

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012964.D
 Acq On : 08 Dec 2020 06:44
 Operator : CG/JU
 Sample : L4862-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ1

Manual Integrations
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Quant Time: Dec 08 11:48:40 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	1087	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4324	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2525	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5377m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4135	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3340	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2173	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	4439	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	4775	0.382	ng/ul	94
5) 2-Methylnaphthalene	11.83	142	3344	0.407	ng/ul	98
7) Acenaphthylene	13.76	152	2145	0.179	ng/ul	98
8) Acenaphthene	14.11	153	3694	0.377	ng/ul	98
9) Fluorene	15.11	166	5622	0.500	ng/ul	97
12) Phenanthrene	16.85	178	86685	4.808	ng/ul	96
13) Anthracene	16.94	178	17447	1.137	ng/ul	94
15) Fluoranthene	18.88	202	118338	5.524	ng/ul	97
17) Pyrene	19.25	202	95974	4.914	ng/ul	100
18) Benzo(a)anthracene	21.02	228	48194	2.817	ng/ul	99
19) Chrysene	21.07	228	48240	2.552	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	55505m	3.592	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	20961m	1.227	ng/ul	
23) Benzo(a)pyrene	23.05	252	35094	2.448	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.19	276	21252	1.128	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	5632	0.378	ng/ul#	96
26) Benzo(a,h,i)perylene	25.82	276	19812	1.163	ng/ul	97

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

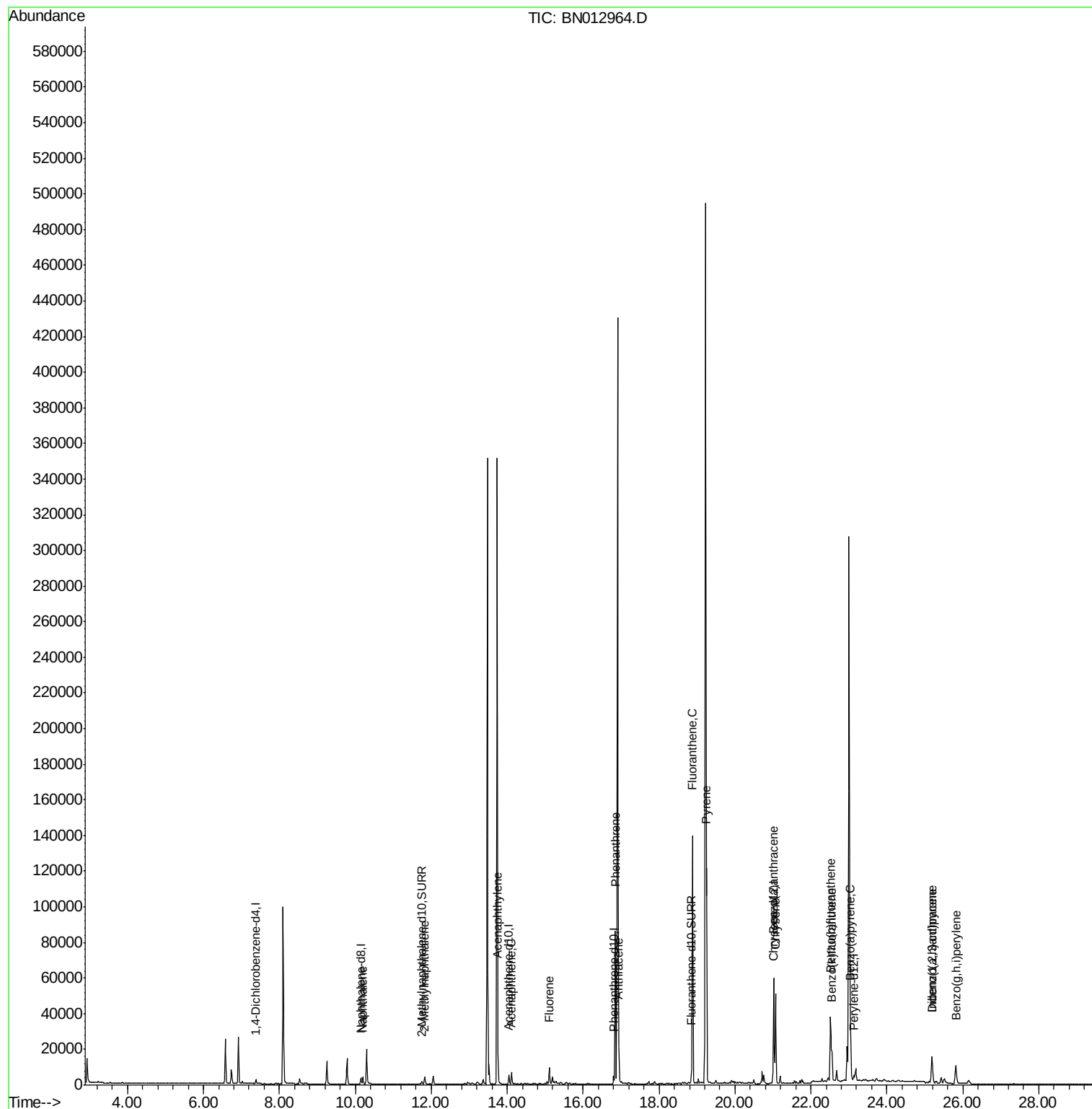
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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ALS Vial : 33 Sample Multiplier: 1

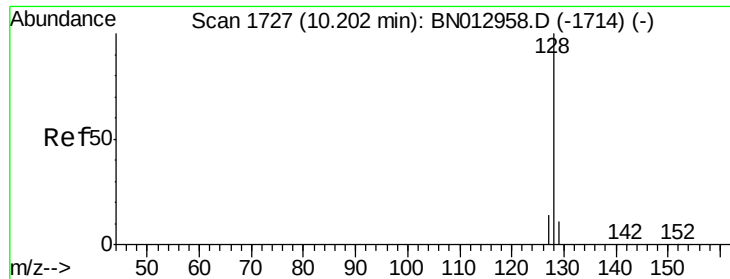
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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#3

Naphthalene

Concen: 0.382 ng/ul

RT: 10.20 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Instrument :

