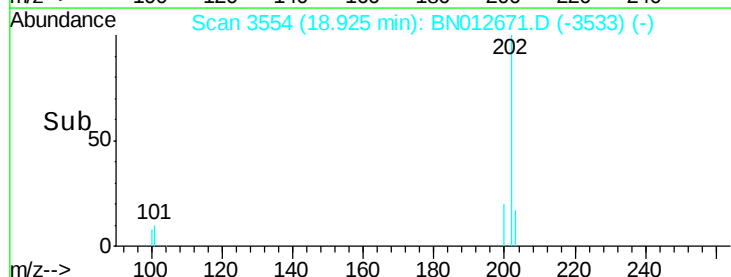
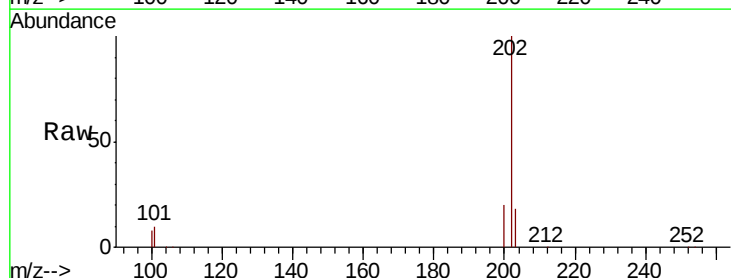
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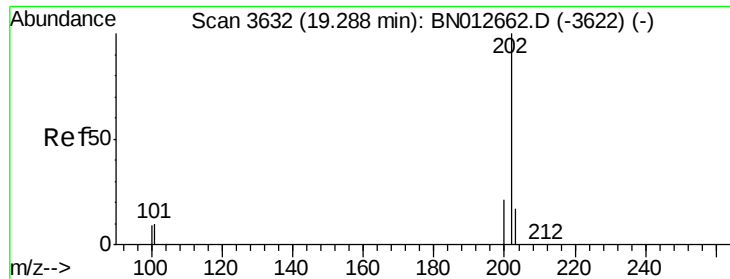
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#15
 Fluoranthene
 Concen: 30.168 ng/ul
 RT: 18.93 min Scan# 3554
 Delta R.T. -0.00 min
 Lab File: BN012671.D
 Acq: 20 Nov 2020 22:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.5
100	7.8	0.0	28.4





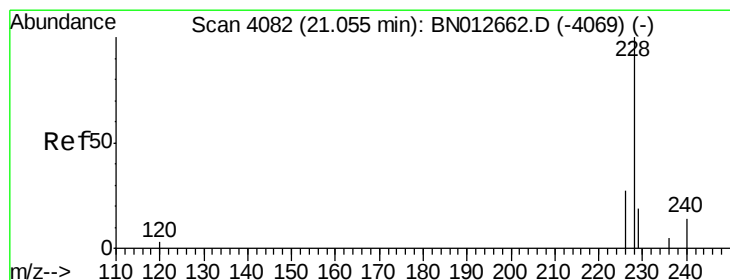
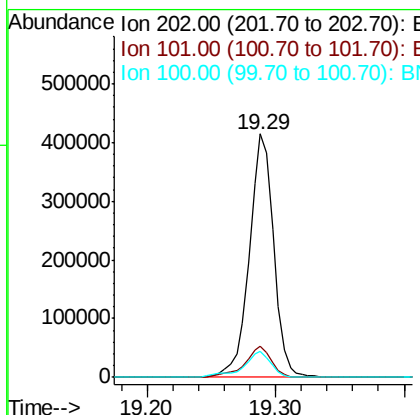
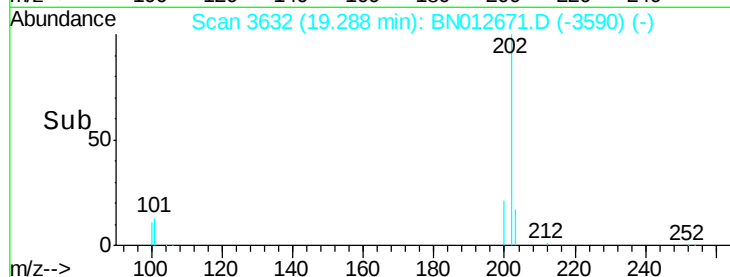
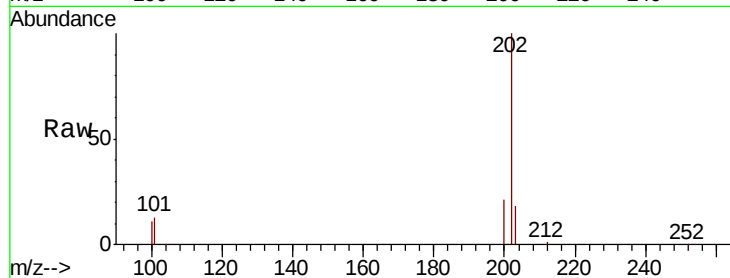
#17
Pvrene
Concen: 26.168 ng/ul
RT: 19.29 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BN012671.D
Acq: 20 Nov 2020 22:27

