

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012685.D
 Acq On : 21 Nov 2020 14:14
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY7

Manual Integrations
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Quant Time: Nov 23 02:06:27 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	984	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4032	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.10	164	2308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4691	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3843	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3739	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1182	0.20	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	2616	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.25	128	1041	0.086	ng/ul#	91
5) 2-Methylnaphthalene	11.89	142	904	0.117	ng/ul	99
7) Acenaphthylene	13.82	152	3579	0.318	ng/ul	98
8) Acenaphthene	14.16	153	825	0.087	ng/ul	99
9) Fluorene	15.16	166	1584	0.152	ng/ul#	94
12) Phenanthrene	16.89	178	31887	1.954	ng/ul	96
13) Anthracene	16.98	178	5186	0.365	ng/ul	98
15) Fluoranthene	18.92	202	61447	3.261	ng/ul	99
17) Pyrene	19.29	202	60893	3.542	ng/ul	98
18) Benzo(a)anthracene	21.05	228	29378	2.133	ng/ul	99
19) Chrysene	21.10	228	36141	2.101	ng/ul	98
21) Benzo(b)fluoranthene	22.55	252	49136m	2.857	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	17936m	0.904	ng/ul	
23) Benzo(a)pyrene	23.09	252	32956	2.036	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.26	276	25058	1.184	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.26	278	6012	0.353	ng/ul#	89
26) Benzo(a,h,i)perylene	25.90	276	24387	1.280	ng/ul	97

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

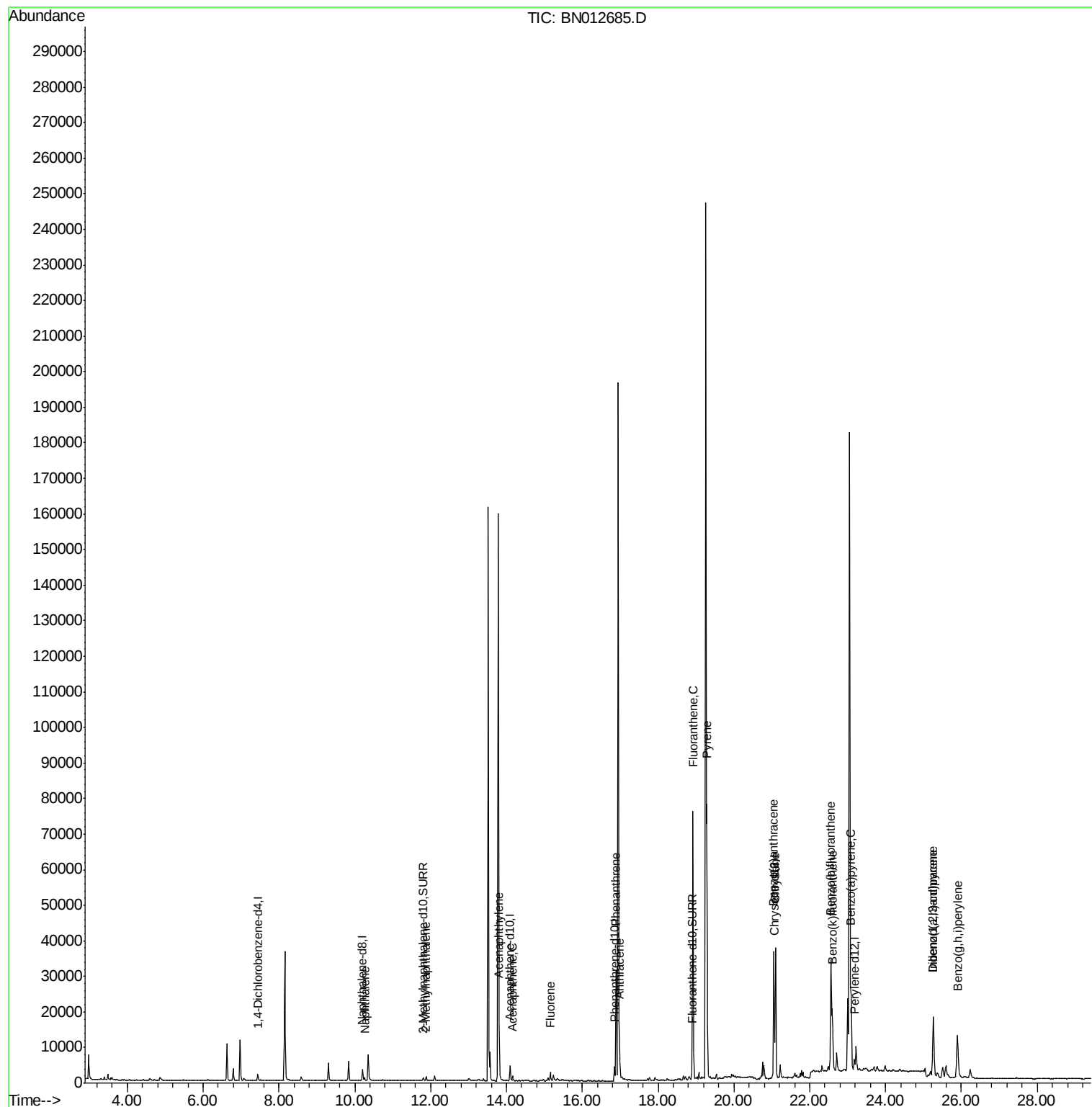
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012685.D
Acq On : 21 Nov 2020 14:14
Operator : CG/JU
Sample : L4710-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

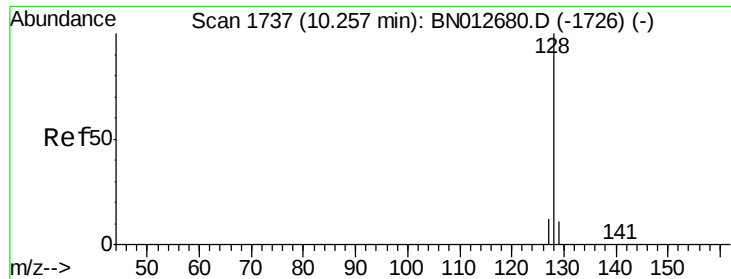
Instrument :
BNA_N
ClientSampleId :
C0AY7

Quant Time: Nov 23 02:06:27 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

