

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012665.D
 Acq On : 20 Nov 2020 18:51
 Operator : CG/JU
 Sample : L4710-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B40

Manual Integrations
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 11/24/2020 8:56:02 AM

Quant Time: Nov 21 00:24:38 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 : Sat Nov 21 00:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	653	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	2493	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	1430	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	2945m	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	3540	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3098	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	737	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1910	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.26	128	416	0.055	ng/ul#	69
5) 2-Methylnaphthalene	11.89	142	174	0.036	ng/ul	95
7) Acenaphthylene	13.82	152	1035	0.148	ng/ul#	89
8) Acenaphthene	14.16	153	2247	0.382	ng/ul	97
9) Fluorene	15.16	166	2783	0.431	ng/ul	100
12) Phenanthrene	16.89	178	105736	10.318	ng/ul	96
13) Anthracene	16.98	178	14166	1.590	ng/ul	97
15) Fluoranthene	18.92	202	323061	27.307	ng/ul	97
17) Pyrene	19.29	202	268340	16.946	ng/ul	99
18) Benzo(a)anthracene	21.05	228	130853	10.315	ng/ul	98
19) Chrysene	21.10	228	158695	10.015	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	238176m	16.712	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	81370m	4.951	ng/ul	
23) Benzo(a)pyrene	23.09	252	151729	11.312	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.26	276	120404	6.865	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.27	278	26109	1.853	ng/ul	93
26) Benzo(a,h,i)perylene	25.90	276	113598	7.196	ng/ul	96

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

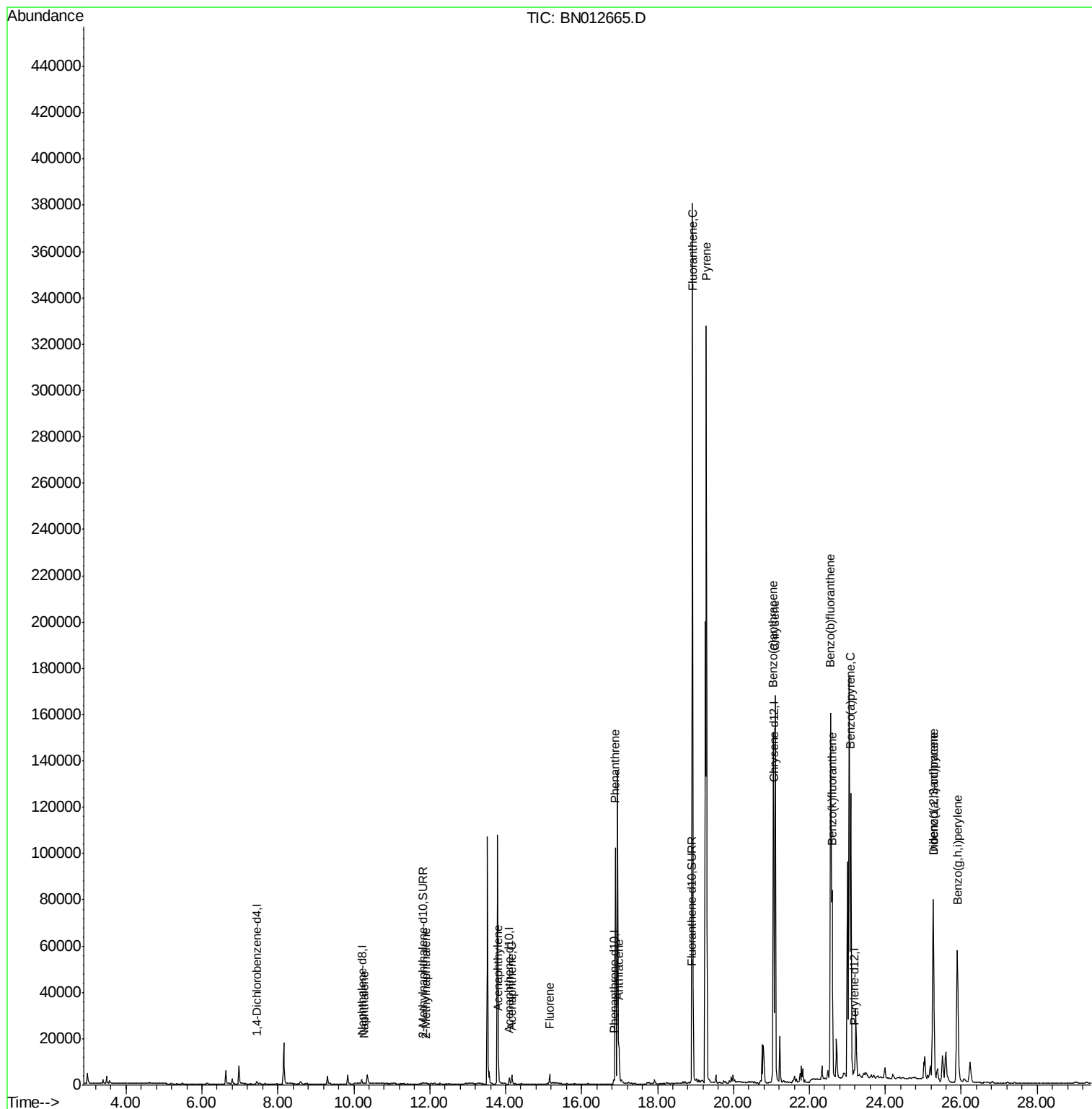
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012665.D
Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

