

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012716.D
 Acq On : 24 Nov 2020 14:52
 Operator : CG/JU
 Sample : L4751-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B81

Manual Integrations
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Quant Time: Nov 24 15:34:46 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	899	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2129	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4445	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3806	0.40	ng/ul	0.00
20) Perylene-d12	23.17	264	3809	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	780	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1658	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.25	128	491	0.044	ng/ul#	70
5) 2-Methylnaphthalene	11.88	142	395	0.055	ng/ul	98
7) Acenaphthylene	13.81	152	2161	0.208	ng/ul	96
8) Acenaphthene	14.16	153	1406	0.161	ng/ul	98
9) Fluorene	15.15	166	1662	0.173	ng/ul	99
11) Pentachlorophenol	16.51	266	67	0.047	ng/ul#	90
12) Phenanthrene	16.89	178	56920	3.680	ng/ul	96
13) Anthracene	16.98	178	8838	0.657	ng/ul	96
15) Fluoranthene	18.92	202	144169	8.074	ng/ul	100
17) Pyrene	19.28	202	119261	7.005	ng/ul	98
18) Benzo(a)anthracene	21.05	228	53448	3.919	ng/ul	98
19) Chrysene	21.10	228	62154	3.648	ng/ul	98
21) Benzo(b)fluoranthene	22.55	252	88364m	5.043	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	34191m	1.692	ng/ul	
23) Benzo(a)pyrene	23.09	252	58850	3.569	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.25	276	45946	2.131	ng/ul	98
25) Dibenzo(a,h)anthracene	25.26	278	10010	0.578	ng/ul	95
26) Benzo(g,h,i)perylene	25.89	276	42508	2.190	ng/ul	97

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

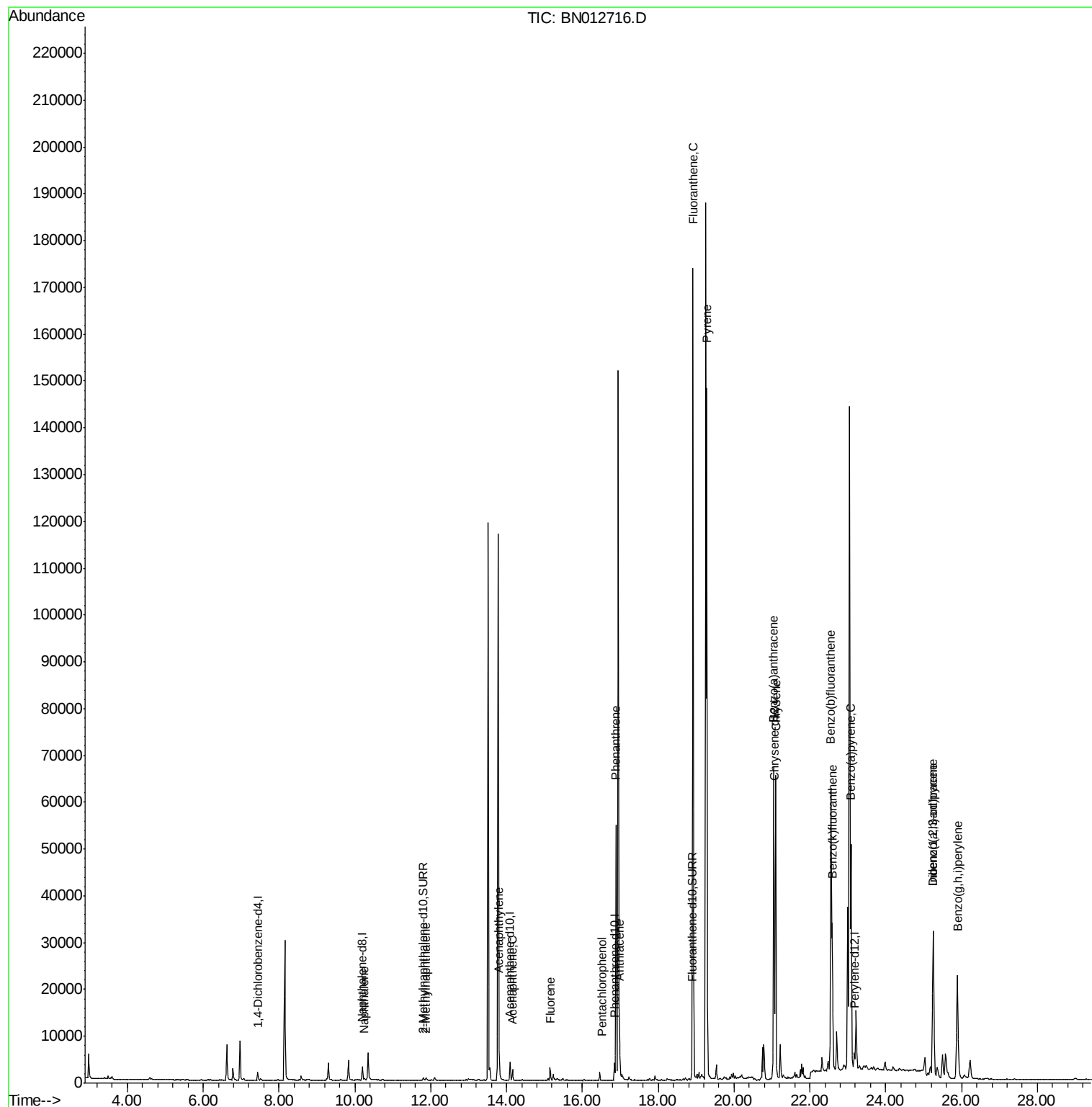
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
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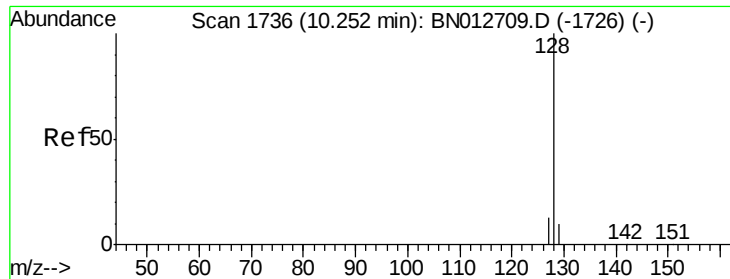
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Quant Time: Nov 24 15:34:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 11:59:48 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.044 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Instrument :

