

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012971.D
 Acq On : 08 Dec 2020 11:33
 Operator : CG/JU
 Sample : L4862-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B56

Manual Integrations
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mohammad
 12/9/2020 12:24:38 PM

Quant Time: Dec 08 12:11:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	996	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4111	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2299	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4777	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3980	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3526	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1437	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	3282	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	244	0.021	ng/ul#	56
7) Acenaphthylene	13.76	152	1967	0.181	ng/ul	100
8) Acenaphthene	14.11	153	705	0.079	ng/ul	96
9) Fluorene	15.11	166	866	0.085	ng/ul#	98
11) Pentachlorophenol	16.48	266	29	0.021	ng/ul#	78
12) Phenanthrene	16.85	178	27319	1.706	ng/ul	97
13) Anthracene	16.94	178	6335	0.465	ng/ul	97
15) Fluoranthene	18.88	202	87087	4.576	ng/ul	96
17) Pyrene	19.25	202	69168	3.679	ng/ul	99
18) Benzo(a)anthracene	21.02	228	32884	1.997	ng/ul	99
19) Chrysene	21.07	228	33458	1.839	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	42312m	2.594	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	15840m	0.879	ng/ul	
23) Benzo(a)pyrene	23.04	252	25052	1.655	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.19	276	16023	0.806	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	4003	0.255	ng/ul#	94
26) Benzo(a,h,i)perylene	25.82	276	13464	0.749	ng/ul	97

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

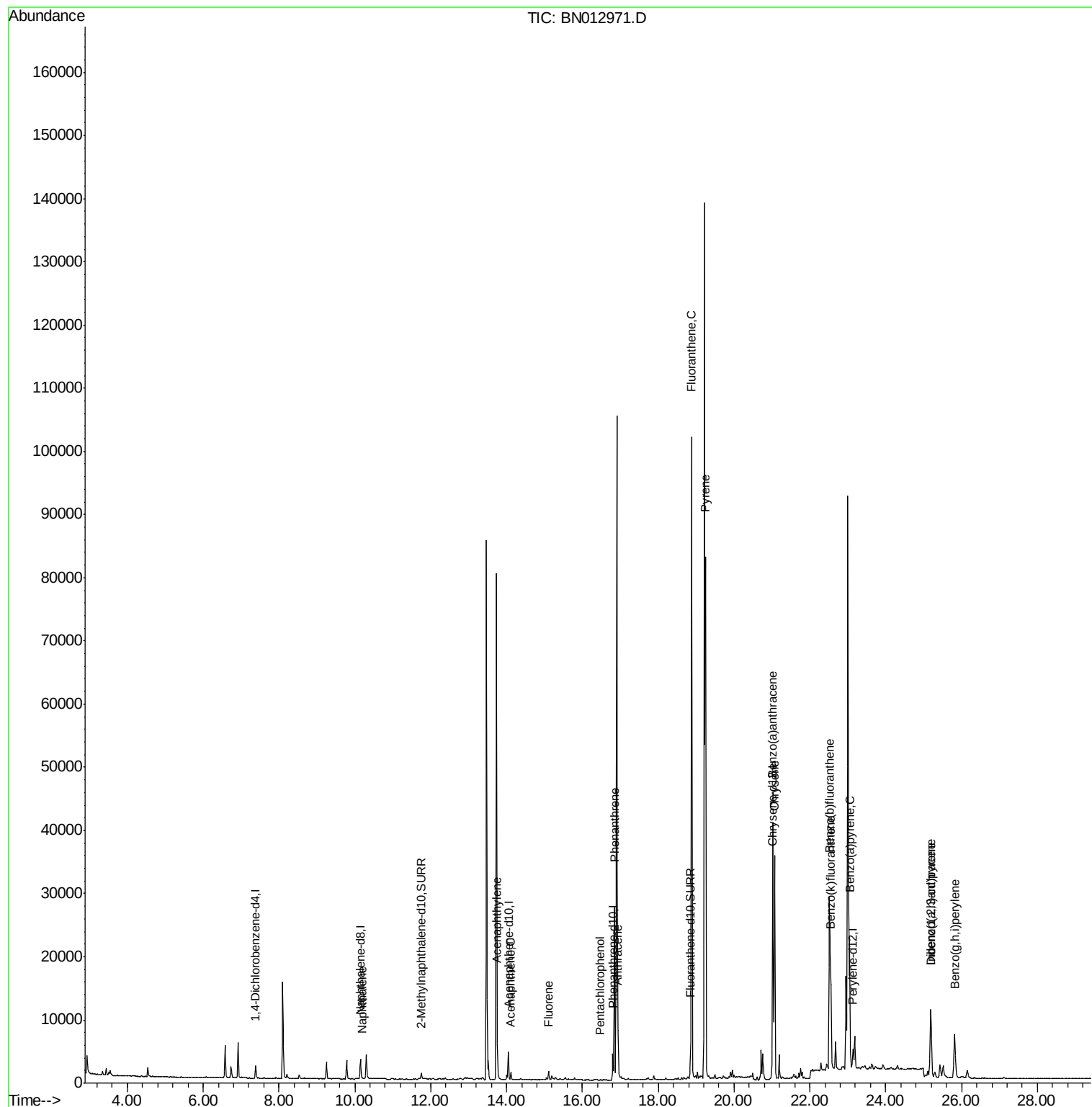
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012971.D
Acq On : 08 Dec 2020 11:33
Operator : CG/JU
Sample : L4862-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

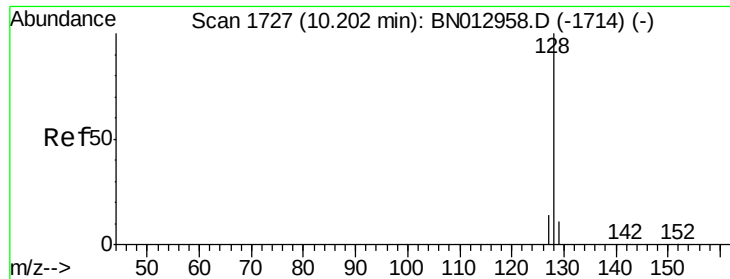
Instrument :
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C0B56

Manual Integrations
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Quant Time: Dec 08 12:11:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

Instrument :