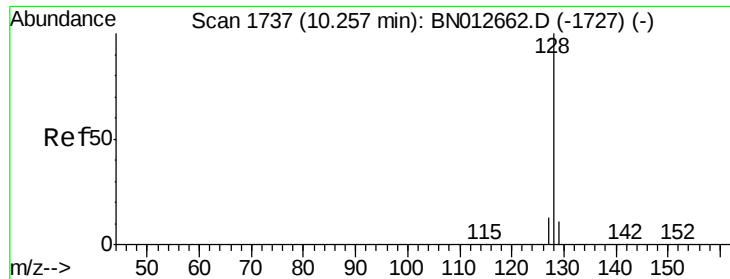
Instrument :
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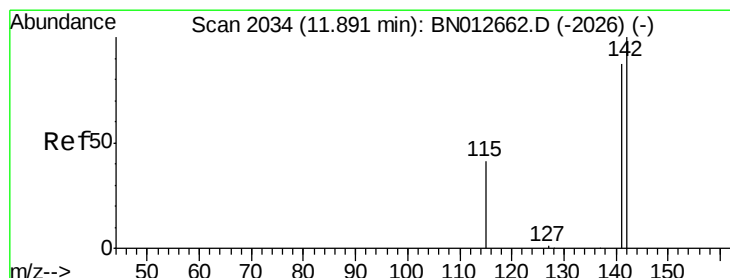
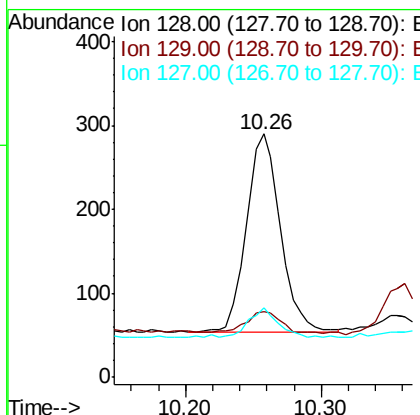
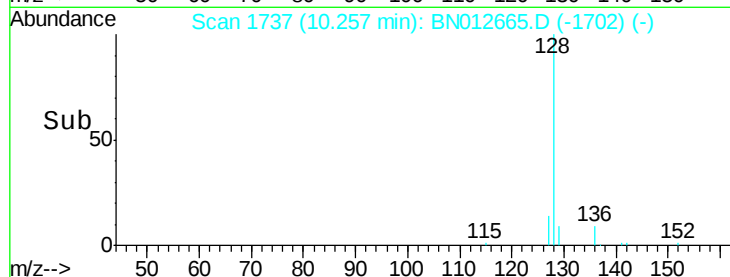
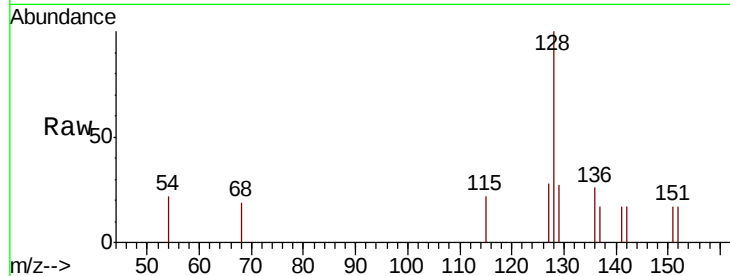
#3
Naphthalene
Concen: 0.055 ng/ul
RT: 10.26 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BN012665.D
Acq: 20 Nov 2020 18:51

Instrument :
BNA_N
ClientSampleId :
C0B40

Tot Ion	Ratio	Lower	Upper
128	100		
129	26.9	11.2	16.8#
127	28.3	12.5	18.7#

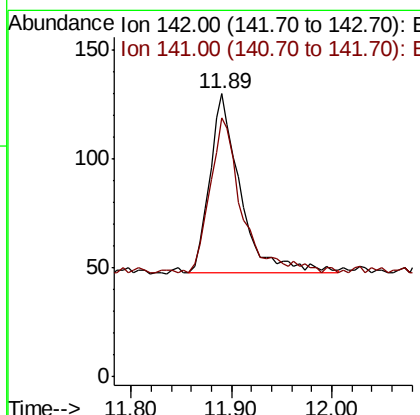
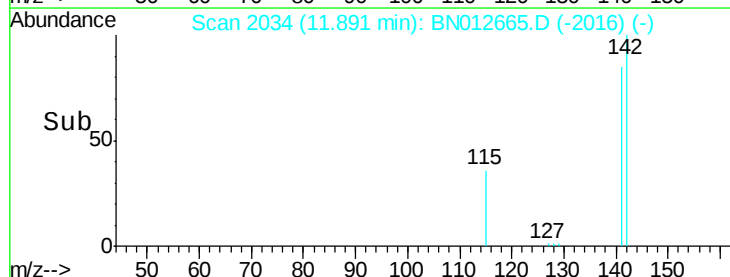
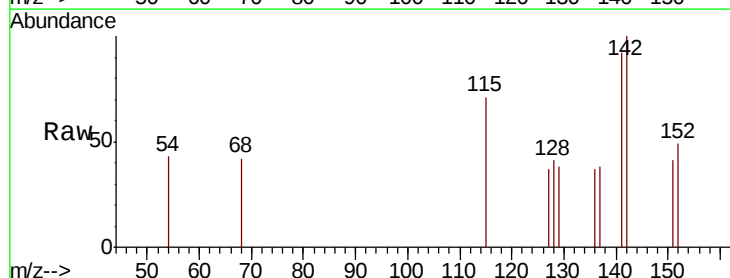
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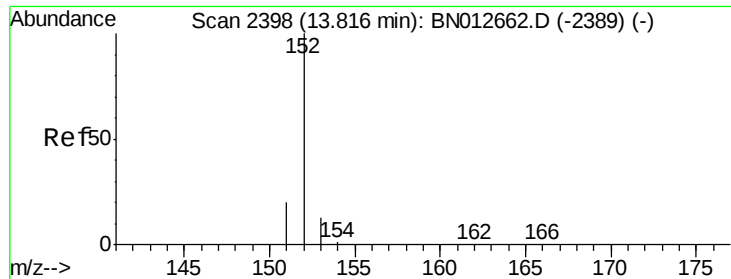
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#5
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 11.89 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BN012665.D
Acq: 20 Nov 2020 18:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.6	72.3	108.5





#7

Acenaphthylene

Concen: 0.148 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

Instrument :

BNA_N

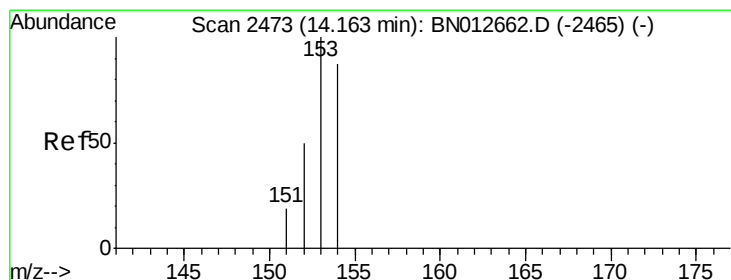
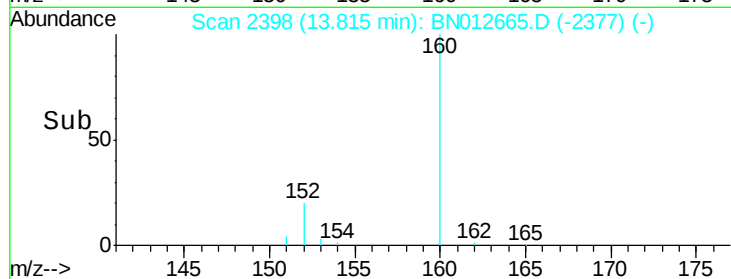
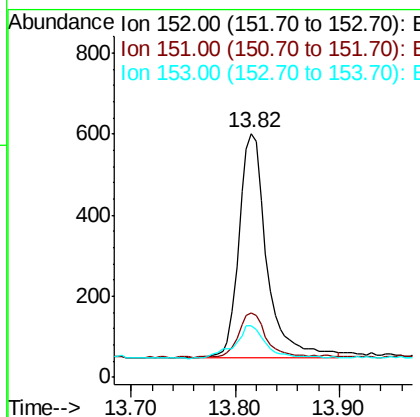
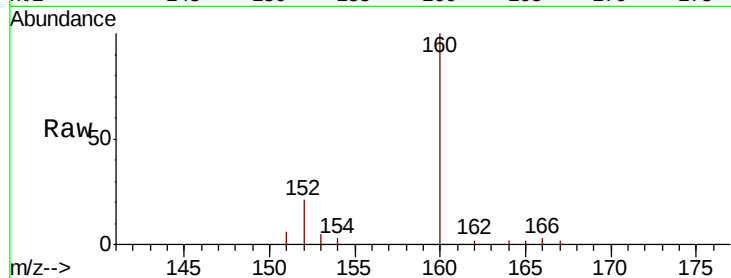
ClientSampleId :