BNA_N

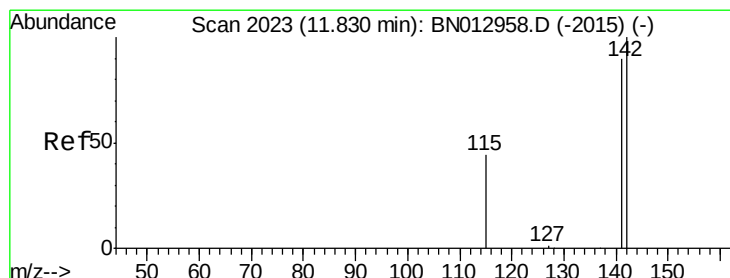
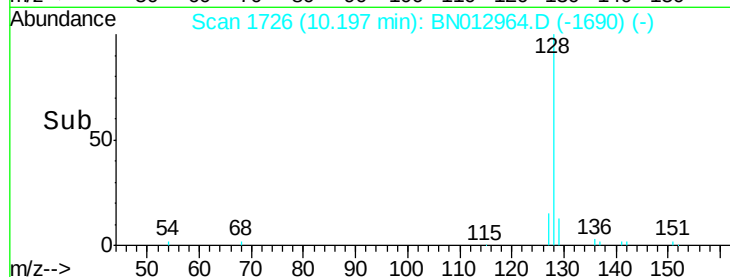
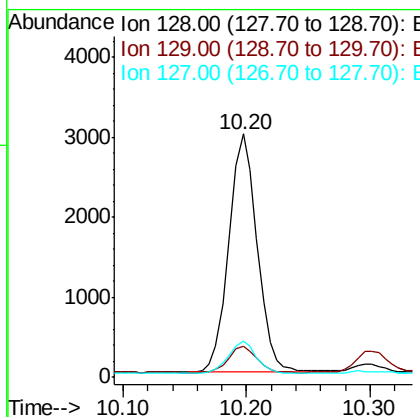
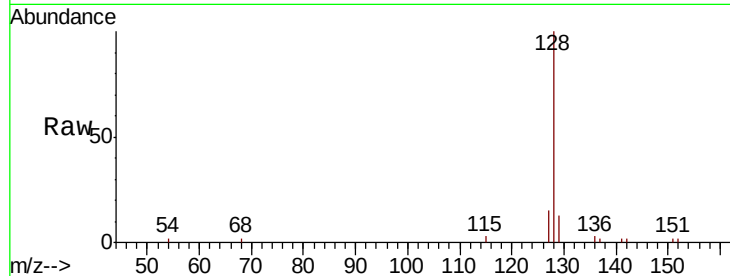
ClientSampleId :

C0AZ1

Tot Ion:128	Resp:	4775
Ion Ratio	Lower	Upper
128	100	
129	13.0	12.3 18.5
127	14.9	14.2 21.4

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#5

2-Methylnaphthalene

Concen: 0.407 ng/ul

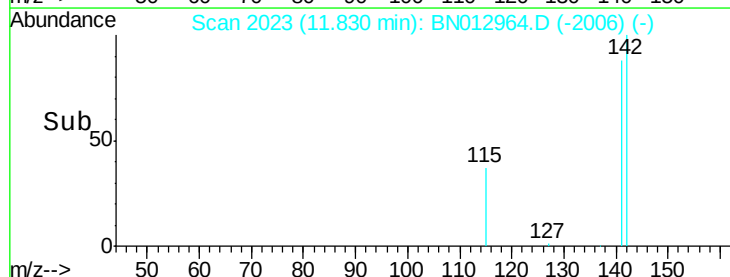
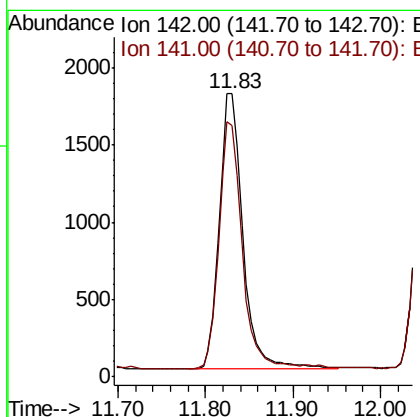
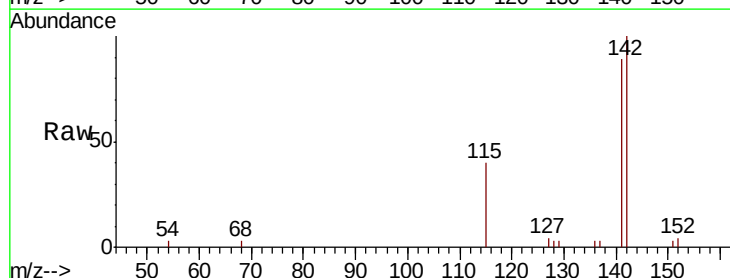
RT: 11.83 min Scan# 2023

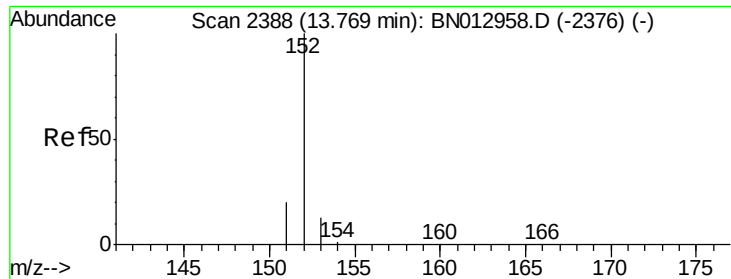
Delta R.T. -0.01 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Tgt Ion:142	Resp:	3344
Ion Ratio	Lower	Upper
142	100	
141	89.8	73.0 109.6





#7

Acenaphthylene

Concen: 0.179 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Instrument :

BNA_N

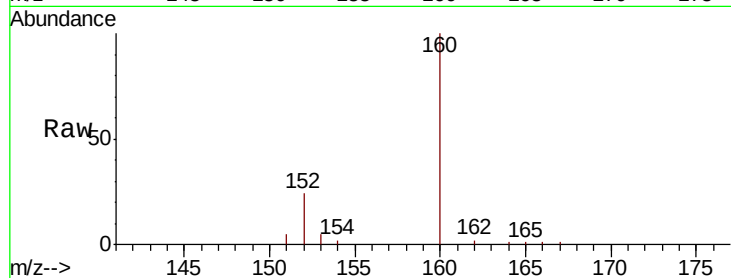
ClientSampleId :