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	8.9	13.3
100	10.6	7.4	11.2

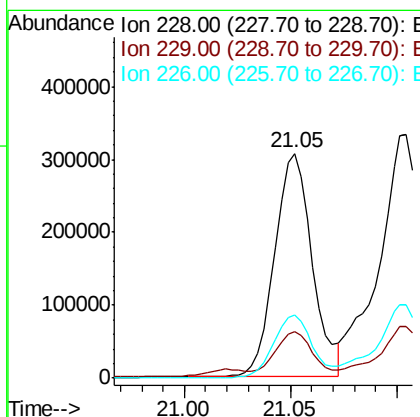
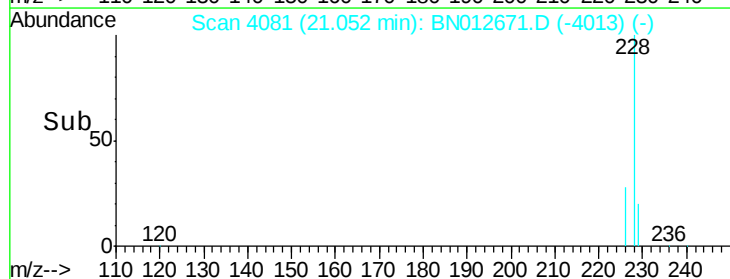
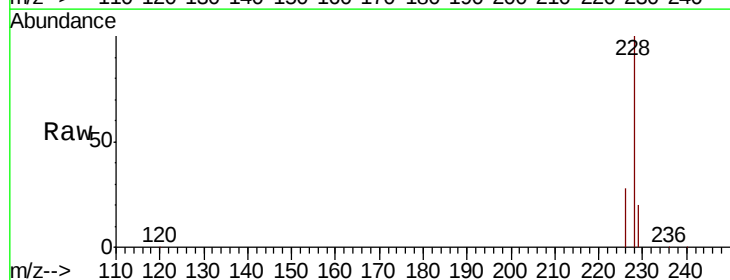
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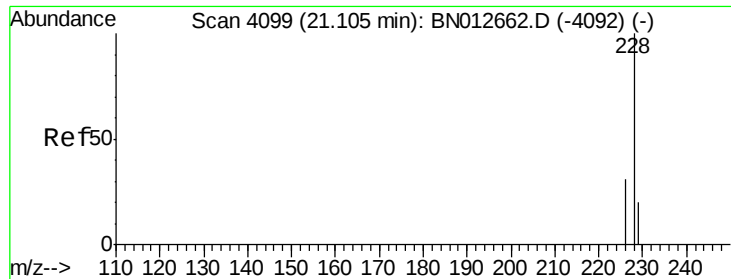
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#18
Benzo(a)anthracene
Concen: 22.575 ng/ul
RT: 21.05 min Scan# 4081
Delta R.T. -0.00 min
Lab File: BN012671.D
Acq: 20 Nov 2020 22:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	16.9	25.3
226	28.0	23.1	34.7





#19

Chrysene

Concen: 22.482 ng/ul

RT: 21.10 min Scan# 4099

Delta R.T. -0.00 min

Lab File: BN012671.D

Acq: 20 Nov 2020 22:27

Instrument :