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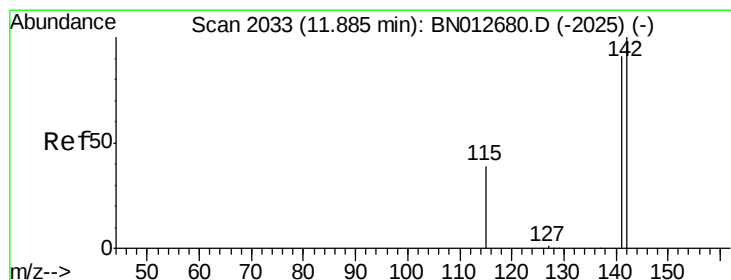
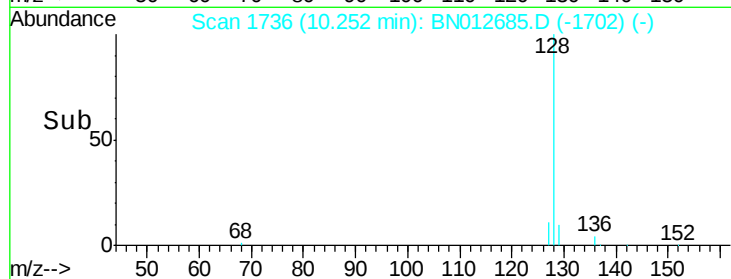
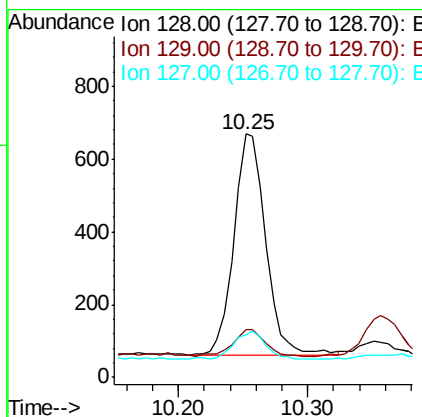
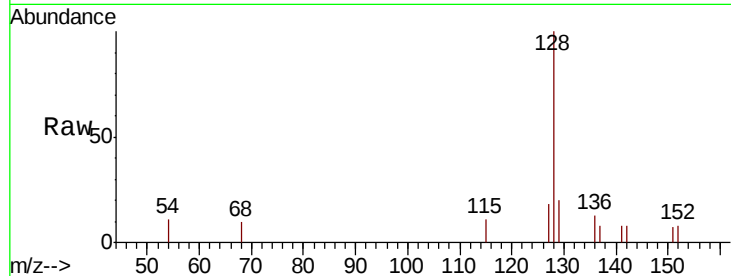
#3
Naphthalene
Concen: 0.086 ng/ul
RT: 10.25 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BN012685.D
Acq: 21 Nov 2020 14:14

Instrument :
BNA_N
ClientSampleId :
C0AY7

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.6	11.2	16.8#
127	17.6	12.5	18.7

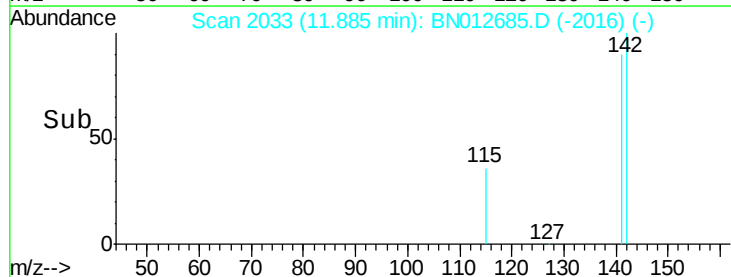
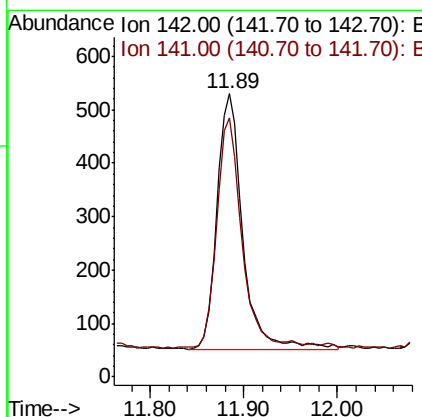
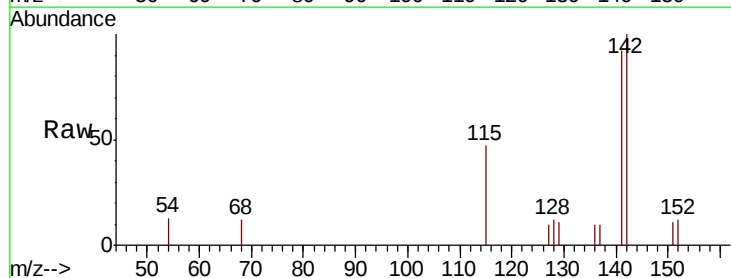
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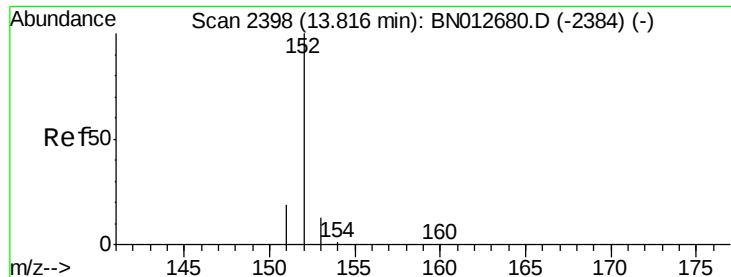
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#5
2-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 11.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BN012685.D
Acq: 21 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.3	108.5





#7

Acenaphthylene

Concen: 0.318 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

Instrument :

BNA_N

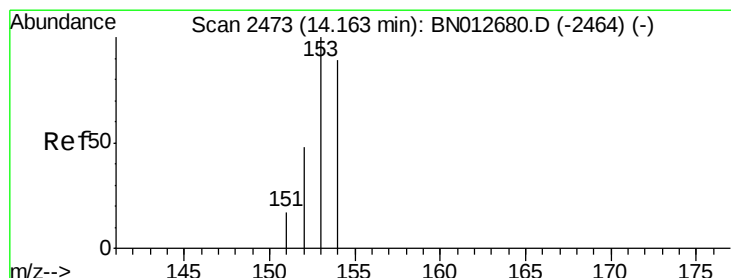
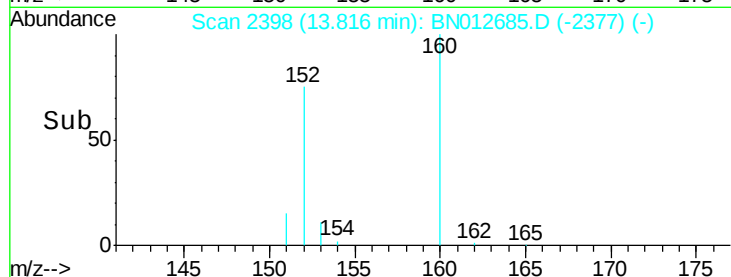
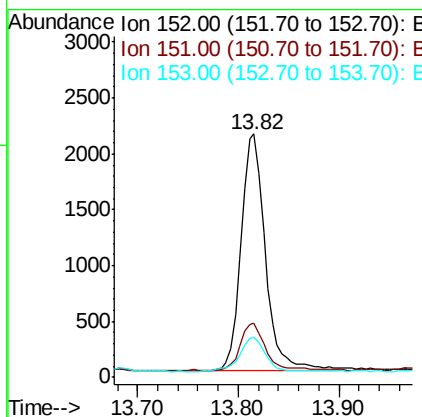
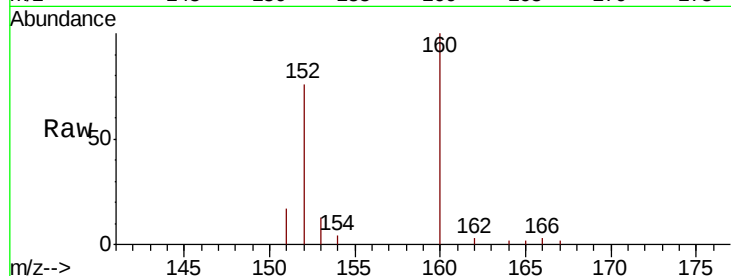
ClientSampleId :