C0AZ1

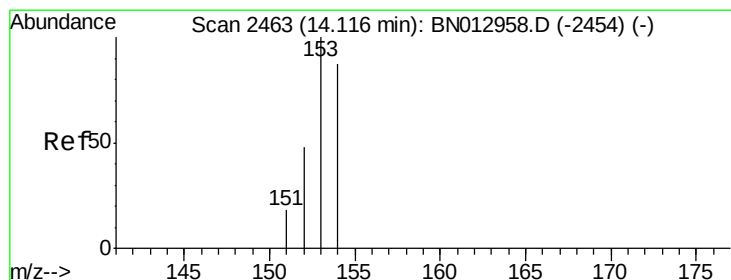
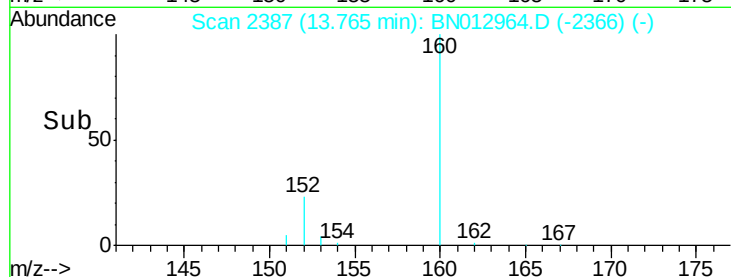
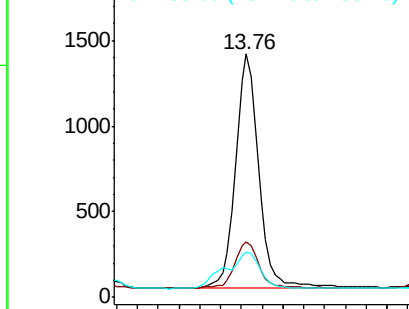
Tot Ion:	152	Resp:	2145
Ion Ratio	Lower	Upper	
152	100		
151	22.7	18.2	27.4
153	18.8	13.1	19.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.377 ng/ul

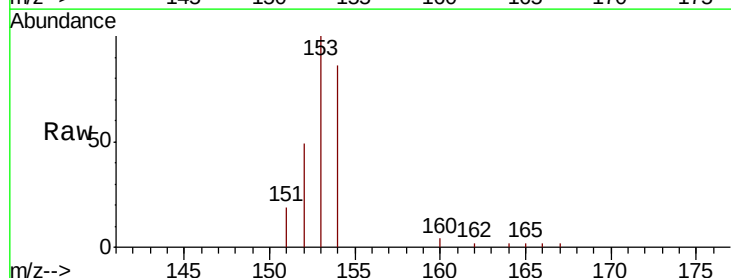
RT: 14.11 min Scan# 2462

Delta R.T. -0.00 min

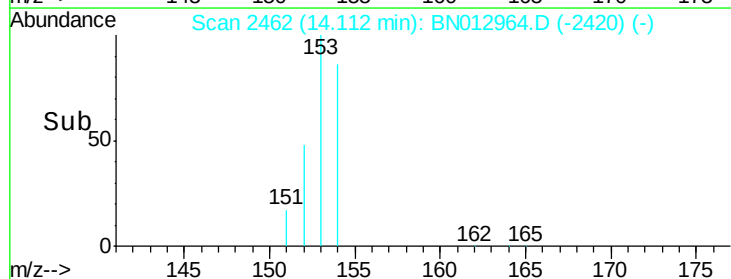
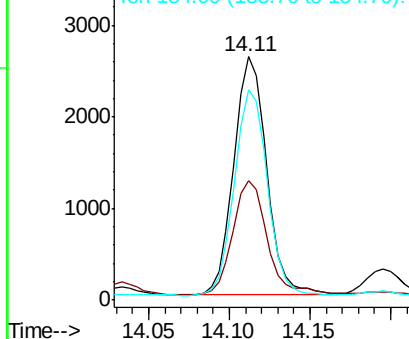
Lab File: BN012964.D

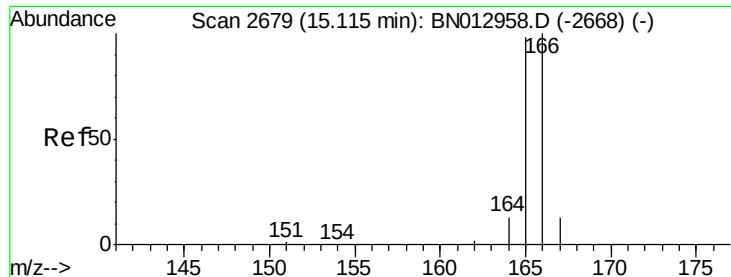
Acq: 08 Dec 2020 06:44

Tgt Ion:	153	Resp:	3694
Ion Ratio	Lower	Upper	
153	100		
152	49.2	40.7	61.1
154	86.5	70.8	106.2



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





#9

Fluorene

Concen: 0.500 ng/ul

RT: 15.11 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Instrument :

BNA_N

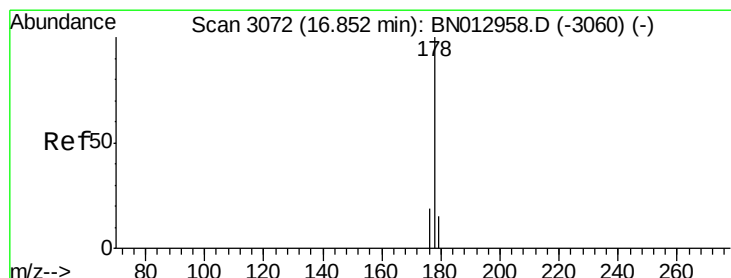
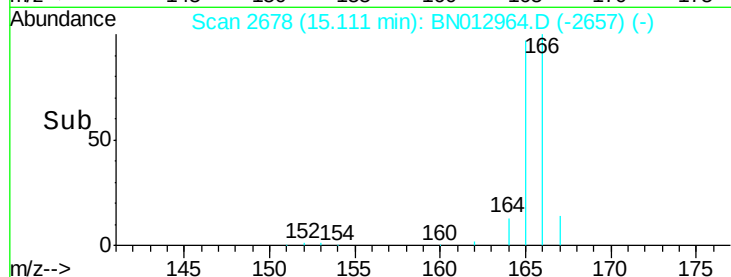
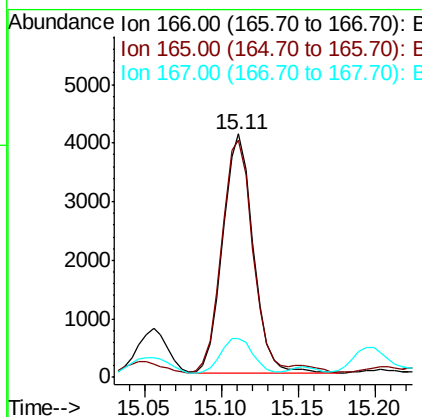
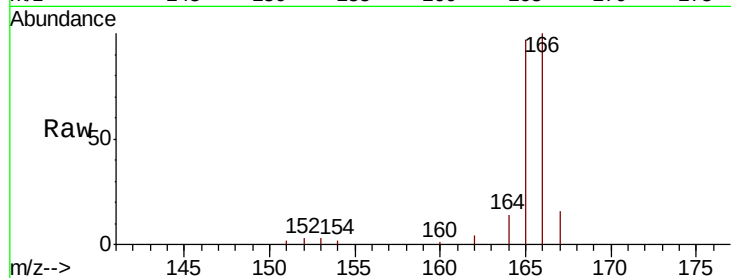
ClientSampleId :