BNA_N

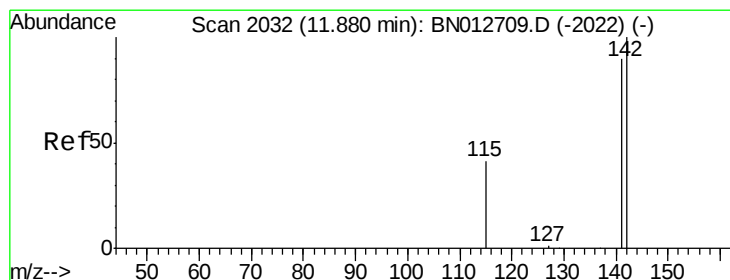
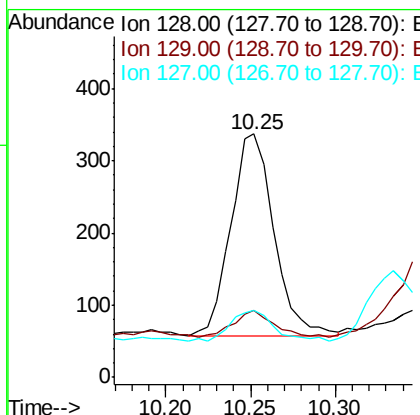
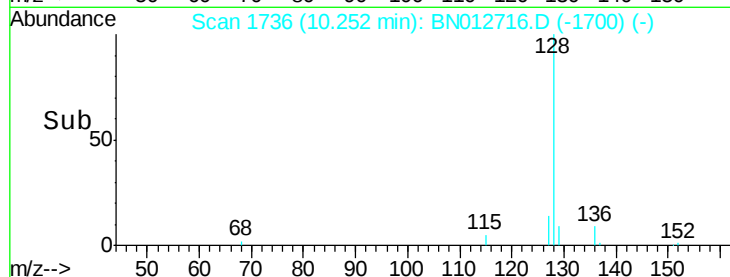
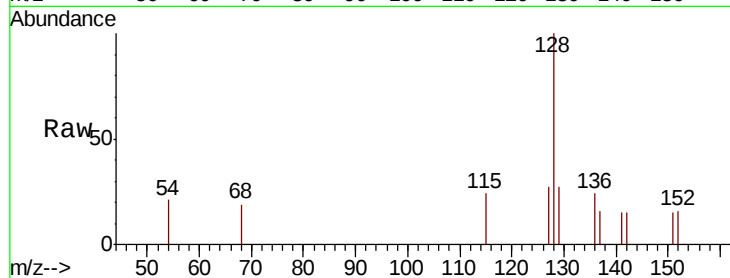
ClientSampleId :

C0B81

Tot Ion:	128	Resp:	491
Ion	Ratio	Lower	Upper
128	100		
129	27.3	11.2	16.8#
127	27.3	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.055 ng/ul

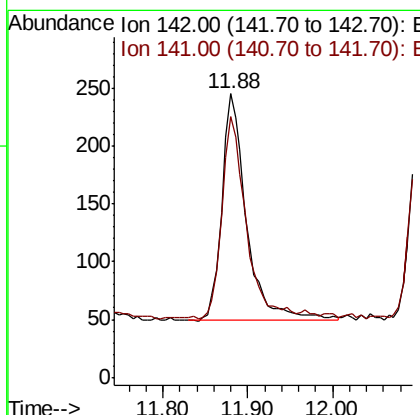
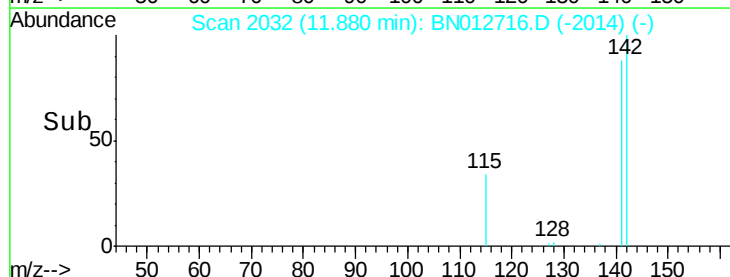
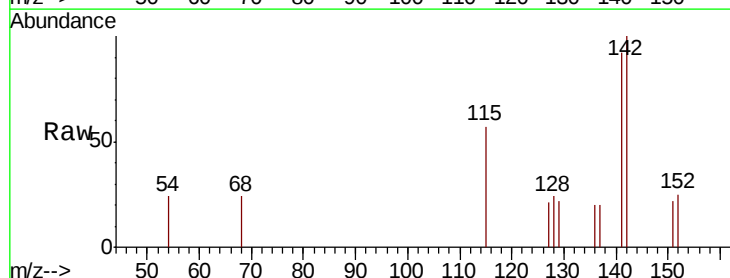
RT: 11.88 min Scan# 2032

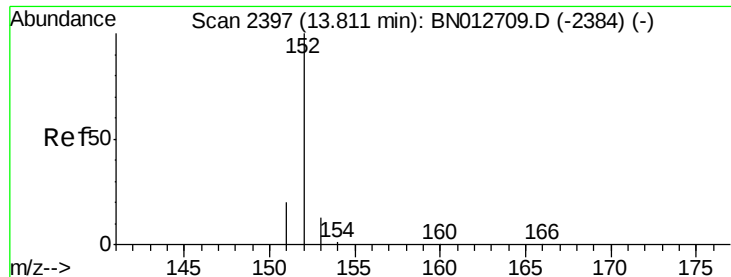
Delta R.T. 0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Tgt Ion:	142	Resp:	395
Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.3	108.5





#7

Acenaphthylene

Concen: 0.208 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Instrument :

BNA_N

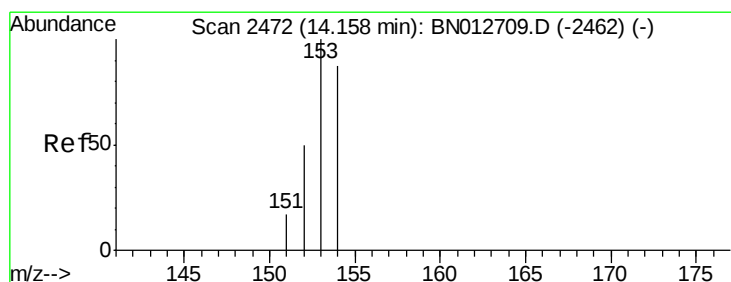
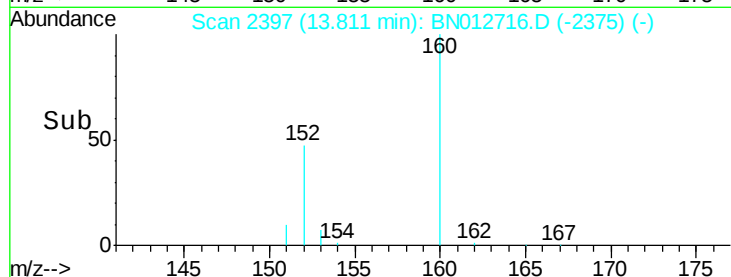
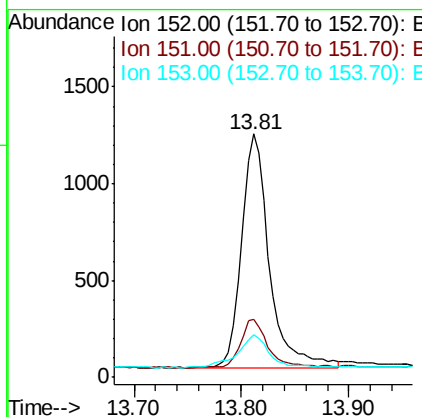
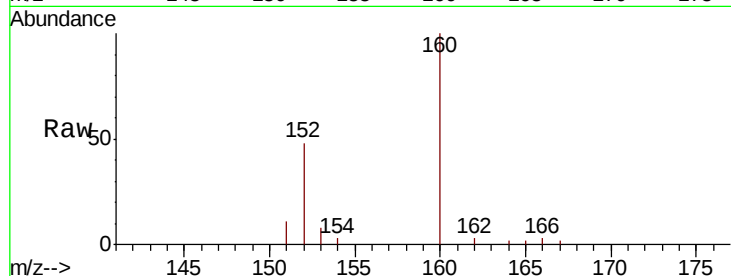
ClientSampleId :

