

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012684.D
 Acq On : 21 Nov 2020 13:38
 Operator : CG/JU
 Sample : L4710-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B35

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:56:53 AM

Quant Time: Nov 23 02:01:59 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 : Mon Nov 23 01:22:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1212	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4795	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2780	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5869	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	5251	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	6044	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1411	0.20	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	3294	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.25	128	1187	0.082	ng/ul#	90
5) 2-Methylnaphthalene	11.89	142	620	0.067	ng/ul	97
7) Acenaphthylene	13.82	152	2712	0.200	ng/ul	99
8) Acenaphthene	14.16	153	1966	0.172	ng/ul	97
9) Fluorene	15.16	166	2754	0.219	ng/ul	98
12) Phenanthrene	16.89	178	117911	5.774	ng/ul	96
13) Anthracene	16.98	178	21657	1.220	ng/ul	95
15) Fluoranthene	18.92	202	651442	27.630	ng/ul	99
17) Pyrene	19.29	202	547790	23.322	ng/ul	98
18) Benzo(a)anthracene	21.05	228	380854	20.240	ng/ul	98
19) Chrysene	21.10	228	487472	20.739	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	707690m	25.453	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	226543m	7.065	ng/ul	
23) Benzo(a)pyrene	23.09	252	438944	16.774	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.27	276	333856	9.756	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.27	278	84859	3.086	ng/ul	94
26) Benzo(a,h,i)perylene	25.91	276	307582	9.988	ng/ul	96

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

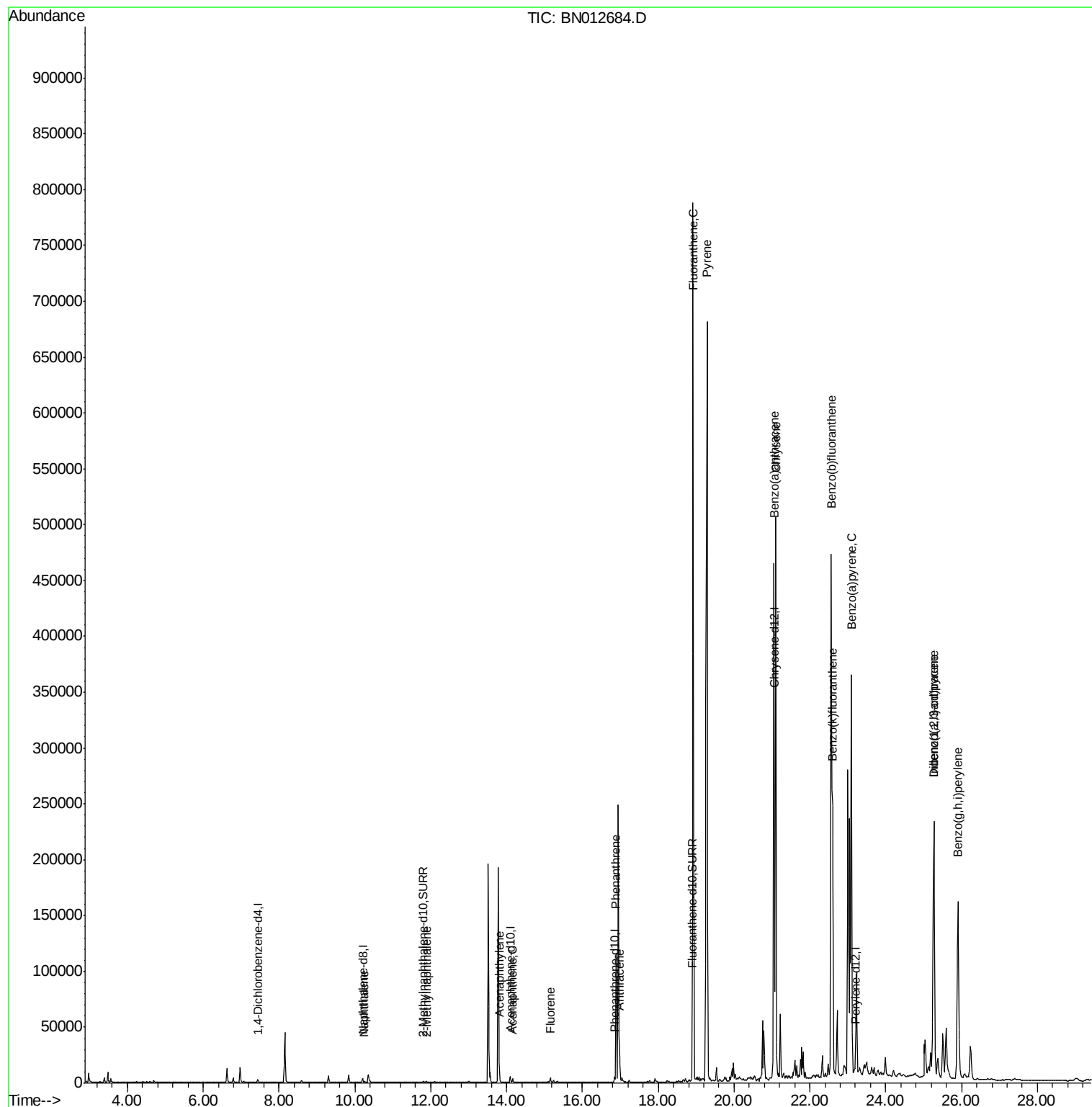
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012684.D
Acq On : 21 Nov 2020 13:38
Operator : CG/JU
Sample : L4710-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

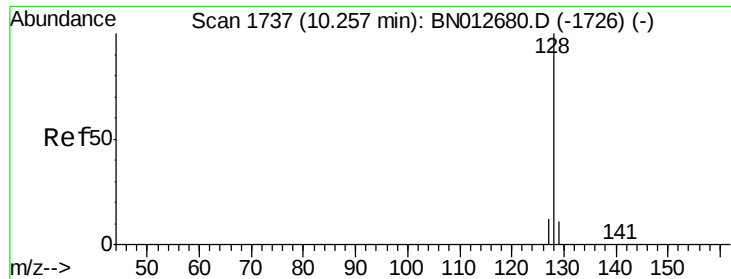
Instrument :
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Quant Time: Nov 23 02:01:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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QLast Update : Mon Nov 23 01:22:42 2020
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#3

Naphthalene

Concen: 0.082 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Instrument :

