

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012720.D
 Acq On : 24 Nov 2020 17:27
 Operator : CG/JU
 Sample : L4751-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BG2

Manual Integrations
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mohammad
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Quant Time: Nov 25 02:33:43 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	880	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2003	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4139	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3637	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3993	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	652	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1388	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.25	128	948	0.088	ng/ul#	90
5) 2-Methylnaphthalene	11.88	142	499	0.073	ng/ul	98
7) Acenaphthylene	13.81	152	1282	0.131	ng/ul	94
8) Acenaphthene	14.16	153	1118	0.136	ng/ul	97
9) Fluorene	15.15	166	1717	0.190	ng/ul	98
12) Phenanthrene	16.89	178	20102	1.396	ng/ul	96
13) Anthracene	16.98	178	5325	0.425	ng/ul	99
15) Fluoranthene	18.92	202	25511	1.534	ng/ul	99
17) Pyrene	19.28	202	22469	1.381	ng/ul	99
18) Benzo(a)anthracene	21.05	228	13593	1.043	ng/ul	100
19) Chrysene	21.10	228	12572	0.772	ng/ul	97
21) Benzo(b)fluoranthene	22.56	252	16215m	0.883	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	6209m	0.293	ng/ul	
23) Benzo(a)pyrene	23.09	252	11343m	0.656	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.25	276	6915	0.306	ng/ul	99
25) Dibenzo(a,h)anthracene	25.27	278	2008	0.111	ng/ul#	71
26) Benzo(a,h,i)perylene	25.89	276	6358	0.312	ng/ul	98

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

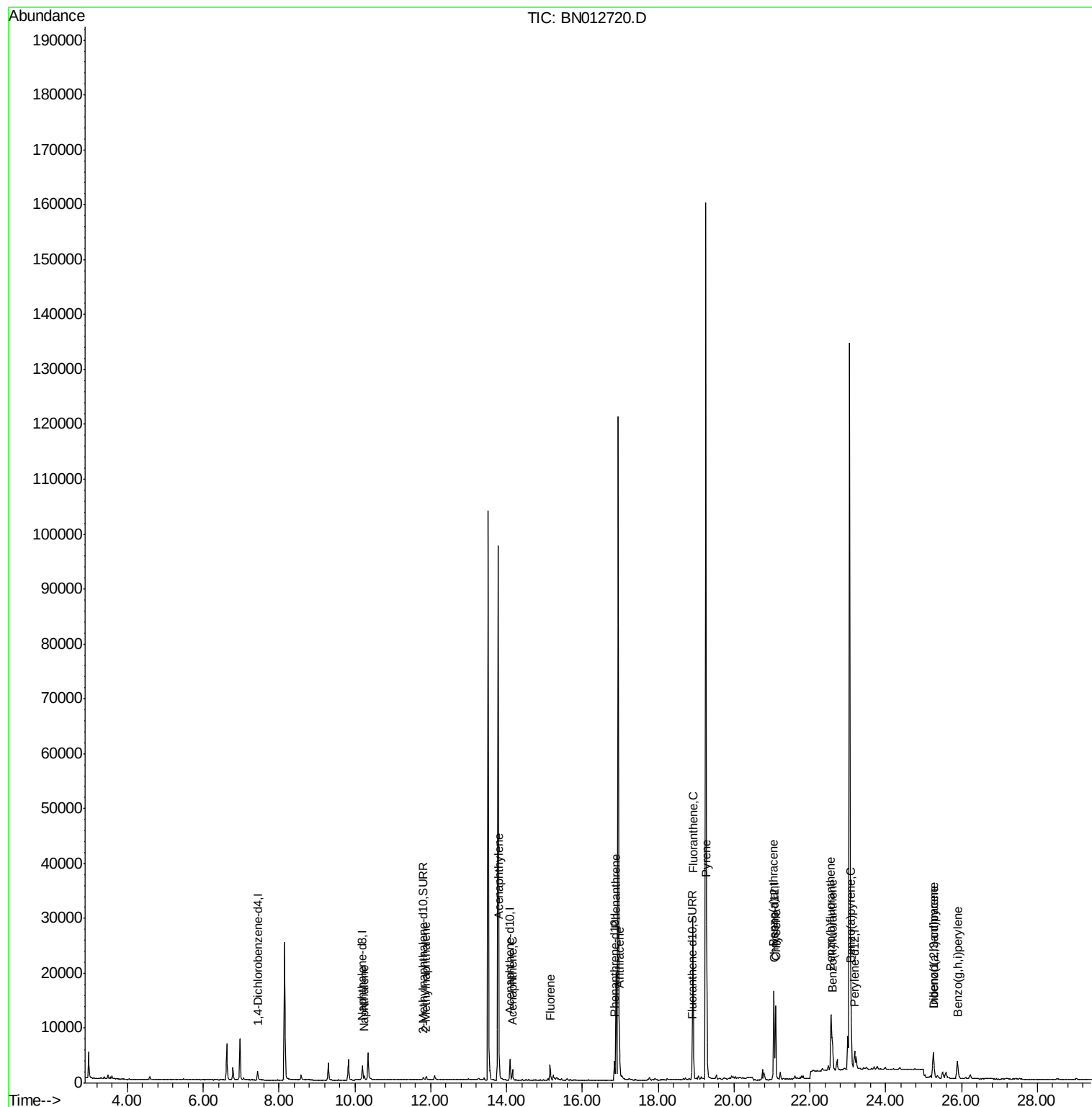
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
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ALS Vial : 12 Sample Multiplier: 1

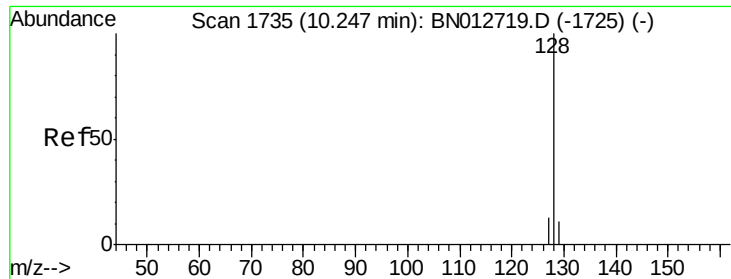
Instrument :
BNA_N
ClientSampleId :
C0BG2

Manual Integrations
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Quant Time: Nov 25 02:33:43 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: 0.088 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BN012720.D

Acq: 24 Nov 2020 17:27

Instrument :