C0B40

Tot Ion:	152	Resp:	1035
Ion Ratio	Lower	Upper	
152	100		
151	26.3	17.1	25.7#
153	21.3	12.6	19.0#

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#8

Acenaphthene

Concen: 0.382 ng/ul

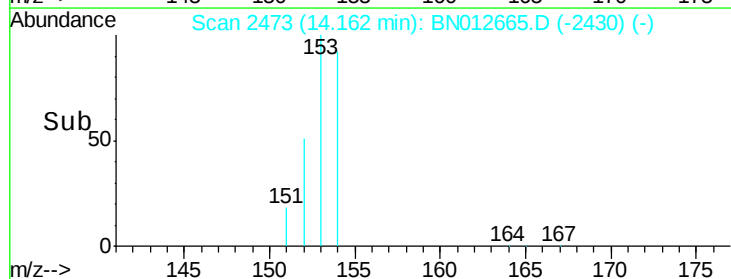
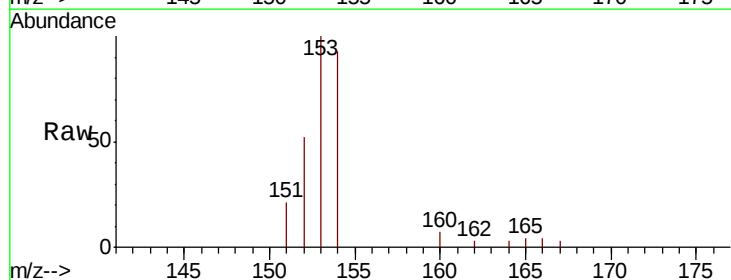
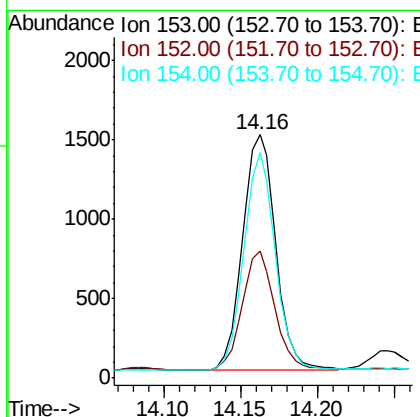
RT: 14.16 min Scan# 2473

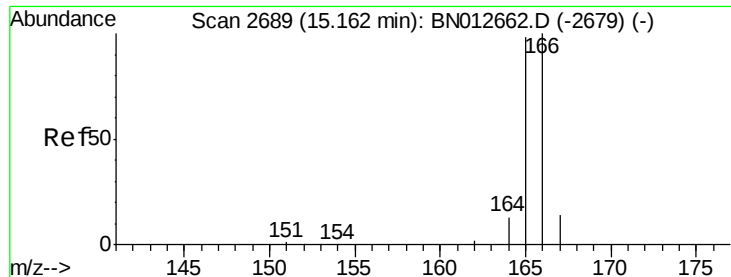
Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

Tgt Ion:	153	Resp:	2247
Ion Ratio	Lower	Upper	
153	100		
152	52.4	41.4	62.0
154	92.8	70.9	106.3





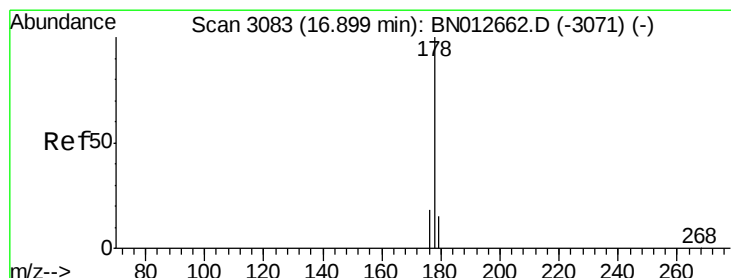
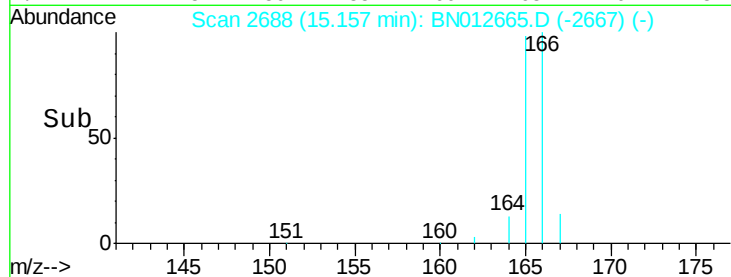
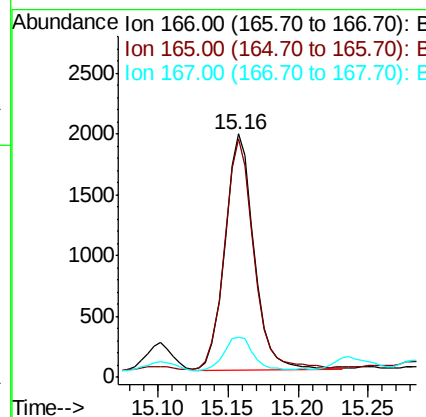
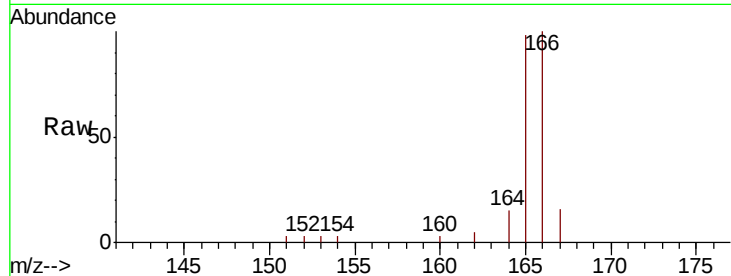
#9
Fluorene
Concen: 0.431 ng/ul
RT: 15.16 min Scan# 2688
Delta R.T. -0.00 min
Lab File: BN012665.D
Acq: 20 Nov 2020 18:51