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Tot Ion:	152	Resp:	3579
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	16.6	12.6	19.0

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#8

Acenaphthene

Concen: 0.087 ng/ul

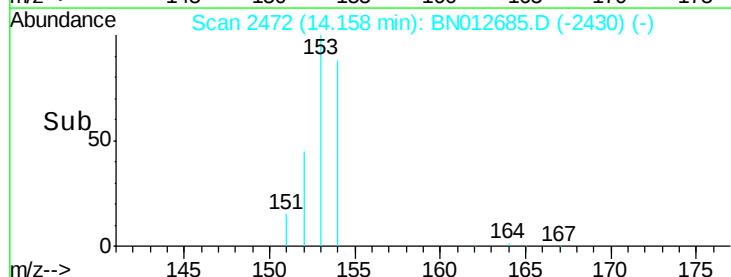
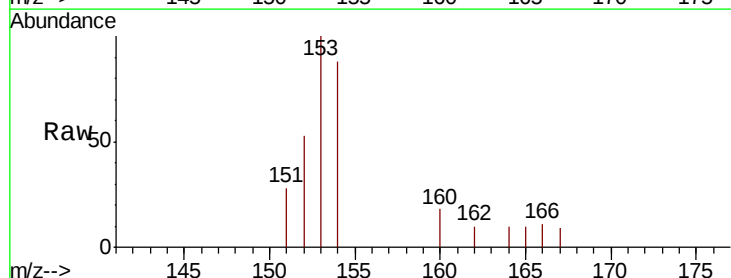
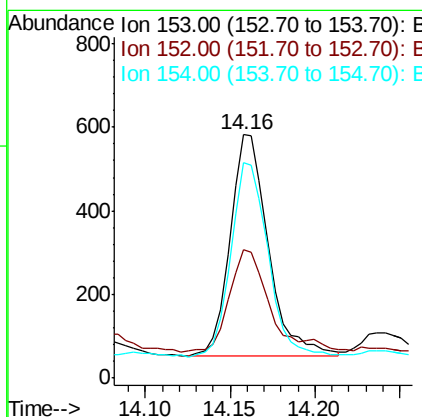
RT: 14.16 min Scan# 2472

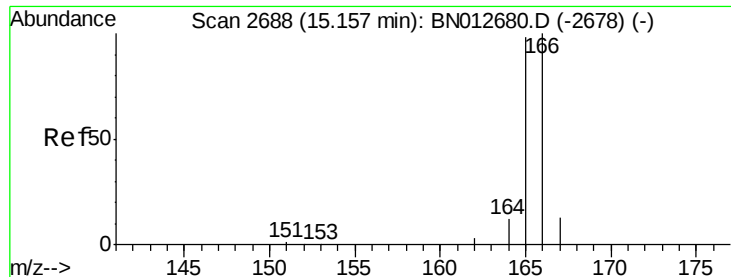
Delta R.T. -0.00 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

Tgt Ion:	153	Resp:	825
Ion Ratio	Lower	Upper	
153	100		
152	52.9	41.4	62.0
154	88.3	70.9	106.3





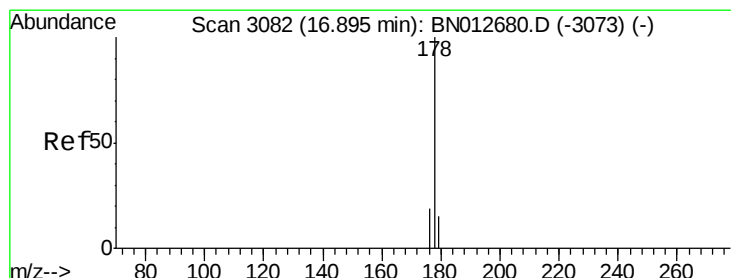
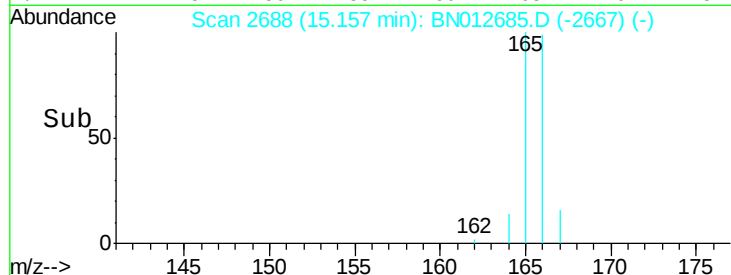
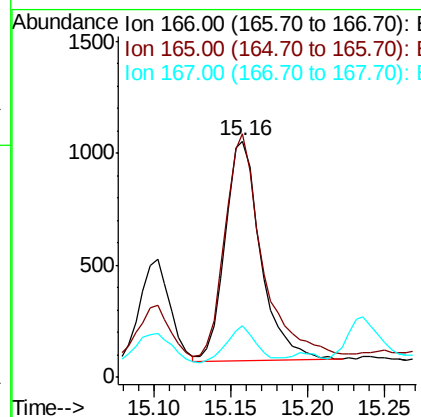
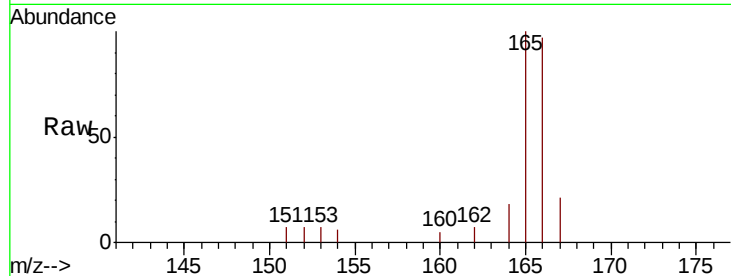
#9
Fluorene
 Concen: 0.152 ng/ul
 RT: 15.16 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: BN012685.D
 Acq: 21 Nov 2020 14:14

