

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012711.D
 Acq On : 24 Nov 2020 11:52
 Operator : CG/JU
 Sample : L4751-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B79

Manual Integrations
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 11/25/2020 1:20:39 PM

Quant Time: Nov 24 12:48:28 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 : Tue Nov 24 11:59:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	870	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3352	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	1898	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4085	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4166	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4109	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	662	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1632	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.25	128	496	0.049	ng/ul#	73
5) 2-Methylnaphthalene	11.89	142	640	0.099	ng/ul	100
7) Acenaphthylene	13.81	152	1042	0.113	ng/ul#	87
8) Acenaphthene	14.16	153	5942	0.762	ng/ul	98
9) Fluorene	15.15	166	7580	0.884	ng/ul	100
12) Phenanthrene	16.89	178	176180	12.395	ng/ul	95
13) Anthracene	16.98	178	37554	3.039	ng/ul	95
15) Fluoranthene	18.92	202	312116	19.019	ng/ul	96
17) Pyrene	19.28	202	253163	13.586	ng/ul	100
18) Benzo(a)anthracene	21.05	228	130914	8.769	ng/ul	98
19) Chrysene	21.10	228	133400	7.154	ng/ul	99
21) Benzo(b)fluoranthene	22.55	252	179547m	9.499	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	68745m	3.154	ng/ul	
23) Benzo(a)pyrene	23.09	252	119781	6.733	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.26	276	88549	3.806	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.26	278	21073	1.127	ng/ul	94
26) Benzo(a,h,i)perylene	25.89	276	81387	3.887	ng/ul	96

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

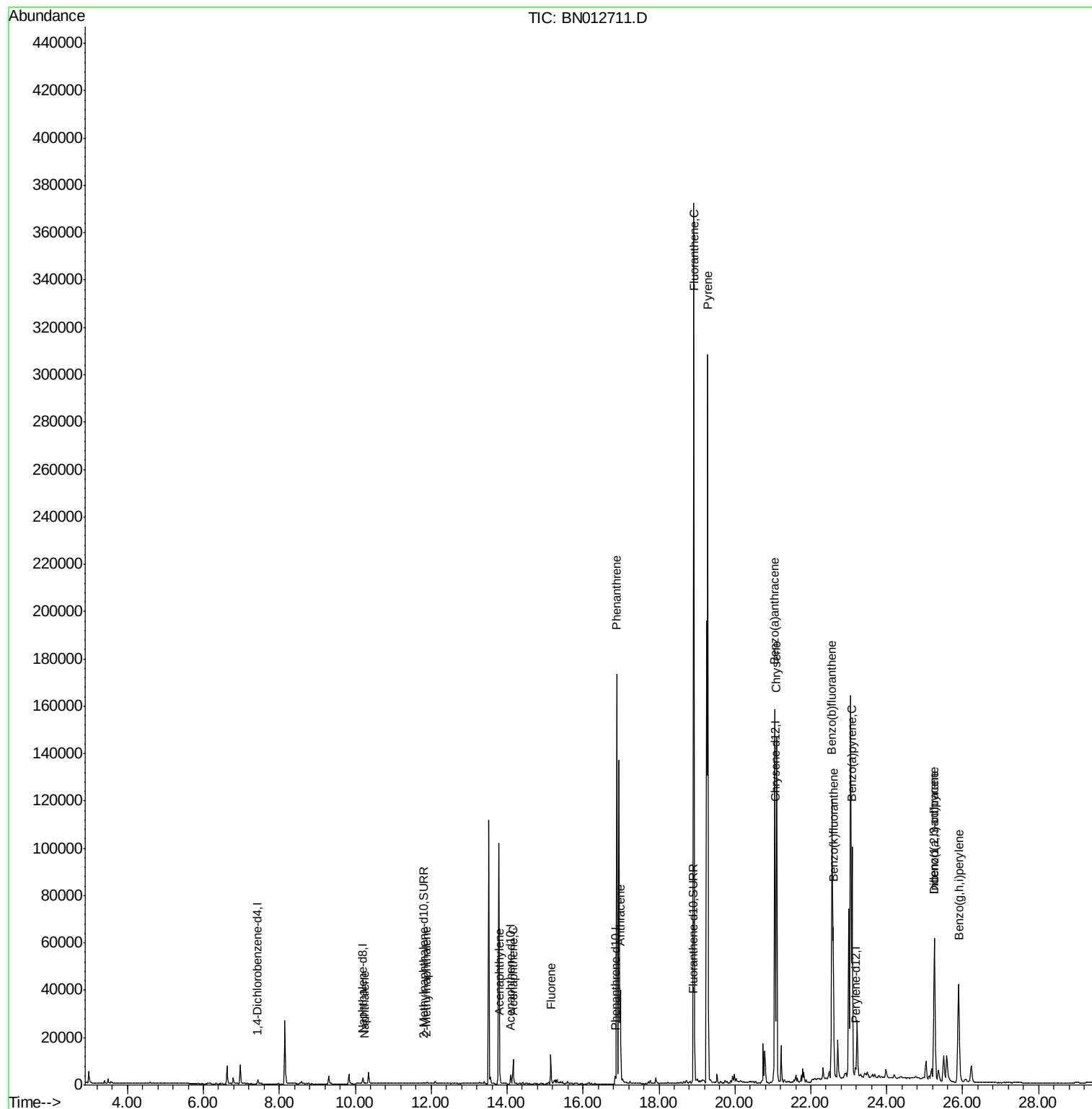
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012711.D
Acq On : 24 Nov 2020 11:52
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Sample : L4751-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

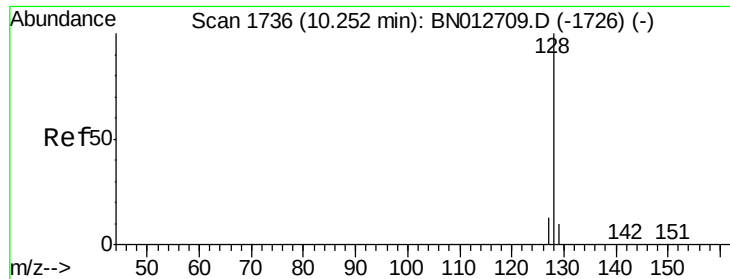
Instrument :
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C0B79

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Quant Time: Nov 24 12:48:28 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 : Tue Nov 24 11:59:48 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.049 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

Instrument :