Instrument :
BNA_N
ClientSampled :
C0B40

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.5	117.7
167	16.3	12.7	19.1

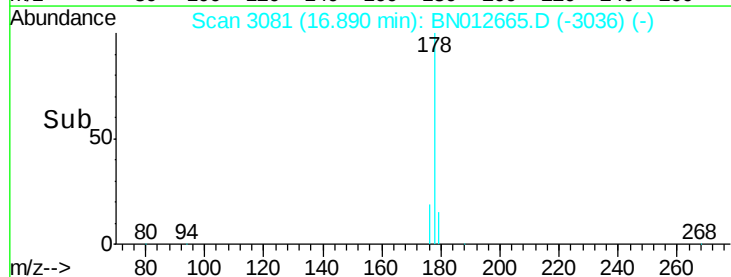
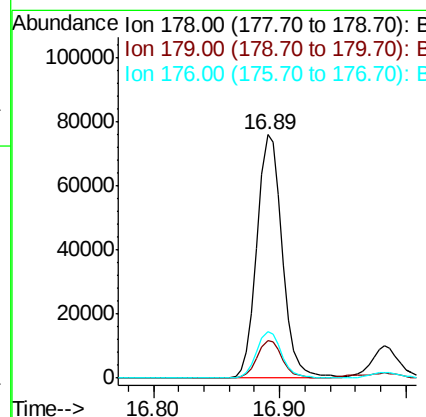
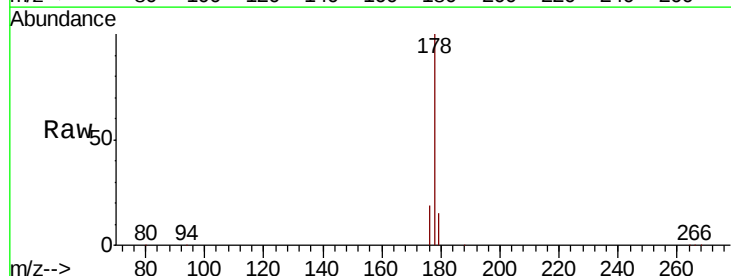
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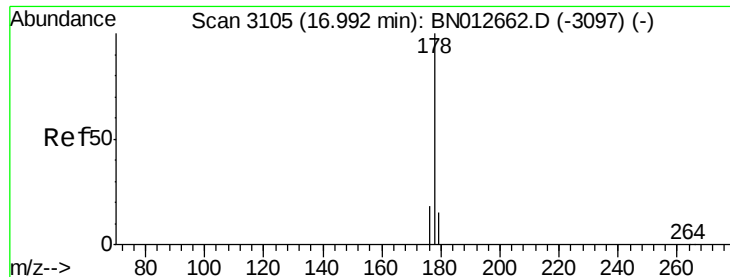
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#12
Phenanthrene
Concen: 10.318 ng/ul
RT: 16.89 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BN012665.D
Acq: 20 Nov 2020 18:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.8	20.6
176	18.9	16.7	25.1





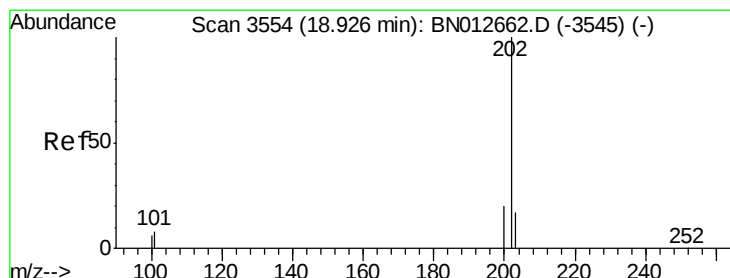
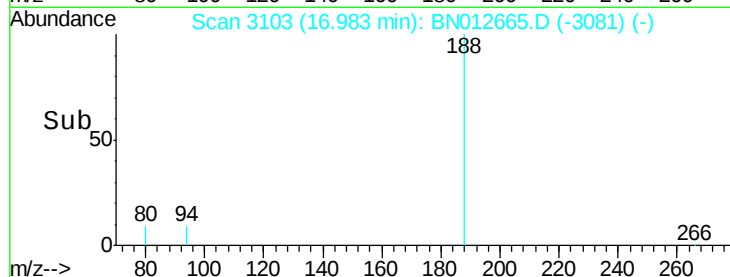
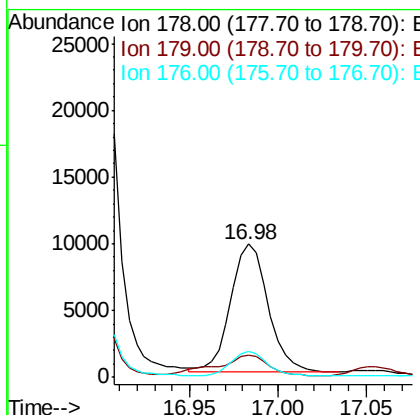
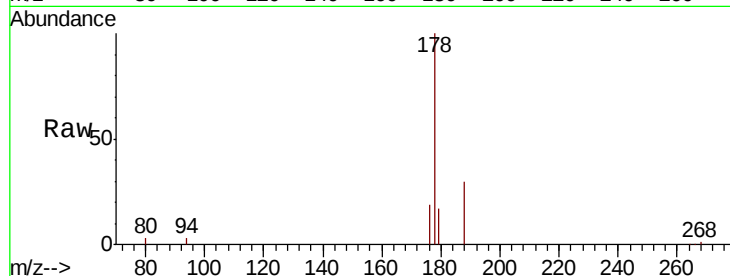
#13
 Anthracene
 Concen: 1.590 ng/ul
 RT: 16.98 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BN012665.D
 Acq: 20 Nov 2020 18:51

Instrument :
 BNA_N
 ClientSampleId :
 C0B40

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	14.8	22.2
176	19.1	16.3	24.5