Instrument :
 BNA_N
 ClientSampled :
 C0AY7

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.1	78.5	117.7
167	21.8	12.7	19.1

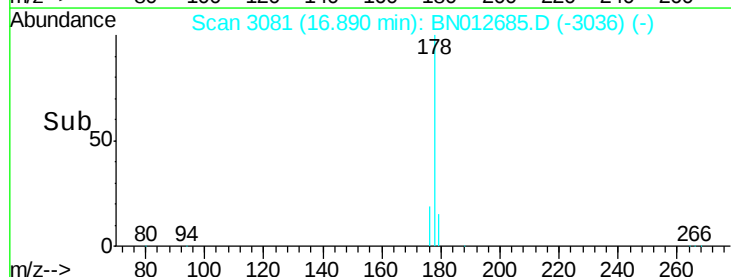
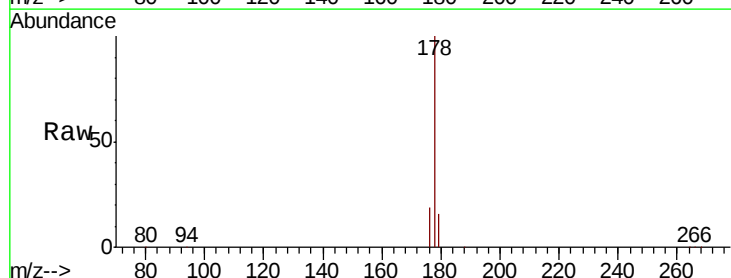
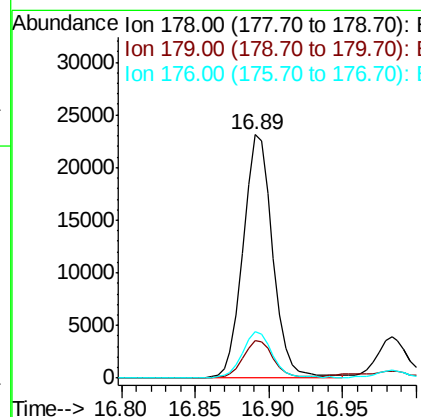
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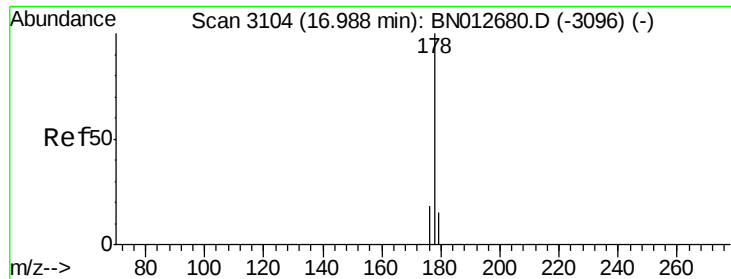
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#12
Phenanthrene
 Concen: 1.954 ng/ul
 RT: 16.89 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BN012685.D
 Acq: 21 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.8	20.6
176	19.1	16.7	25.1





#13

Anthracene

Concen: 0.365 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

Instrument :

BNA_N

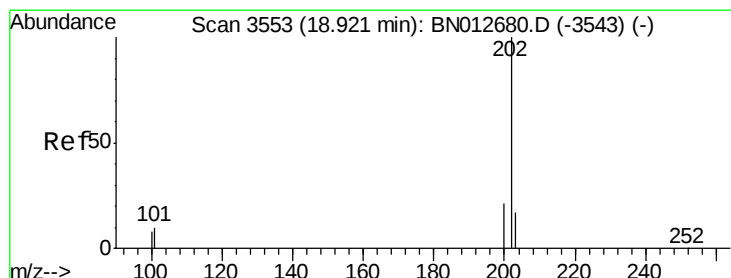
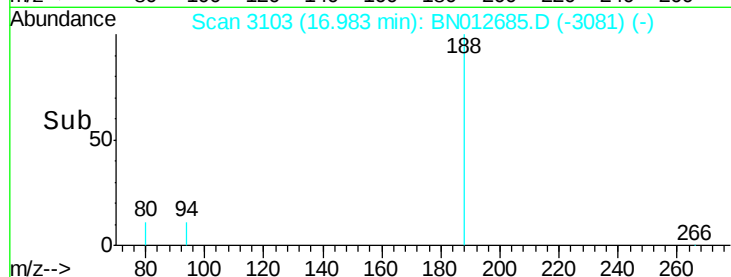
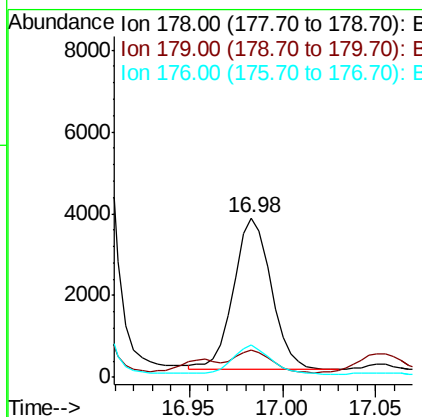
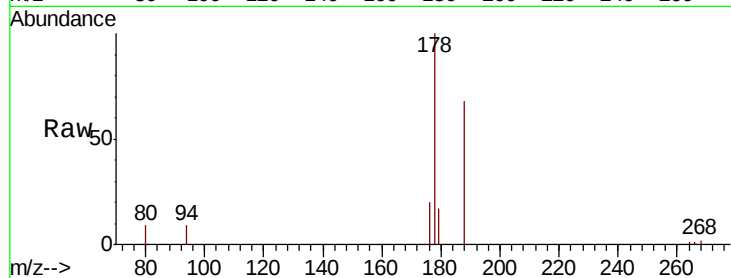
ClientSampleId :

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Tot Ion:	178	Resp:	5186
Ion Ratio	Lower	Upper	
178	100		
179	17.5	14.8	22.2
176	19.9	16.3	24.5