BNA_N

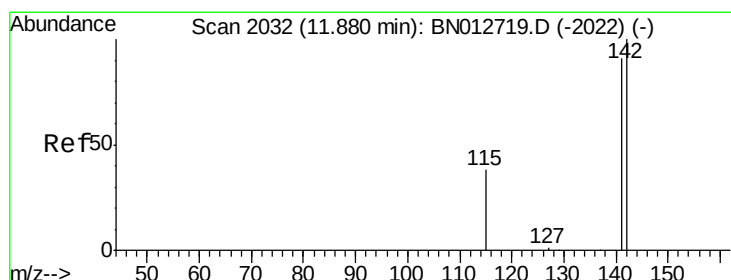
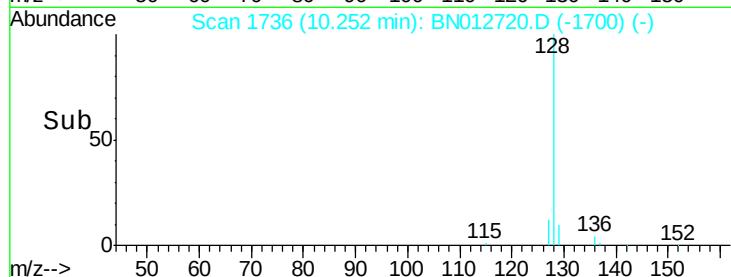
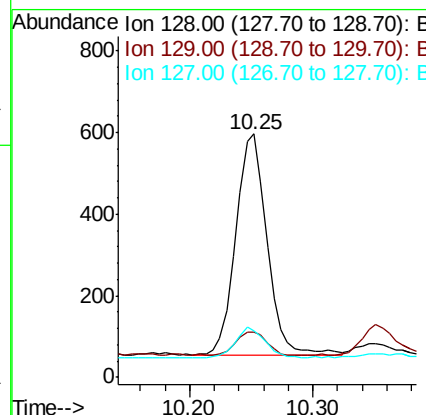
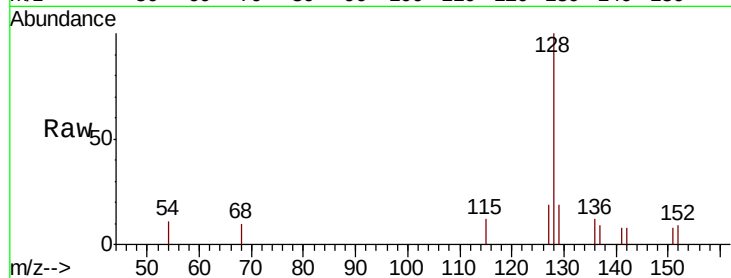
ClientSampleId :

C0BG2

Tot Ion:	128	Resp:	948
Ion	Ratio	Lower	Upper
128	100		
129	18.8	11.2	16.8#
127	19.1	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.073 ng/ul

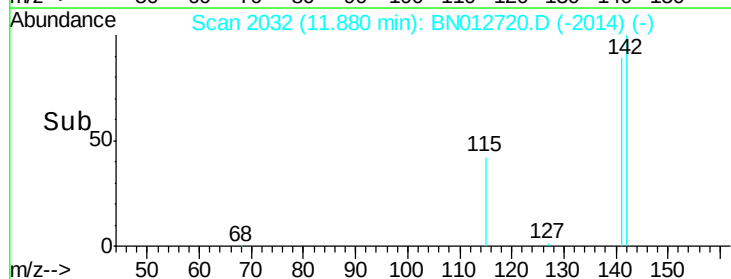
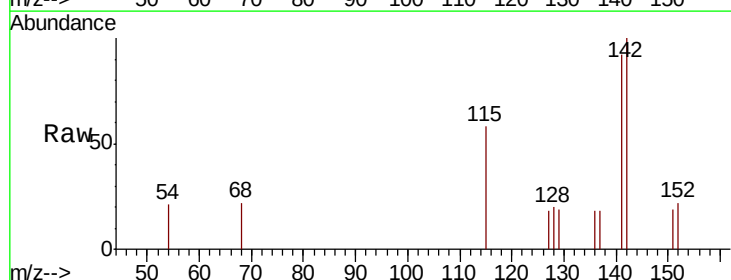
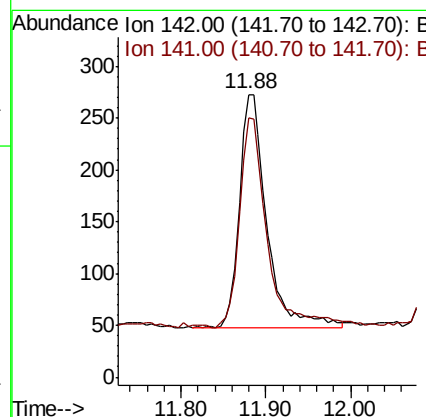
RT: 11.88 min Scan# 2032

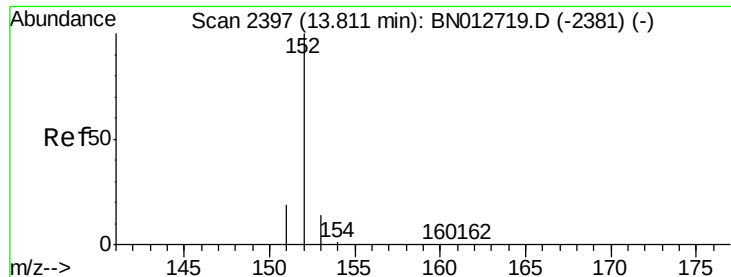
Delta R.T. 0.00 min

Lab File: BN012720.D

Acq: 24 Nov 2020 17:27

Tgt Ion:	142	Resp:	499
Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.3	108.5





#7

Acenaphthylene

Concen: 0.131 ng/ul

RT: 13.81 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN012720.D

Acq: 24 Nov 2020 17:27

Instrument :

BNA_N

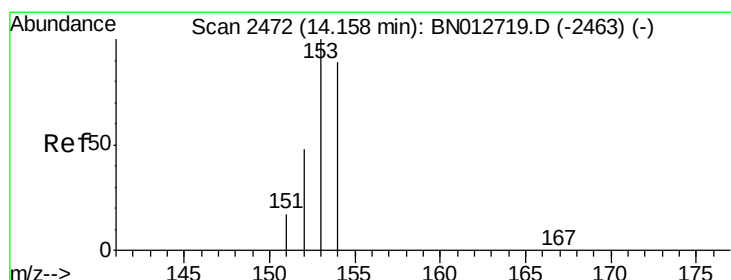
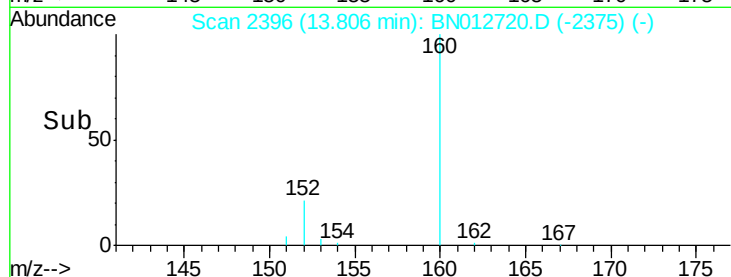
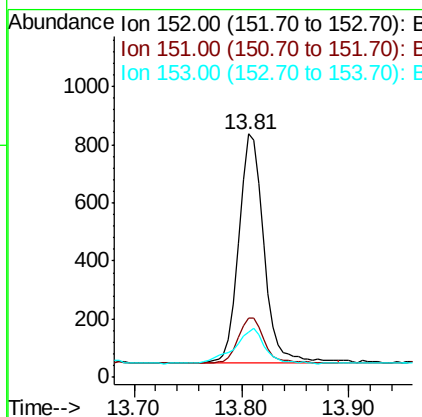
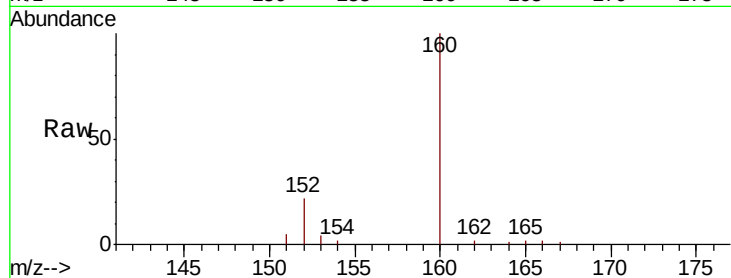
ClientSampleId :