C0B81

Tot Ion:	152	Resp:	2161
Ion Ratio	Lower	Upper	
152	100		
151	23.7	17.1	25.7
153	17.5	12.6	19.0

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#8

Acenaphthene

Concen: 0.161 ng/ul

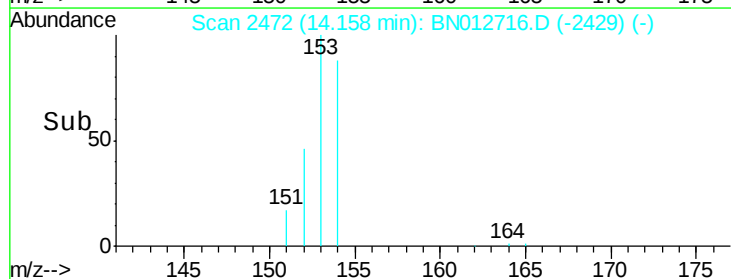
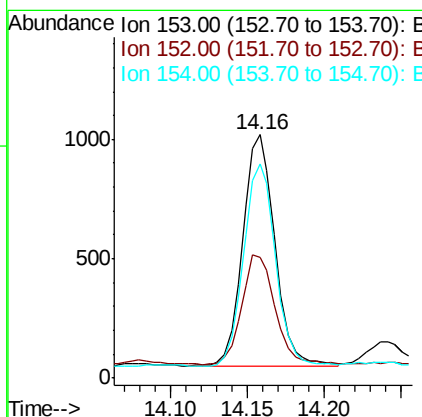
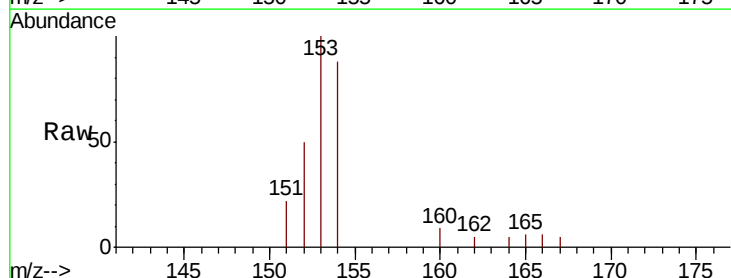
RT: 14.16 min Scan# 2472

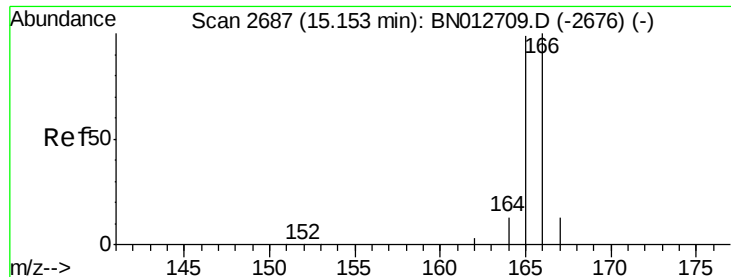
Delta R.T. 0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Tgt Ion:	153	Resp:	1406
Ion Ratio	Lower	Upper	
153	100		
152	49.5	41.4	62.0
154	88.0	70.9	106.3





#9

Fluorene

Concen: 0.173 ng/ul

RT: 15.15 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Instrument :

BNA_N

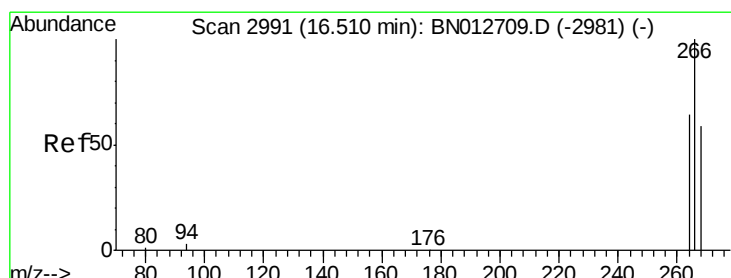
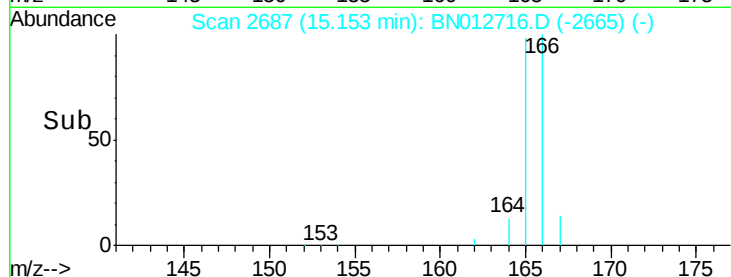
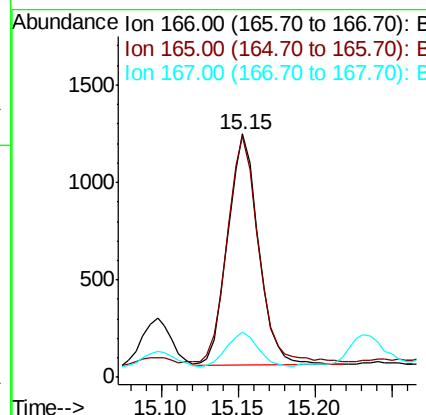
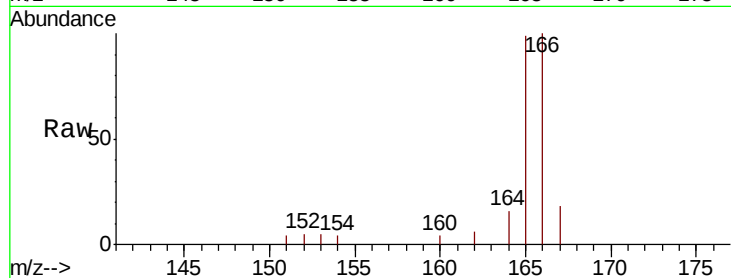
ClientSampleId :

C0B81

Tot Ion:	166	Resp:	1662
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	18.5	12.7	19.1