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#15

Fluoranthene

Concen: 3.261 ng/ul

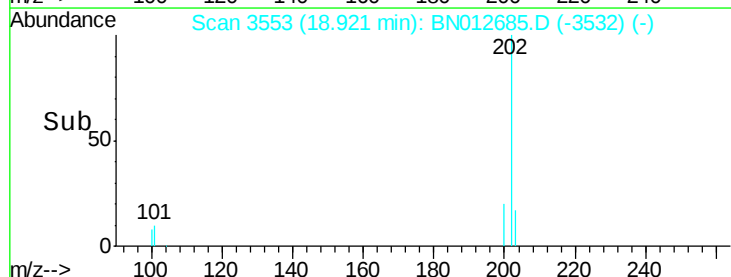
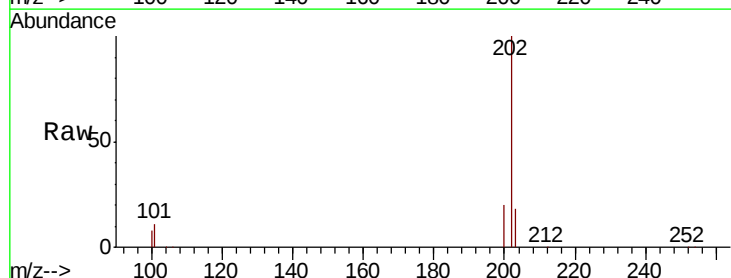
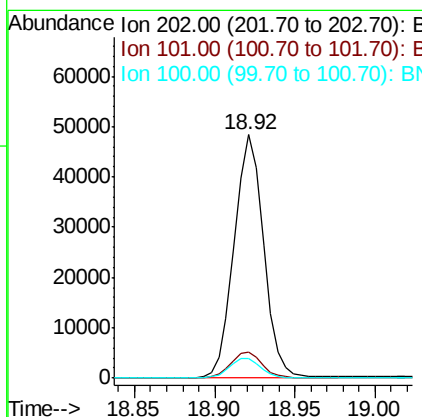
RT: 18.92 min Scan# 3553

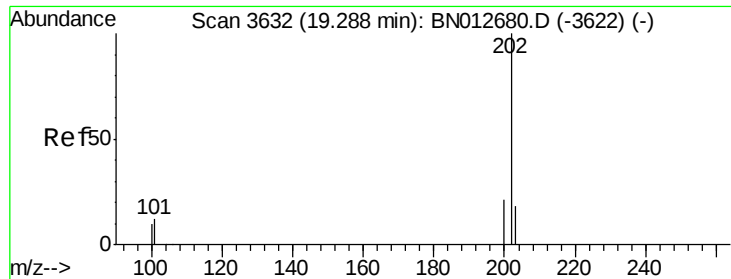
Delta R.T. -0.00 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

Tgt Ion:	202	Resp:	61447
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.5
100	8.1	0.0	28.4





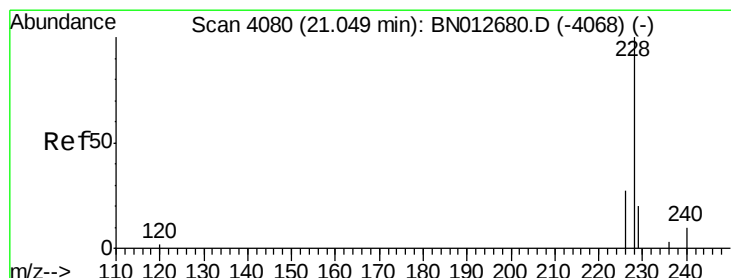
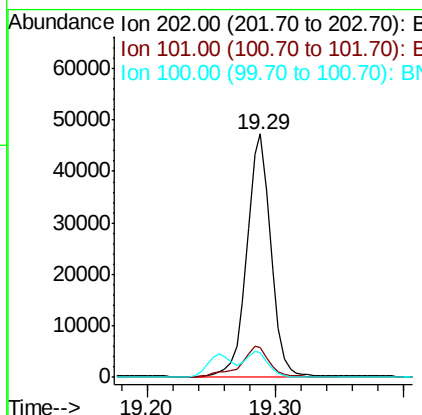
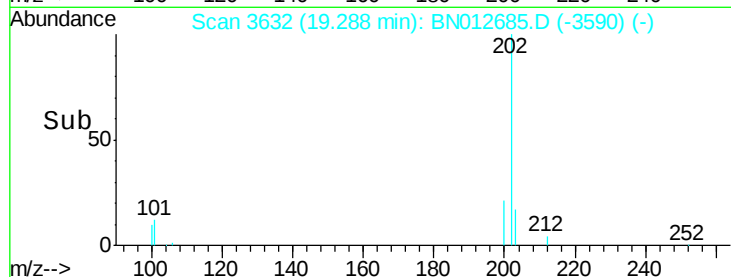
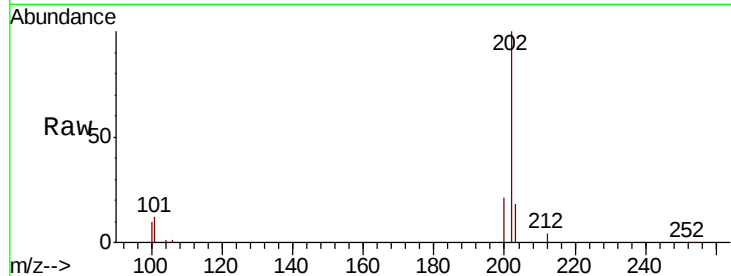
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Pvrene
Concen: 3.542 ng/ul
RT: 19.29 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BN012685.D
Acq: 21 Nov 2020 14:14

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.9	13.3
100	10.0	7.4	11.2

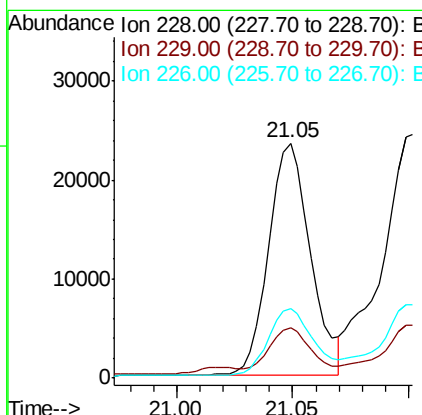
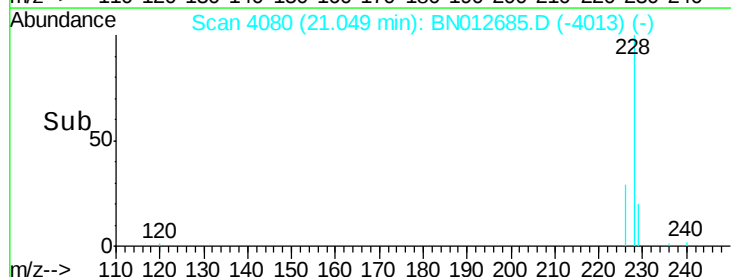
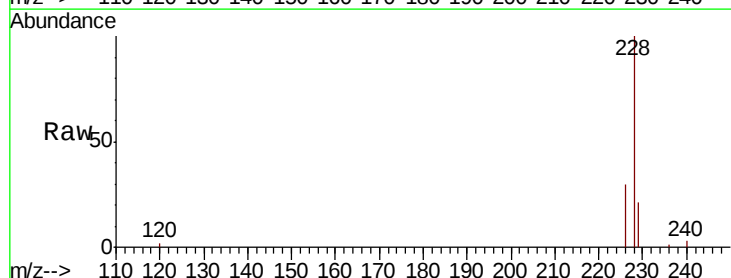
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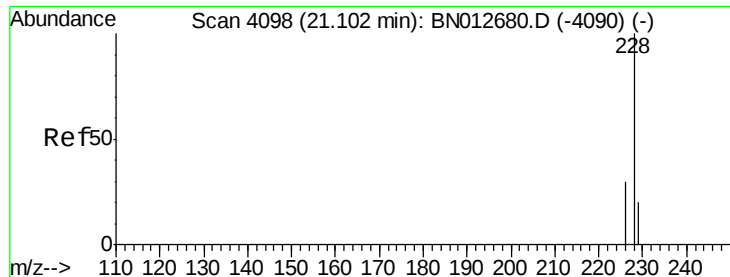
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#18
Benzo(a)anthracene
Concen: 2.133 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012685.D
Acq: 21 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.9	25.3
226	29.6	23.1	34.7