C0BG2

Tot Ion:	152	Resp:	1282
Ion Ratio	Lower	Upper	
152	100		
151	24.3	17.1	25.7
153	18.6	12.6	19.0

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#8

Acenaphthene

Concen: 0.136 ng/ul

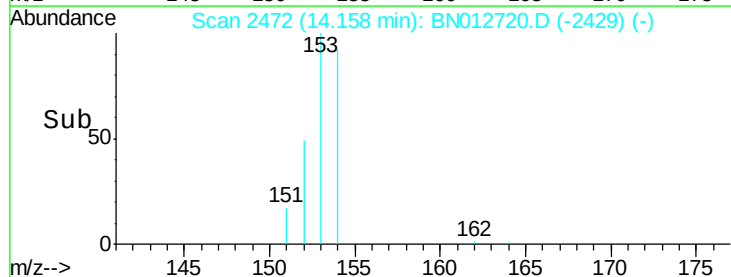
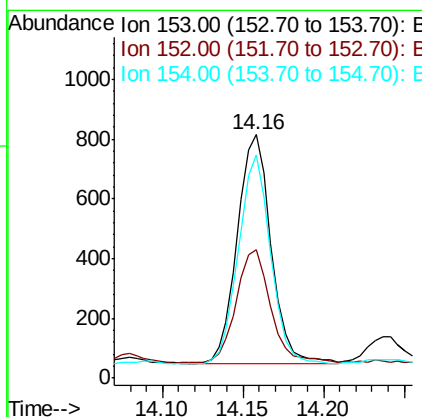
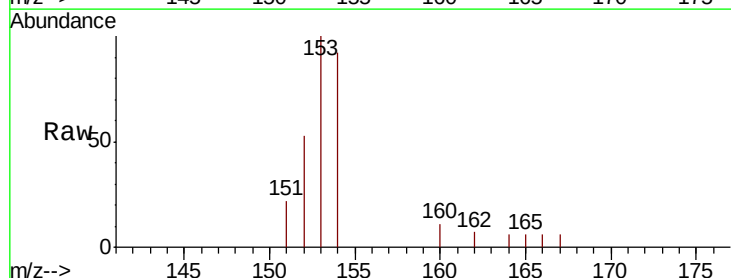
RT: 14.16 min Scan# 2472

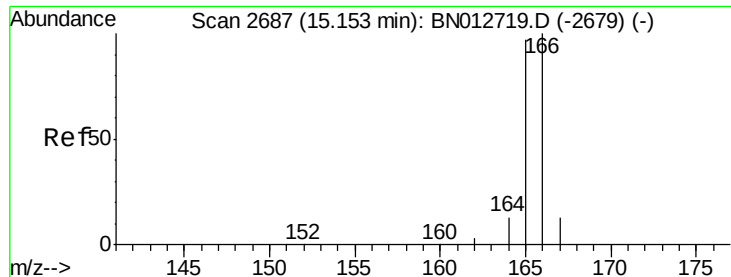
Delta R.T. 0.00 min

Lab File: BN012720.D

Acq: 24 Nov 2020 17:27

Tgt Ion:	153	Resp:	1118
Ion Ratio	Lower	Upper	
153	100		
152	52.6	41.4	62.0
154	91.8	70.9	106.3





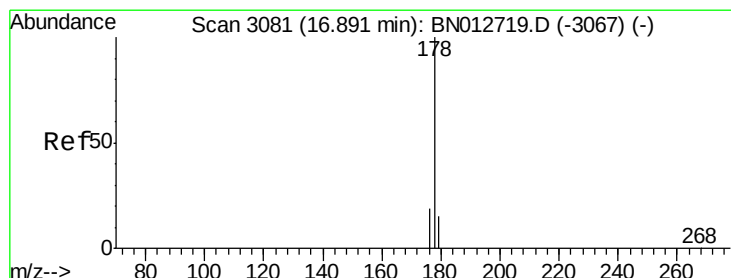
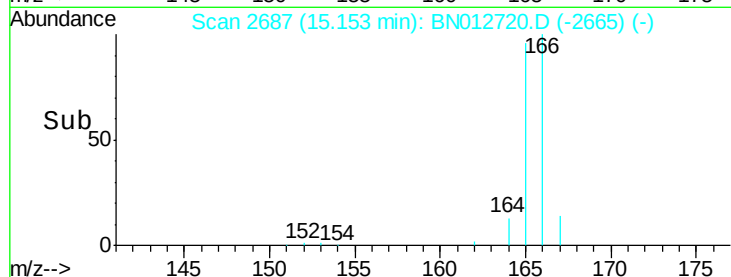
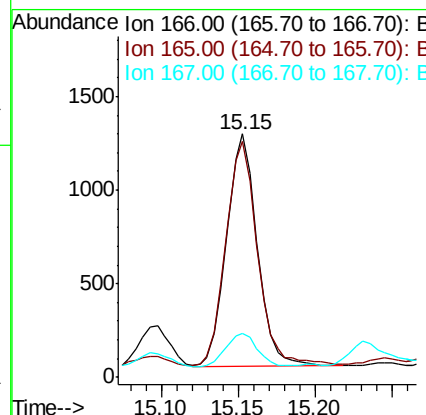
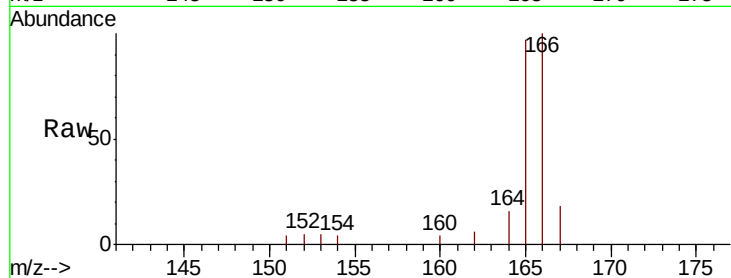
#9
Fluorene
 Concen: 0.190 ng/ul
 RT: 15.15 min Scan# 2687
 Delta R.T. 0.00 min
 Lab File: BN012720.D
 Acq: 24 Nov 2020 17:27