BNA_N

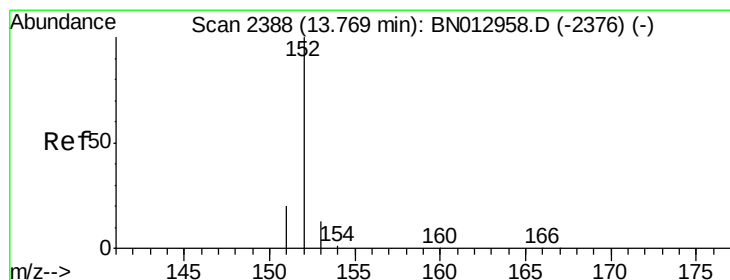
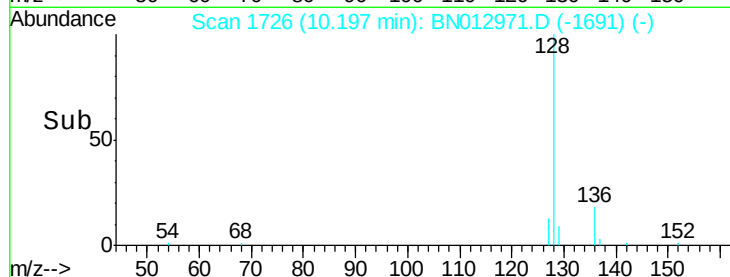
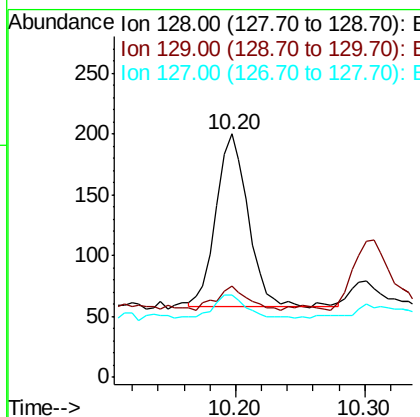
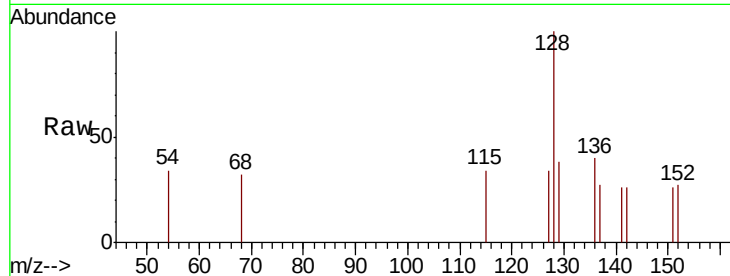
ClientSampleId :

C0B56

Tot Ion:	128	Resp:	244
Ion	Ratio	Lower	Upper
128	100		
129	37.5	12.3	18.5#
127	34.0	14.2	21.4#

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#7

Acenaphthylene

Concen: 0.181 ng/ul

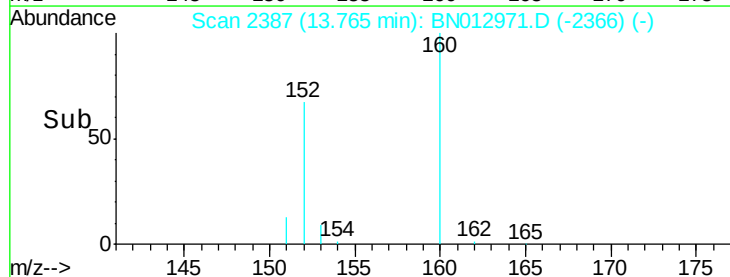
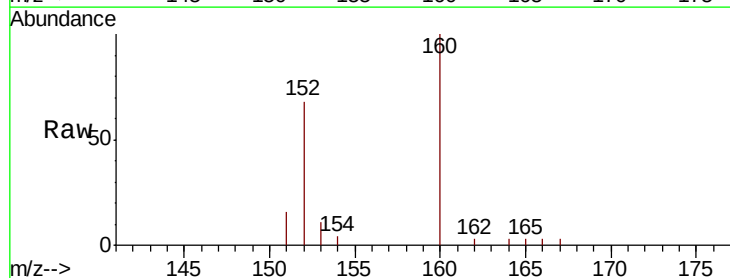
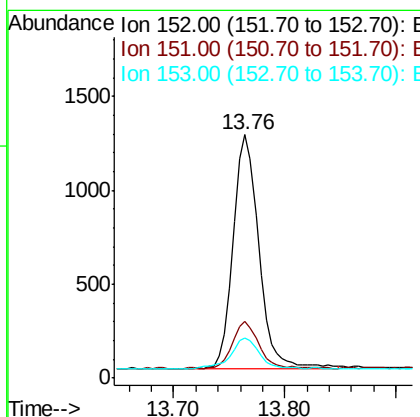
RT: 13.76 min Scan# 2387

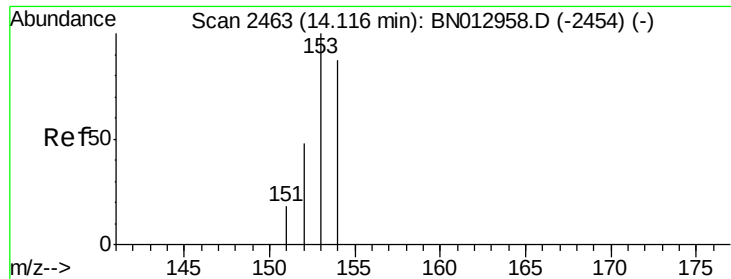
Delta R.T. -0.00 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

Tgt Ion:	152	Resp:	1967
Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.2	27.4
153	16.6	13.1	19.7





#8

Acenaphthene

Concen: 0.079 ng/ul

RT: 14.11 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

Instrument :

BNA_N

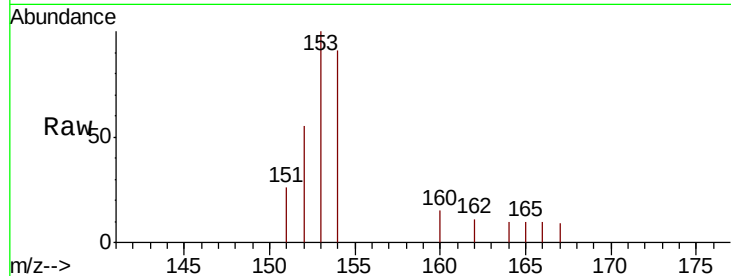
ClientSampleId :

C0B56

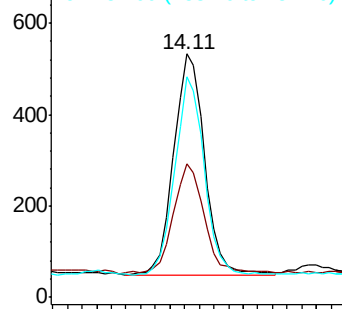
Tot Ion:	153	Resp:	705
Ion	Ratio	Lower	Upper
153	100		
152	54.8	40.7	61.1
154	90.8	70.8	106.2