#19

Chrysene

Concen: 2.101 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

Instrument :

BNA_N

ClientSampleId :

C0AY7

Tot Ion:228 Resp: 36141

Ion Ratio Lower Upper

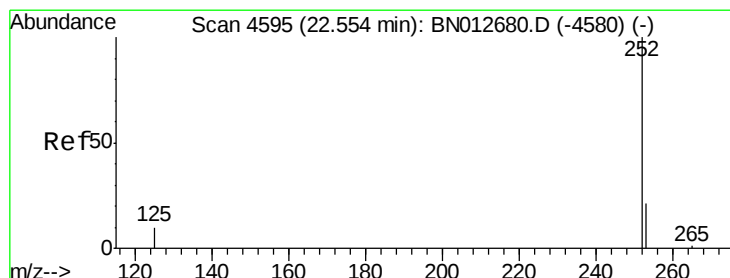
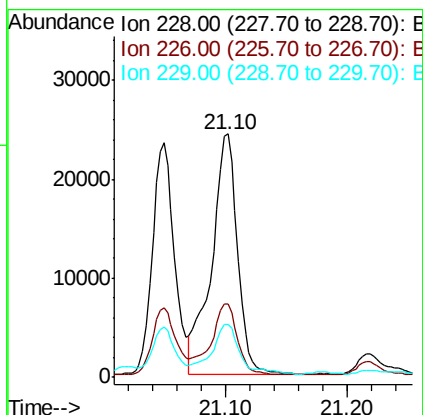
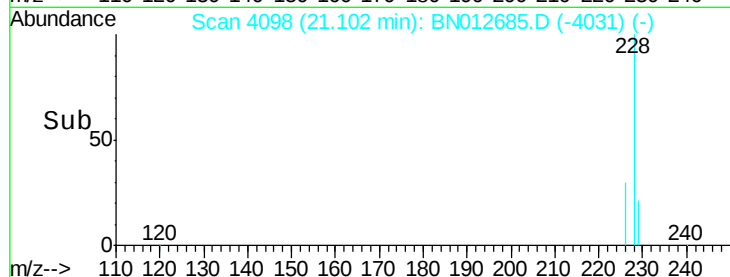
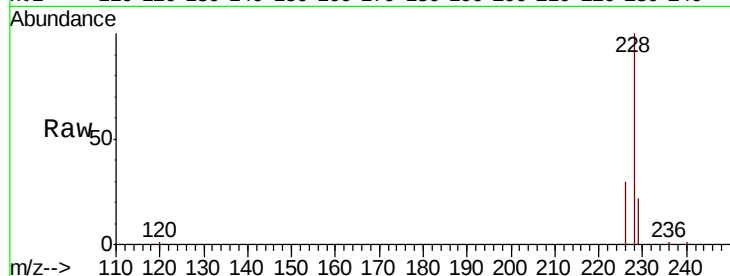
228 100

226 30.2 24.4 36.6

229 21.9 16.1 24.1

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#21

Benzo(b)fluoranthene

Concen: 2.857 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

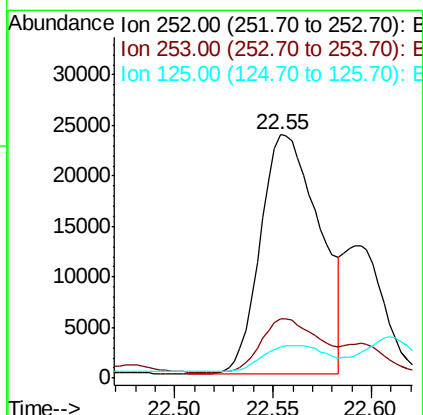
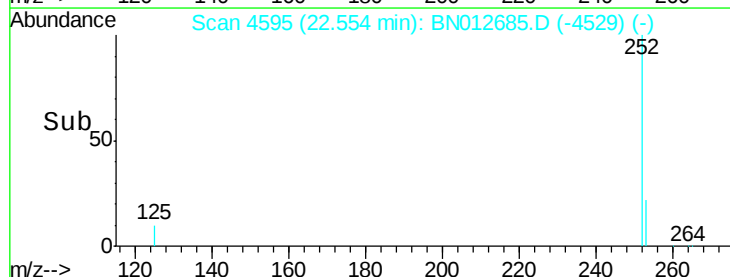
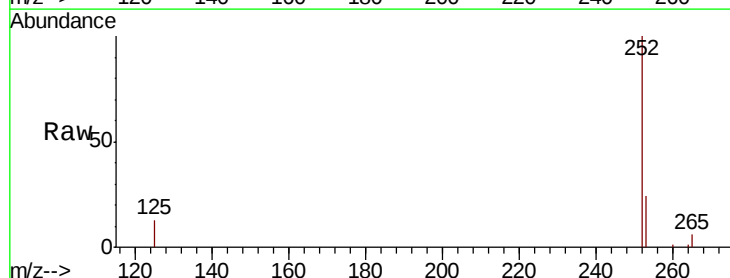
Tgt Ion:252 Resp: 49136

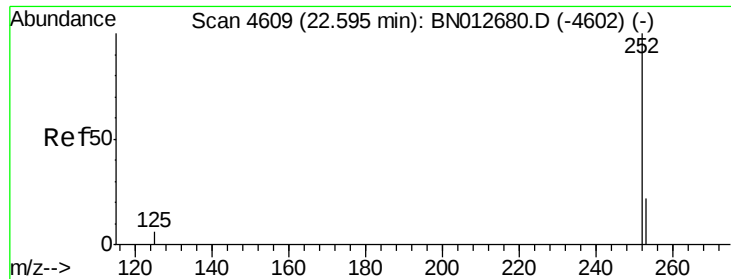
Ion Ratio Lower Upper

252 100

253 24.2 0.0 58.4

125 12.6 0.0 28.6





#22

Benzo(k)fluoranthene

Concen: 0.904 ng/ul

RT: 22.59 min Scan# 4609

Delta R.T. -0.01 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

Instrument :