BNA_N

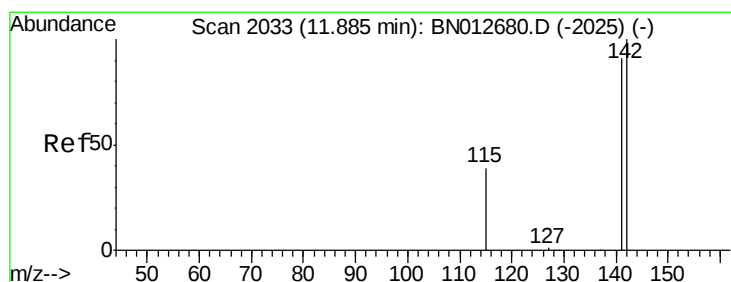
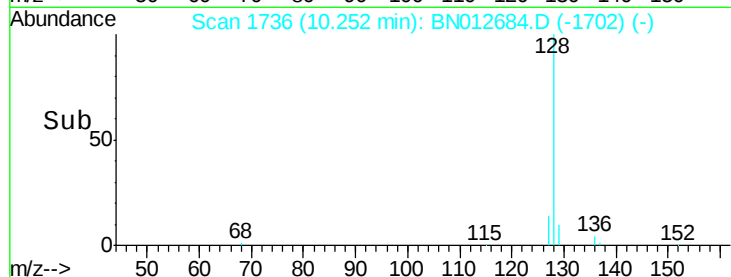
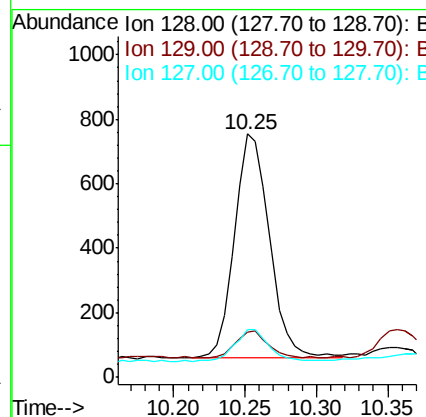
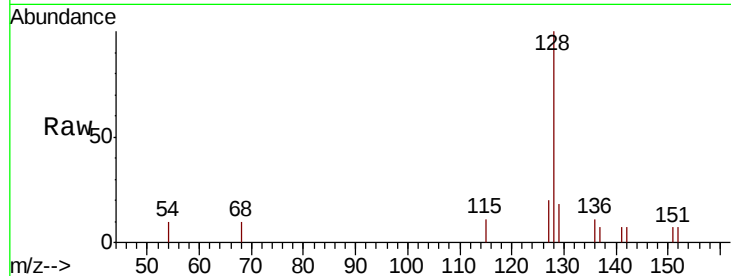
ClientSampleId :

C0B35

Tot Ion:	128	Resp:	1187
Ion Ratio	Lower	Upper	
128	100		
129	18.3	11.2	16.8#
127	19.7	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.067 ng/ul

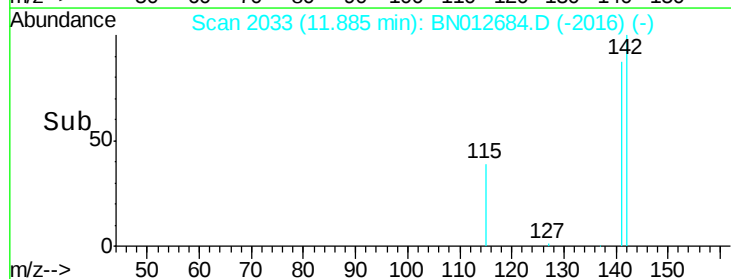
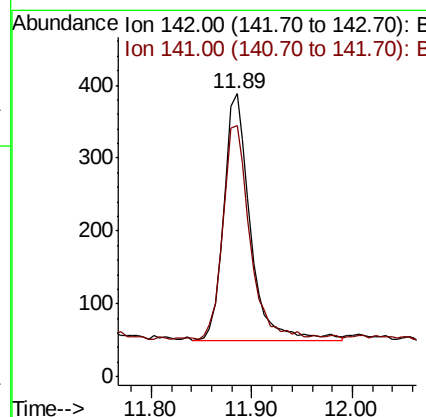
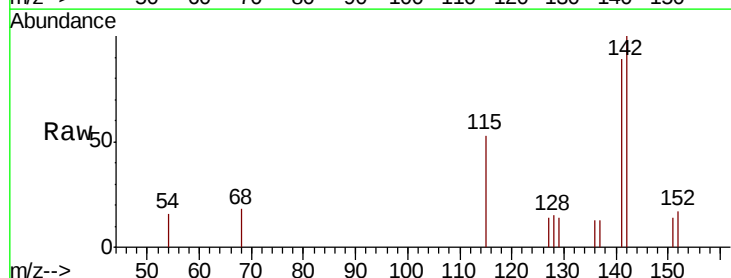
RT: 11.89 min Scan# 2033

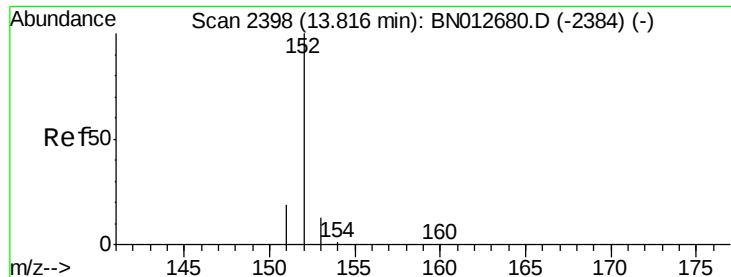
Delta R.T. -0.01 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Tgt Ion:	142	Resp:	620
Ion Ratio	Lower	Upper	
142	100		
141	87.6	72.3	108.5





#7

Acenaphthylene

Concen: 0.200 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Instrument :