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#11

Pentachlorophenol

Concen: 0.047 ng/ul

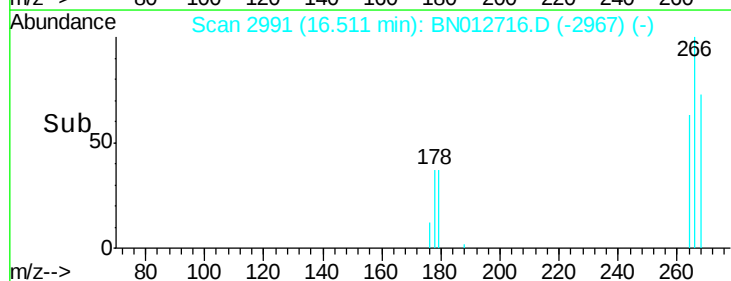
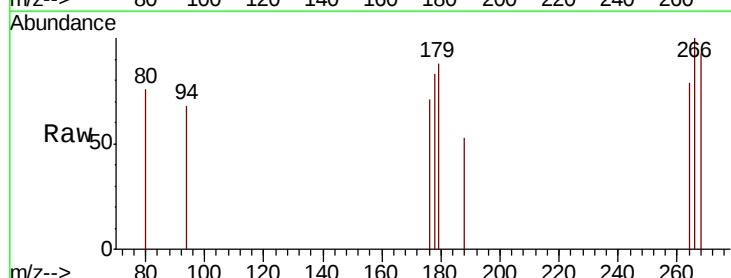
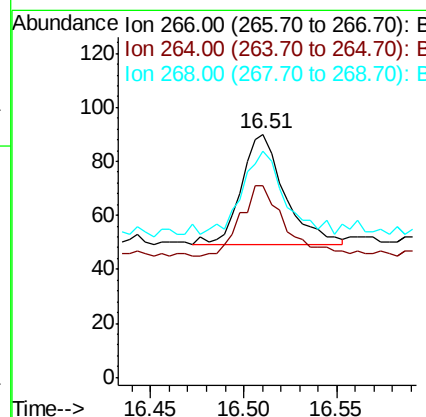
RT: 16.51 min Scan# 2991

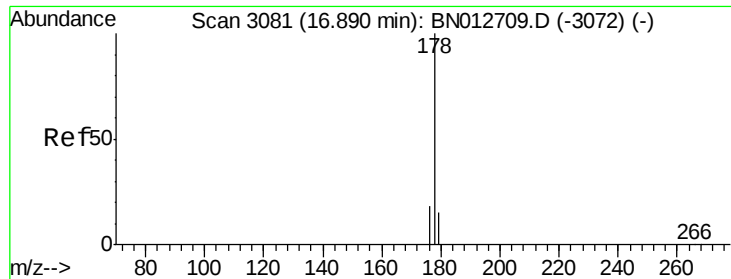
Delta R.T. 0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Tgt Ion:	266	Resp:	67
Ion	Ratio	Lower	Upper
266	100		
264	67.2	51.0	76.6
268	71.6	47.8	71.6#





#12

Phenanthrene

Concen: 3.680 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Instrument :

BNA_N

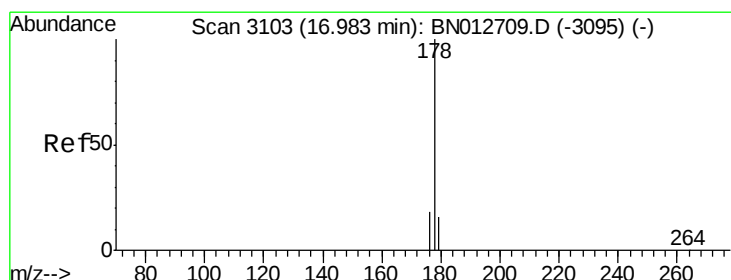
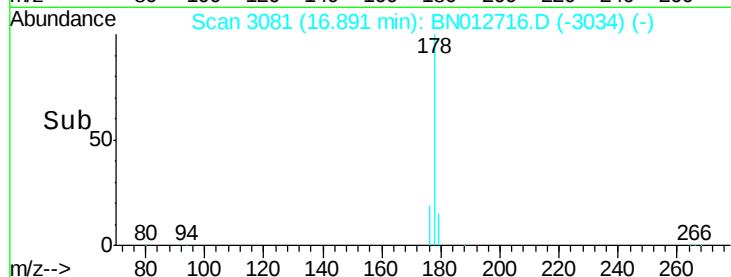
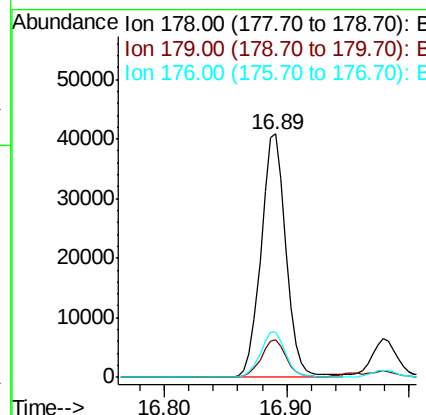
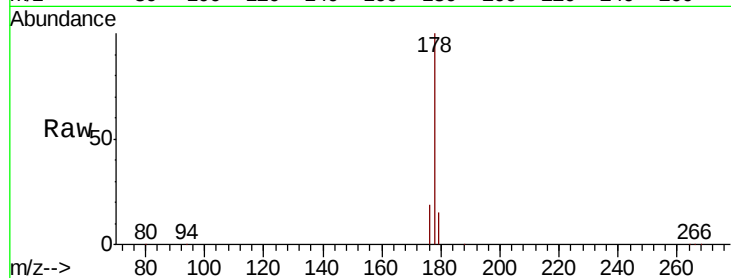
ClientSampled :

C0B81

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.8	20.6
176	18.8	16.7	25.1

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#13

Anthracene

Concen: 0.657 ng/ul

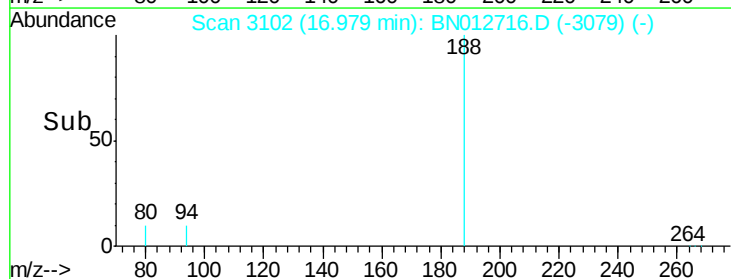
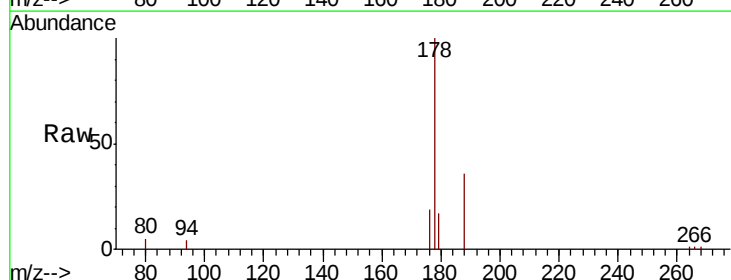
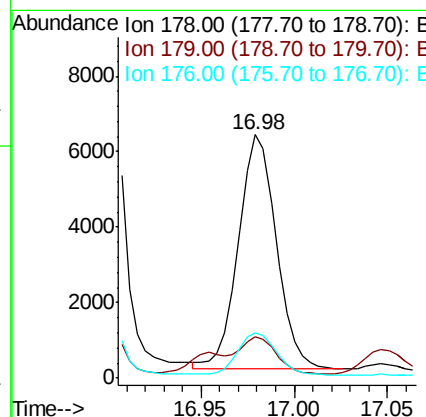
RT: 16.98 min Scan# 3102