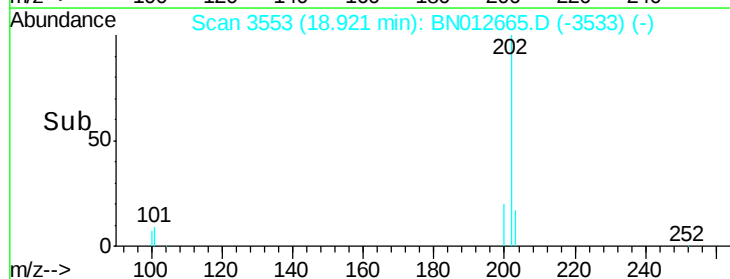
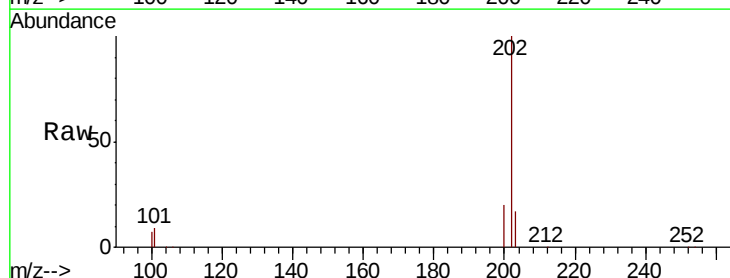
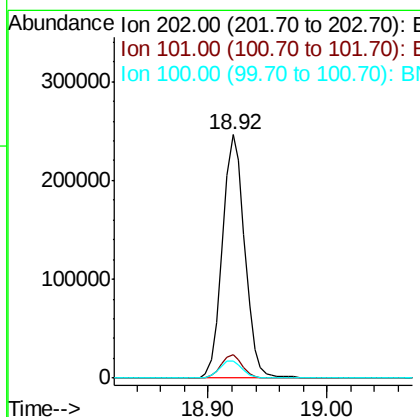
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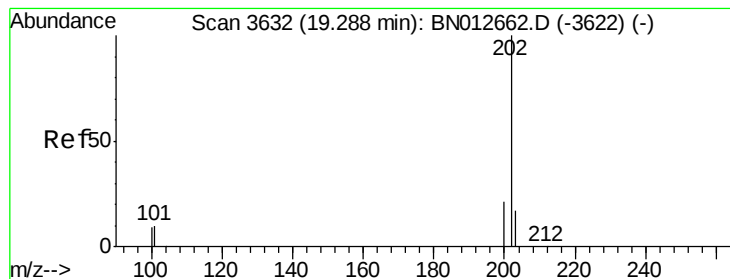
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#15
 Fluoranthene
 Concen: 27.307 ng/ul
 RT: 18.92 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BN012665.D
 Acq: 20 Nov 2020 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.5
100	7.3	0.0	28.4





#17

Pvrene

Concen: 16.946 ng/ul

RT: 19.29 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

Instrument :

BNA_N

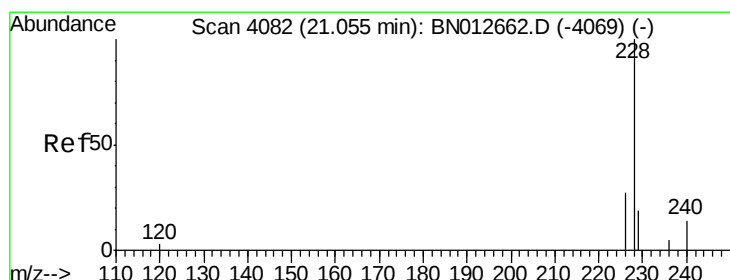
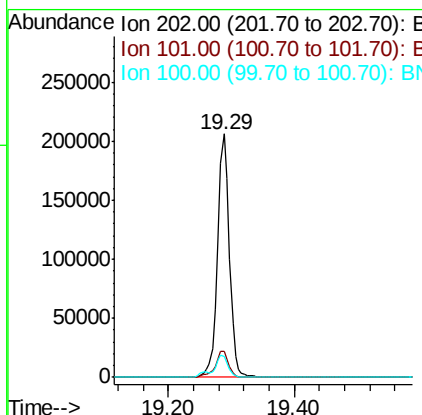
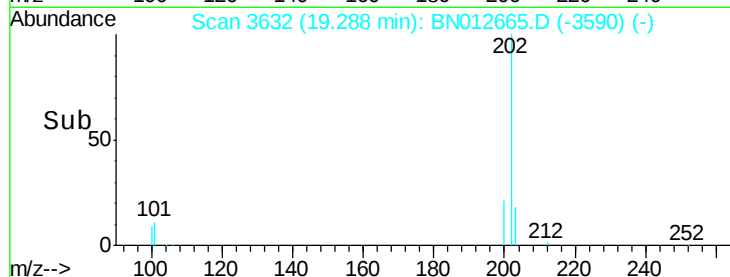
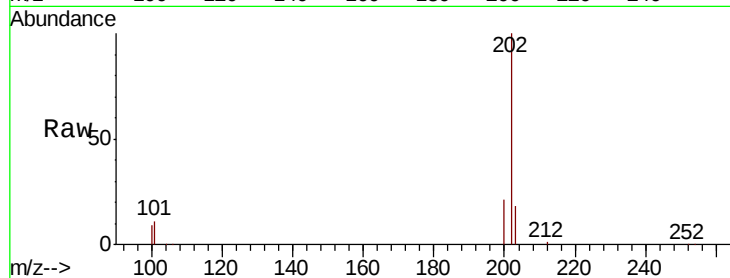
ClientSampled :

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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	8.9	13.3
100	8.7	7.4	11.2

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#18

Benzo(a)anthracene

Concen: 10.315 ng/ul

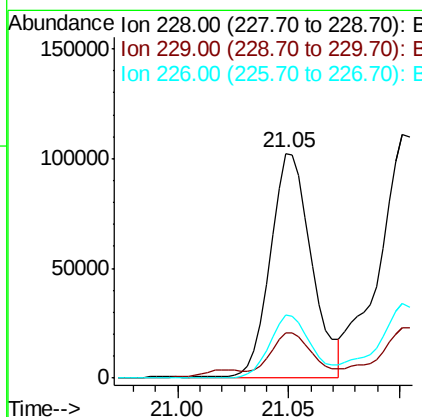
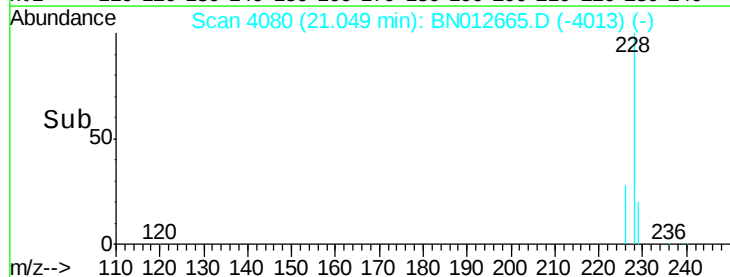
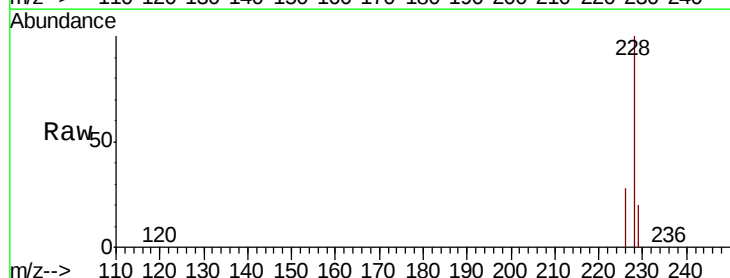
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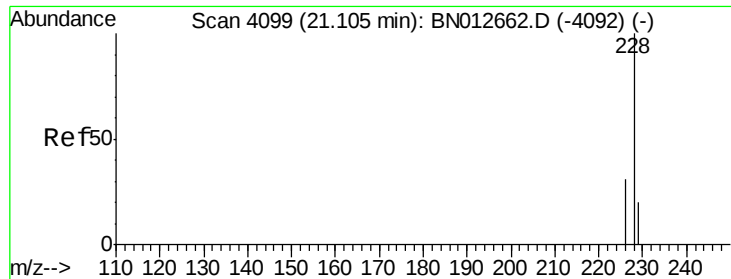
Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.2	16.9	25.3
226	28.0	23.1	34.7