Instrument :
 BNA_N
 ClientSampleId :
 C0BG2

Tot Ion:	166	Resp:	1717
Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.5	117.7
167	18.1	12.7	19.1

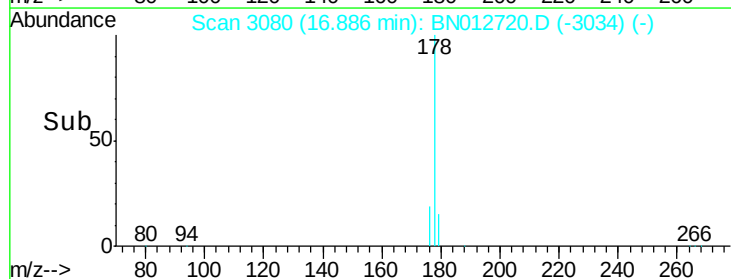
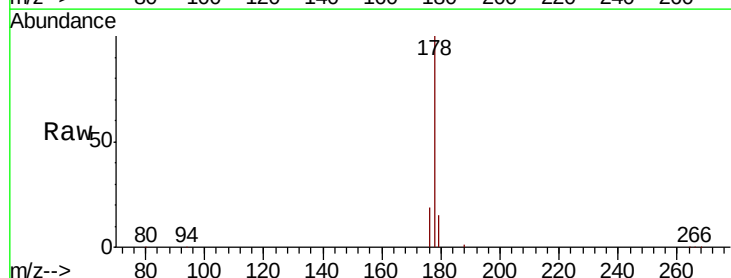
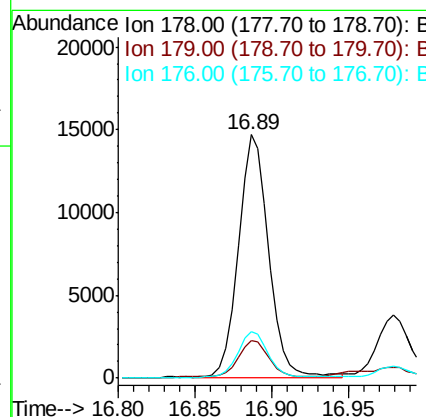
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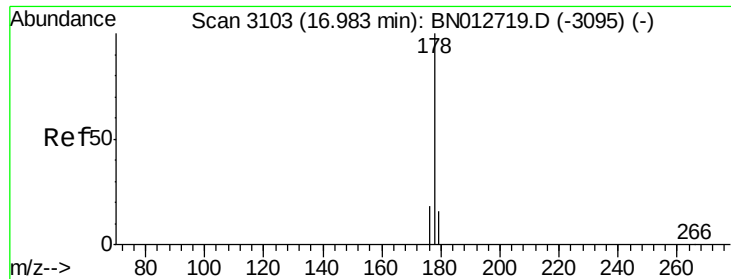
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#12
Phenanthrene
 Concen: 1.396 ng/ul
 RT: 16.89 min Scan# 3080
 Delta R.T. -0.00 min
 Lab File: BN012720.D
 Acq: 24 Nov 2020 17:27

Tgt Ion:	178	Resp:	20102
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.8	20.6
176	19.2	16.7	25.1





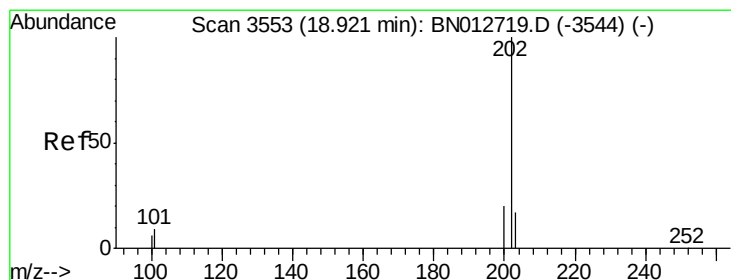
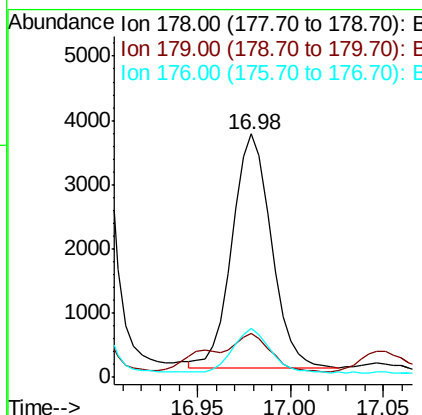
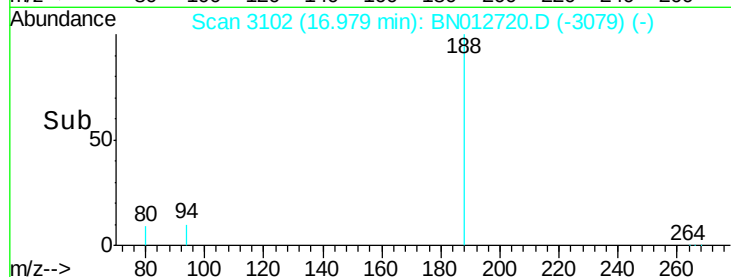
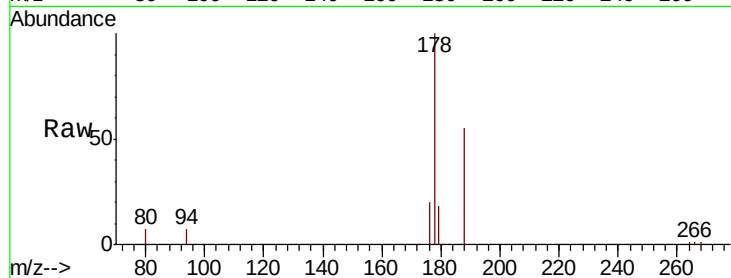
#13
 Anthracene
 Concen: 0.425 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN012720.D
 Acq: 24 Nov 2020 17:27