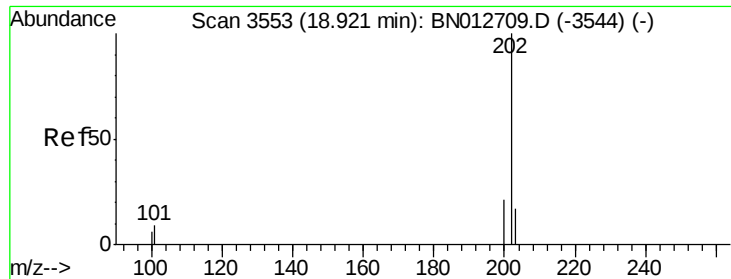
Delta R.T. -0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.8	22.2
176	18.6	16.3	24.5





#15

Fluoranthene

Concen: 8.074 ng/ul

RT: 18.92 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Instrument :

BNA_N

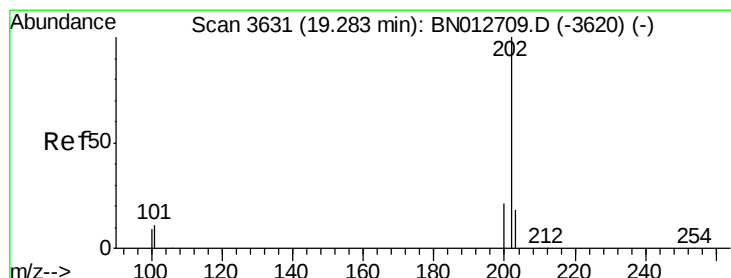
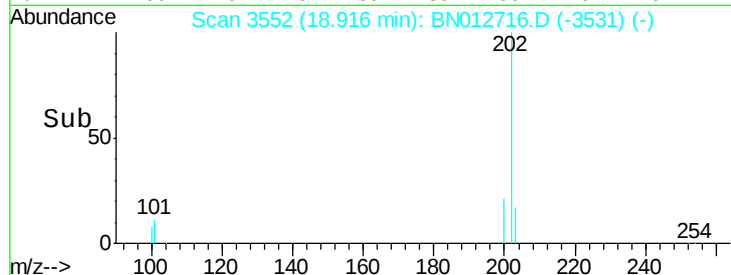
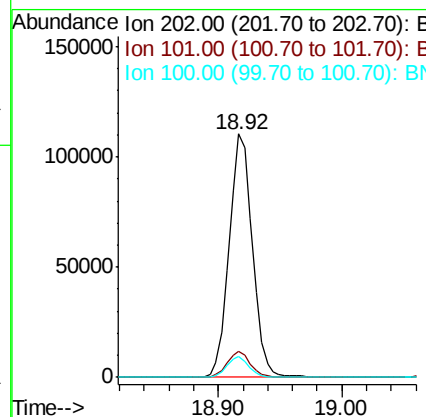
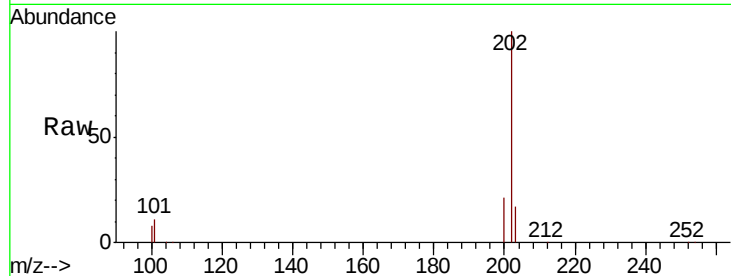
ClientSampleId :

C0B81

Tot Ion:	202	Resp:	144169
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.5
100	8.3	0.0	28.4

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#17

Pyrene

Concen: 7.005 ng/ul

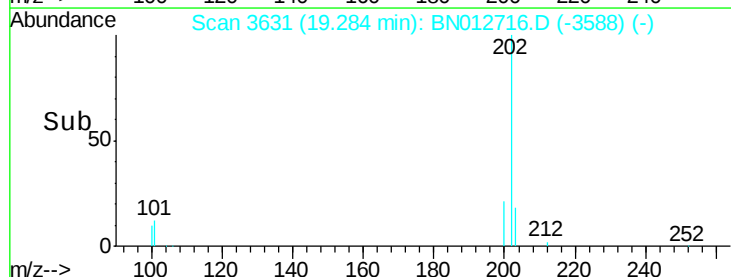
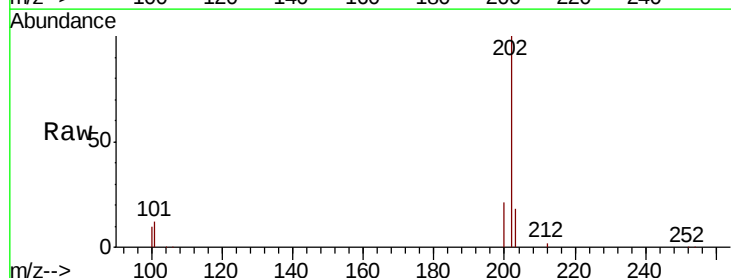
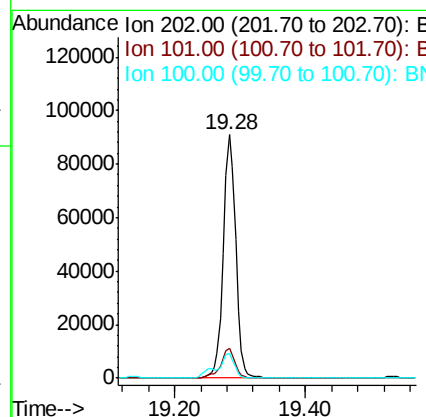
RT: 19.28 min Scan# 3631

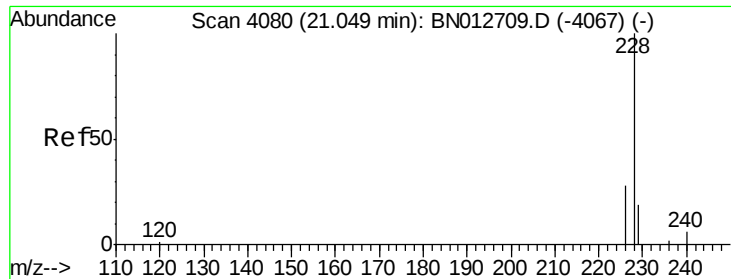
Delta R.T. 0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Tgt Ion:	202	Resp:	119261
Ion Ratio	Lower	Upper	
202	100		
101	12.0	8.9	13.3
100	10.0	7.4	11.2