#19

Chrysene

Concen: 10.015 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

Instrument :

BNA_N

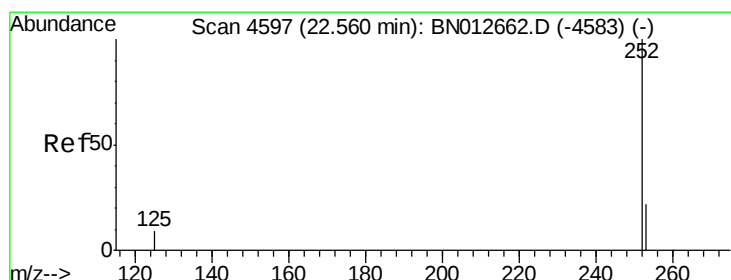
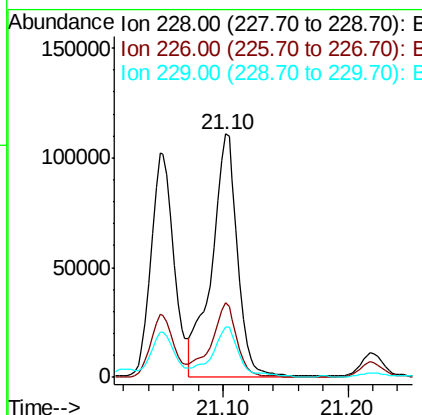
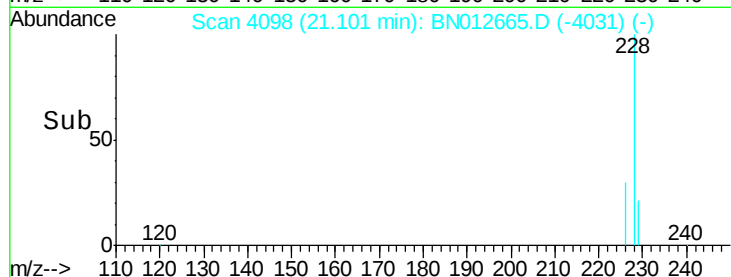
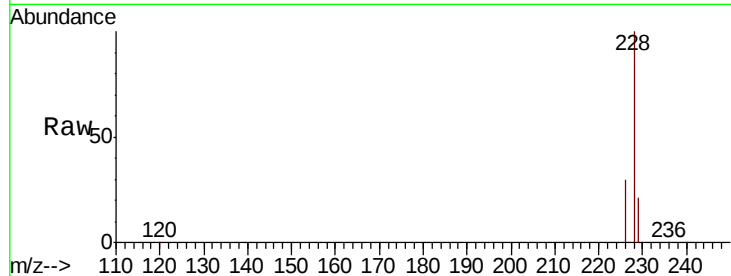
ClientSampled :

C0B40

Tot Ion:	228	Resp:	158695
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.4	36.6
229	20.9	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 16.712 ng/ul m

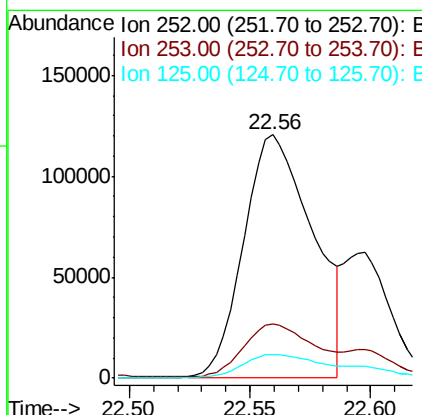
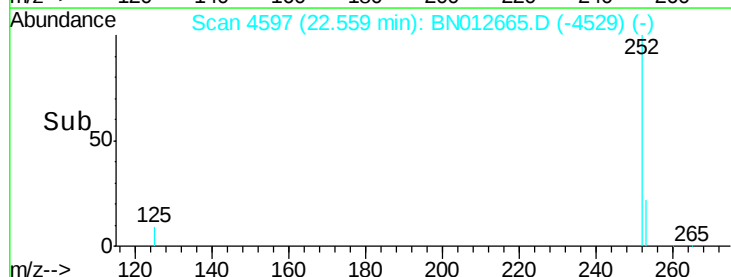
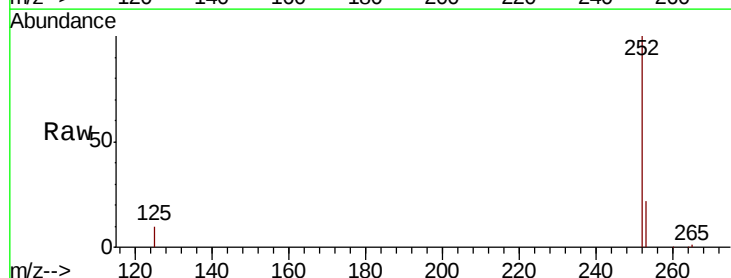
RT: 22.56 min Scan# 4597

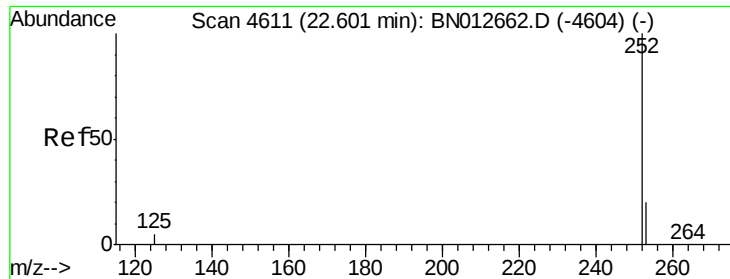
Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