BNA_N

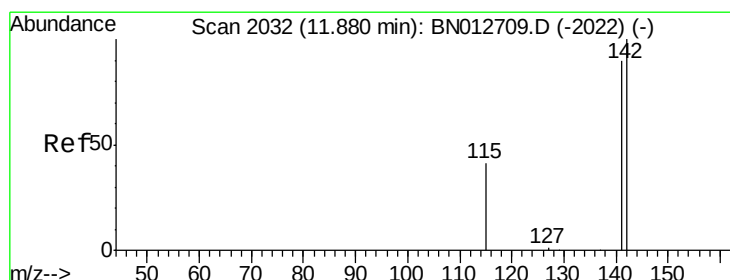
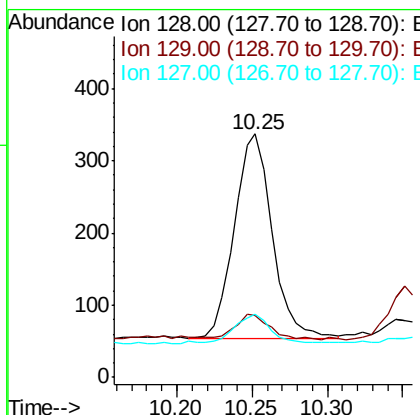
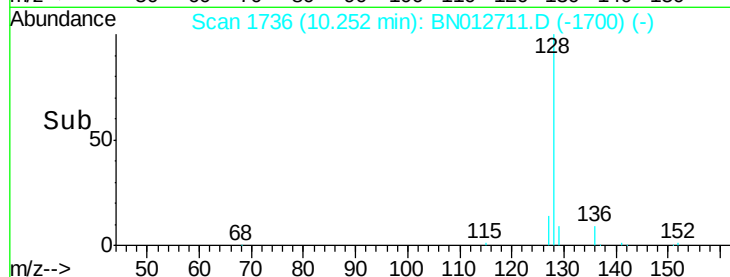
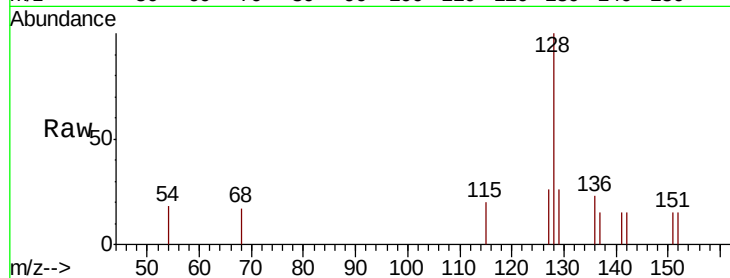
ClientSampleId :

C0B79

Tot Ion:	128	Resp:	496
Ion	Ratio	Lower	Upper
128	100		
129	25.5	11.2	16.8#
127	26.1	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.099 ng/ul

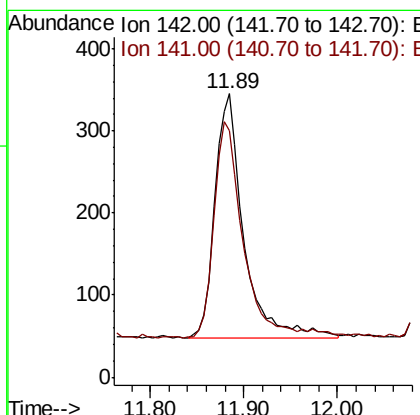
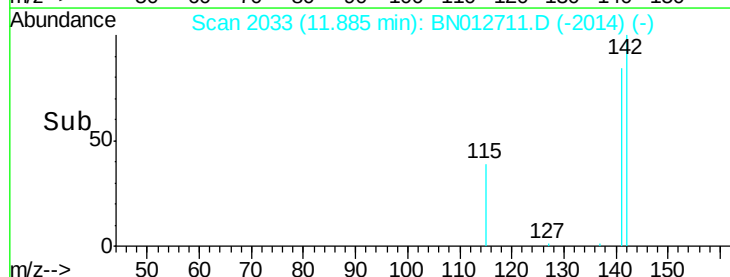
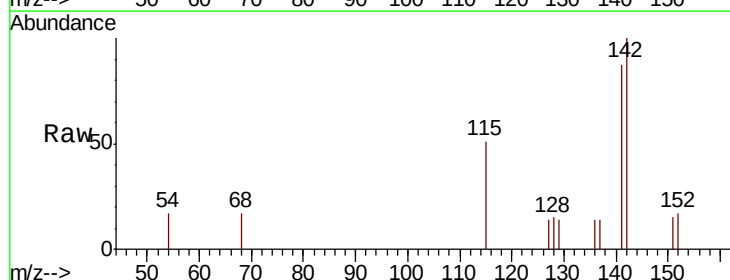
RT: 11.89 min Scan# 2033

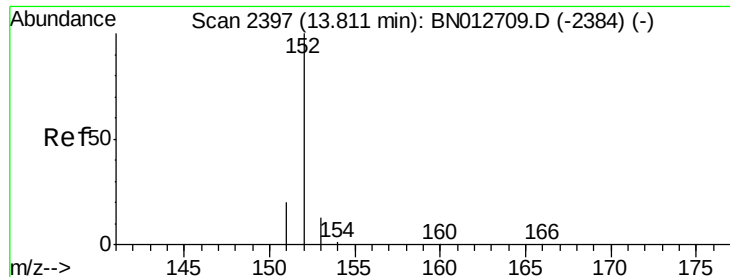
Delta R.T. 0.01 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

Tgt Ion:	142	Resp:	640
Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

Instrument :

BNA_N

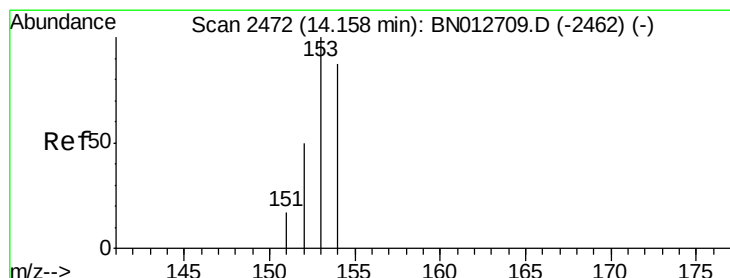
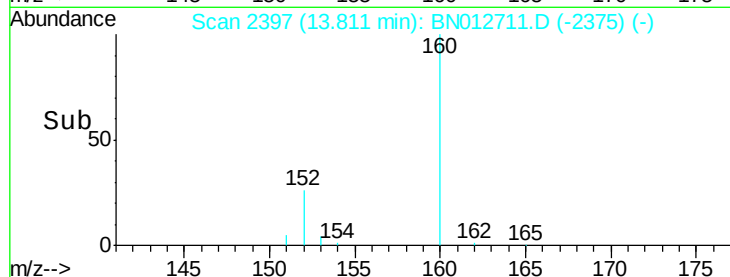
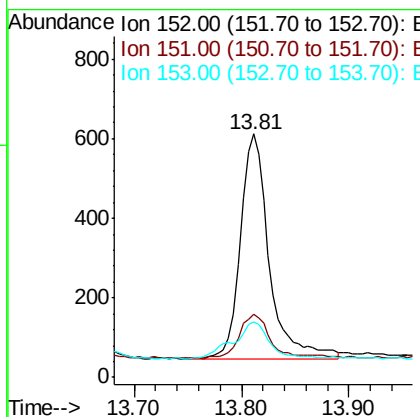
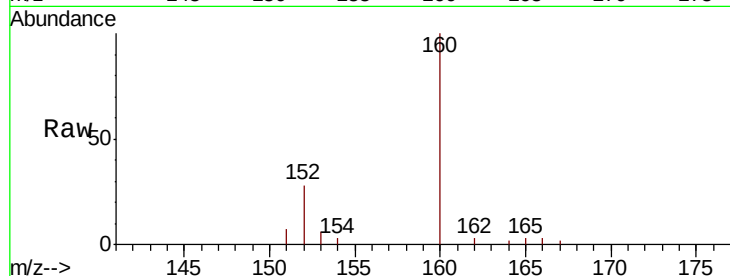
ClientSampleId :