C0AZ1

Tot Ion:	166	Resp:	5622
Ion Ratio	Lower	Upper	
166	100		
165	97.2	79.8	119.8
167	16.2	13.8	20.8

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#12

Phenanthrene

Concen: 4.808 ng/ul

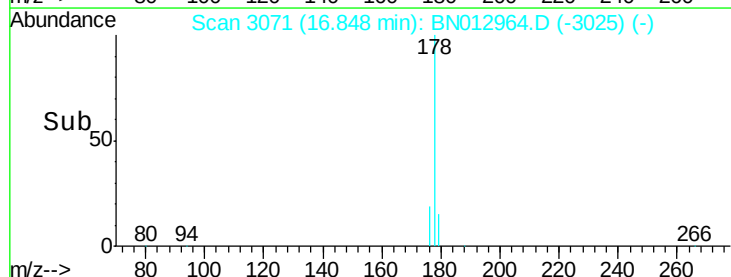
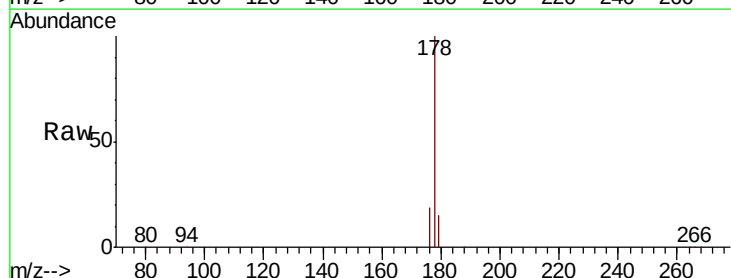
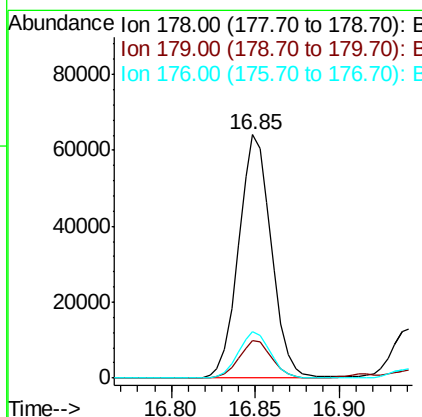
RT: 16.85 min Scan# 3071

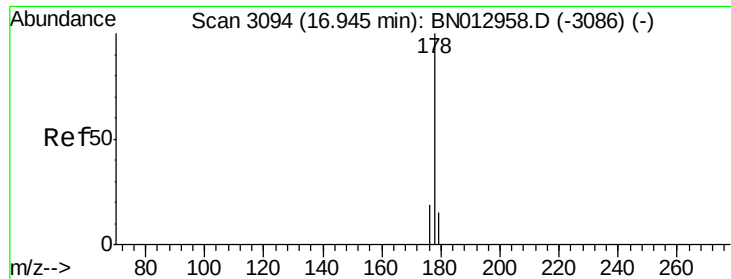
Delta R.T. -0.00 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Tgt Ion:	178	Resp:	86685
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.6	20.4
176	18.9	16.4	24.6





#13

Anthracene

Concen: 1.137 ng/ul

RT: 16.94 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Instrument :

BNA_N

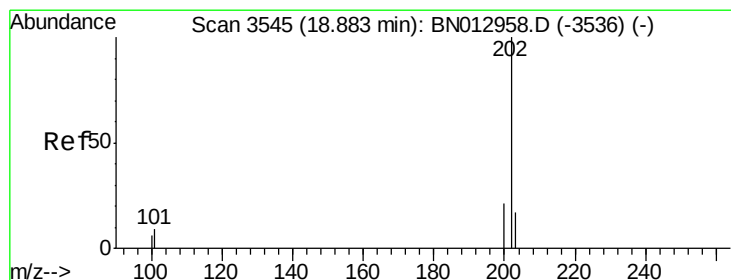
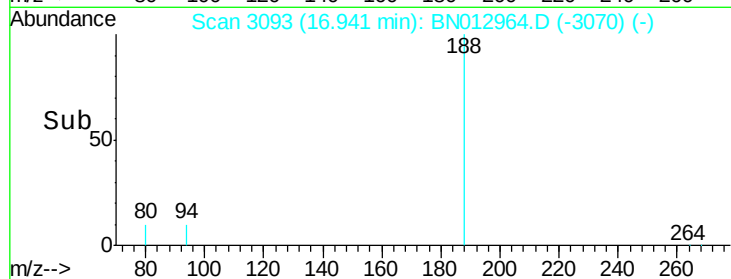
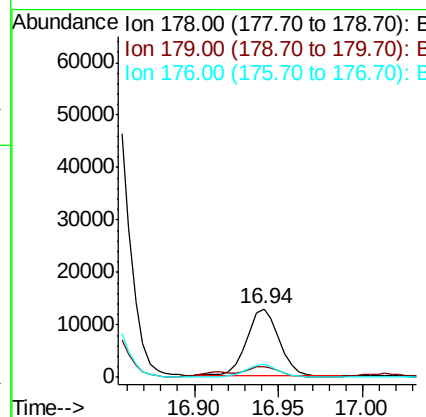
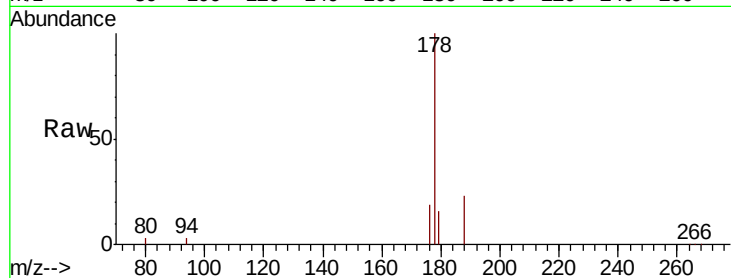
ClientSampleId :

C0AZ1

Tot Ion:	178	Resp:	17447
Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.6	21.8
176	18.6	17.1	25.7