BNA_N

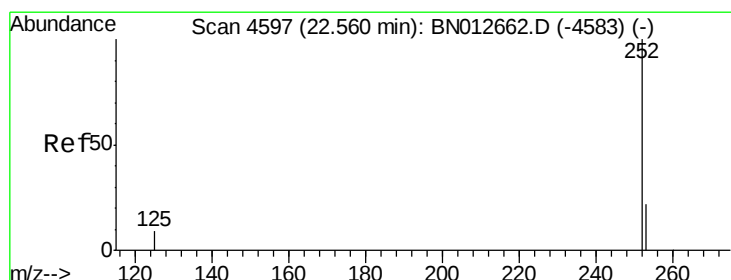
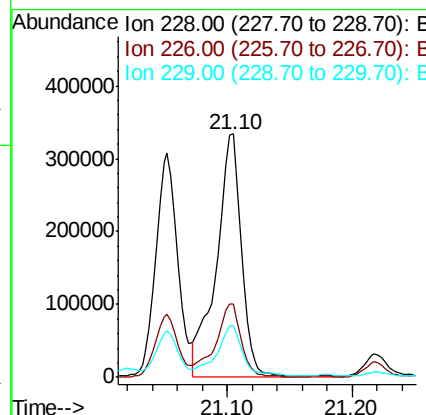
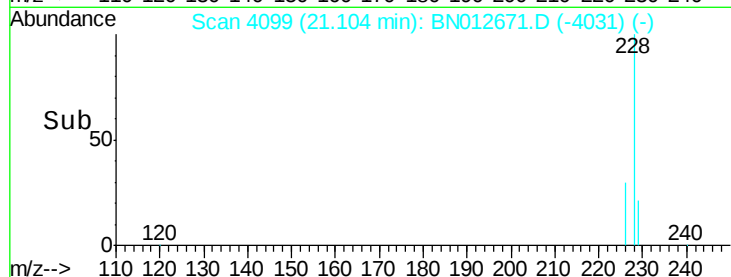
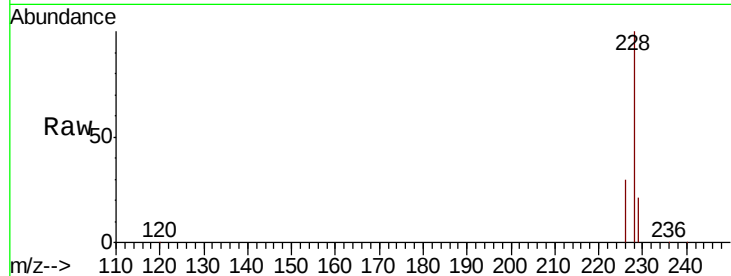
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Tot Ion:	228	Resp:	467351
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.4	36.6
229	21.4	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 27.807 ng/ul m

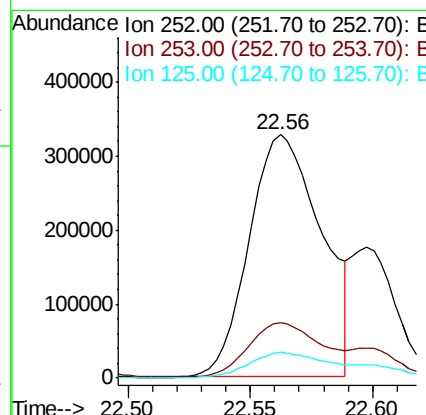
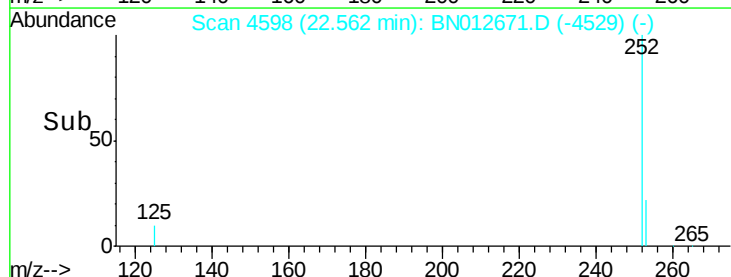
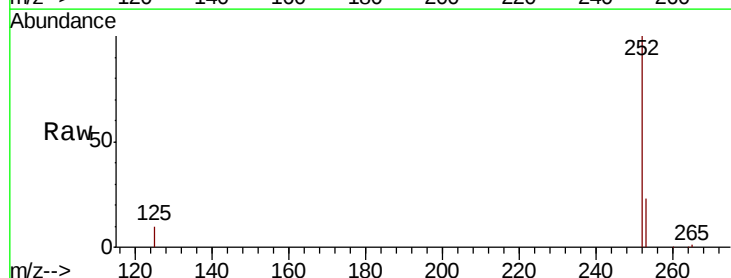
RT: 22.56 min Scan# 4598