BNA_N

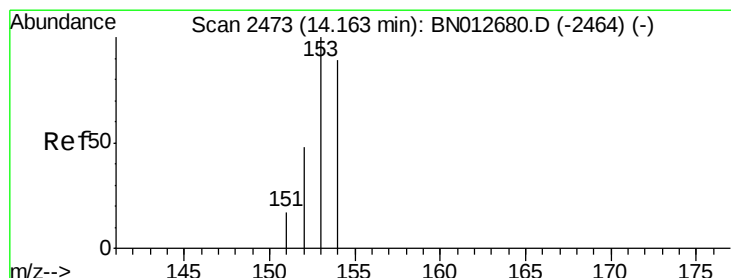
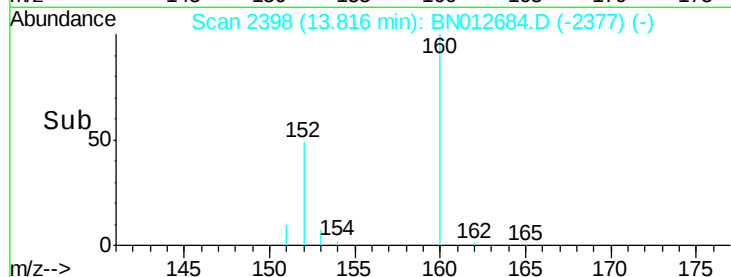
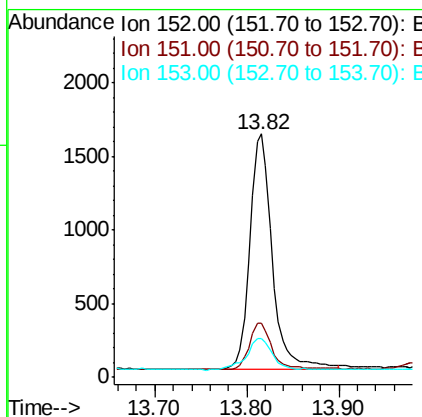
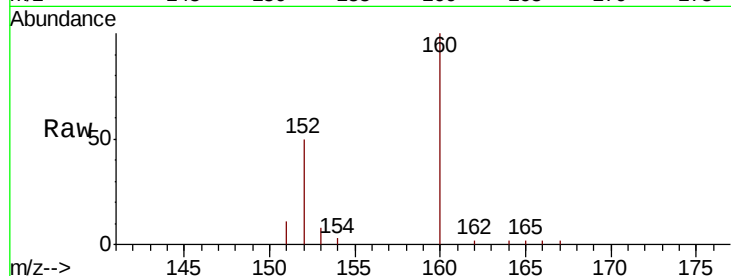
ClientSampleId :

C0B35

Tot Ion:	152	Resp:	2712
Ion Ratio	Lower	Upper	
152	100		
151	22.4	17.1	25.7
153	16.1	12.6	19.0

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#8

Acenaphthene

Concen: 0.172 ng/ul

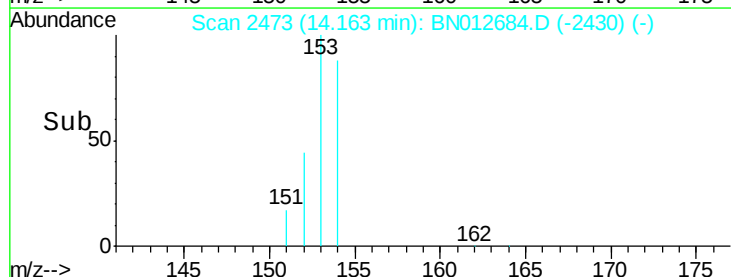
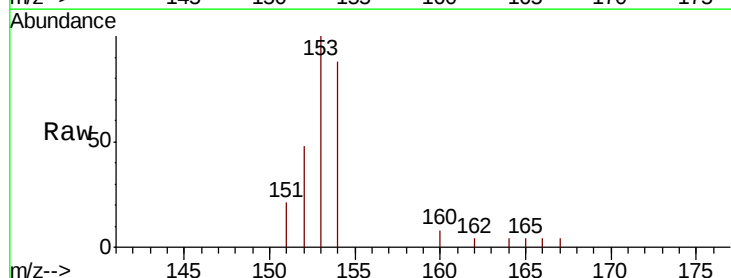
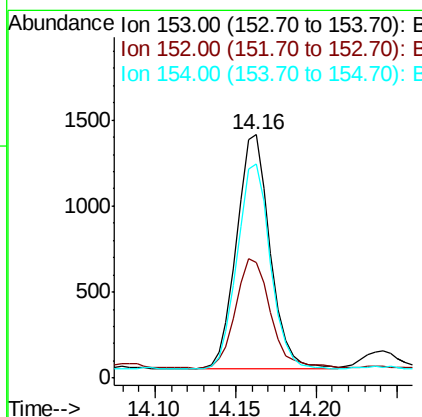
RT: 14.16 min Scan# 2473

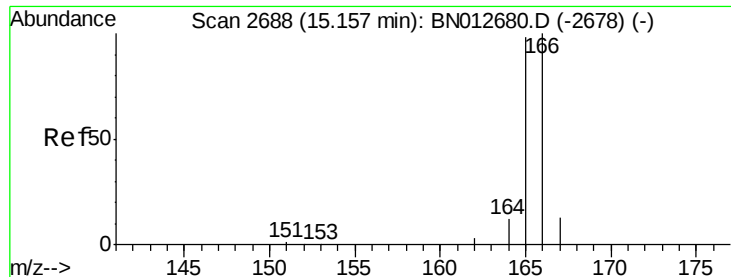
Delta R.T. -0.00 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Tgt Ion:	153	Resp:	1966
Ion Ratio	Lower	Upper	
153	100		
152	47.5	41.4	62.0
154	88.0	70.9	106.3





#9

Fluorene

Concen: 0.219 ng/ul

RT: 15.16 min Scan# 2688

Delta R.T. -0.00 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Instrument :

BNA_N

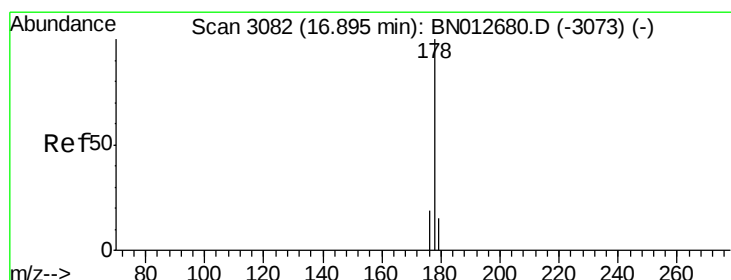
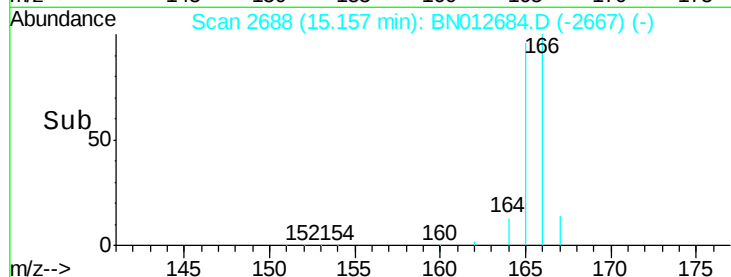
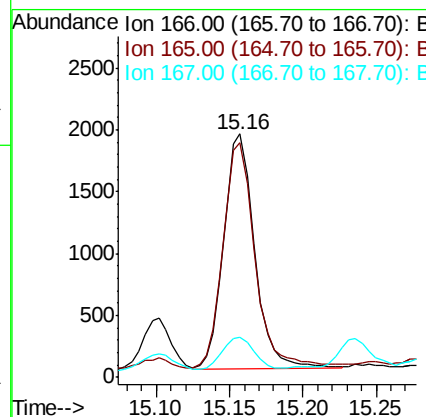
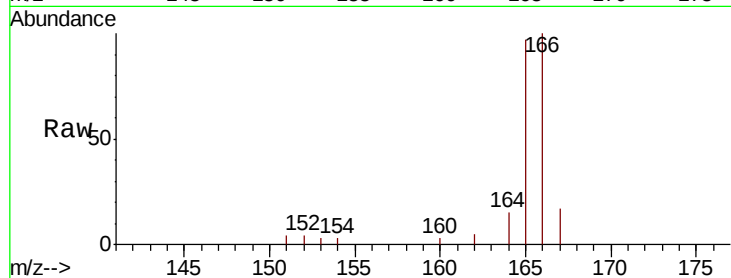
ClientSampleId :