Instrument :
 BNA_N
 ClientSampled :
 C0BG2

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.8	22.2
176	19.9	16.3	24.5

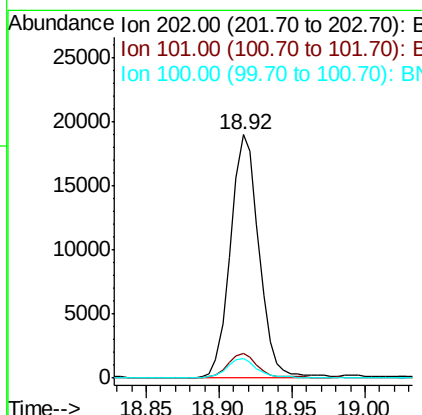
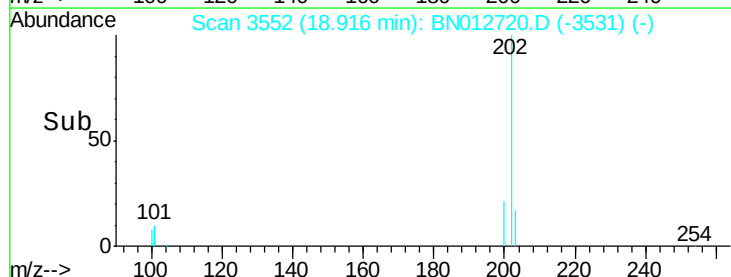
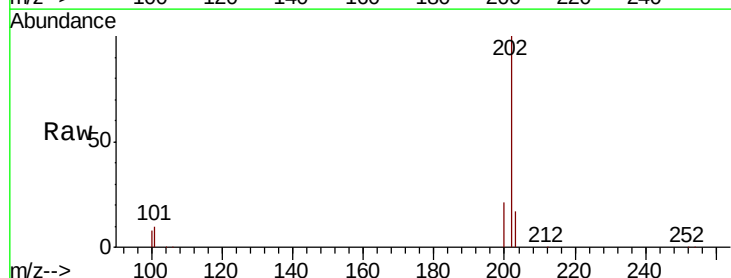
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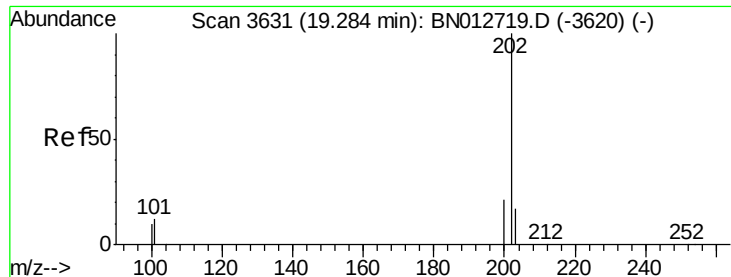
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#15
 Fluoranthene
 Concen: 1.534 ng/ul
 RT: 18.92 min Scan# 3552
 Delta R.T. -0.00 min
 Lab File: BN012720.D
 Acq: 24 Nov 2020 17:27

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





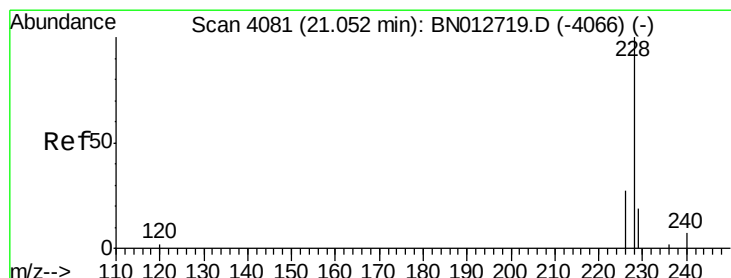
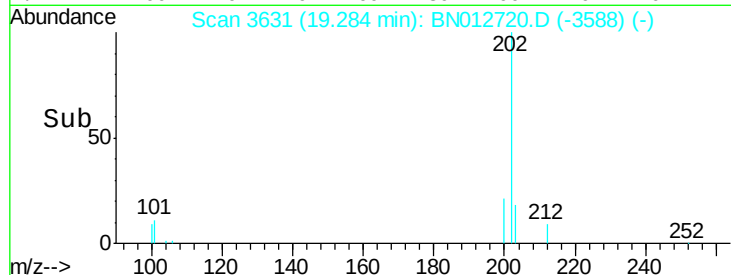
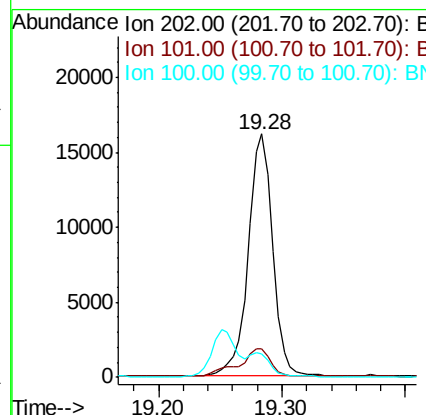
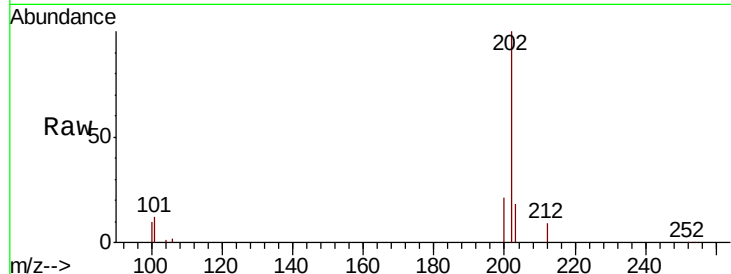
#17
 Pvrene
 Concen: 1.381 ng/ul
 RT: 19.28 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: BN012720.D
 Acq: 24 Nov 2020 17:27

Instrument :
 BNA_N
 ClientSampleId :
 C0BG2

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	9.5	7.4	11.2

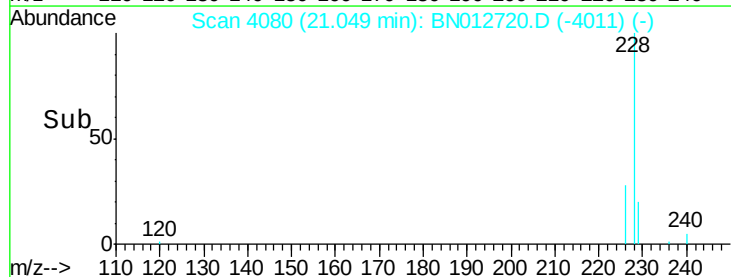
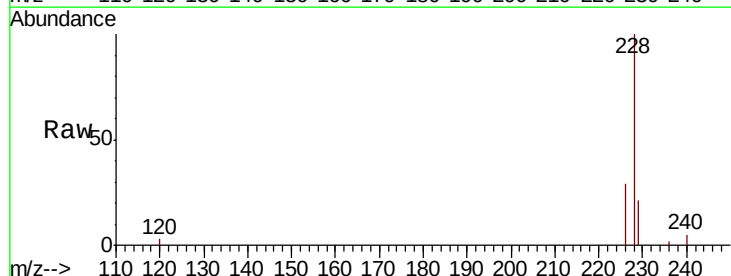
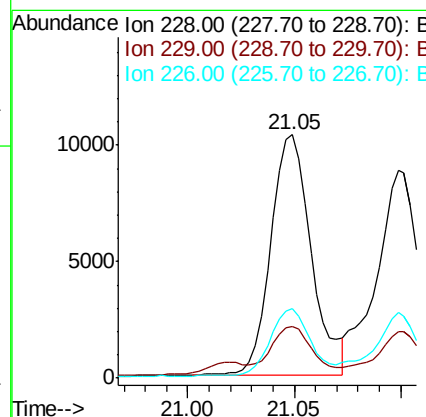
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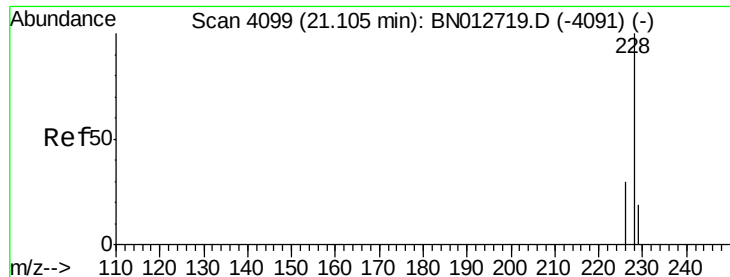
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#18
 Benzo(a)anthracene
 Concen: 1.043 ng/ul
 RT: 21.05 min Scan# 4080
 Delta R.T. 0.00 min
 Lab File: BN012720.D
 Acq: 24 Nov 2020 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.9	25.3
226	28.8	23.1	34.7