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#15

Fluoranthene

Concen: 5.524 ng/ul

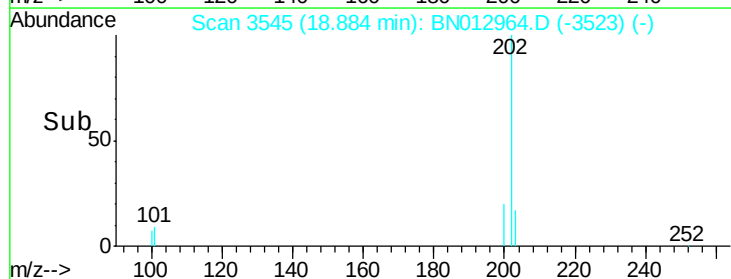
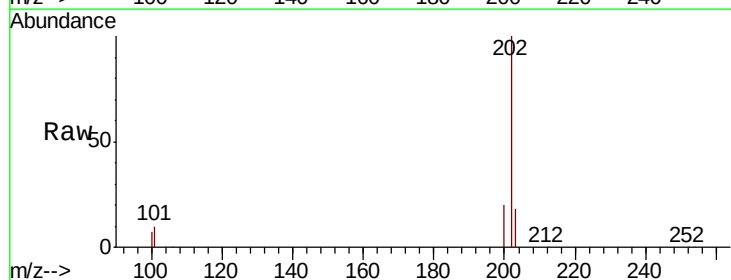
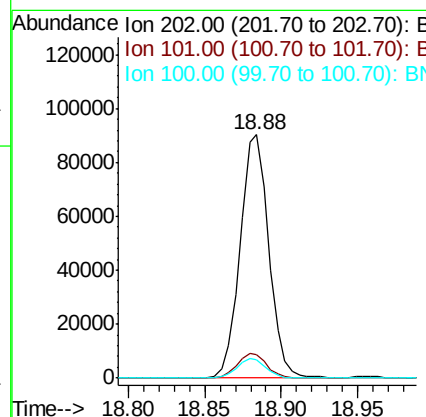
RT: 18.88 min Scan# 3545

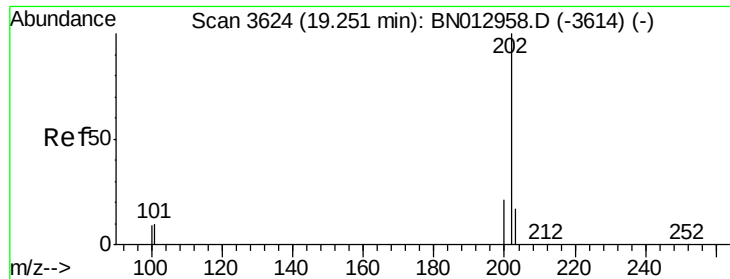
Delta R.T. 0.00 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Tgt Ion:	202	Resp:	118338
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.6
100	7.4	0.0	28.7





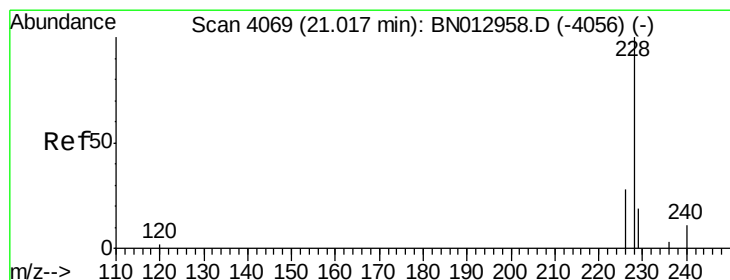
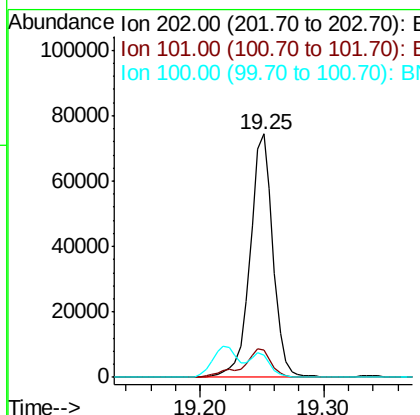
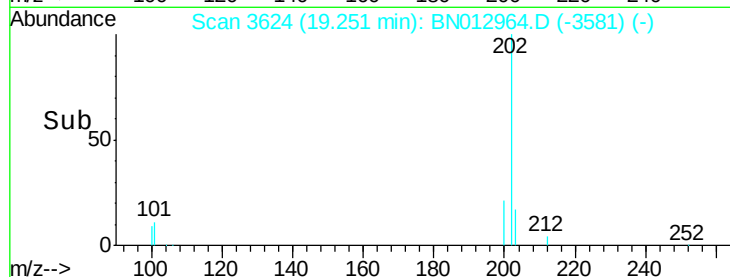
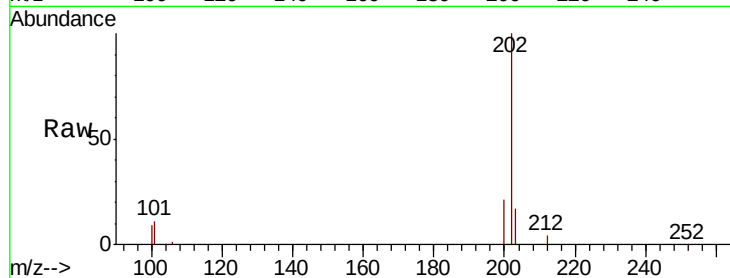
#17
 Pvrene
 Concen: 4.914 ng/ul
 RT: 19.25 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: BN012964.D
 Acq: 08 Dec 2020 06:44