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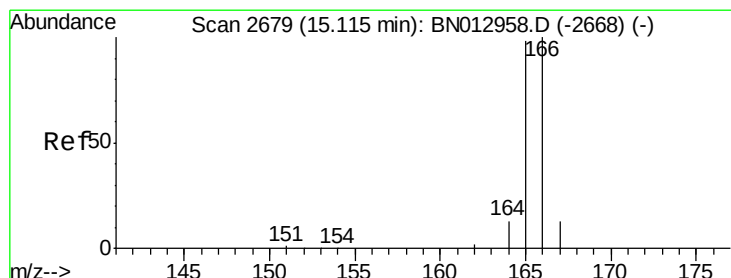
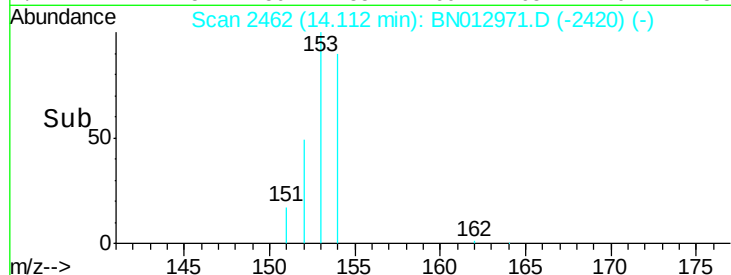
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.085 ng/ul

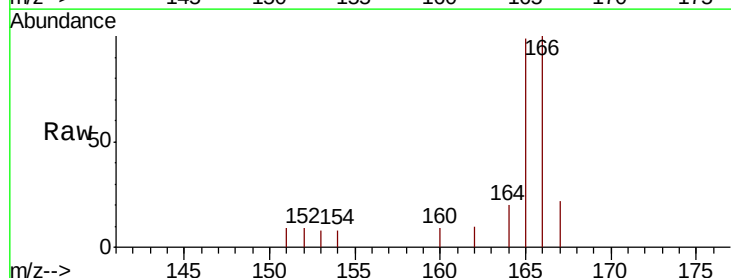
RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

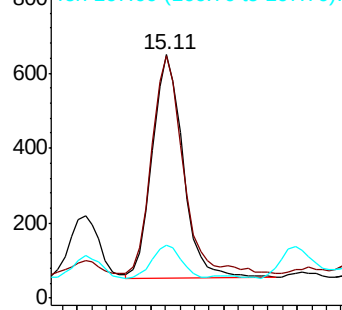
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Acq: 08 Dec 2020 11:33

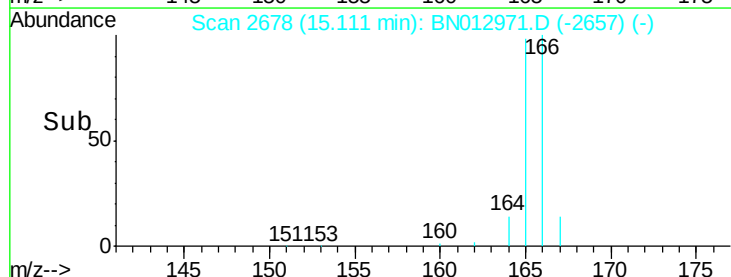
Tgt Ion:	166	Resp:	866
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	21.6	13.8	20.8

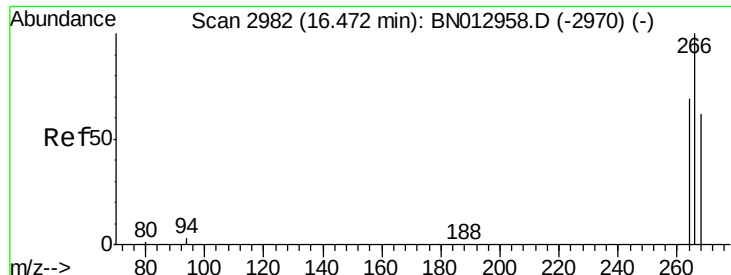


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





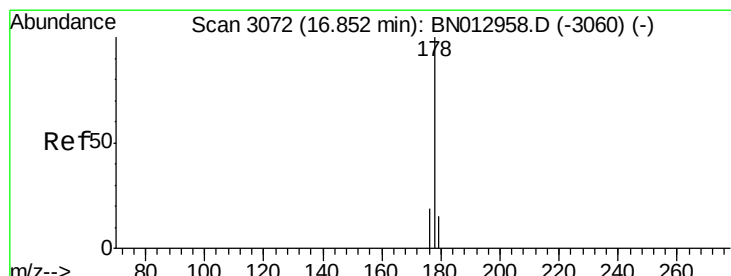
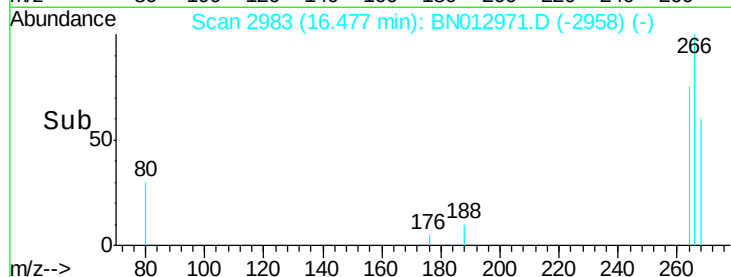
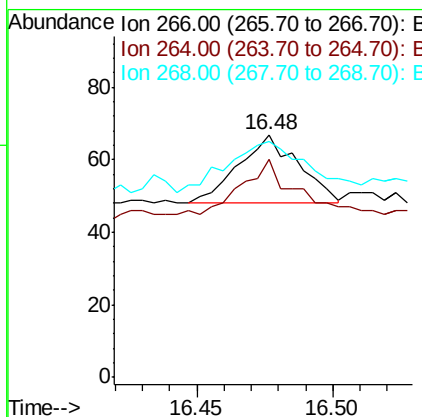
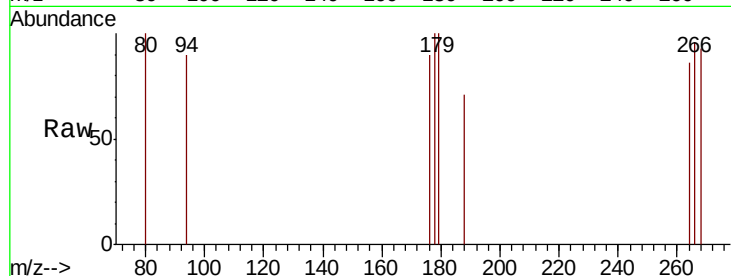
#11
 Pentachlorophenol
 Concen: 0.021 ng/ul
 RT: 16.48 min Scan# 2983
 Delta R.T. 0.00 min
 Lab File: BN012971.D
 Acq: 08 Dec 2020 11:33