C0B79

Tot Ion	Ratio	Lower	Upper
152	100		
151	26.0	17.1	25.7#
153	22.7	12.6	19.0#

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#8

Acenaphthene

Concen: 0.762 ng/ul

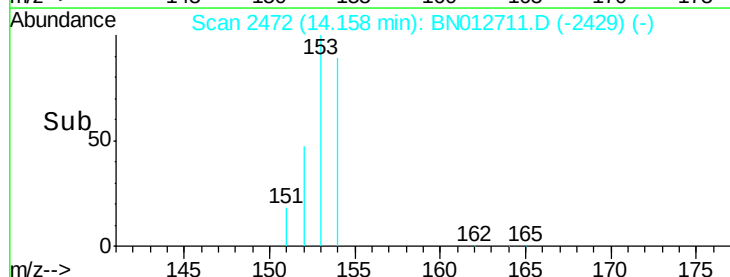
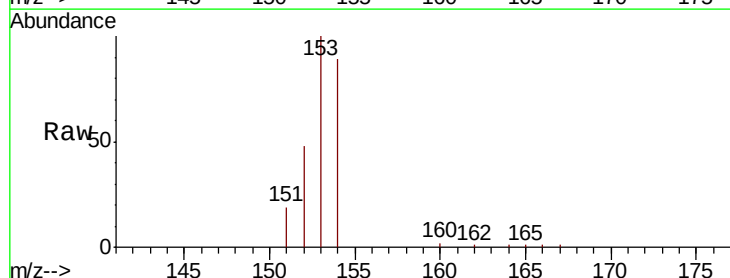
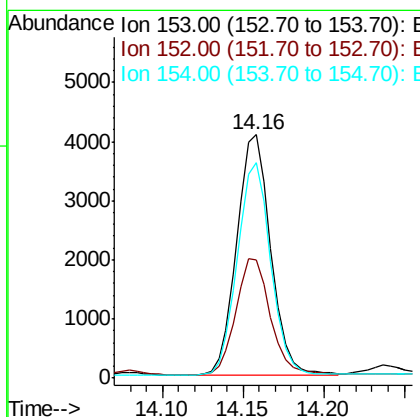
RT: 14.16 min Scan# 2472

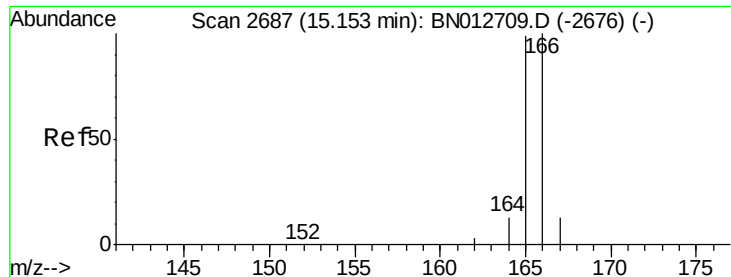
Delta R.T. 0.00 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.3	41.4	62.0
154	88.7	70.9	106.3





#9

Fluorene

Concen: 0.884 ng/ul

RT: 15.15 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

Instrument :

BNA_N

ClientSampleId :

C0B79

Tot Ion:166 Resp: 7580

Ion Ratio Lower Upper

166 100

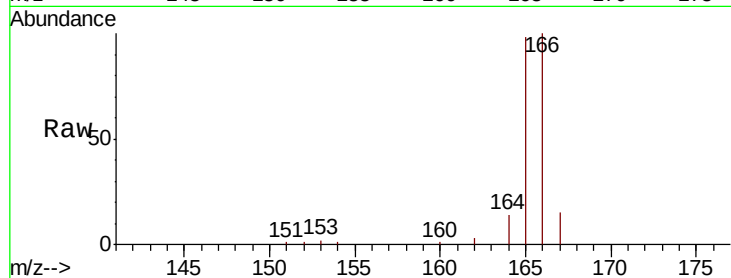
165 98.1 78.5 117.7

167 15.2 12.7 19.1

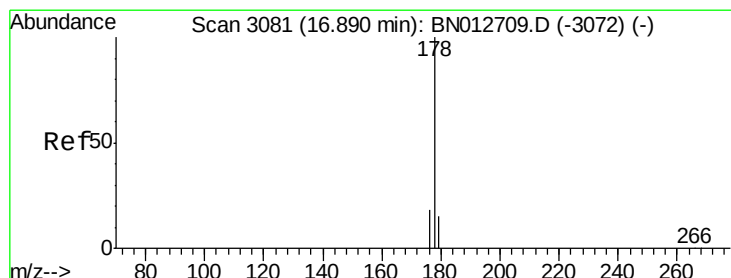
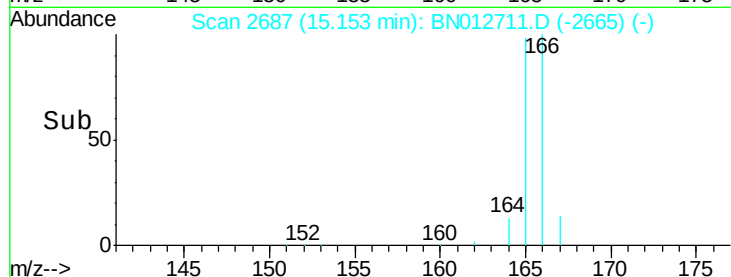
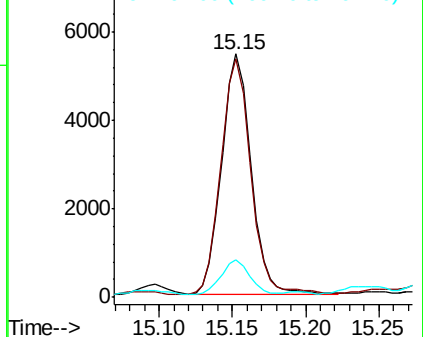
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 12.395 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