#19

Chrysene

Concen: 0.772 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012720.D

Acq: 24 Nov 2020 17:27

Instrument :

BNA_N

ClientSampleId :

C0BG2

Tot Ion:228 Resp: 12572

Ion Ratio Lower Upper

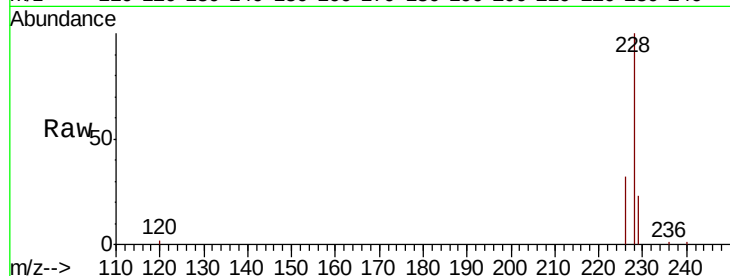
228 100

226 31.7 24.4 36.6

229 22.6 16.1 24.1

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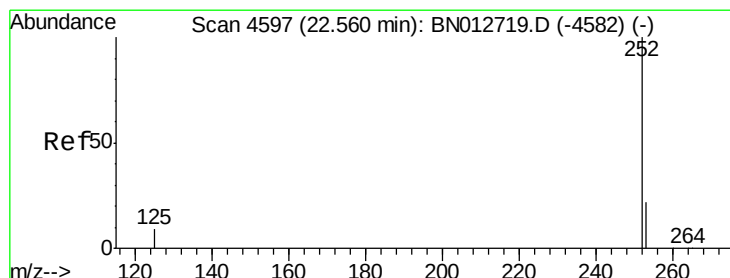
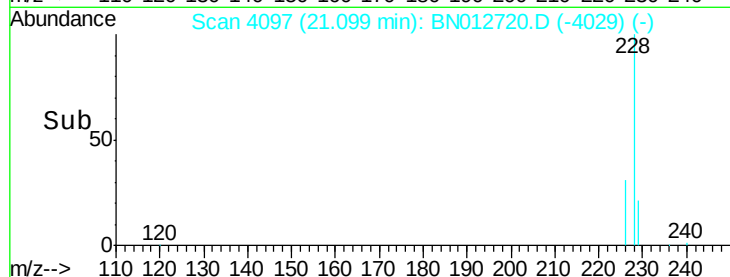
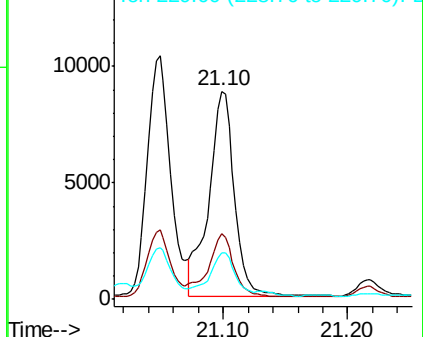
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.883 ng/ul m

RT: 22.56 min Scan# 4596

Delta R.T. 0.00 min

Lab File: BN012720.D

Acq: 24 Nov 2020 17:27

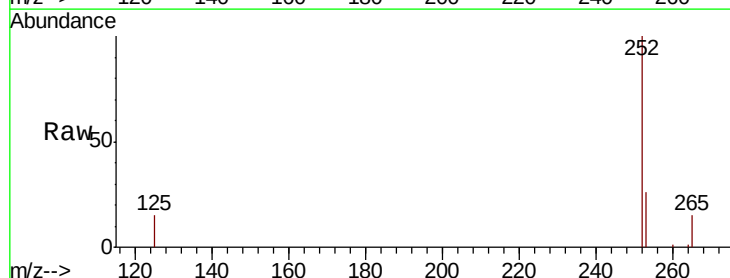
Tgt Ion:252 Resp: 16215

Ion Ratio Lower Upper

252 100

253 26.4 0.0 58.4

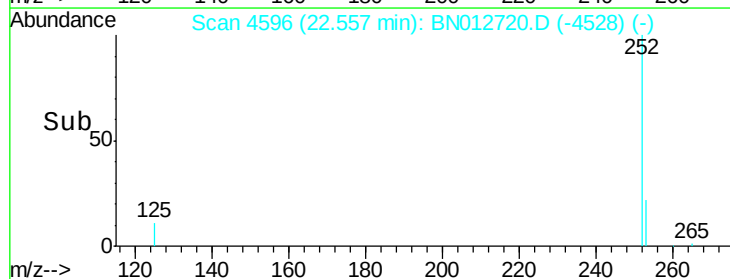
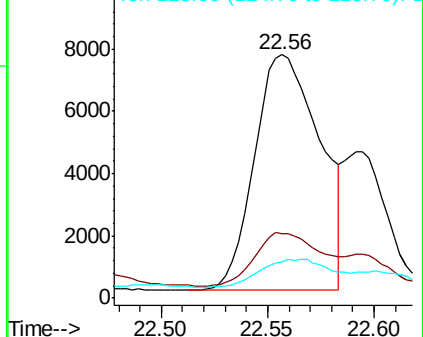
125 15.1 0.0 28.6