Instrument :
 BNA_N
 ClientSampleId :
 C0B56

Tot Ion:	266	Resp:	29
Ion Ratio	Lower	Upper	
266	100		
264	69.0	51.5	77.3
268	100.0	56.0	84.0#

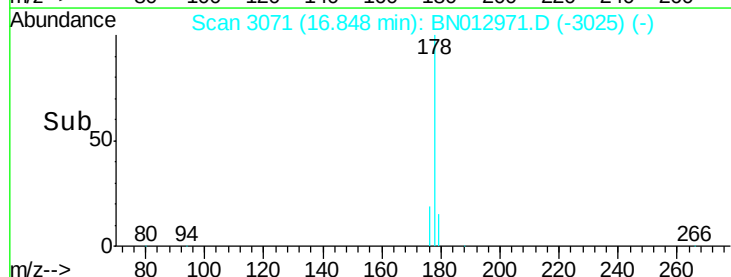
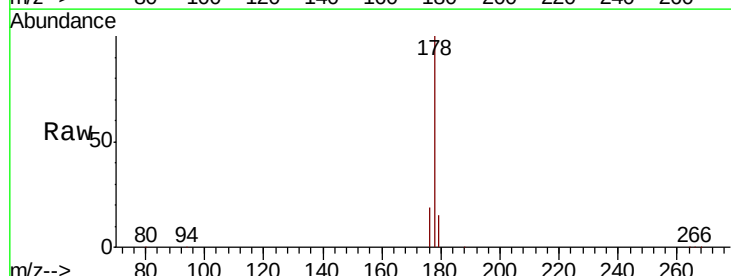
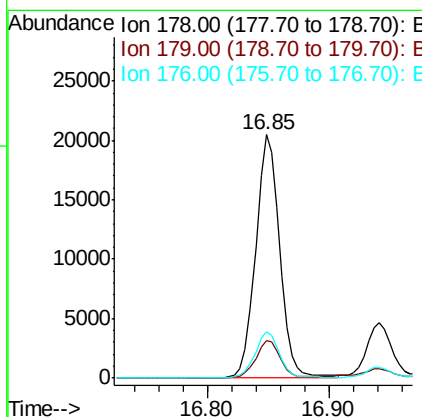
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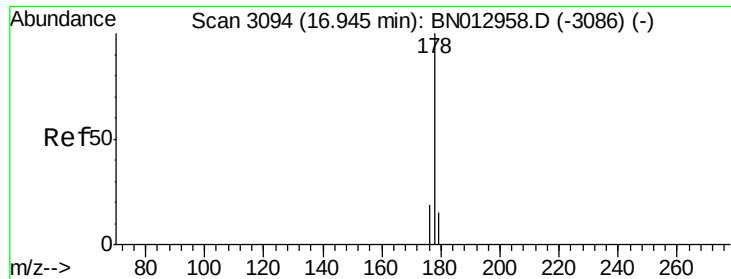
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#12
 Phenanthrene
 Concen: 1.706 ng/ul
 RT: 16.85 min Scan# 3071
 Delta R.T. -0.00 min
 Lab File: BN012971.D
 Acq: 08 Dec 2020 11:33

Tgt Ion:	178	Resp:	27319
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.6	20.4
176	19.1	16.4	24.6





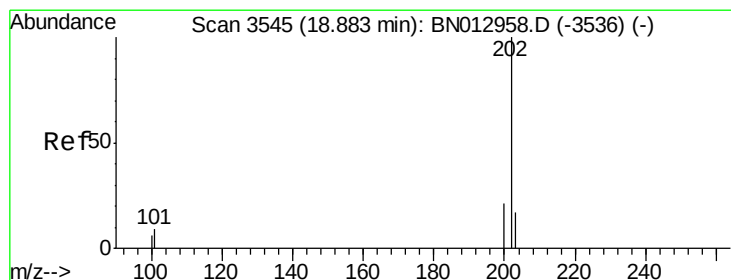
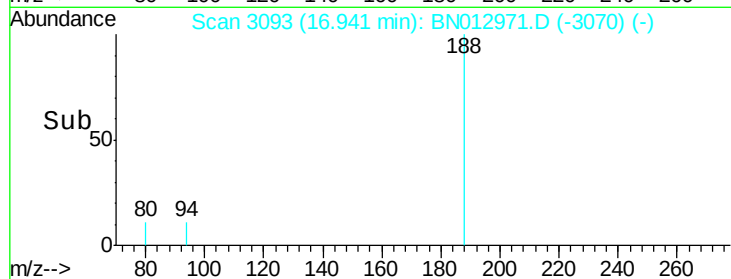
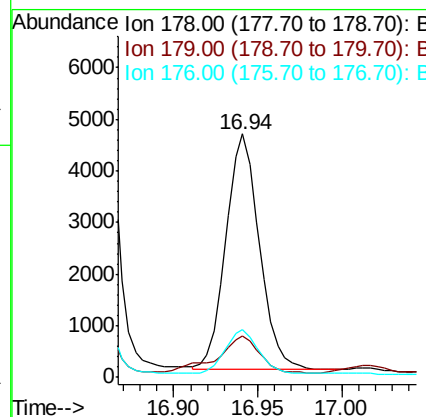
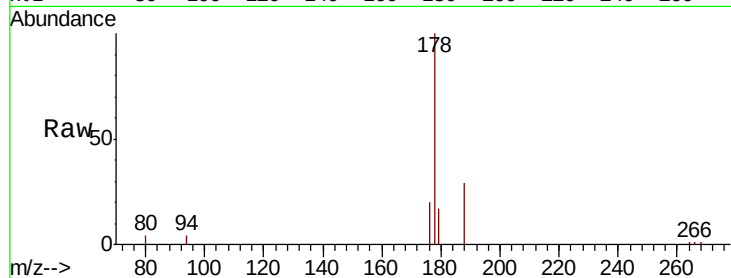
#13
 Anthracene
 Concen: 0.465 ng/ul
 RT: 16.94 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BN012971.D
 Acq: 08 Dec 2020 11:33