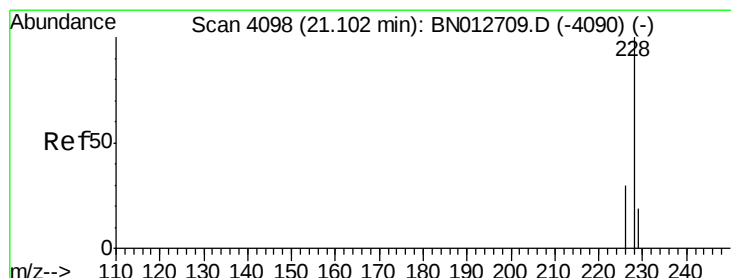
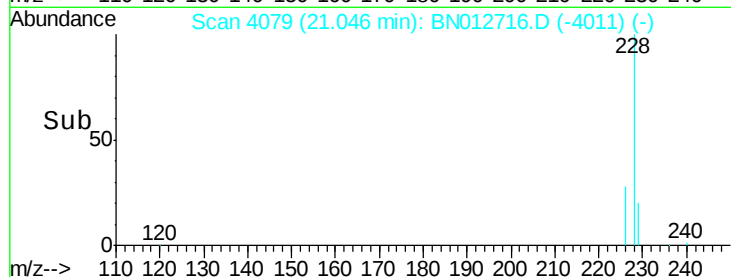
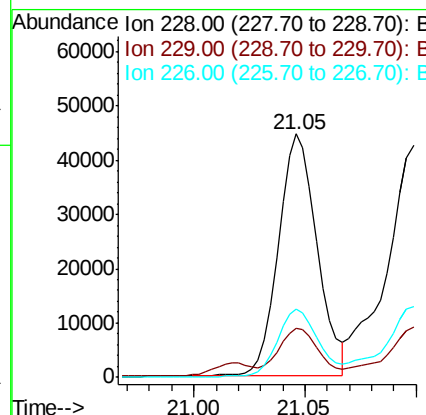
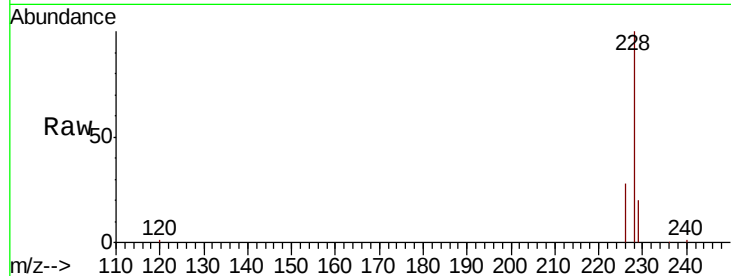
#18
Benzo(a)anthracene
Concen: 3.919 ng/ul
RT: 21.05 min Scan# 4079
Delta R.T. -0.00 min
Lab File: BN012716.D
Acq: 24 Nov 2020 14:52

Instrument :
BNA_N
ClientSampled :
C0B81

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.9	25.3
226	28.2	23.1	34.7

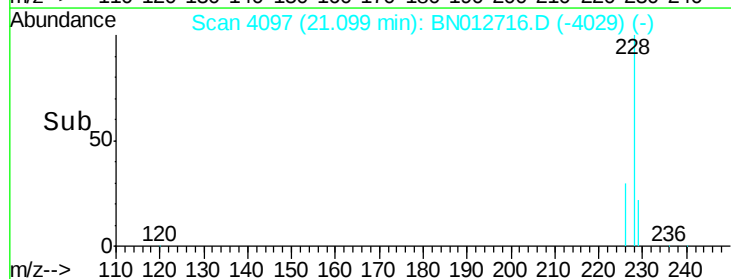
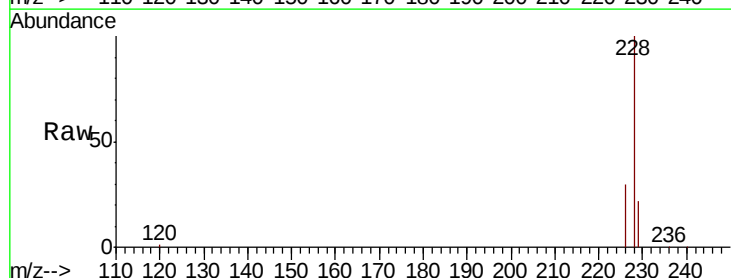
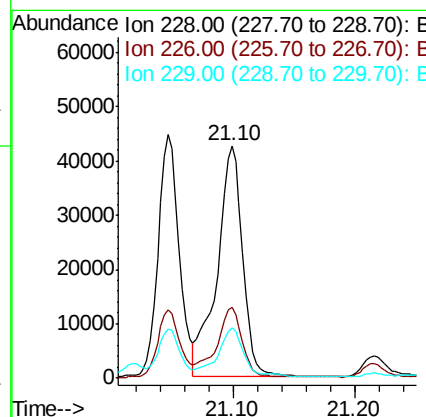
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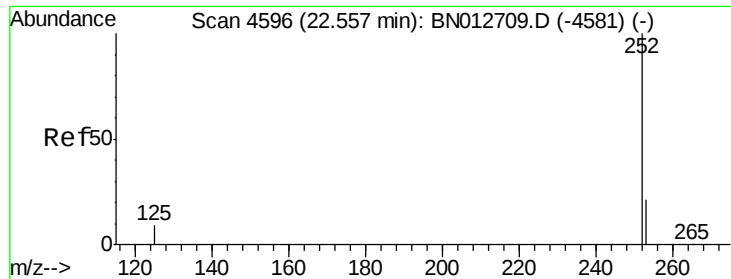
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#19
Chrysene
Concen: 3.648 ng/ul
RT: 21.10 min Scan# 4097
Delta R.T. -0.00 min
Lab File: BN012716.D
Acq: 24 Nov 2020 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	21.8	16.1	24.1