C0B35

Tot Ion:	166	Resp:	2754
Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.5	117.7
167	16.7	12.7	19.1

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#12

Phenanthrene

Concen: 5.774 ng/ul

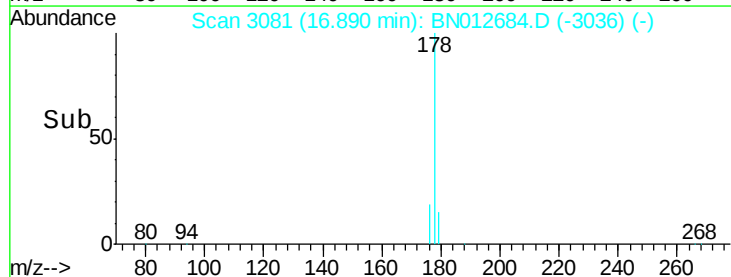
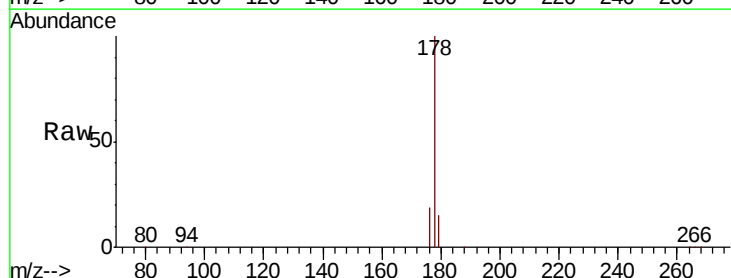
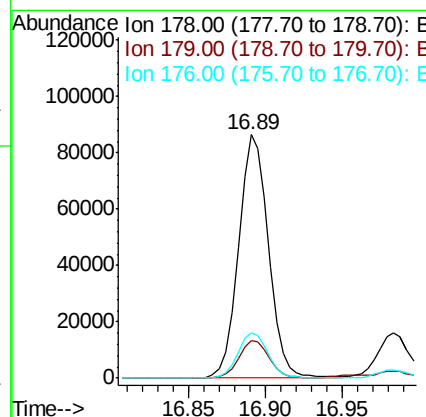
RT: 16.89 min Scan# 3081

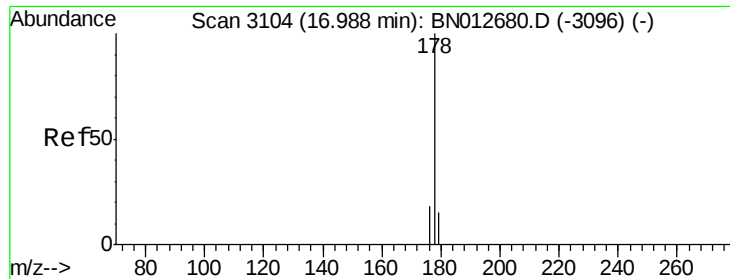
Delta R.T. -0.01 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Tgt Ion:	178	Resp:	117911
Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.8	20.6
176	18.8	16.7	25.1





#13

Anthracene

Concen: 1.220 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Instrument :

BNA_N

ClientSampleId :

C0B35

Tot Ion:178 Resp: 21657

Ion Ratio Lower Upper

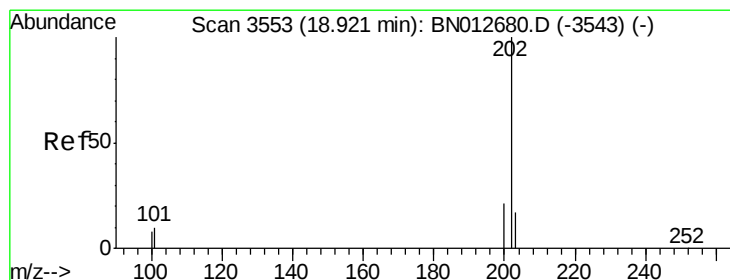
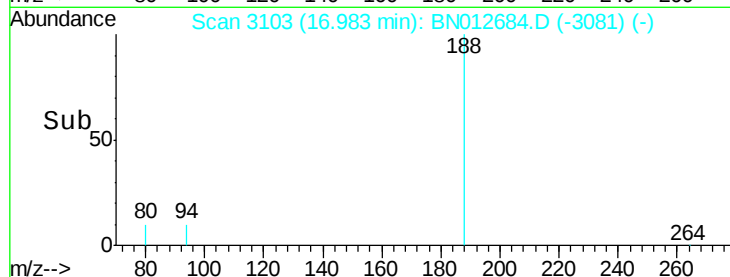
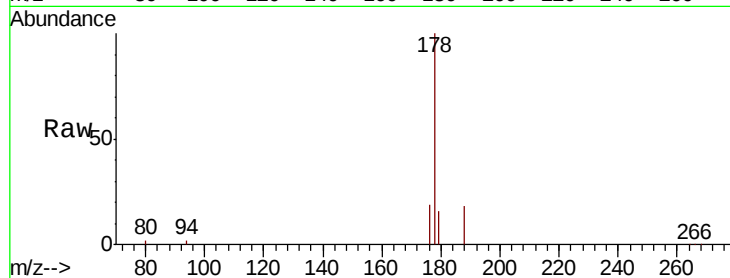
178 100