Instrument :
 BNA_N
 ClientSampleId :
 C0B56

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.6	21.8
176	19.7	17.1	25.7

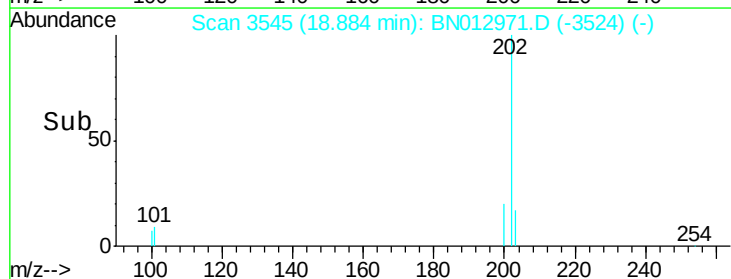
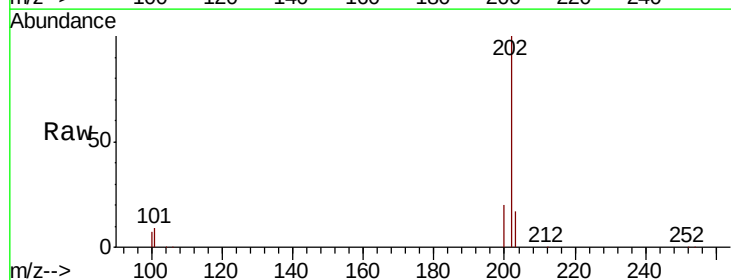
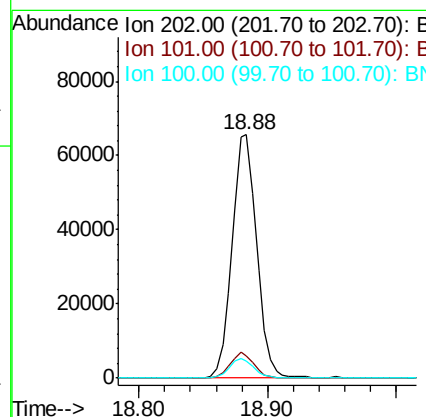
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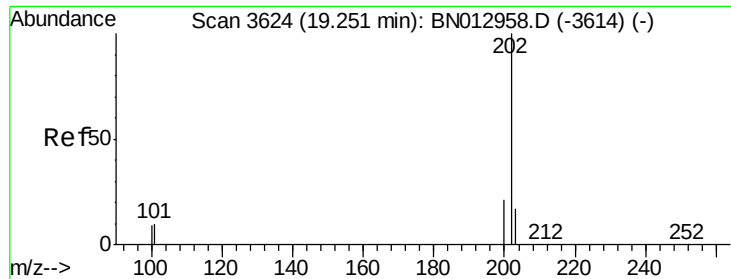
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#15
 Fluoranthene
 Concen: 4.576 ng/ul
 RT: 18.88 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: BN012971.D
 Acq: 08 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.6
100	7.1	0.0	28.7





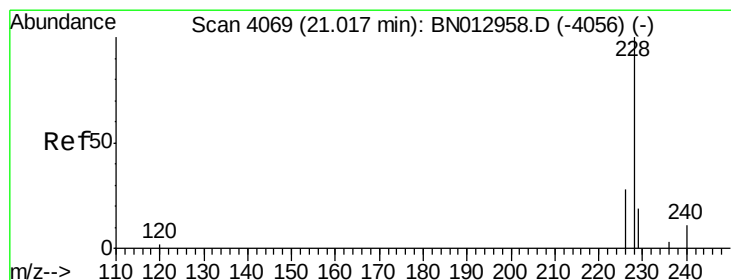
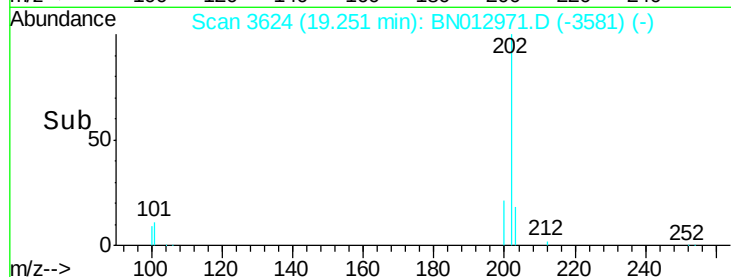
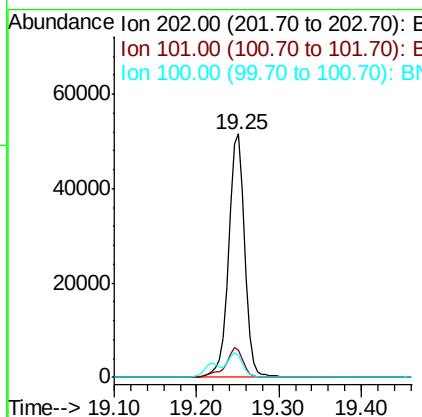
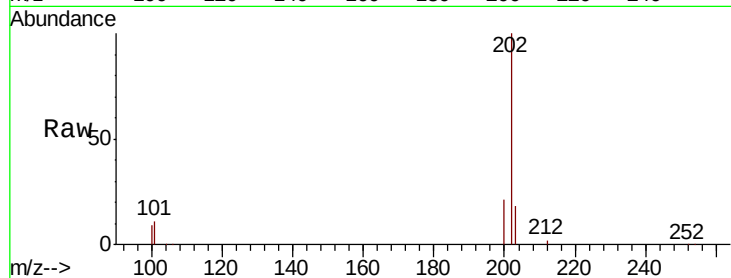
#17
Pvrene
Concen: 3.679 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012971.D
Acq: 08 Dec 2020 11:33