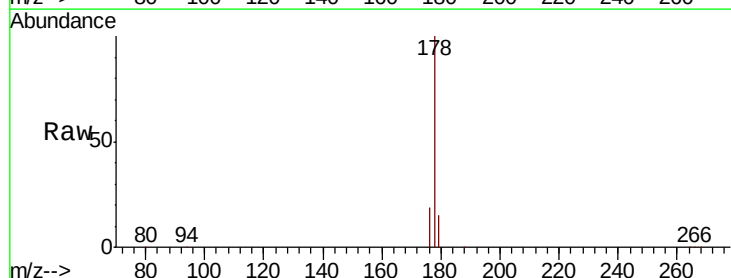
Tgt Ion:178 Resp: 176180

Ion Ratio Lower Upper

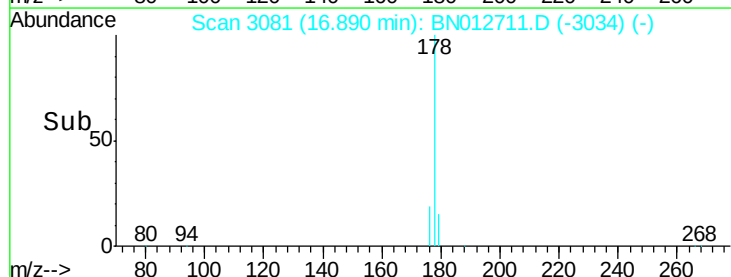
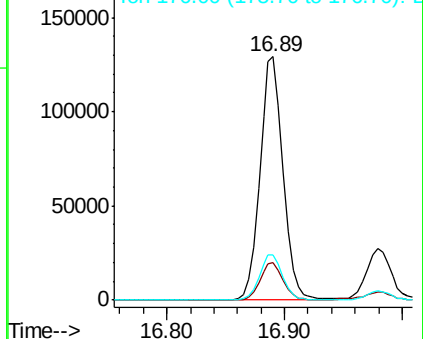
178 100

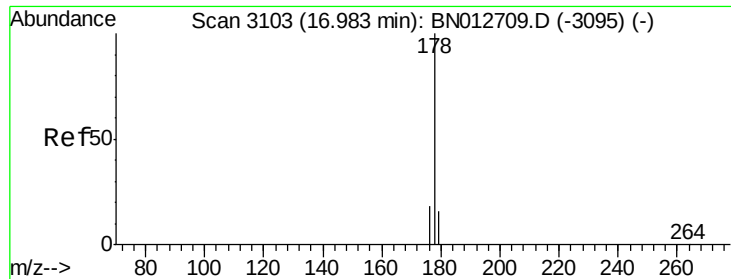
179 15.4 13.8 20.6

176 18.6 16.7 25.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





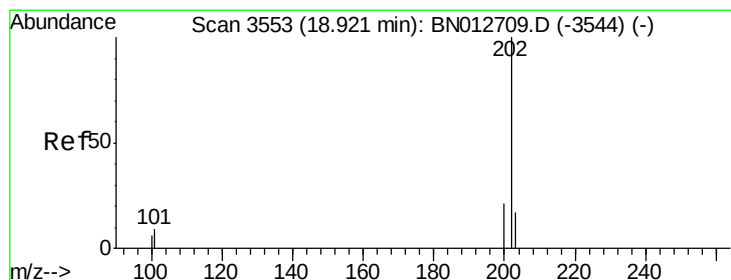
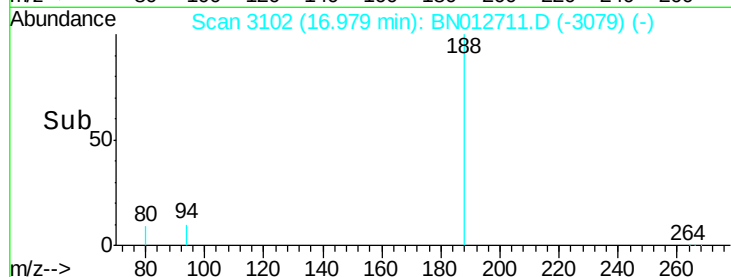
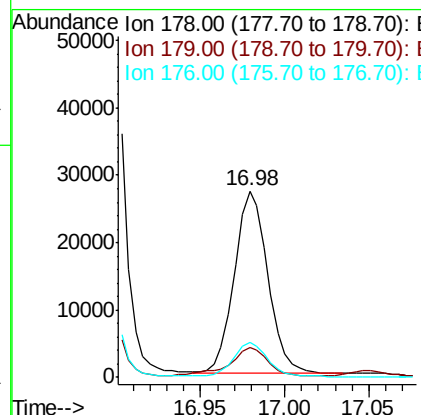
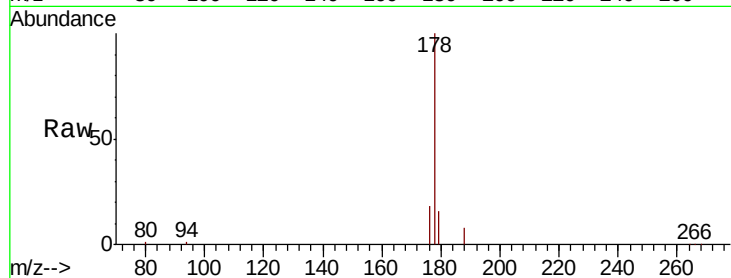
#13
 Anthracene
 Concen: 3.039 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN012711.D
 Acq: 24 Nov 2020 11:52