179 15.9 14.8 22.2

176 18.5 16.3 24.5

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#15

Fluoranthene

Concen: 27.630 ng/ul

RT: 18.92 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

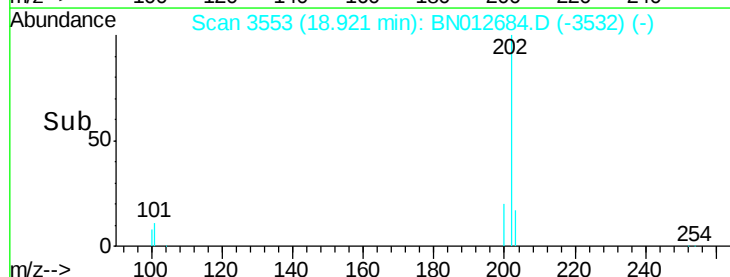
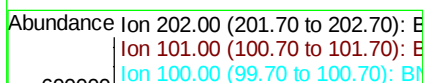
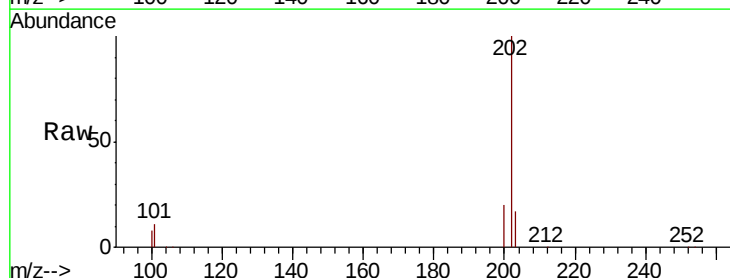
Tgt Ion:202 Resp: 651442

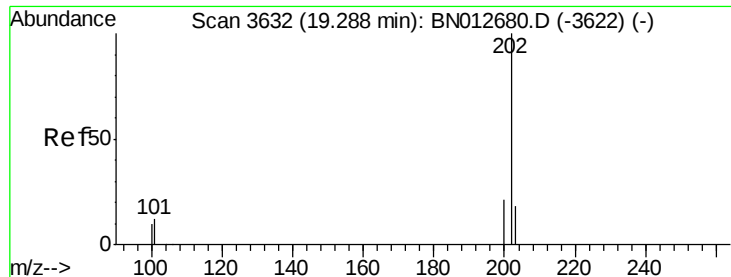
Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.5

100 8.4 0.0 28.4





#17

Pvrene

Concen: 23.322 ng/ul

RT: 19.29 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Instrument :

BNA_N

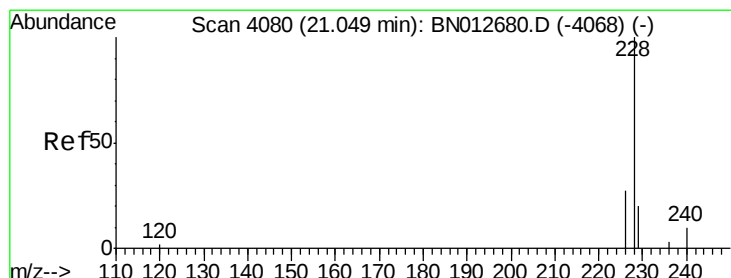
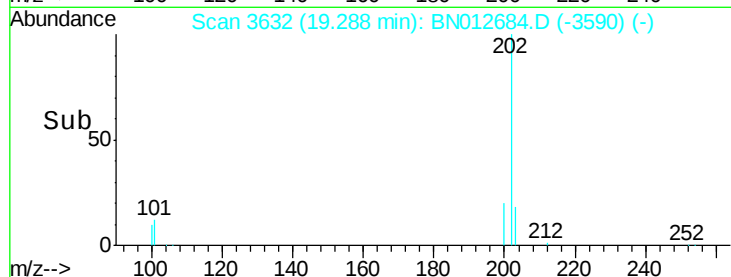
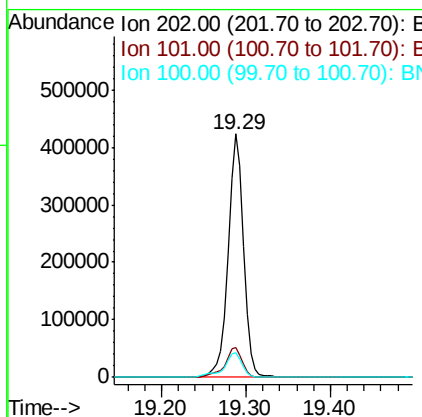
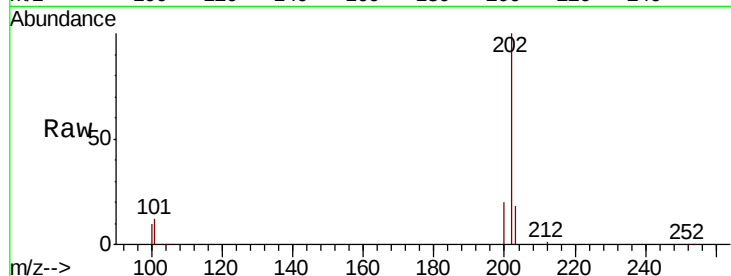
ClientSampleId :

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Tot Ion:	202	Resp:	547790
Ion Ratio		Lower	Upper
202	100		
101	12.1	8.9	13.3
100	9.9	7.4	11.2

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#18

Benzo(a)anthracene

Concen: 20.240 ng/ul

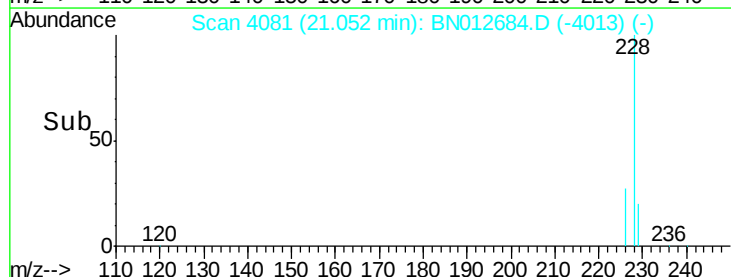
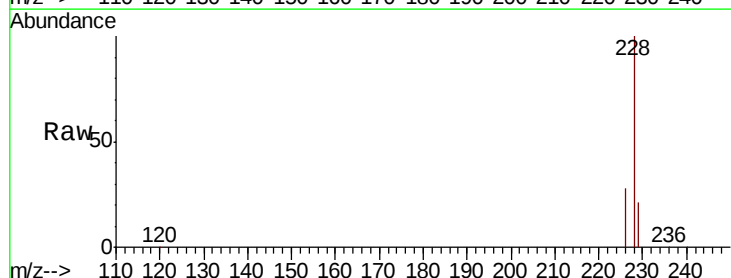
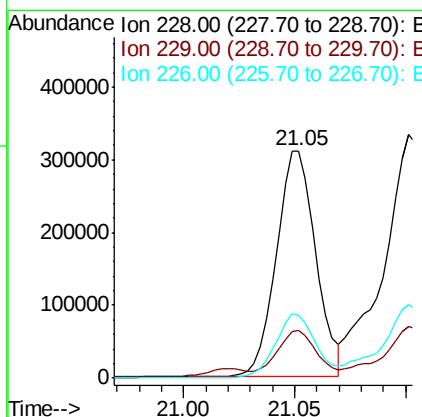
RT: 21.05 min Scan# 4081