Instrument :
BNA_N
ClientSampleId :
C0B56

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	9.2	7.5	11.3

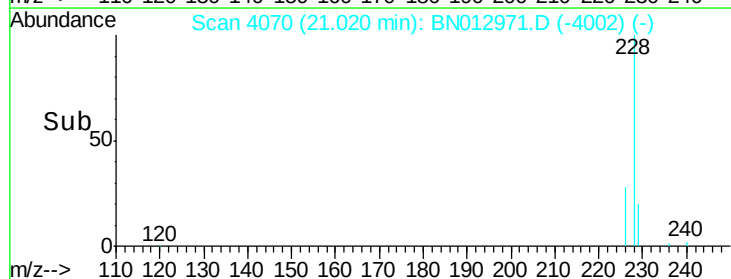
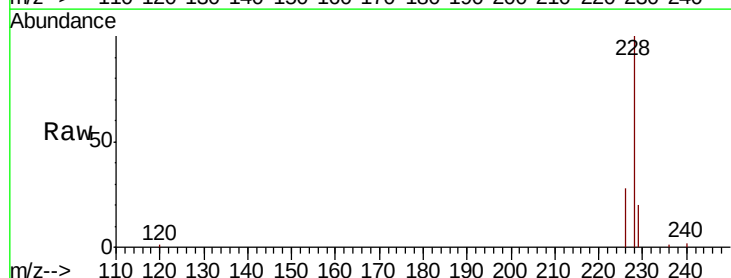
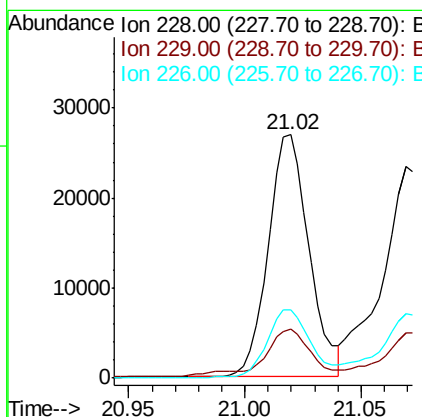
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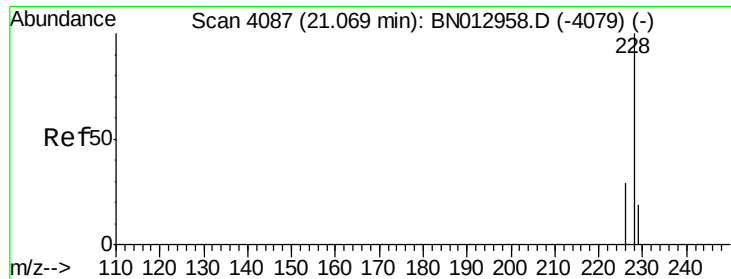
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#18
Benzo(a)anthracene
Concen: 1.997 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012971.D
Acq: 08 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	28.2	23.4	35.2





#19

Chrysene

Concen: 1.839 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

Instrument :

BNA_N

ClientSampleId :

C0B56

Tot Ion:228 Resp: 33458

Ion Ratio Lower Upper

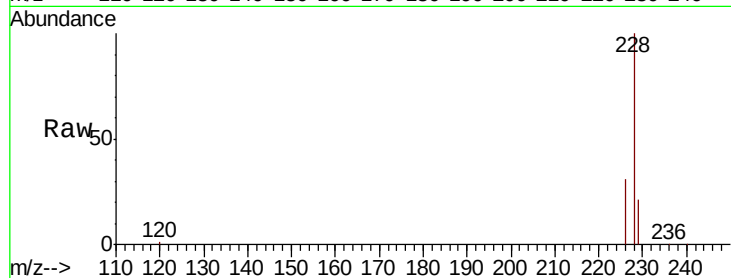
228 100

226 30.5 25.0 37.6

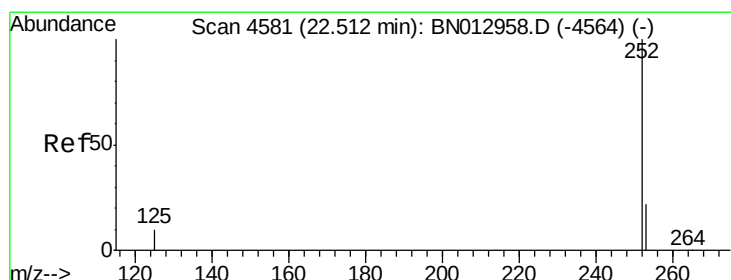
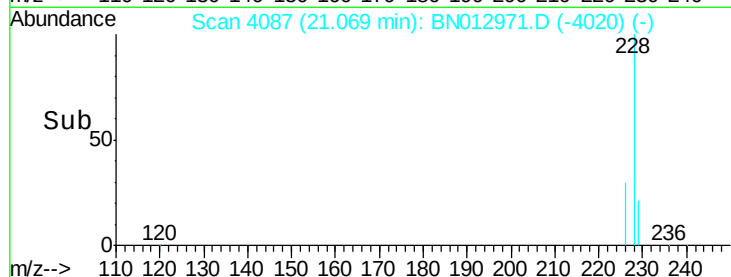
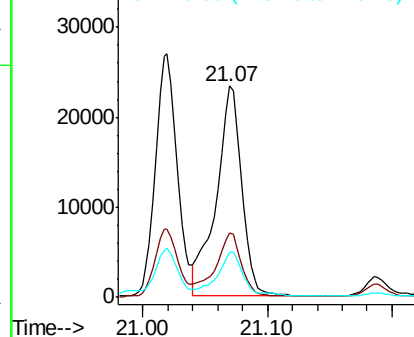
229 21.1 16.4 24.6

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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: 2.594 ng/ul m

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

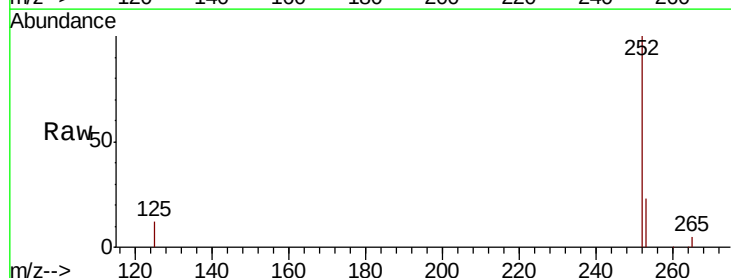
Tgt Ion:252 Resp: 42312

Ion Ratio Lower Upper

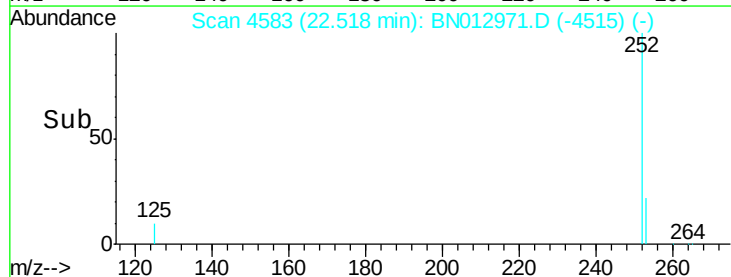
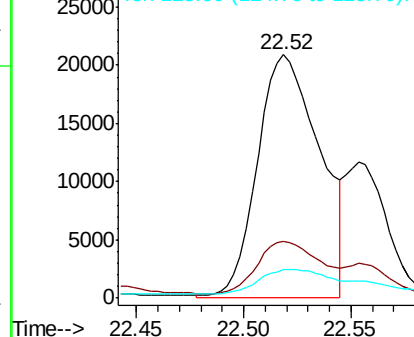
252 100