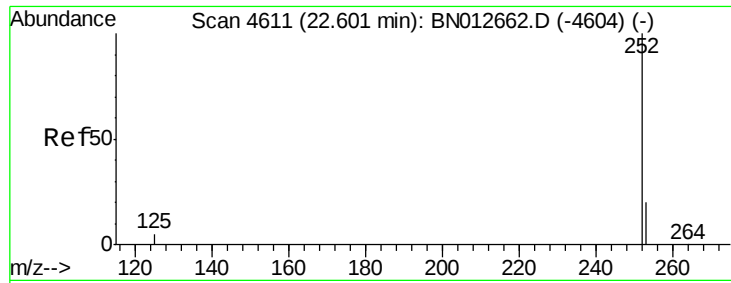
Delta R.T. 0.00 min

Lab File: BN012671.D

Acq: 20 Nov 2020 22:27

Tgt Ion:	252	Resp:	672085
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	58.4
125	10.4	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 7.762 ng/ul

RT: 22.60 min Scan# 4610

Delta R.T. -0.00 min

Lab File: BN012671.D

Acq: 20 Nov 2020 22:27

Instrument :

BNA_N

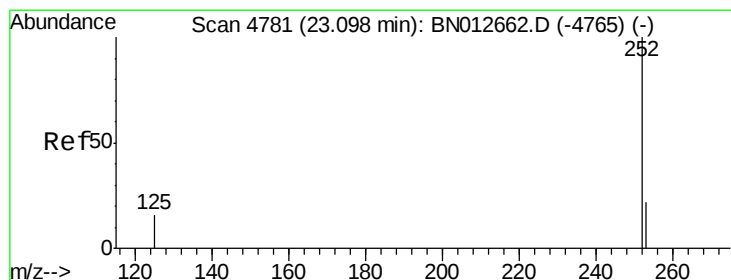
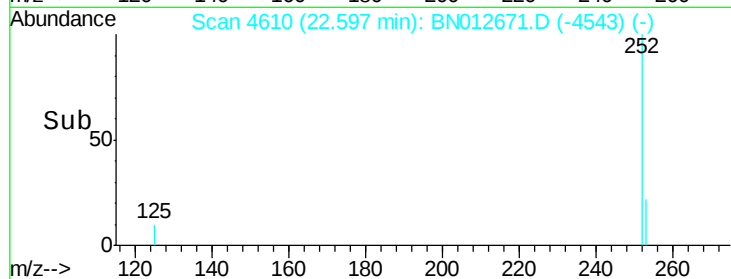
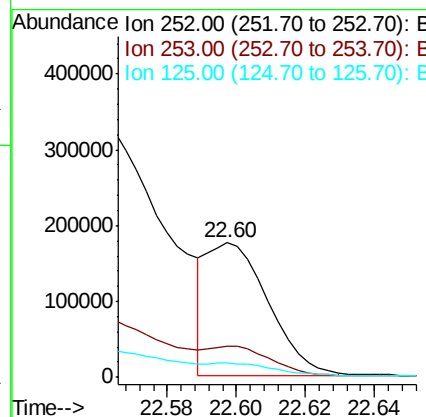
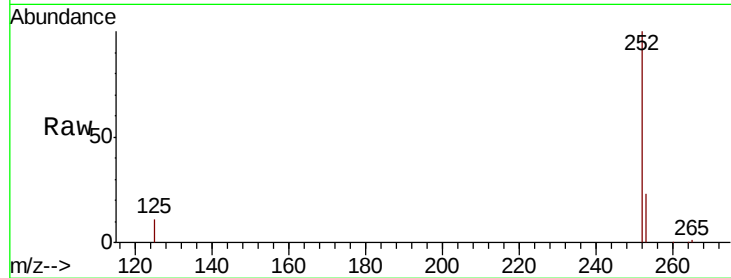
ClientSampleId :

C0B35

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.4	35.2#
125	10.6	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 18.713 ng/ul