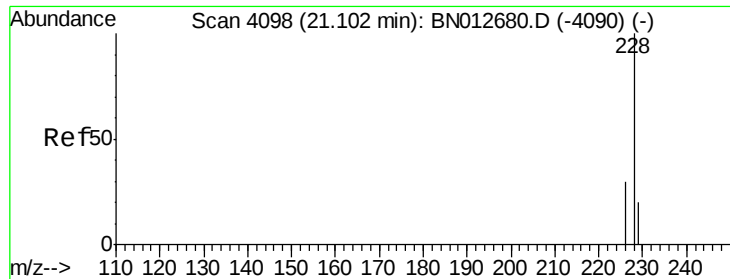
Delta R.T. -0.00 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Tgt Ion:	228	Resp:	380854
Ion Ratio		Lower	Upper
228	100		
229	20.8	16.9	25.3
226	27.5	23.1	34.7





#19

Chrysene

Concen: 20.739 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Instrument :

BNA_N

ClientSampleId :

C0B35

Tot Ion:228 Resp: 487472

Ion Ratio Lower Upper

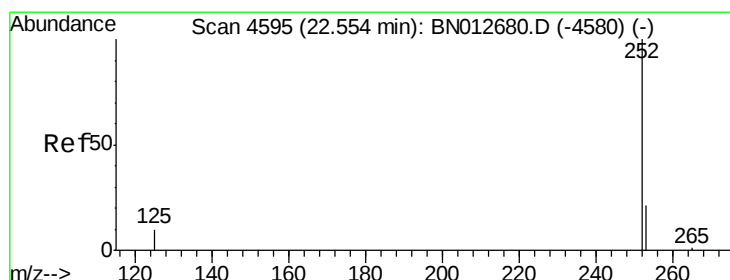
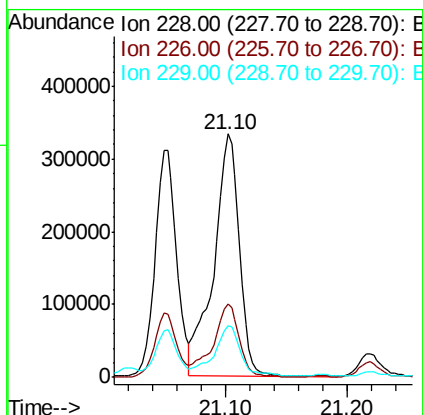
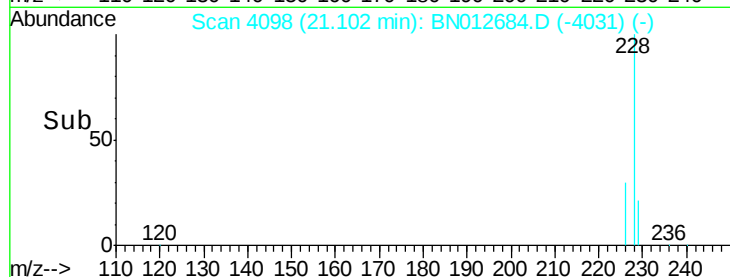
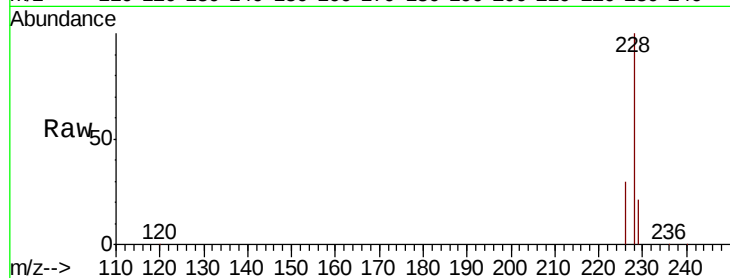
228 100

226 30.2 24.4 36.6

229 21.0 16.1 24.1

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#21

Benzo(b)fluoranthene

Concen: 25.453 ng/ul m

RT: 22.56 min Scan# 4598

Delta R.T. 0.00 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

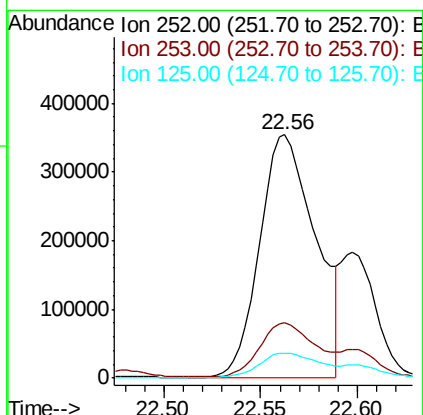
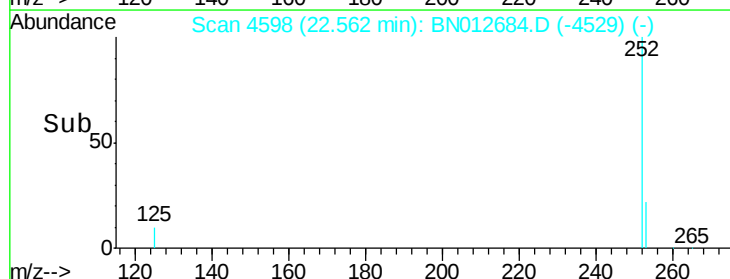
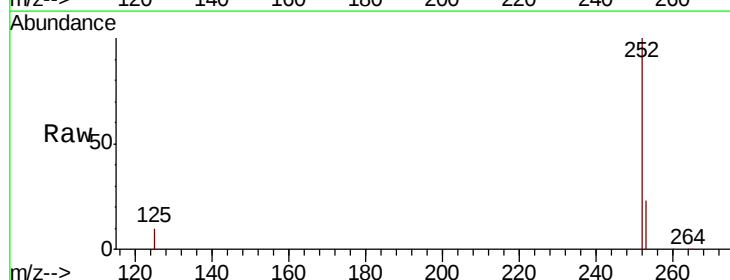
Tgt Ion:252 Resp: 707690