BNA_N

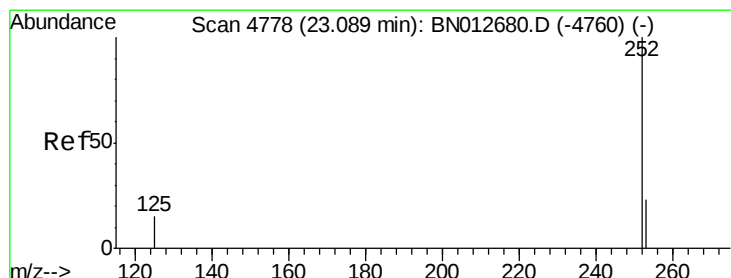
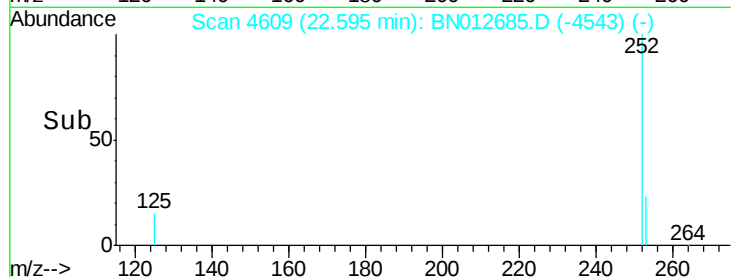
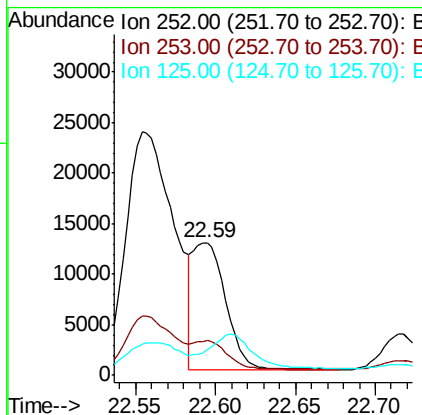
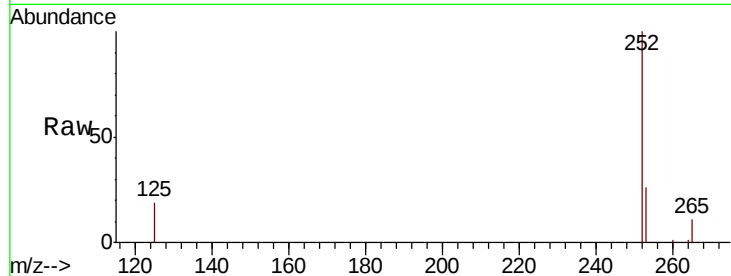
ClientSampleId :

C0AY7

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	23.4	35.2
125	19.3	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 2.036 ng/ul

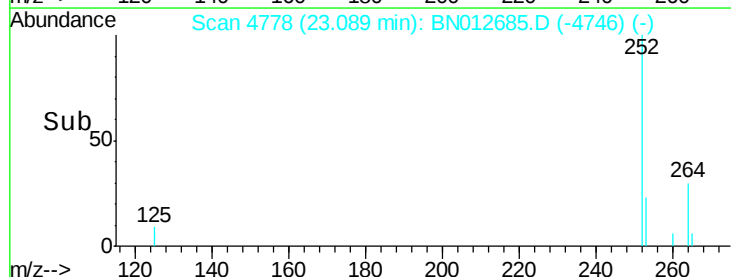
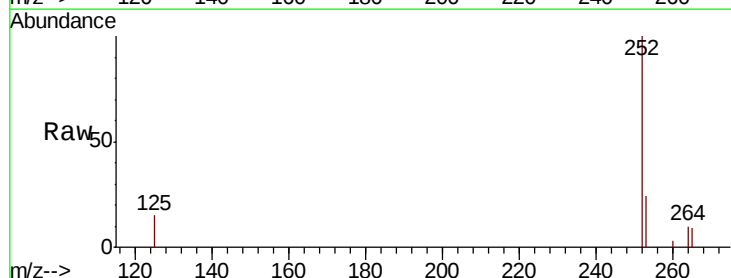
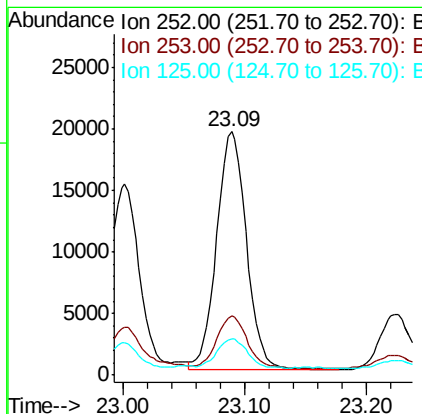
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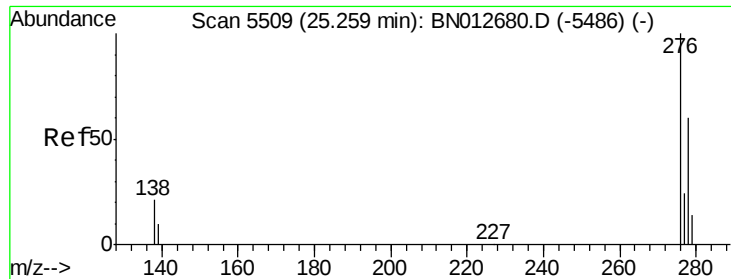
Delta R.T. -0.01 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	27.6	41.4
125	14.9	17.0	25.4