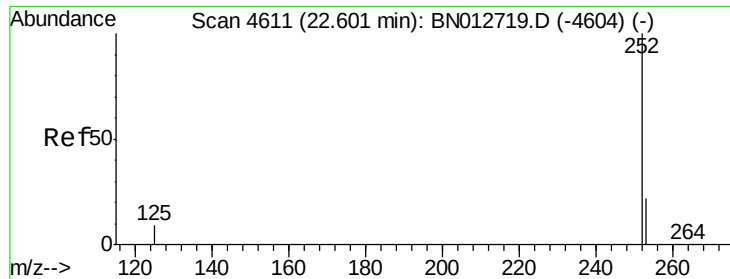


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





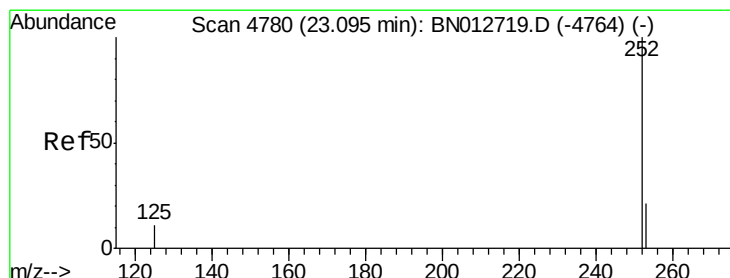
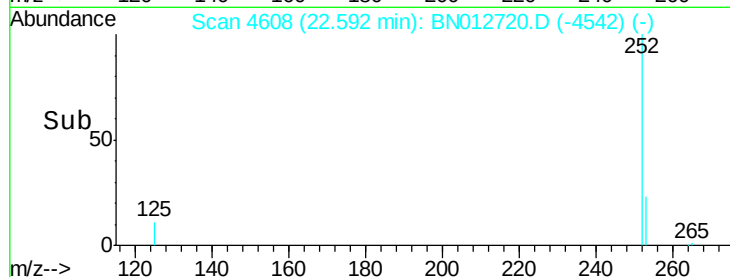
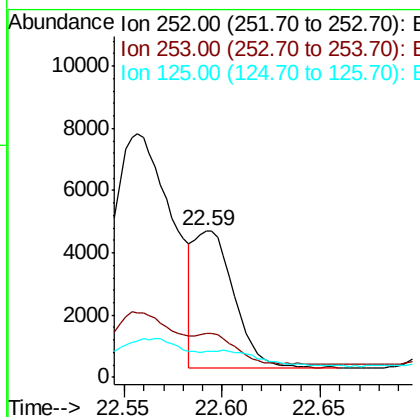
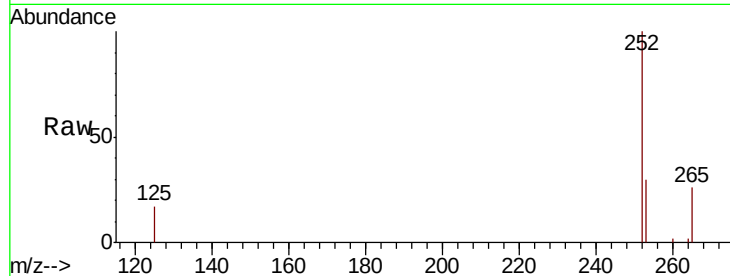
#22
Benzo(k)fluoranthene
Concen: 0.293 ng/ul m
RT: 22.59 min Scan# 4608
Delta R.T. -0.01 min
Lab File: BN012720.D
Acq: 24 Nov 2020 17:27

Instrument :
BNA_N
ClientSampleId :
C0BG2

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.8	23.4	35.2
125	17.4	10.2	15.2#

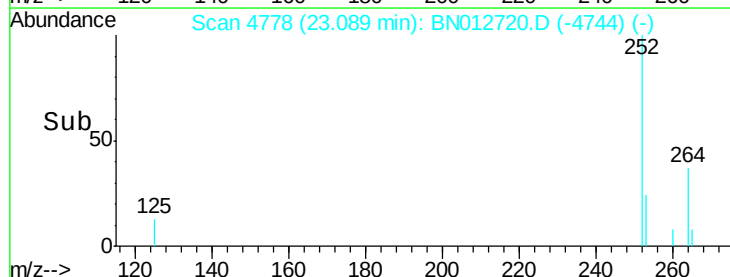
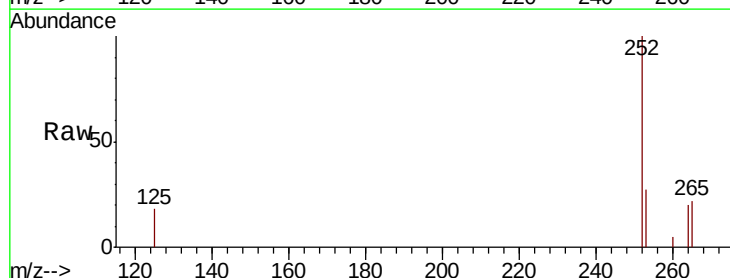
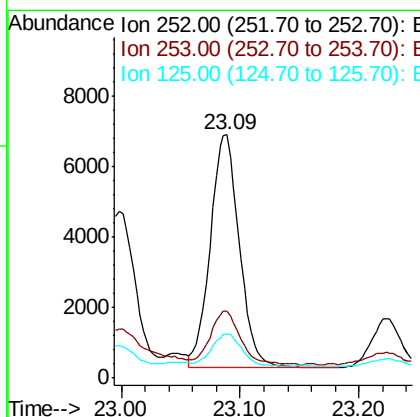
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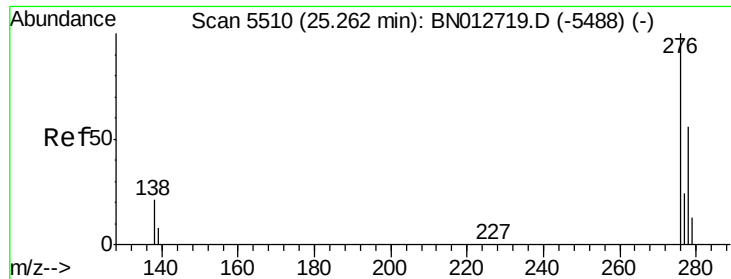
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#23
Benzo(a)pyrene
Concen: 0.656 ng/ul m
RT: 23.09 min Scan# 4778
Delta R.T. 0.00 min
Lab File: BN012720.D
Acq: 24 Nov 2020 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	27.6	41.4#
125	18.1	17.0	25.4