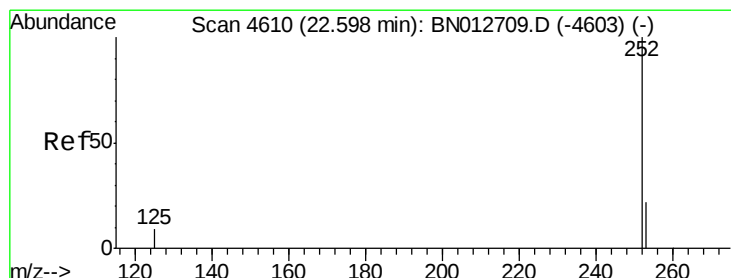
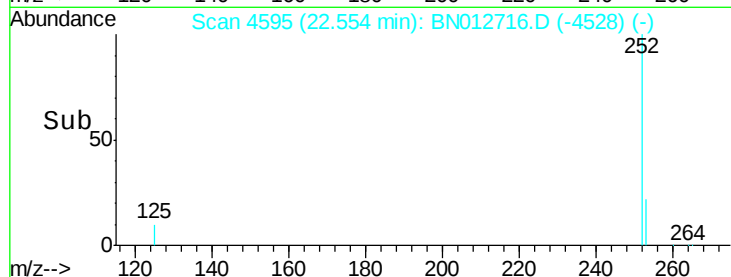
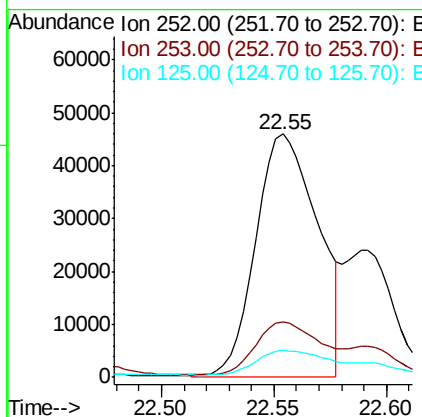
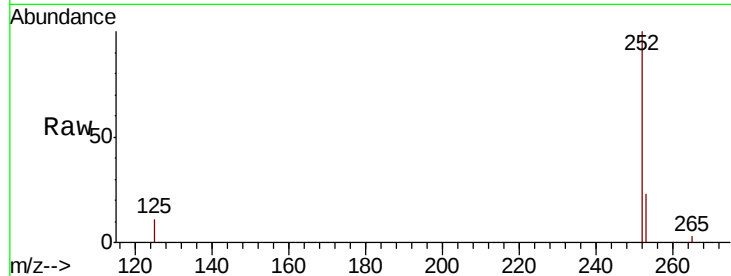
#21
Benzo(b)fluoranthene
Concen: 5.043 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BN012716.D
Acq: 24 Nov 2020 14:52

Instrument :
BNA_N
ClientSampleId :
C0B81

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	58.4
125	11.0	0.0	28.6

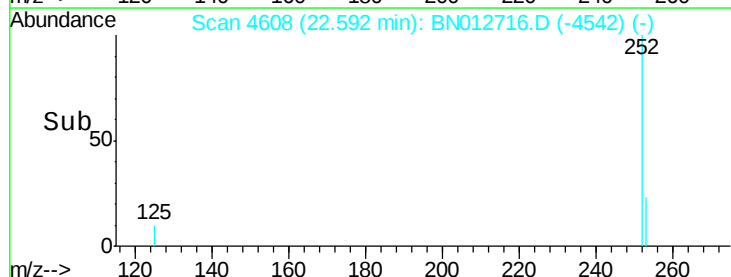
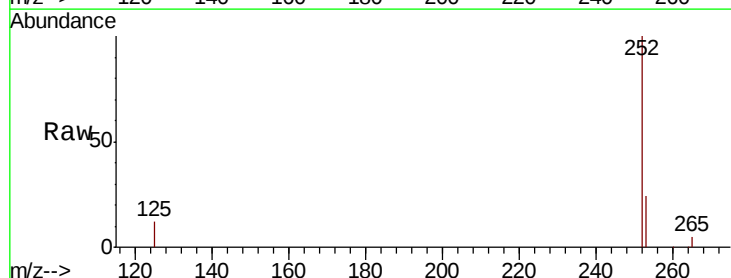
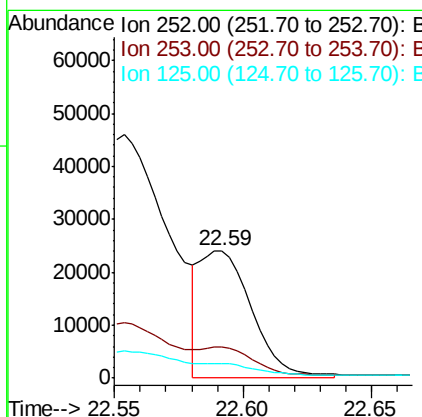
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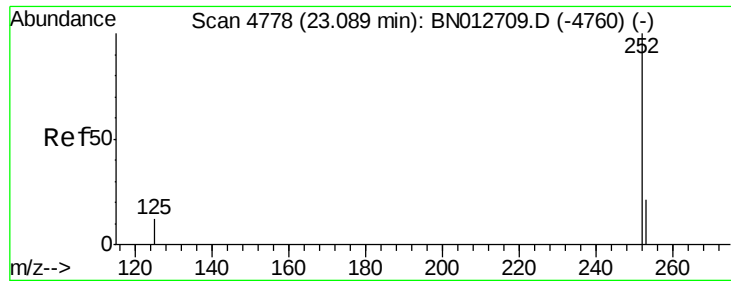
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#22
Benzo(k)fluoranthene
Concen: 1.692 ng/ul m
RT: 22.59 min Scan# 4608
Delta R.T. -0.01 min
Lab File: BN012716.D
Acq: 24 Nov 2020 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.4	35.2
125	11.7	10.2	15.2





#23

Benzo(a)pyrene

Concen: 3.569 ng/ul

RT: 23.09 min Scan# 4777

Delta R.T. -0.00 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Instrument :

BNA_N

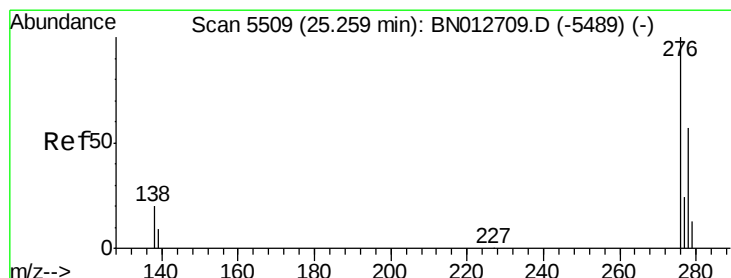
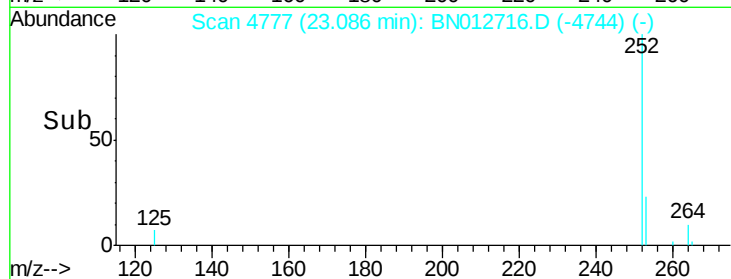
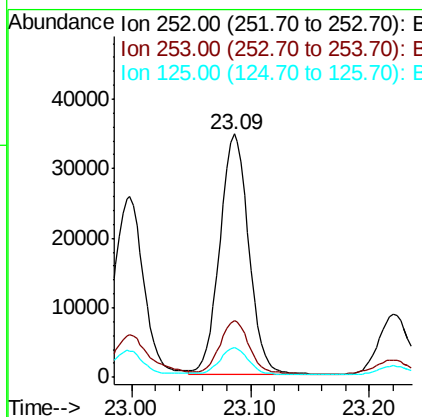
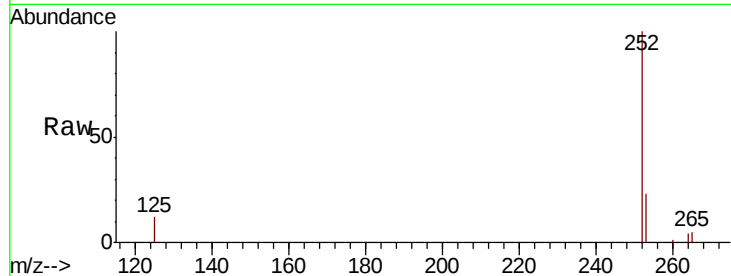
ClientSampleId :