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ1

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	9.1	13.7
100	9.2	7.5	11.3

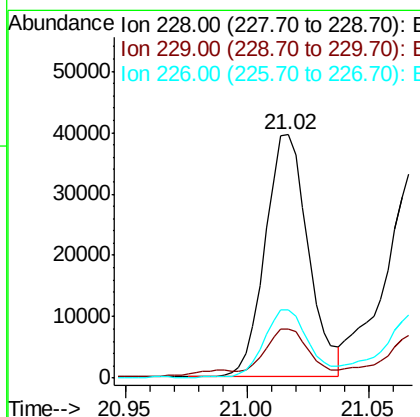
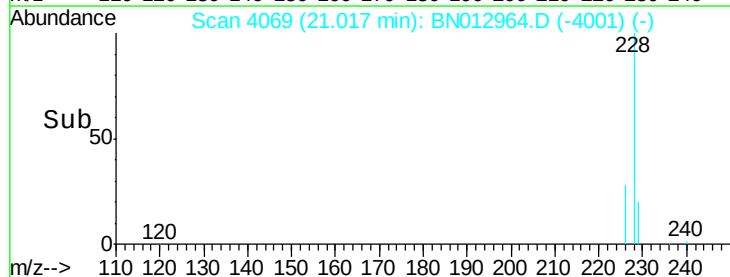
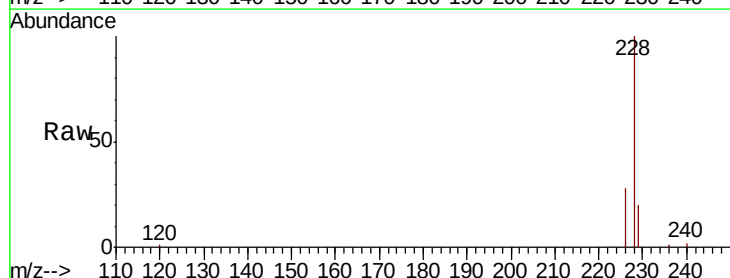
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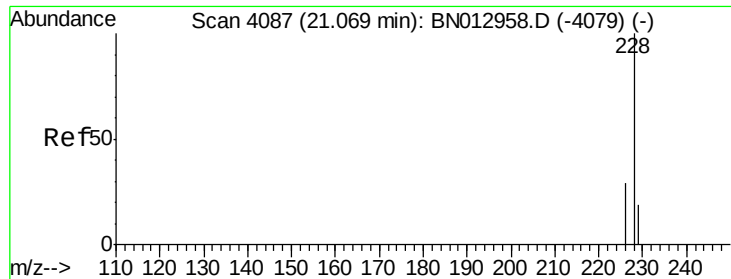
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#18
 Benzo(a)anthracene
 Concen: 2.817 ng/ul
 RT: 21.02 min Scan# 4069
 Delta R.T. -0.00 min
 Lab File: BN012964.D
 Acq: 08 Dec 2020 06:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	16.3	24.5
226	28.1	23.4	35.2





#19

Chrysene

Concen: 2.552 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.00 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Instrument :

BNA_N

ClientSampleId :

C0AZ1

Tot Ion:228 Resp: 48240

Ion Ratio Lower Upper

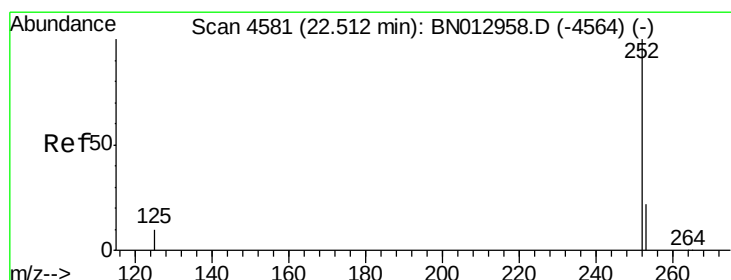
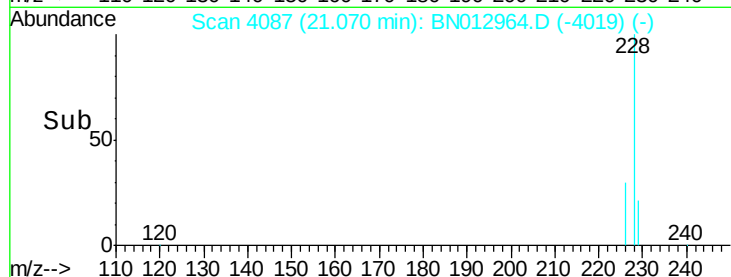
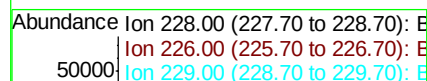
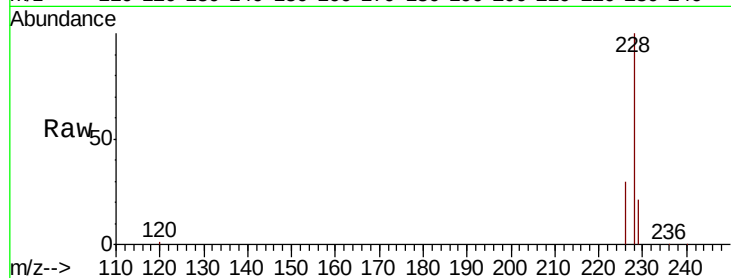
228 100

226 30.1 25.0 37.6

229 21.4 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 3.592 ng/ul m

RT: 22.52 min Scan# 4582

Delta R.T. -0.00 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

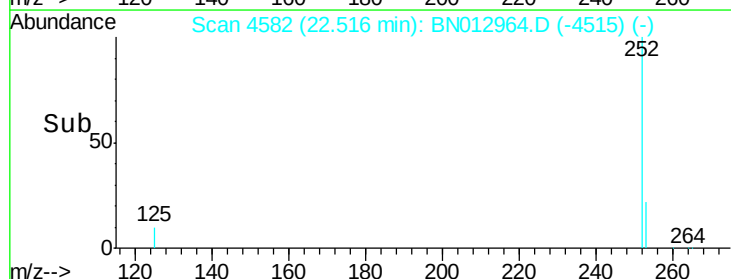
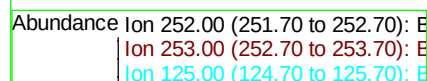
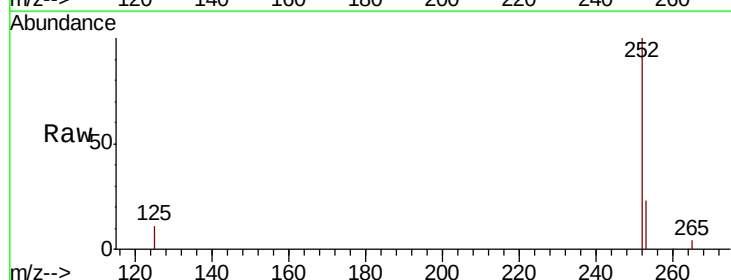
Tgt Ion:252 Resp: 55505