Instrument :
 BNA_N
 ClientSampleId :
 C0B79

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.8	22.2
176	18.5	16.3	24.5

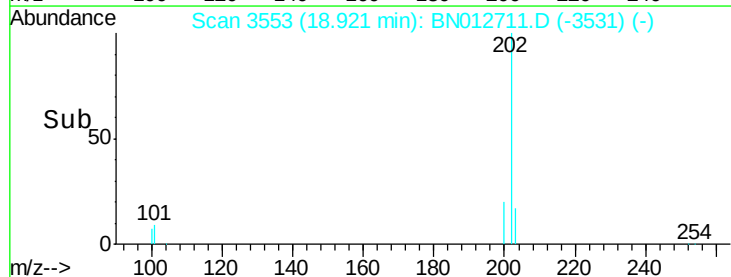
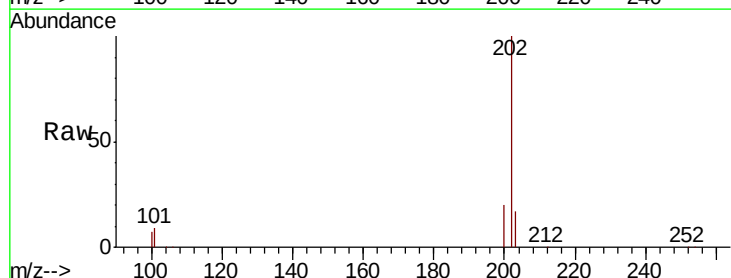
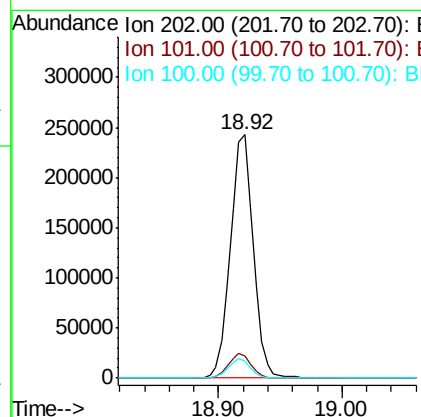
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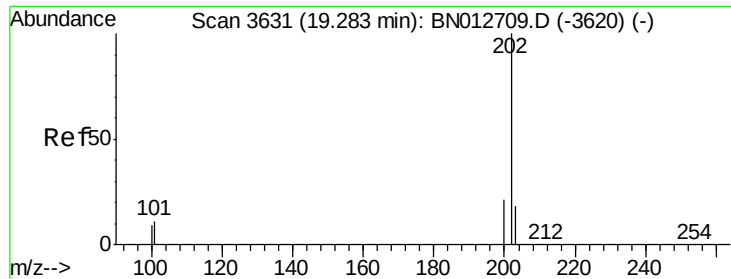
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#15
 Fluoranthene
 Concen: 19.019 ng/ul
 RT: 18.92 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: BN012711.D
 Acq: 24 Nov 2020 11:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.5
100	6.9	0.0	28.4





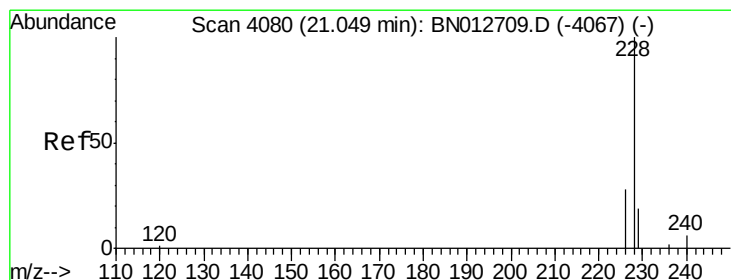
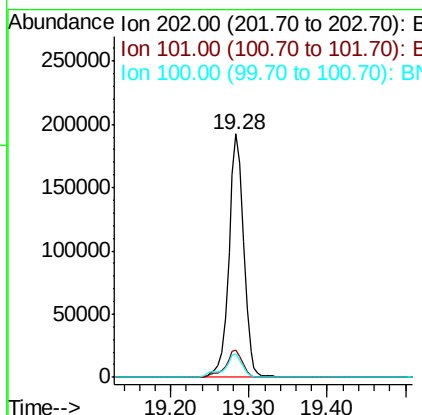
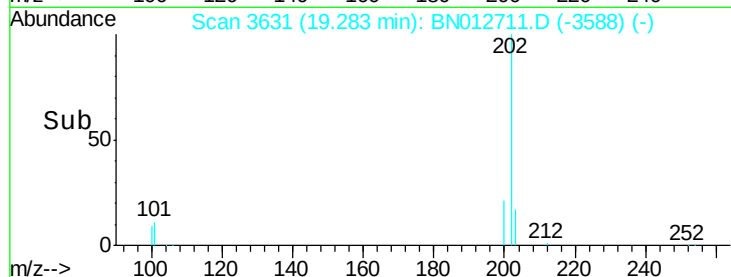
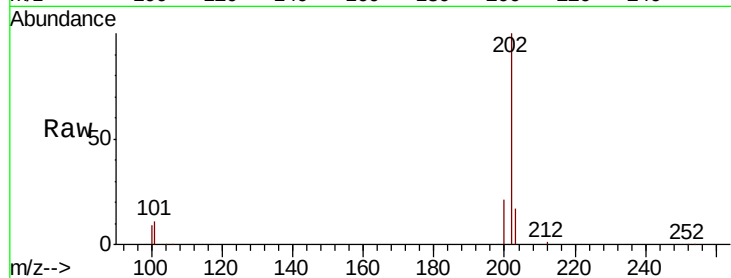
#17
 Pvrene
 Concen: 13.586 ng/ul
 RT: 19.28 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: BN012711.D
 Acq: 24 Nov 2020 11:52

Instrument :
 BNA_N
 ClientSampleId :
 C0B79

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	8.9	13.3
100	9.4	7.4	11.2

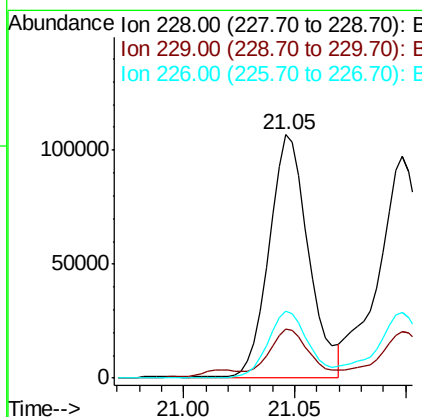
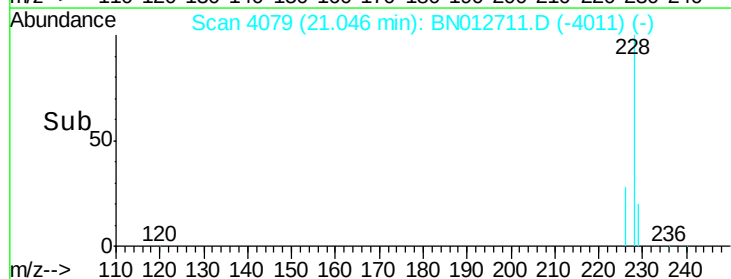
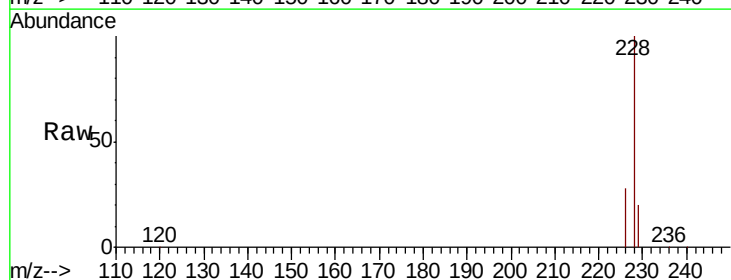
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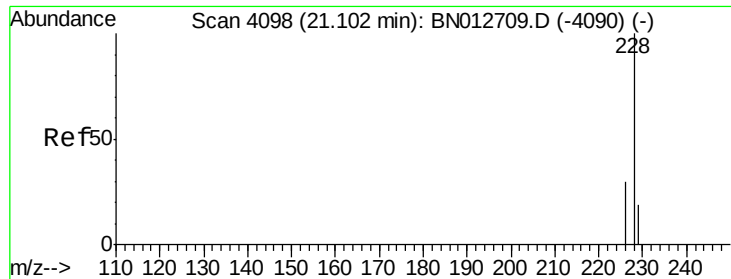
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#18
 Benzo(a)anthracene
 Concen: 8.769 ng/ul
 RT: 21.05 min Scan# 4079
 Delta R.T. -0.00 min
 Lab File: BN012711.D
 Acq: 24 Nov 2020 11:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.0	16.9	25.3
226	27.7	23.1	34.7