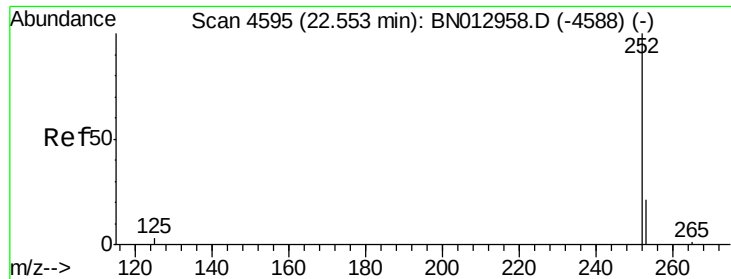
253 23.5 0.0 59.6

125 11.7 0.0 26.0



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: 0.879 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

Instrument :

BNA_N

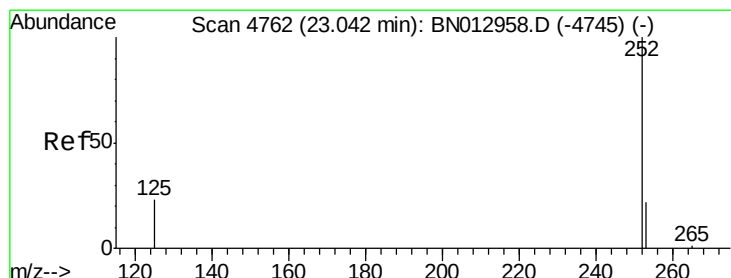
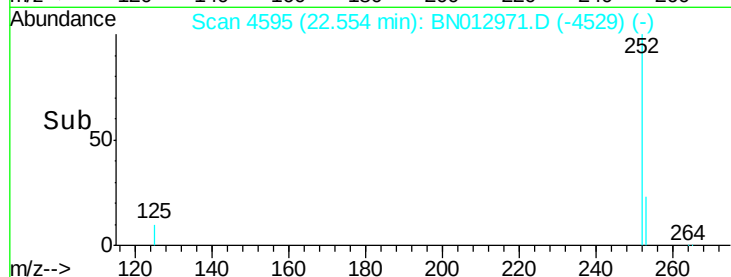
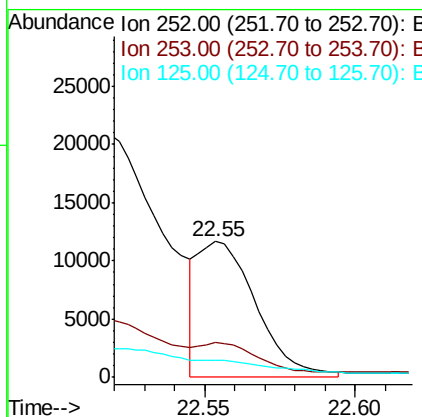
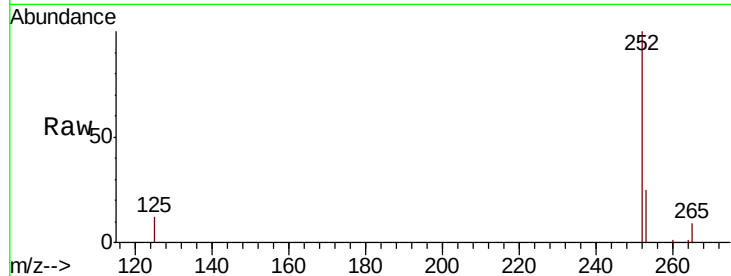
ClientSampleId :

C0B56

Tot Ion:	252	Resp:	15840
Ion Ratio	Lower	Upper	
252	100		
253	25.3	23.4	35.2
125	12.4	11.1	16.7

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#23

Benzo(a)pyrene

Concen: 1.655 ng/ul

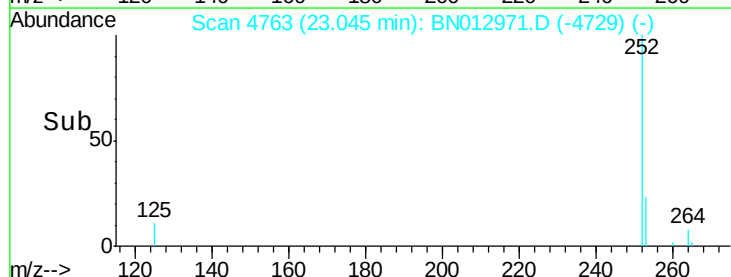
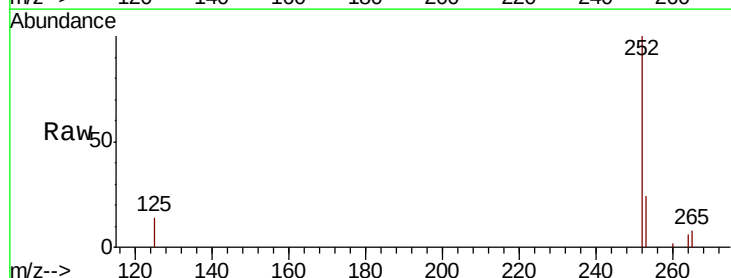
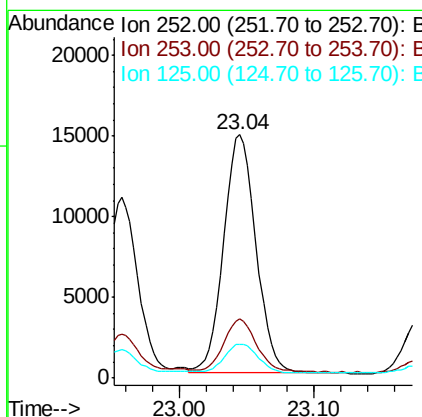
RT: 23.04 min Scan# 4763

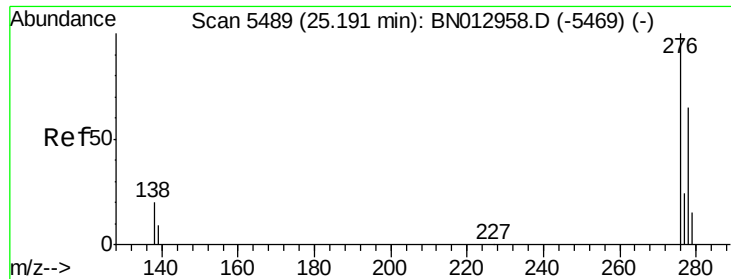
Delta R.T. -0.00 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

Tgt Ion:	252	Resp:	25052
Ion Ratio	Lower	Upper	
252	100		
253	24.1	26.5	39.7#
125	14.0	14.2	21.2#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.806 ng/ul

RT: 25.19 min Scan# 5488

Delta R.T. -0.00 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

Instrument :