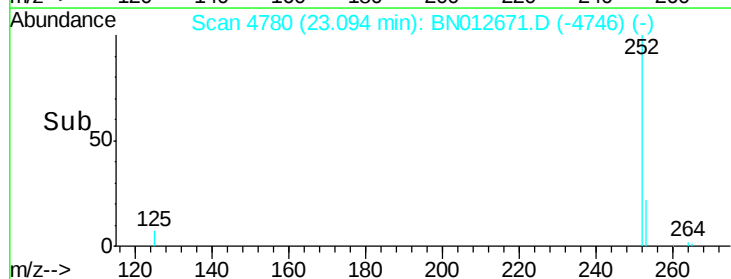
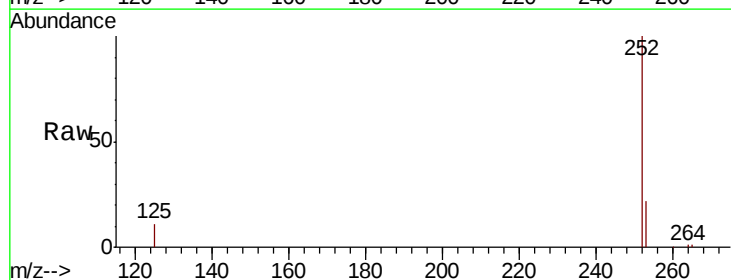
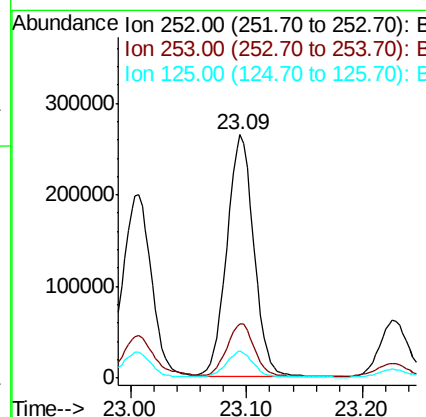
RT: 23.09 min Scan# 4780

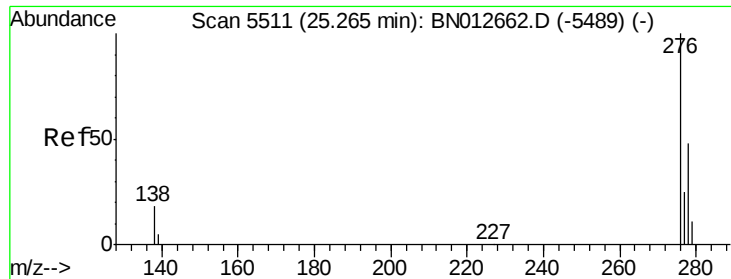
Delta R.T. -0.00 min

Lab File: BN012671.D

Acq: 20 Nov 2020 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	27.6	41.4#
125	11.0	17.0	25.4#





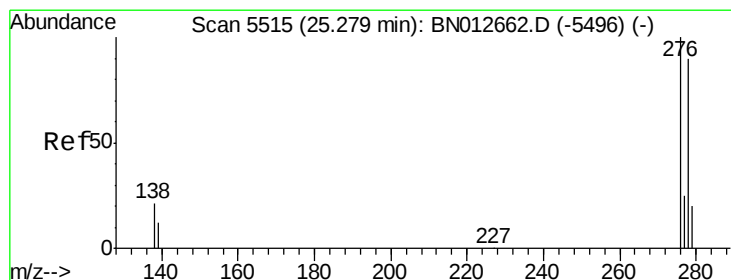
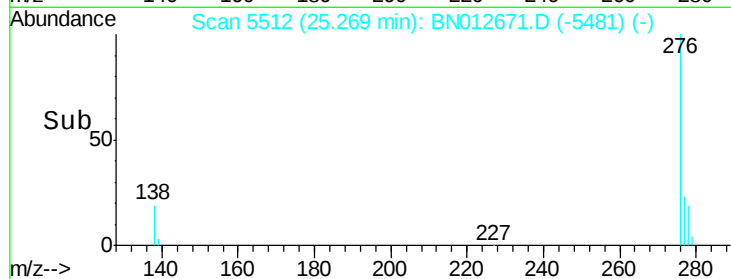
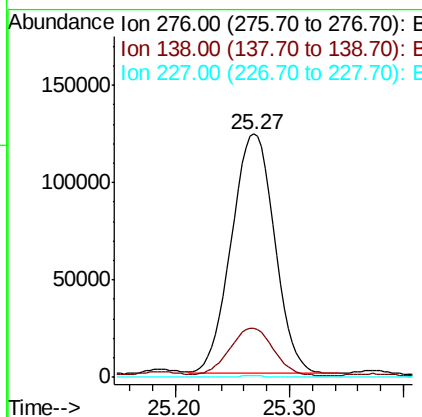
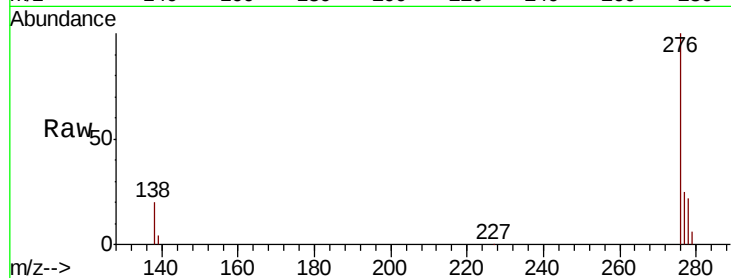
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 10.815 ng/ul
 RT: 25.27 min Scan# 5512
 Delta R.T. 0.00 min
 Lab File: BN012671.D
 Acq: 20 Nov 2020 22:27