#19

Chrysene

Concen: 7.154 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

Instrument :

BNA_N

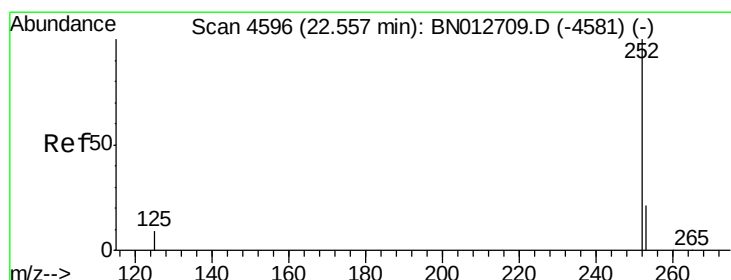
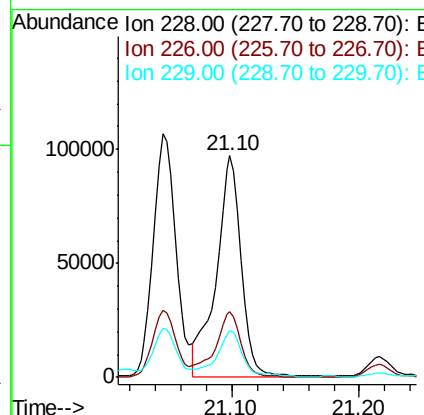
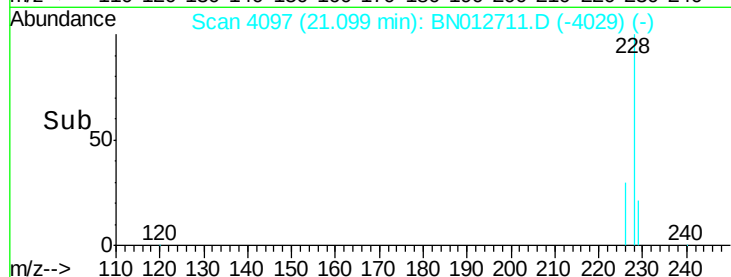
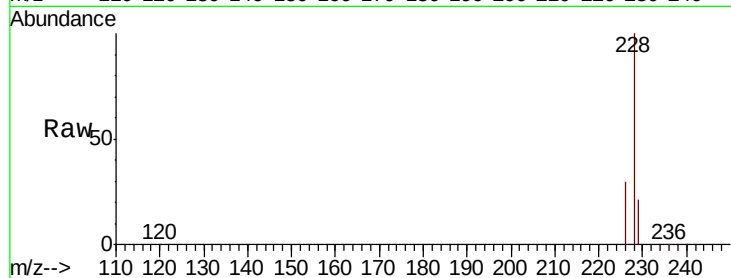
ClientSampled :

C0B79

Tot Ion:228	Resp:	133400
Ion Ratio	Lower	Upper
228 100		
226 29.9	24.4	36.6
229 21.1	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 9.499 ng/ul m

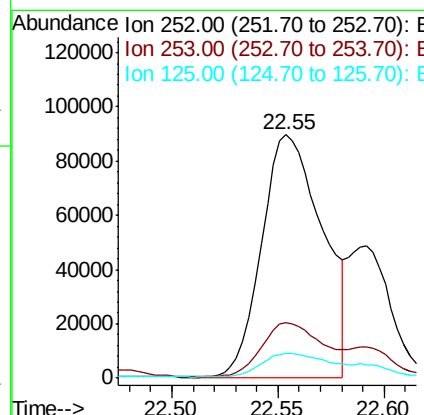
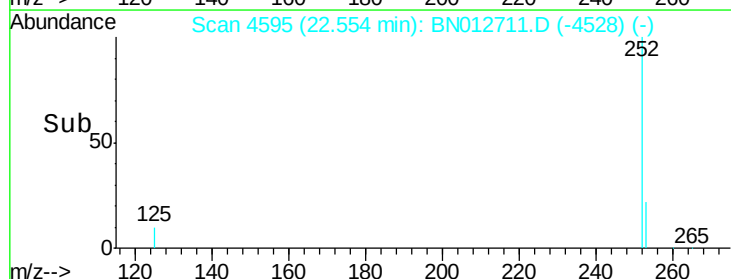
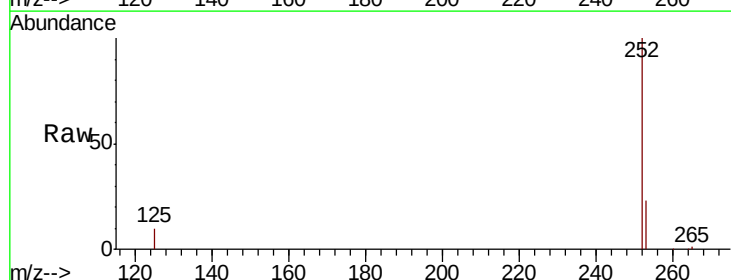
RT: 22.55 min Scan# 4595

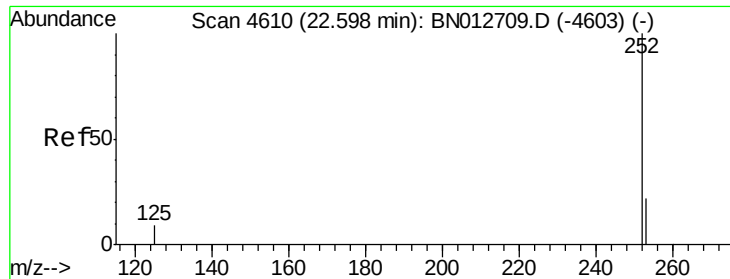
Delta R.T. -0.00 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

Tgt Ion:252	Resp:	179547
Ion Ratio	Lower	Upper
252 100		
253 22.7	0.0	58.4
125 10.2	0.0	28.6