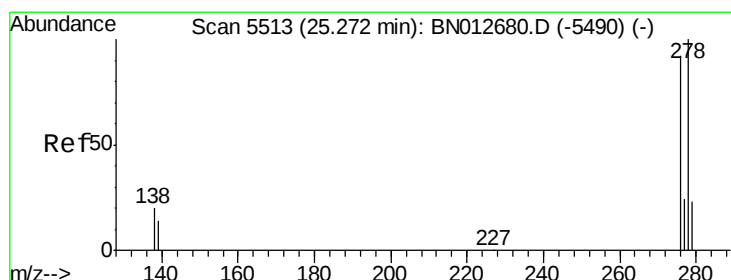
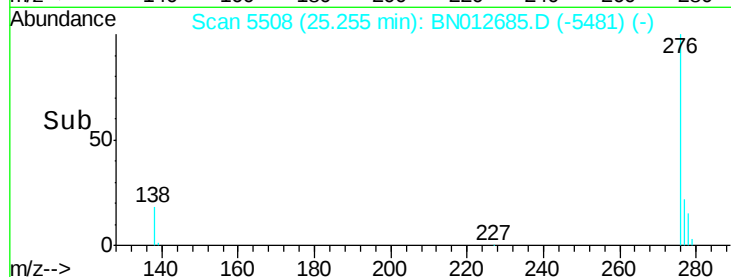
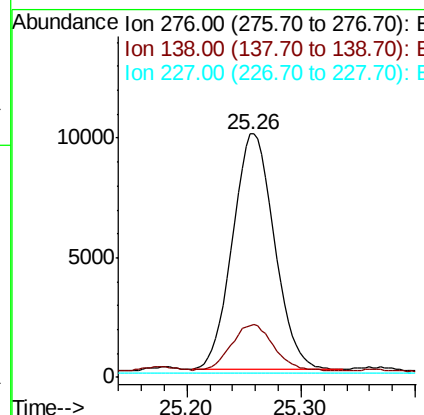
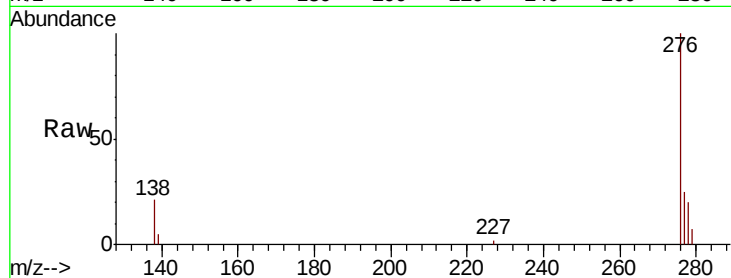
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.184 ng/ul
RT: 25.26 min Scan# 5508
Delta R.T. -0.01 min
Lab File: BN012685.D
Acq: 21 Nov 2020 14:14

Instrument :
BNA_N
ClientSampled :
C0AY7

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.5	24.7
227	0.2	0.1	0.1#

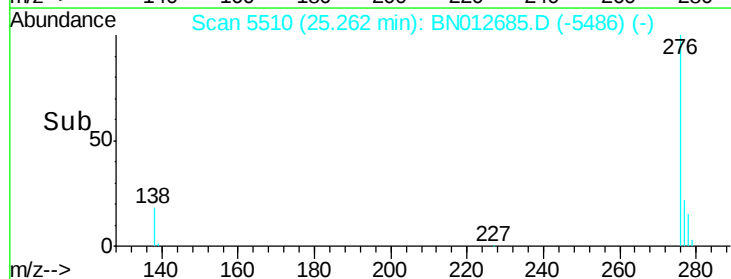
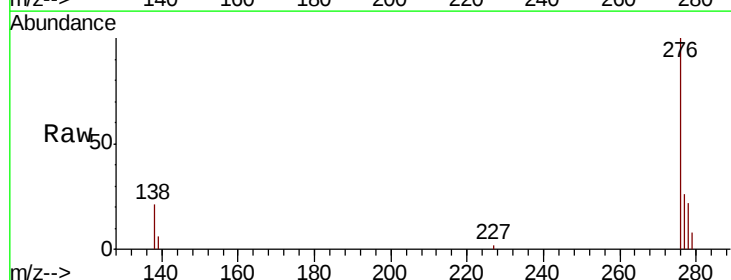
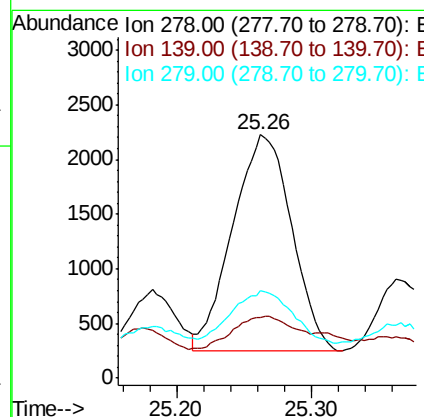
Manual Integrations
APPROVED

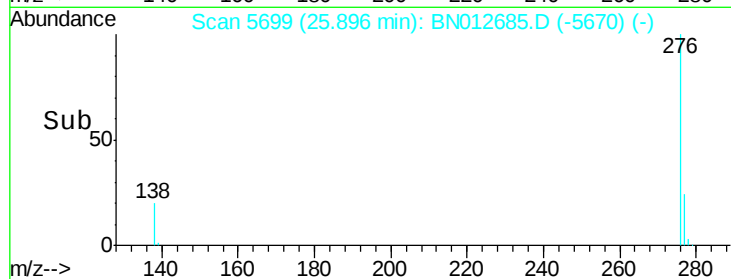
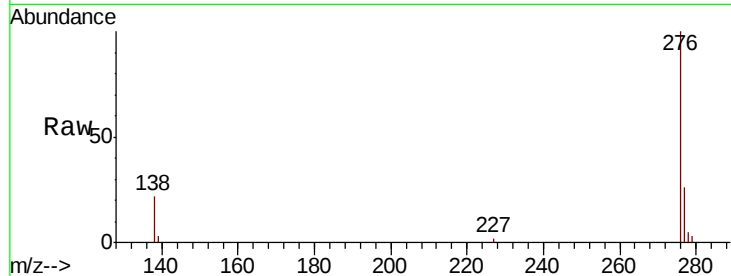
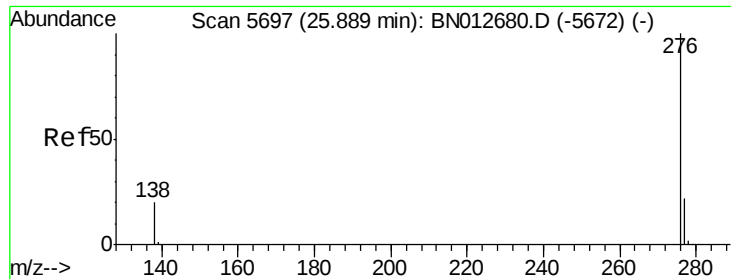
mohammad
11/24/2020 8:56:56 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.02 min
Lab File: BN012685.D
Acq: 21 Nov 2020 14:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.0	13.8	20.8#
279	35.8	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 1.280 ng/ul

RT: 25.90 min Scan# 5699

Delta R.T. -0.00 min

Lab File: BN012685.D

Acq: 21 Nov 2020 14:14

Tot Ion:	276	Resp:	24387
Ion Ratio	Lower	Upper	
276	100		
138	22.0	16.3	24.5
277	25.8	21.8	32.8

Instrument :

BNA_N

ClientSampleId :

C0AY7

Manual Integrations
APPROVED

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