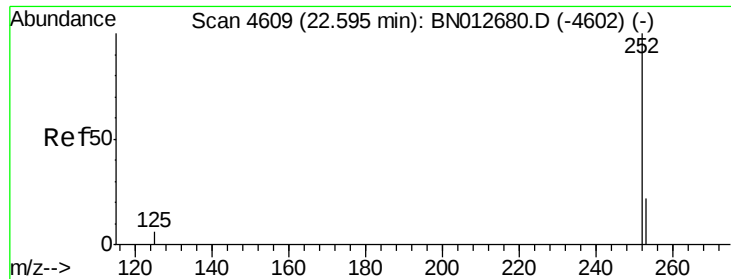
Ion Ratio Lower Upper

252 100

253 22.7 0.0 58.4

125 10.3 0.0 28.6





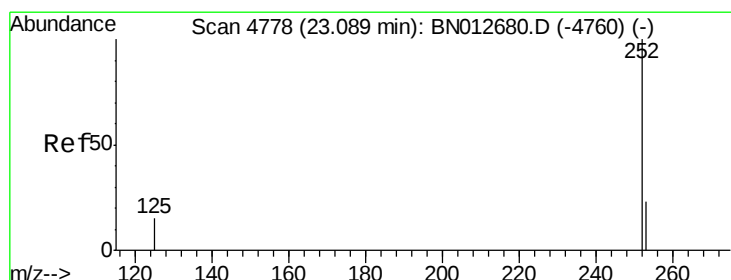
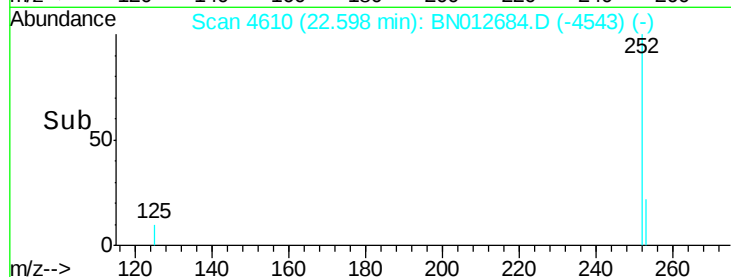
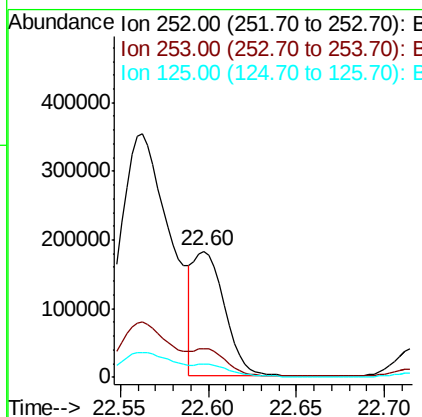
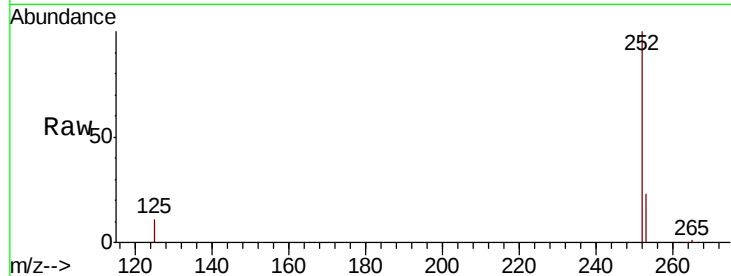
#22
Benzo(k)fluoranthene
Concen: 7.065 ng/ul
RT: 22.60 min Scan# 4610
Delta R.T. -0.00 min
Lab File: BN012684.D
Acq: 21 Nov 2020 13:38

Instrument :
BNA_N
ClientSampleId :
C0B35

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	23.4	35.2#
125	10.5	10.2	15.2

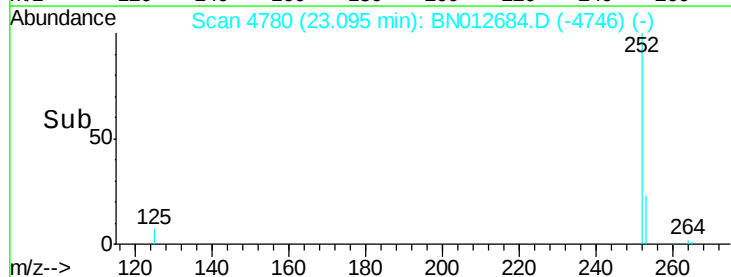
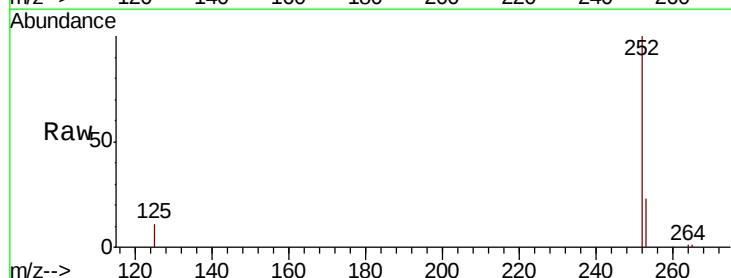
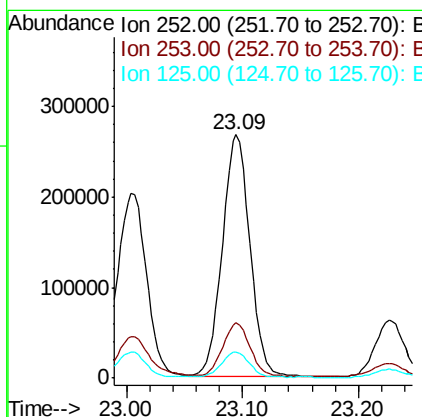
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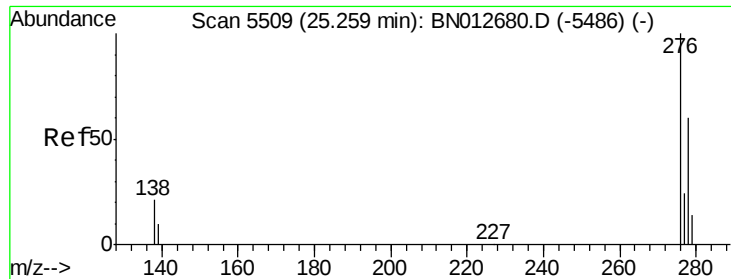
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#23
Benzo(a)pyrene
Concen: 16.774 ng/ul
RT: 23.09 min Scan# 4780
Delta R.T. -0.00 min
Lab File: BN012684.D
Acq: 21 Nov 2020 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	27.6	41.4#
125	10.9	17.0	25.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 9.756 ng/ul