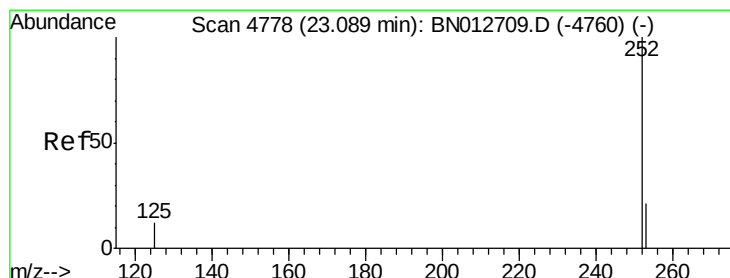
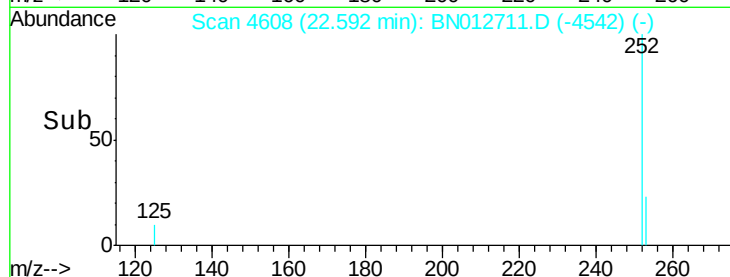
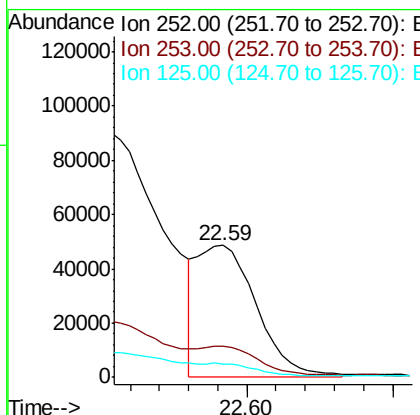
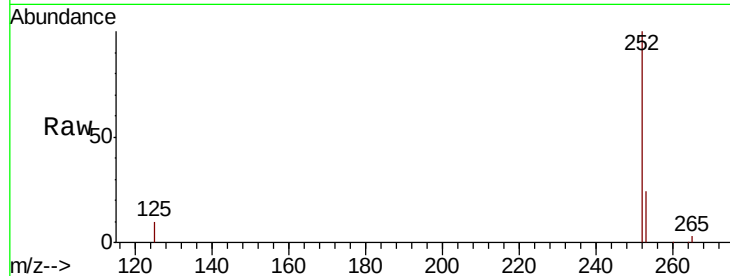
#22
Benzo(k)fluoranthene
Concen: 3.154 ng/ul m
RT: 22.59 min Scan# 4608
Delta R.T. -0.01 min
Lab File: BN012711.D
Acq: 24 Nov 2020 11:52

Instrument :
BNA_N
ClientSampleId :
C0B79

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	23.4	35.2
125	10.3	10.2	15.2

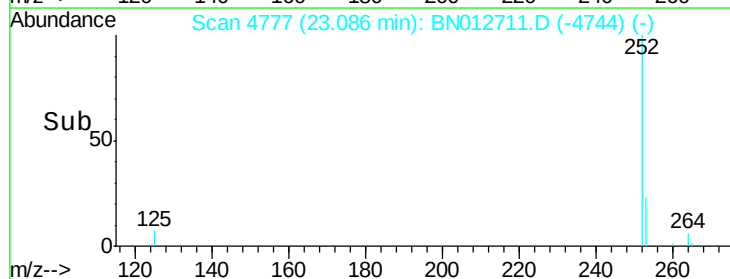
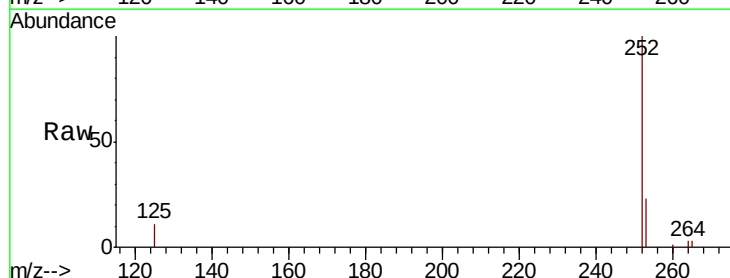
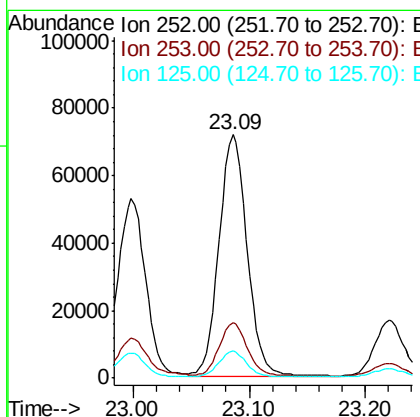
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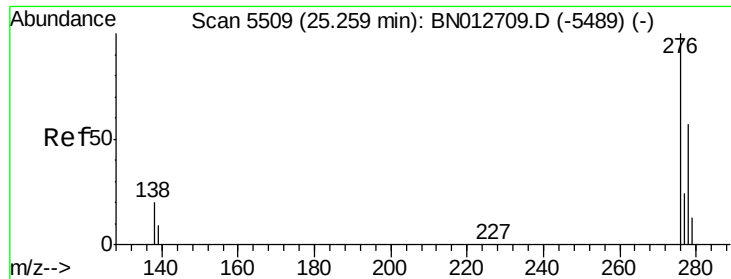
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#23
Benzo(a)pyrene
Concen: 6.733 ng/ul
RT: 23.09 min Scan# 4777
Delta R.T. -0.00 min
Lab File: BN012711.D
Acq: 24 Nov 2020 11:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	27.6	41.4#
125	11.0	17.0	25.4#