Tgt Ion:	252	Resp:	238176
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	58.4
125	9.7	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 4.951 ng/ul

RT: 22.60 min Scan# 4610

Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

Instrument :

BNA_N

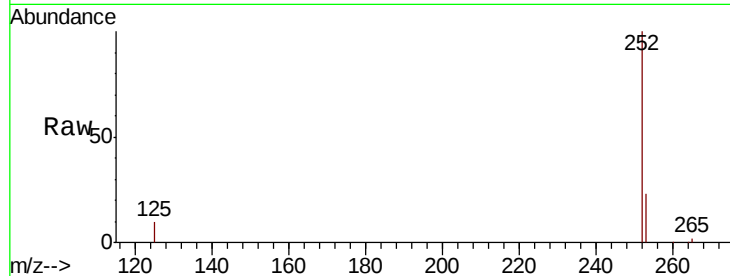
ClientSampleId :

C0B40

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	23.4	35.2#
125	9.6	10.2	15.2#

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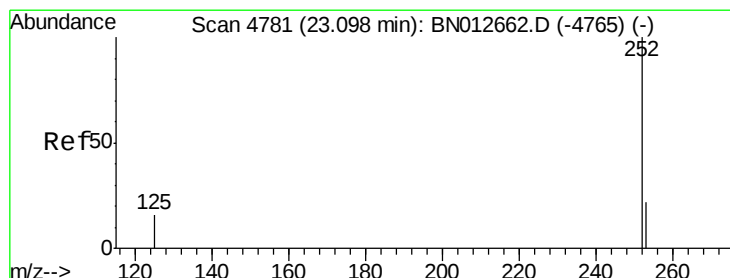
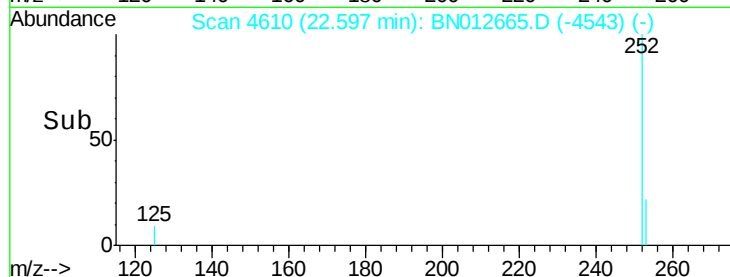
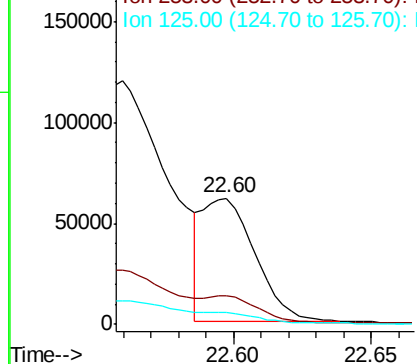


Abundance

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



#23

Benzo(a)pyrene

Concen: 11.312 ng/ul

RT: 23.09 min Scan# 4779

Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

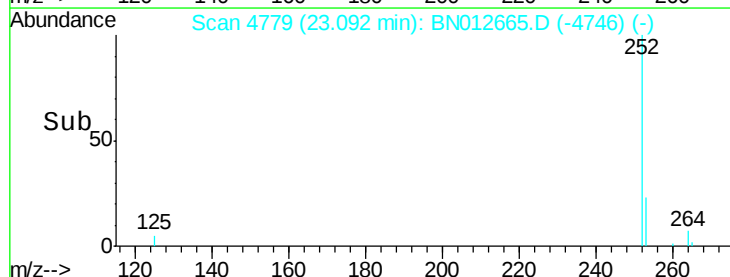
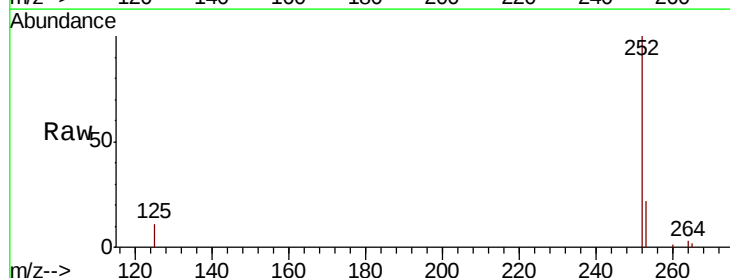
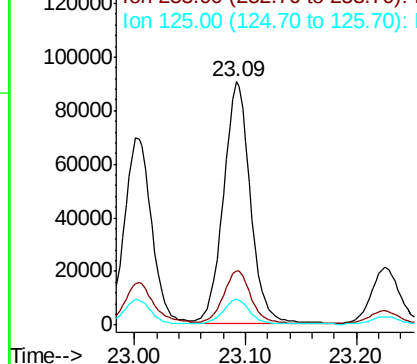
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	27.6	41.4#
125	10.6	17.0	25.4#