C0B81

Tot Ion:	252	Resp:	58850
Ion Ratio	Lower	Upper	
252	100		
253	23.3	27.6	41.4#
125	12.1	17.0	25.4#

Manual Integrations
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11/25/2020 1:20:53 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.131 ng/ul

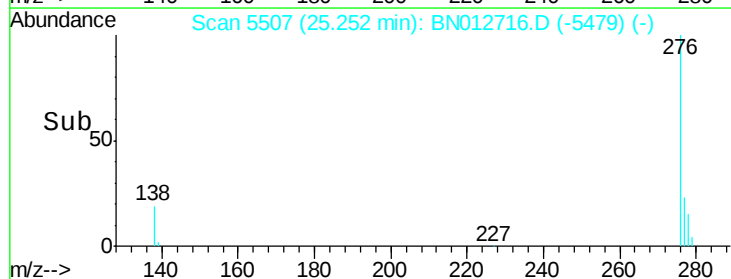
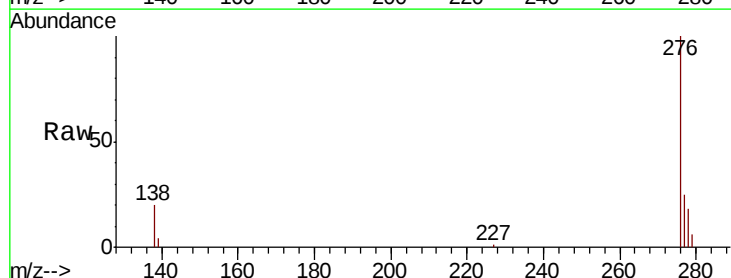
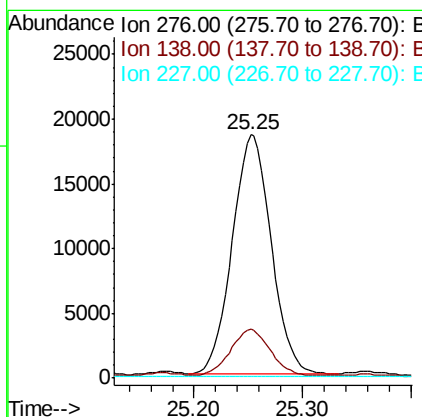
RT: 25.25 min Scan# 5507

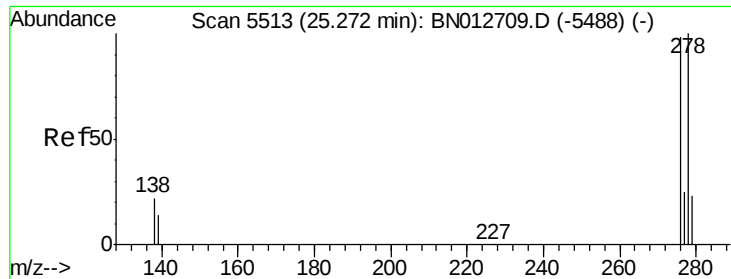
Delta R.T. -0.01 min

Lab File: BN012716.D

Acq: 24 Nov 2020 14:52

Tgt Ion:	276	Resp:	45946
Ion Ratio	Lower	Upper	
276	100		
138	19.7	16.5	24.7
227	0.1	0.1	0.1





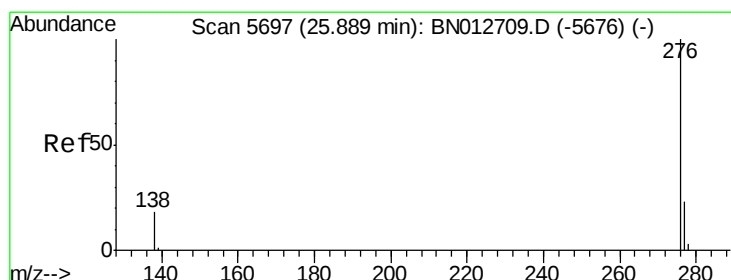
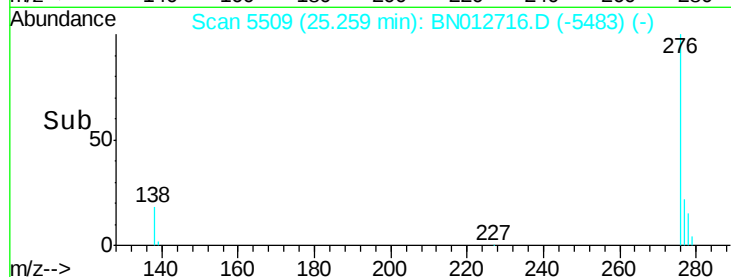
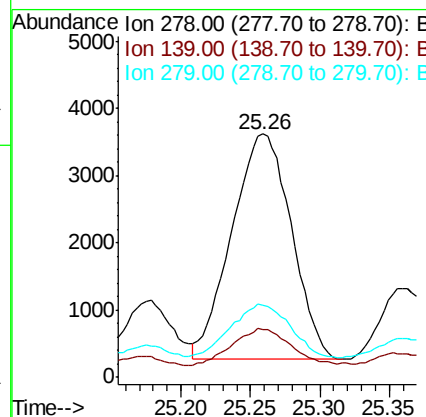
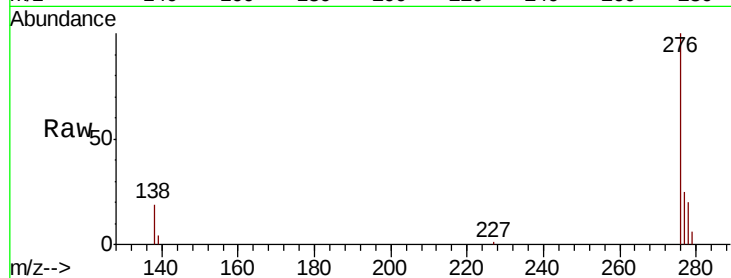
#25
Dibenzo(a,h)anthracene
Concen: 0.578 ng/u1
RT: 25.26 min Scan# 5509
Delta R.T. -0.01 min
Lab File: BN012716.D
Acq: 24 Nov 2020 14:52

Instrument :
BNA_N
ClientSampleId :
C0B81

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.8	20.8
279	29.6	25.6	38.4

Manual Integrations
APPROVED

mohammad
11/25/2020 1:20:53 PM



#26
Benzo(g,h,i)perylene
Concen: 2.190 ng/u1
RT: 25.89 min Scan# 5697
Delta R.T. 0.00 min
Lab File: BN012716.D
Acq: 24 Nov 2020 14:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.3	24.5
277	24.2	21.8	32.8