#24

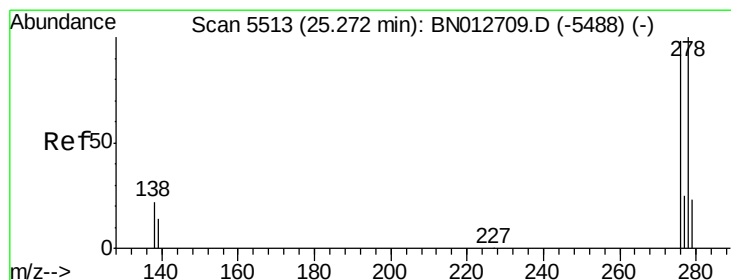
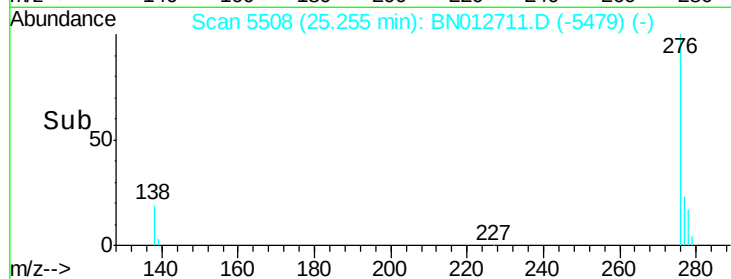
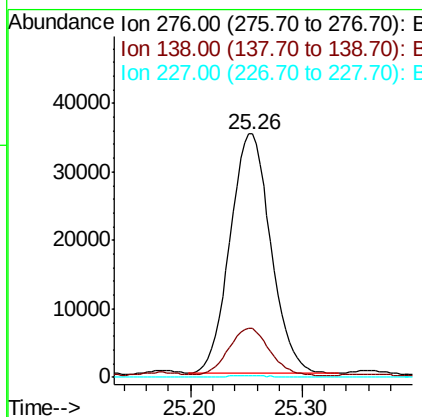
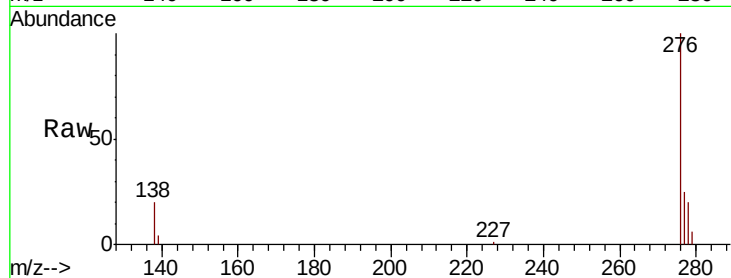
Indeno(1,2,3-cd)pyrene
Concen: 3.806 ng/ul
RT: 25.26 min Scan# 5508
Delta R.T. -0.00 min
Lab File: BN012711.D
Acq: 24 Nov 2020 11:52

Instrument :
BNA_N
ClientSampleId :
C0B79

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

Manual Integrations
APPROVED

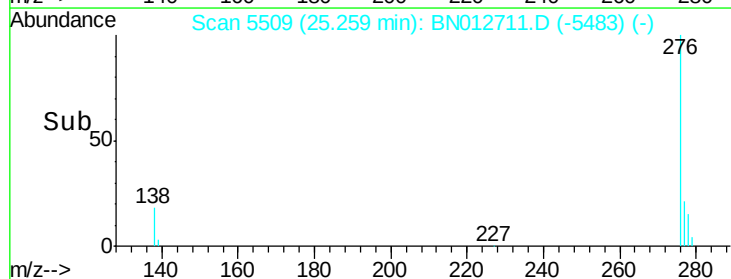
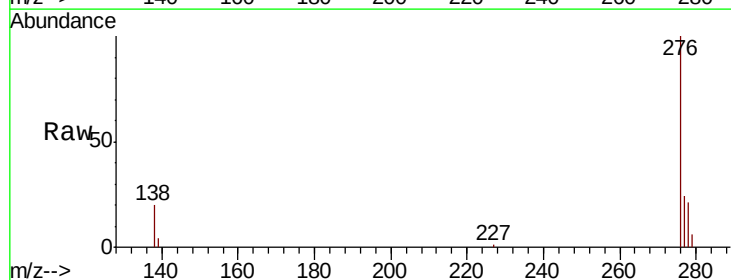
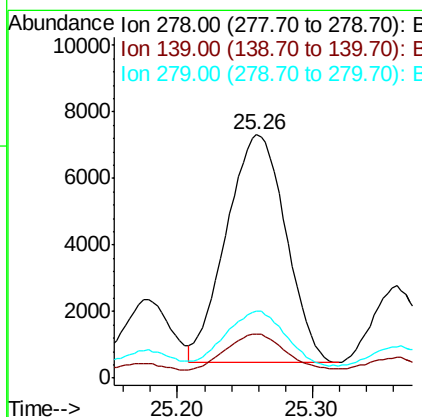
mohammad
11/25/2020 1:20:39 PM

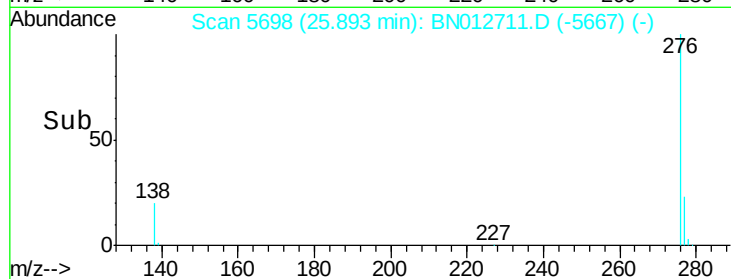
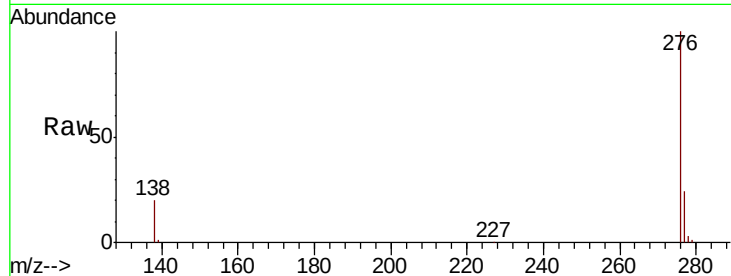
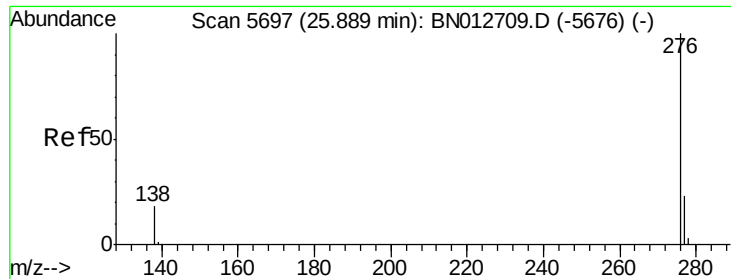


#25

Dibenzo(a,h)anthracene
Concen: 1.127 ng/ul
RT: 25.26 min Scan# 5509
Delta R.T. -0.01 min
Lab File: BN012711.D
Acq: 24 Nov 2020 11:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.8	20.8
279	27.7	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 3.887 ng/ul

RT: 25.89 min Scan# 5698

Delta R.T. 0.00 min

Lab File: BN012711.D

Acq: 24 Nov 2020 11:52

Tot Ion:	276	Resp:	81387
Ion Ratio	Lower	Upper	
276	100		
138	20.4	16.3	24.5
277	23.7	21.8	32.8

Instrument :

BNA_N

ClientSampleId :

C0B79

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:39 PM