BNA_N

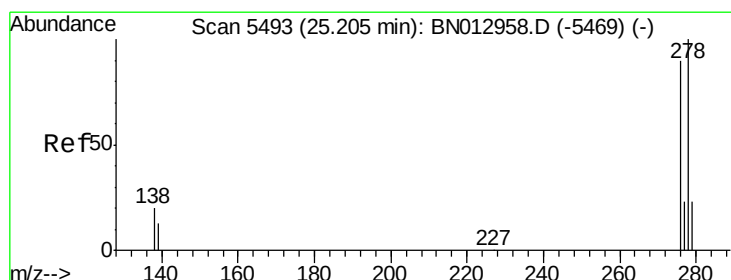
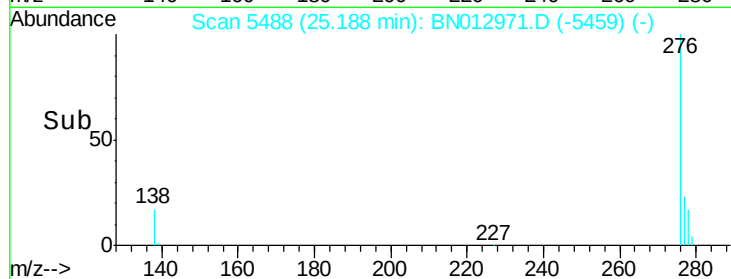
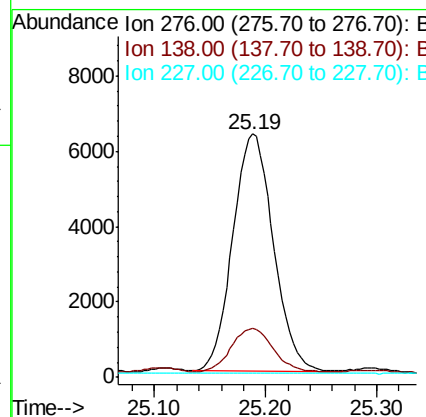
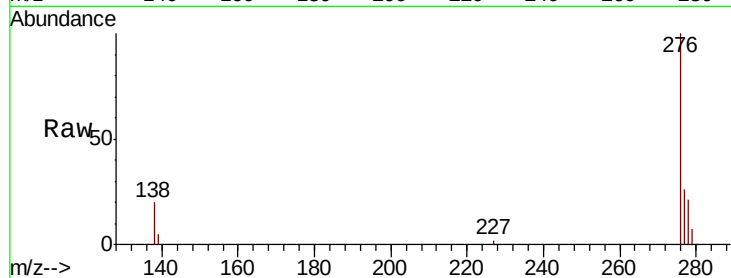
ClientSampleId :

C0B56

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:38 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.255 ng/ul

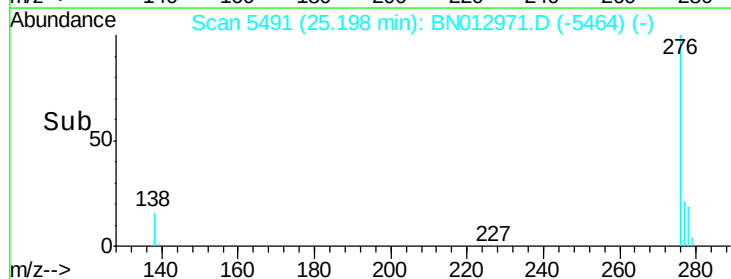
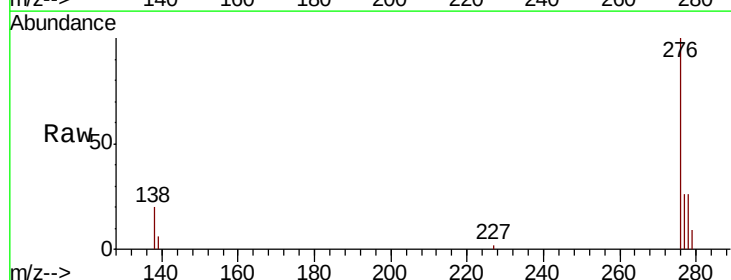
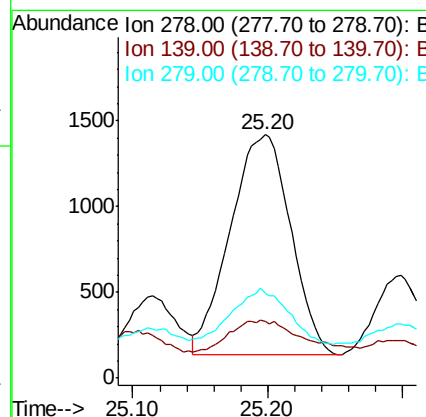
RT: 25.20 min Scan# 5491

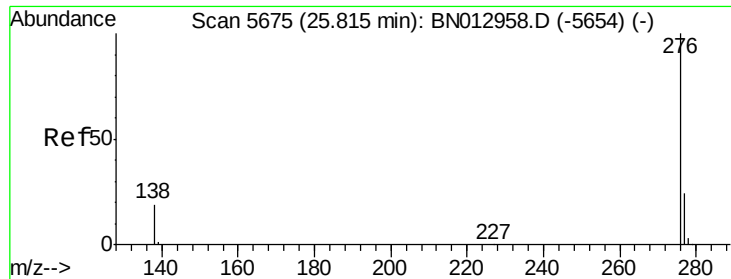
Delta R.T. -0.01 min

Lab File: BN012971.D

Acq: 08 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.5	21.7
279	34.8	26.3	39.5





#26

Benzo(a,h,i)perylene

Concen: 0.749 ng/ul

RT: 25.82 min Scan# 5676

Delta R.T. -0.00 min

Lab File: BN012971.D

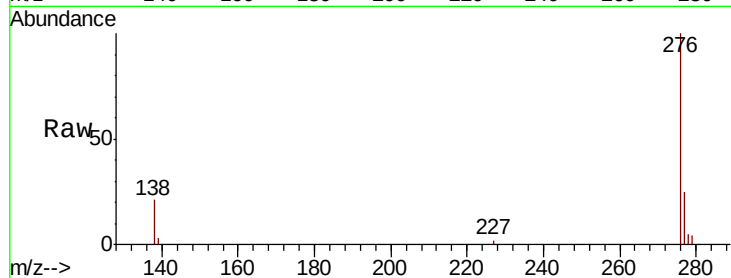
Acq: 08 Dec 2020 11:33

Instrument :

BNA_N

ClientSampleId :

C0B56



Tot Ion:	276	Resp:	13464
Ion Ratio	Lower	Upper	
276	100		
138	21.3	16.3	24.5
277	25.4	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:38 PM