RT: 25.27 min Scan# 5511

Delta R.T. -0.00 min

Lab File: BN012684.D

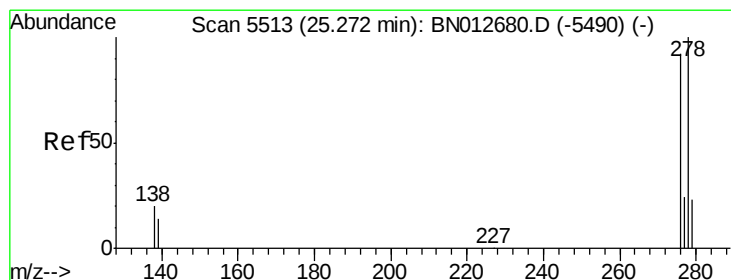
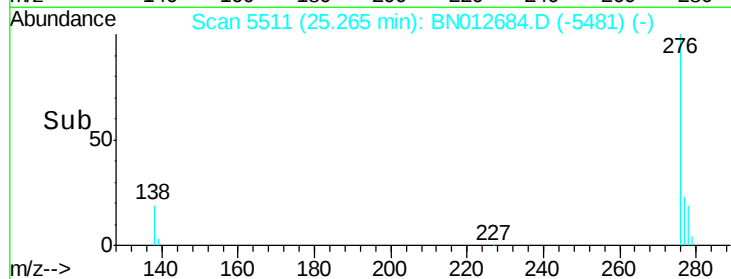
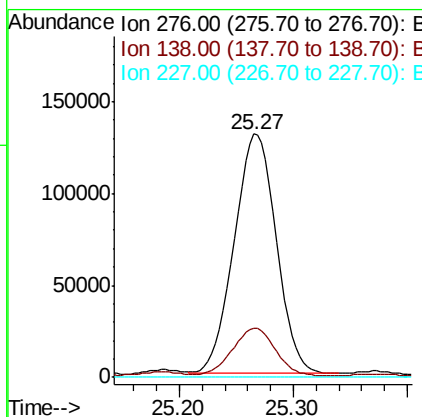
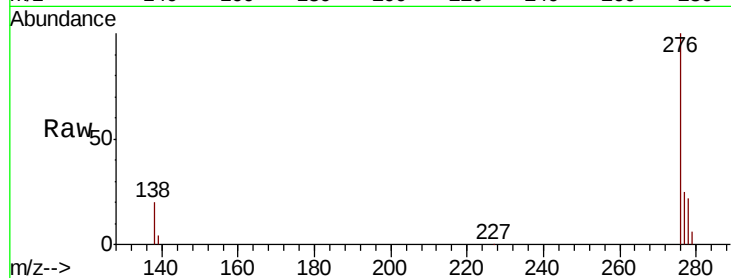
Acq: 21 Nov 2020 13:38

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 8:56:53 AM



#25

Dibenzo(a,h)anthracene

Concen: 3.086 ng/ul

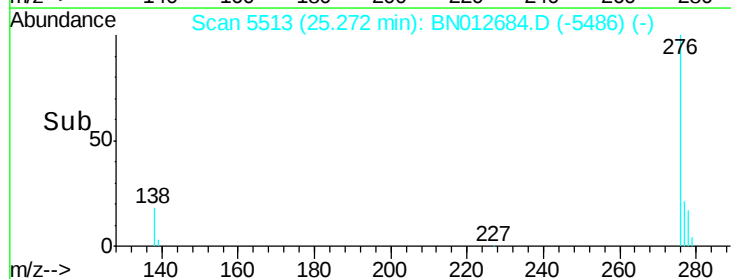
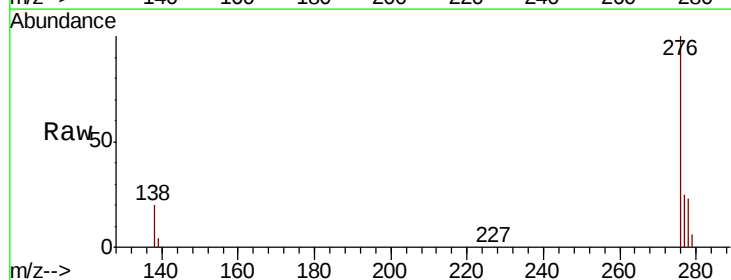
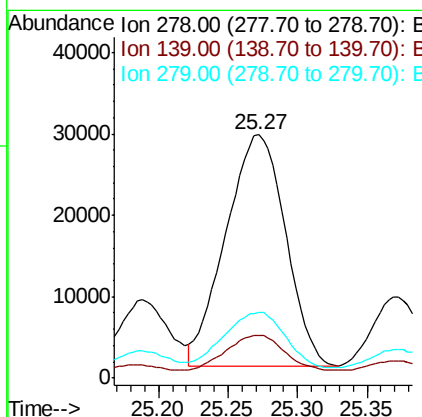
RT: 25.27 min Scan# 5513

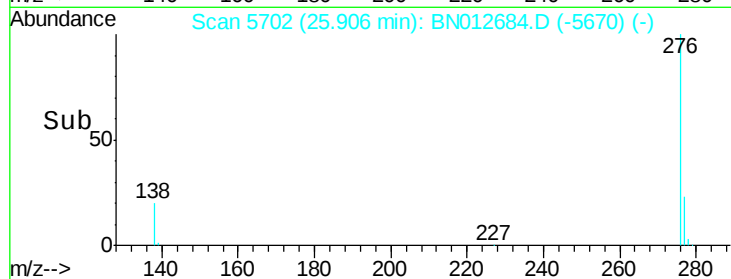
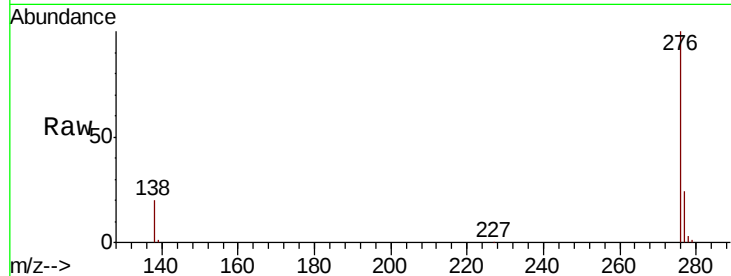
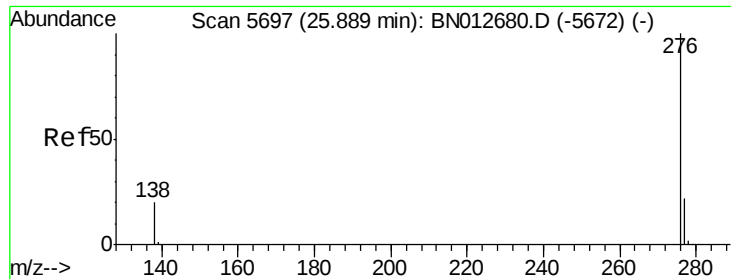
Delta R.T. -0.01 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.8	20.8
279	26.9	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 9.988 ng/ul

RT: 25.91 min Scan# 5702

Delta R.T. 0.01 min

Lab File: BN012684.D

Acq: 21 Nov 2020 13:38

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.3	24.5
277	23.9	21.8	32.8

Instrument :

BNA_N

ClientSampleId :

C0B35

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:53 AM