Instrument :
 BNA_N
 ClientSampleId :
 C0B35

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.5	24.7
227	0.2	0.1	0.1#

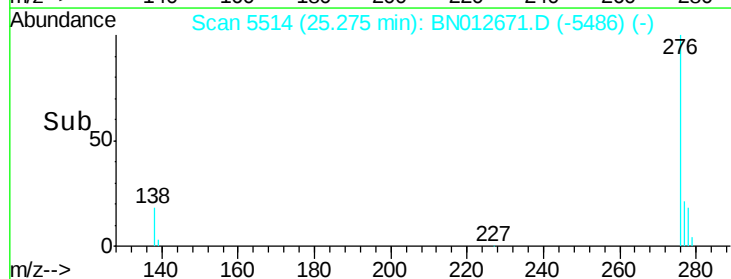
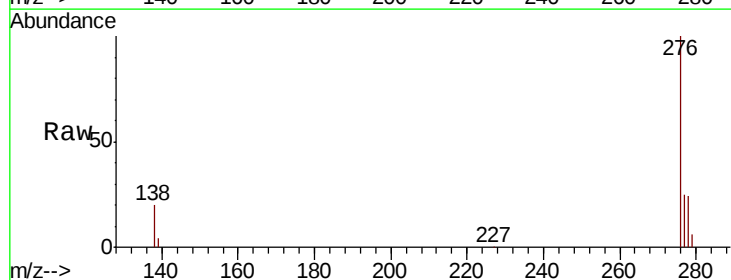
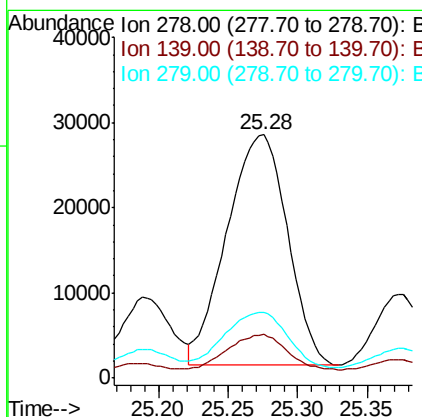
Manual Integrations
 APPROVED

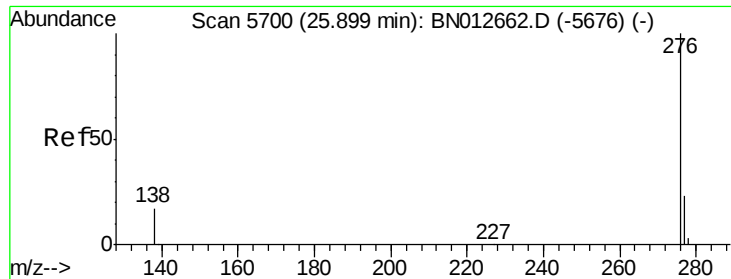
mohammad
 11/24/2020 8:56:23 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.424 ng/ul
 RT: 25.28 min Scan# 5514
 Delta R.T. -0.01 min
 Lab File: BN012671.D
 Acq: 20 Nov 2020 22:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.8	20.8
279	26.9	25.6	38.4





#26
Benzo(a,h,i)perylene
Concen: 11.094 ng/ul
RT: 25.91 min Scan# 5702
Delta R.T. 0.01 min
Lab File: BN012671.D
Acq: 20 Nov 2020 22:27

Instrument :
BNA_N
ClientSampleId :
C0B35

Tot Ion:	276	Resp:	297005
Ion Ratio	Lower	Upper	
276	100		
138	20.3	16.3	24.5
277	24.0	21.8	32.8

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:23 AM