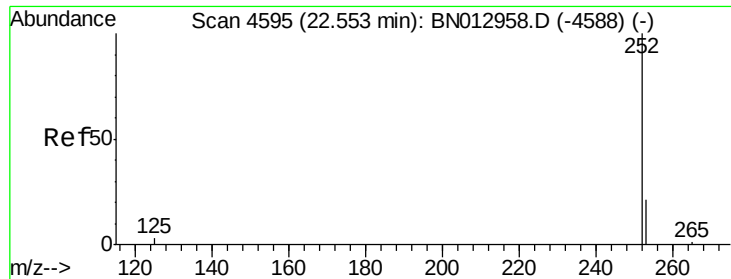
Ion Ratio Lower Upper

252 100

253 23.3 0.0 59.6

125 11.2 0.0 26.0





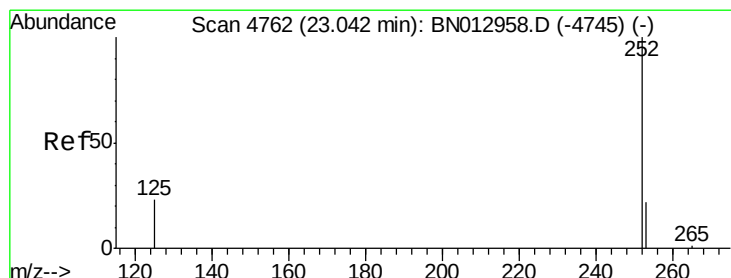
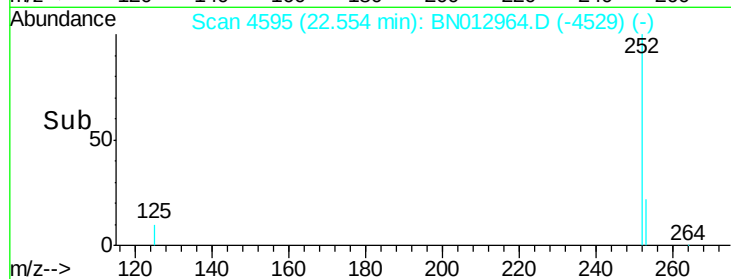
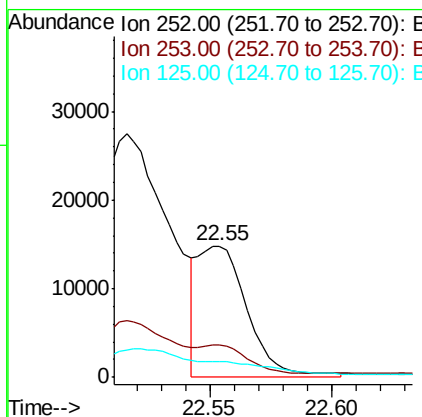
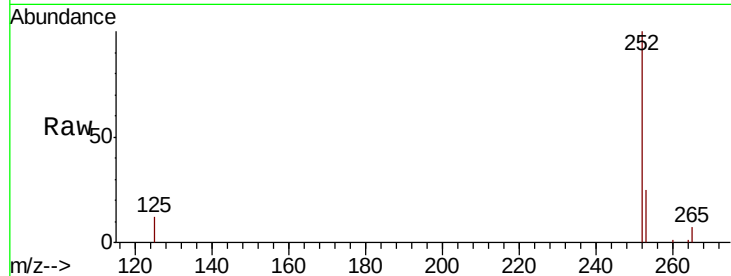
#22
Benzo(k)fluoranthene
Concen: 1.227 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012964.D
Acq: 08 Dec 2020 06:44

Instrument :
BNA_N
ClientSampleId :
C0AZ1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.4	35.2
125	12.1	11.1	16.7

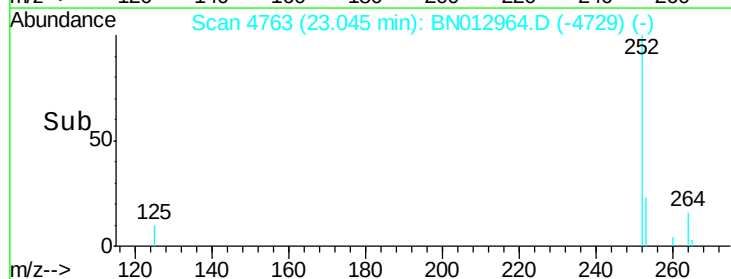
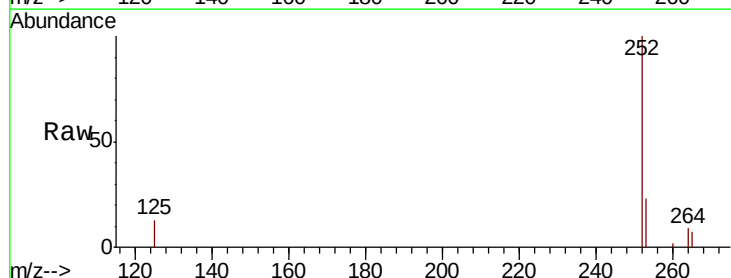
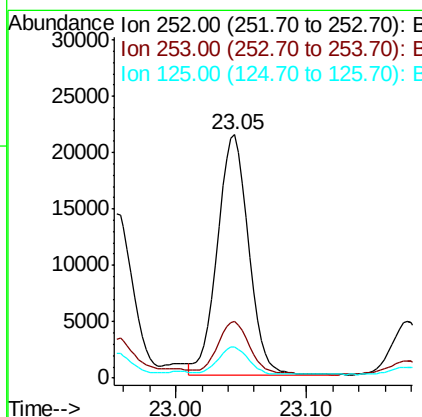
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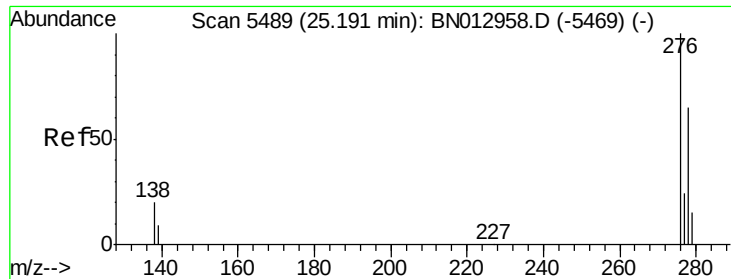
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#23
Benzo(a)pyrene
Concen: 2.448 ng/ul
RT: 23.05 min Scan# 4763
Delta R.T. 0.00 min
Lab File: BN012964.D
Acq: 08 Dec 2020 06:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	26.5	39.7#
125	12.8	14.2	21.2#