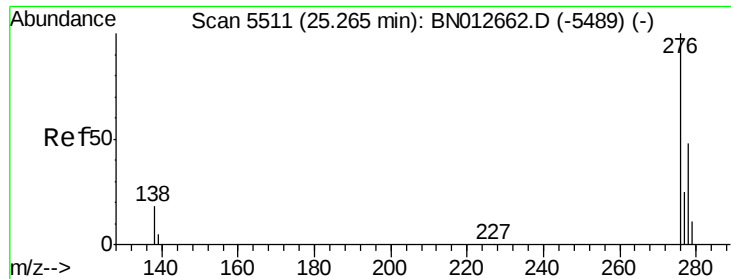
Abundance

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





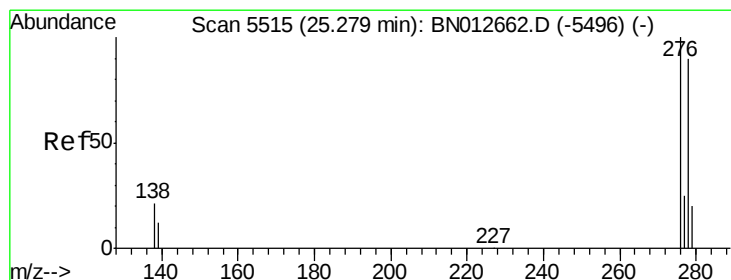
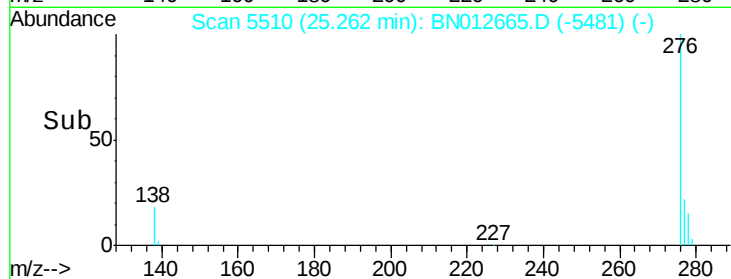
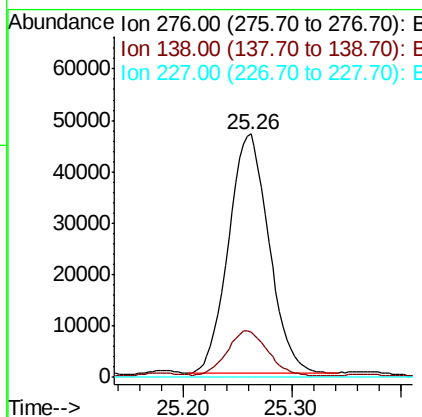
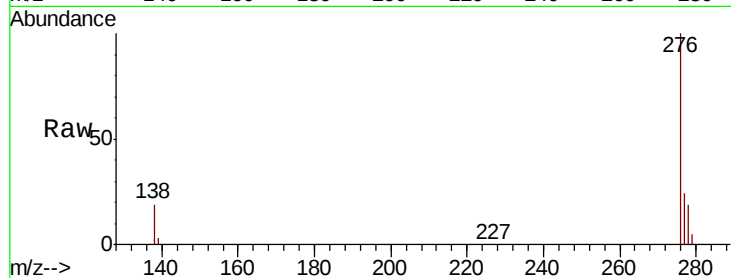
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.865 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.00 min
Lab File: BN012665.D
Acq: 20 Nov 2020 18:51

Instrument :
BNA_N
ClientSampleId :
C0B40

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.5	24.7
227	0.2	0.1	0.1#

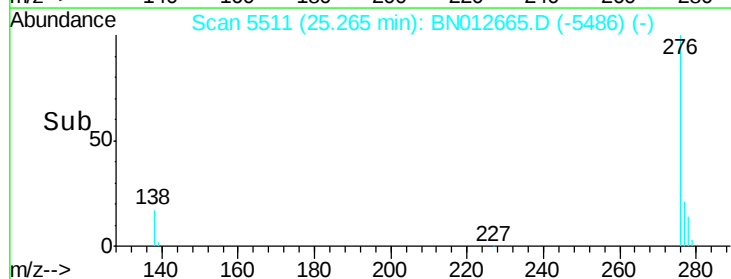
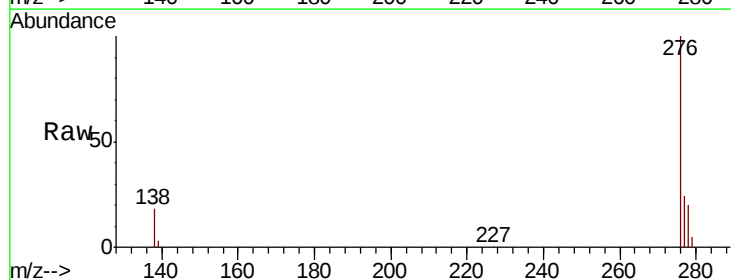
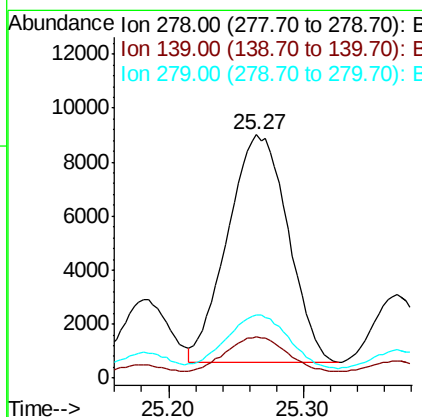
Manual Integrations
APPROVED

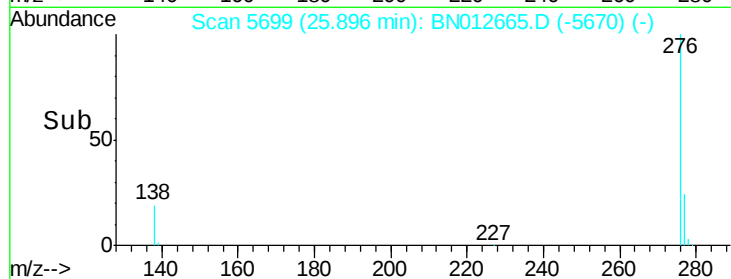
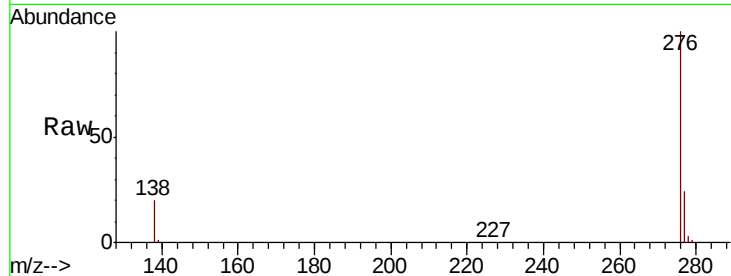
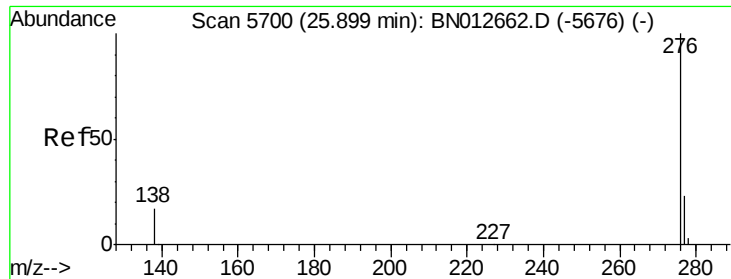
mohammad
11/24/2020 8:56:02 AM



#25
Dibenzo(a,h)anthracene
Concen: 1.853 ng/ul
RT: 25.27 min Scan# 5511
Delta R.T. -0.02 min
Lab File: BN012665.D
Acq: 20 Nov 2020 18:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.8
279	26.0	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 7.196 ng/ul

RT: 25.90 min Scan# 5699

Delta R.T. -0.00 min

Lab File: BN012665.D

Acq: 20 Nov 2020 18:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	19.6	16.3	24.5		
277	23.9	21.8	32.8		

Instrument :

BNA_N

ClientSampleId :

C0B40

Manual Integrations
APPROVED

mohammad
11/24/2020 8:56:02 AM