#24

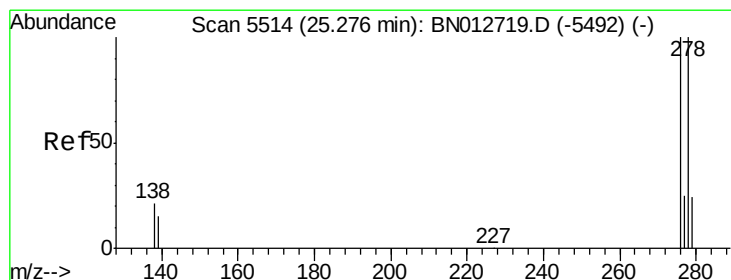
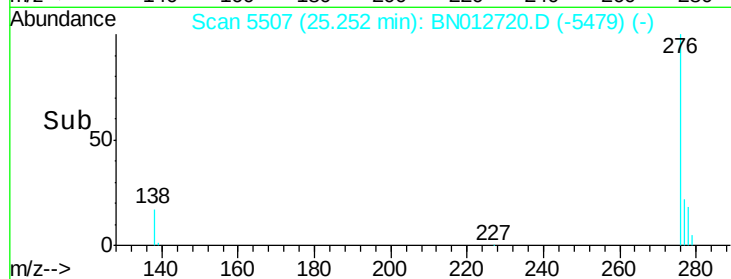
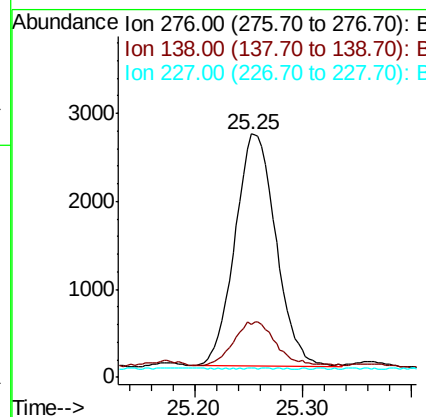
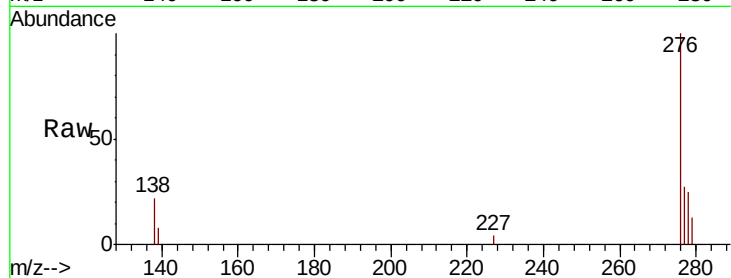
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 25.25 min Scan# 5507
Delta R.T. -0.01 min
Lab File: BN012720.D
Acq: 24 Nov 2020 17:27

Instrument :
BNA_N
ClientSampleId :
C0BG2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.5	24.7
227	0.1	0.1	0.1

Manual Integrations
APPROVED

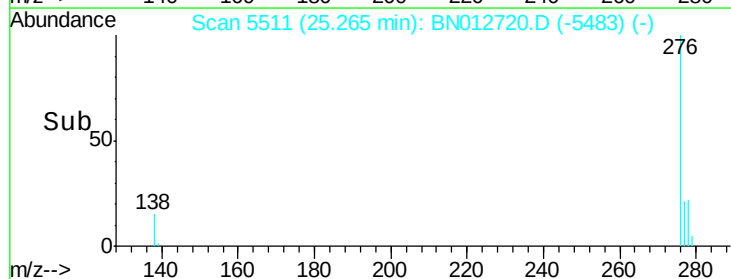
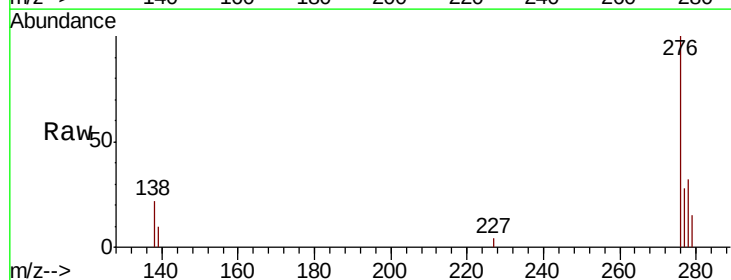
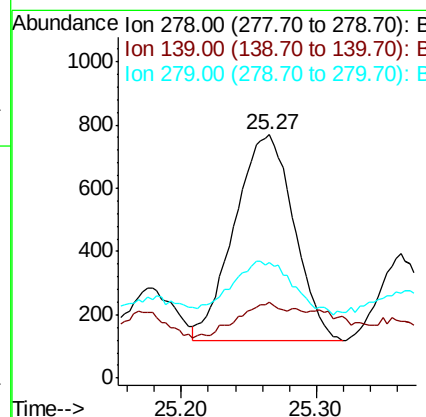
mohammad
11/25/2020 1:21:02 PM

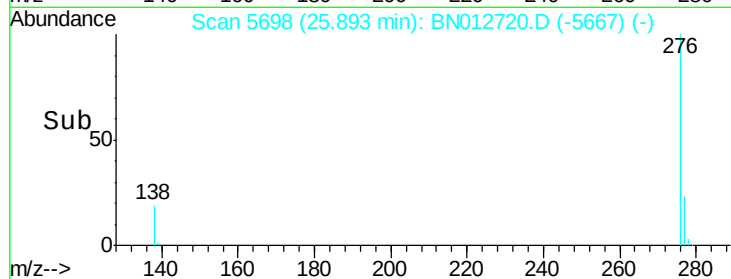
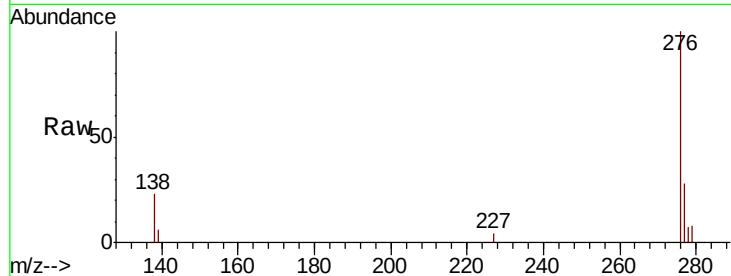
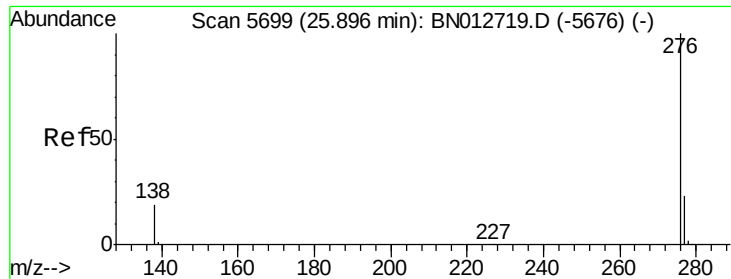


#25

Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.27 min Scan# 5511
Delta R.T. -0.01 min
Lab File: BN012720.D
Acq: 24 Nov 2020 17:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.9	13.8	20.8#
279	47.3	25.6	38.4#





#26

Benzo(a,h,i)perylene

Concen: 0.312 ng/ul

RT: 25.89 min Scan# 5698

Delta R.T. 0.00 min

Lab File: BN012720.D

Acq: 24 Nov 2020 17:27

Tot Ion:	276	Resp:	6358
Ion Ratio	Lower	Upper	
276	100		
138	22.8	16.3	24.5
277	27.5	21.8	32.8

Instrument :

BNA_N

ClientSampleId :

C0BG2

Manual Integrations
APPROVED

mohammad
11/25/2020 1:21:02 PM