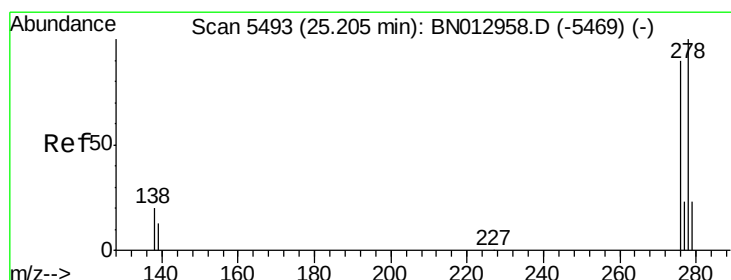
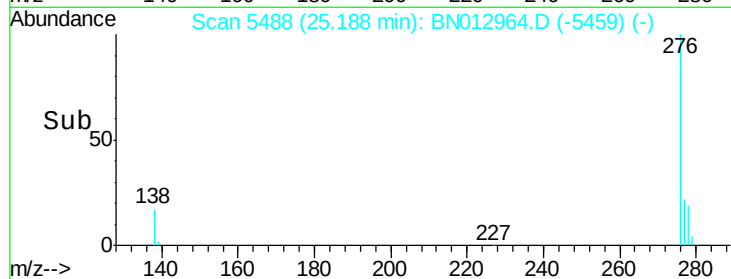
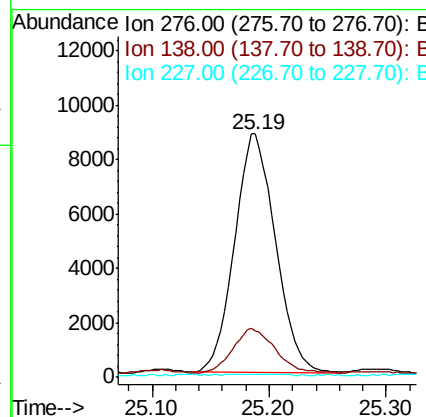
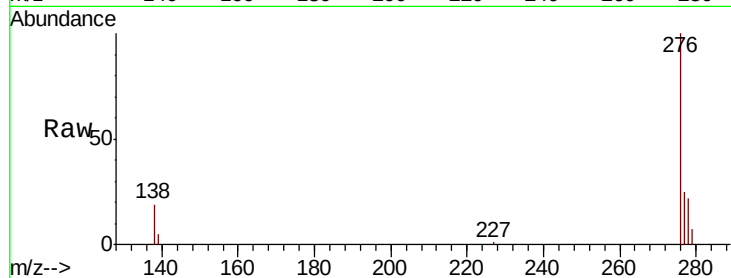
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.128 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012964.D
Acq: 08 Dec 2020 06:44

Instrument :
BNA_N
ClientSampleId :
C0AZ1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.2	24.2
227	0.0	0.0	0.0

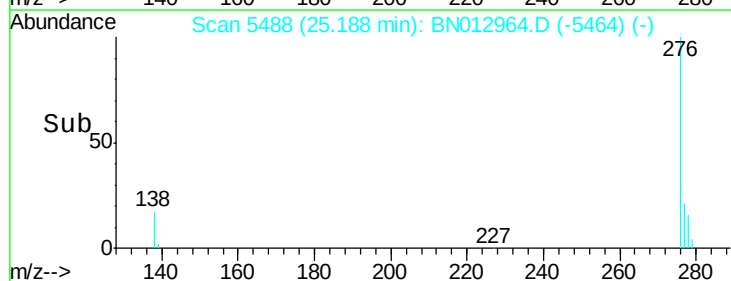
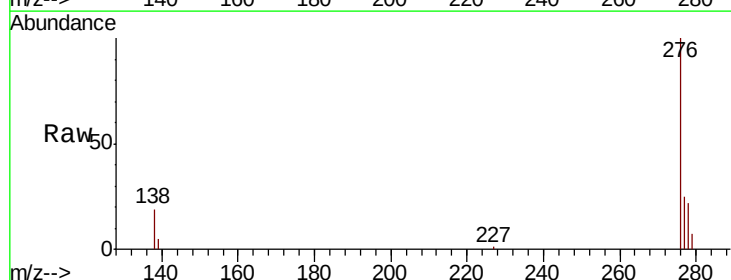
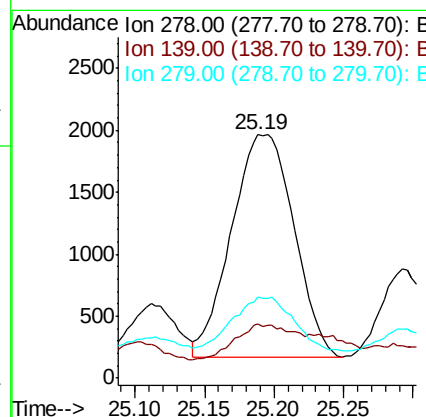
Manual Integrations
APPROVED

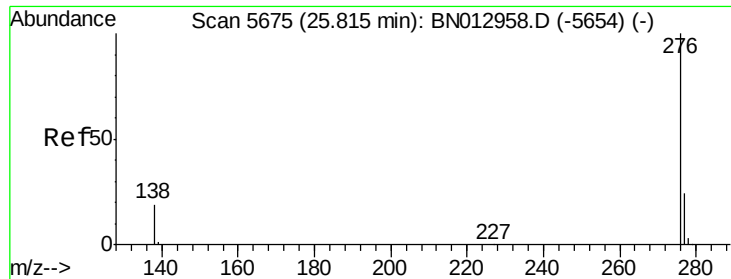
mohammad
12/9/2020 12:24:20 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN012964.D
Acq: 08 Dec 2020 06:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.5	21.7
279	33.3	26.3	39.5





#26

Benzo(a,h,i)perylene

Concen: 1.163 ng/ul

RT: 25.82 min Scan# 5675

Delta R.T. -0.01 min

Lab File: BN012964.D

Acq: 08 Dec 2020 06:44

Instrument :

BNA_N

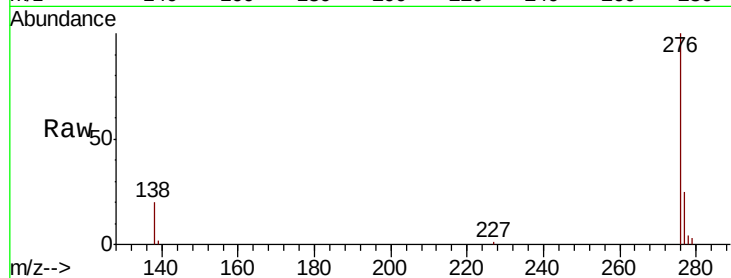
ClientSampleId :

C0AZ1

Tot Ion:	276	Resp:	19812
Ion Ratio	Lower	Upper	
276	100		
138	20.0	16.3	24.5
277	24.6	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/9/2020 12:24:20 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

