

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080320\
 Data File : BN011351.D
 Acq On : 04 Aug 2020 03:14
 Operator : CG/JU
 Sample : L3419-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG7

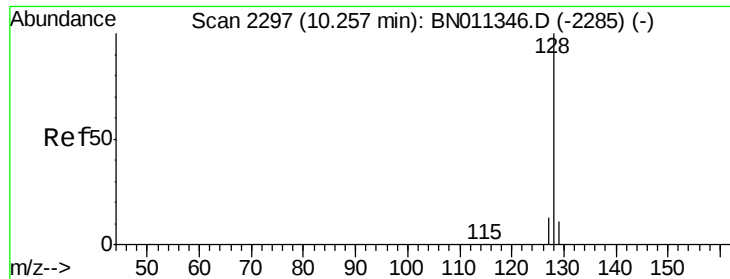
Manual Integrations
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mohammad
 8/5/2020 10:28:10 AM

Quant Time: Aug 04 07:22:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 06:45:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1065	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4193	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2611	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	6035	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	6810	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	8622	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	536	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1502	0.05	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.26	128	302	0.024	ng/ul#	52
5) 2-Methylnaphthalene	11.88	142	187	0.022	ng/ul	99
7) Acenaphthylene	13.81	152	9494	0.761	ng/ul	99
8) Acenaphthene	14.16	153	457	0.046	ng/ul	93
9) Fluorene	15.15	166	593	0.051	ng/ul#	96
12) Phenanthrene	16.89	178	14196	0.710	ng/ul	100
13) Anthracene	16.98	178	8835	0.506	ng/ul	99
15) Fluoranthene	18.92	202	52681	2.137	ng/ul	99
17) Pyrene	19.28	202	55382	1.791	ng/ul	100
18) Benzo(a)anthracene	21.05	228	29739	1.137	ng/ul	94
19) Chrysene	21.10	228	77398	2.580	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	206899m	5.749	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	70873m	1.757	ng/ul	
23) Benzo(a)pyrene	23.09	252	95426m	3.050	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.24	276	241809	7.353	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.24	278	52158	1.992	ng/ul	95
26) Benzo(g,h,i)perylene	25.87	276	434697	14.630	ng/ul	98

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



#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.26 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

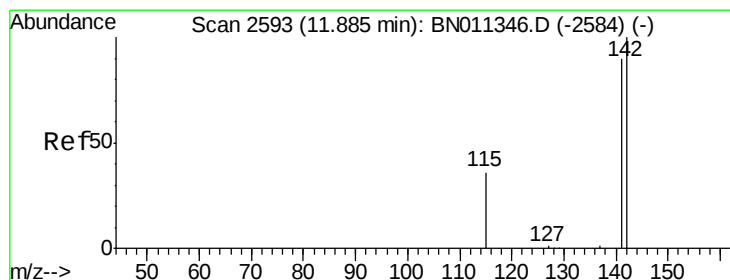
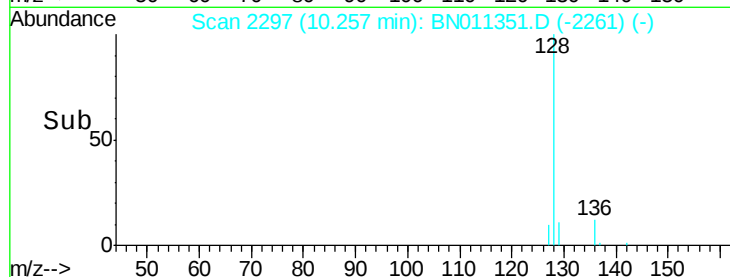
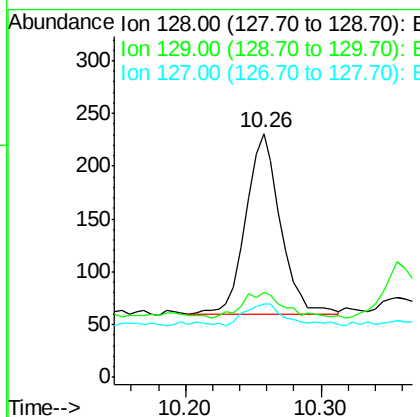
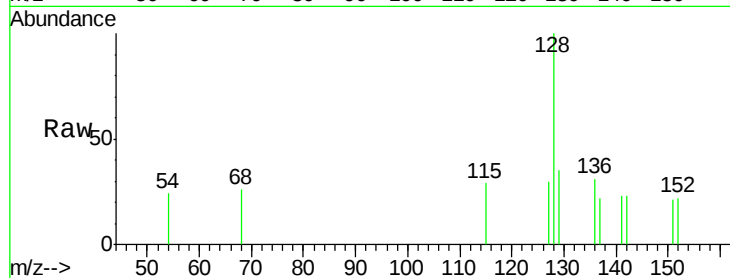
ClientSampleId :

C0AG7

Tgt Ion:	128	Resp:	302
Ion Ratio	Lower	Upper	
128	100		
129	34.6	9.6	14.4#
127	29.9	11.2	16.8#

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#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

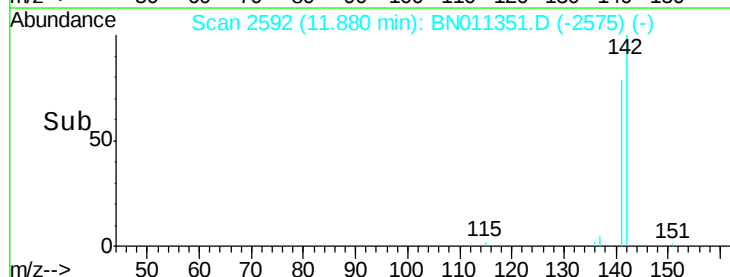
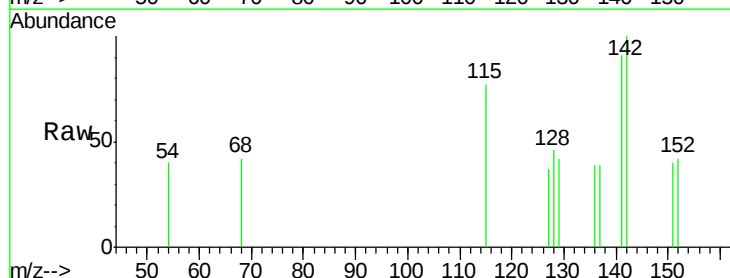
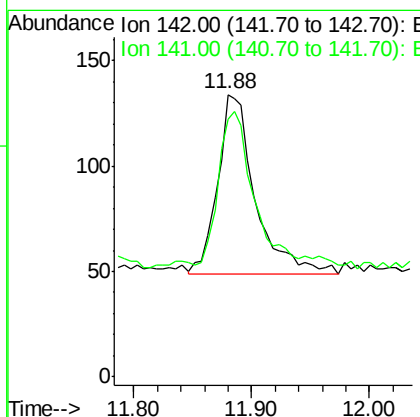
RT: 11.88 min Scan# 2592

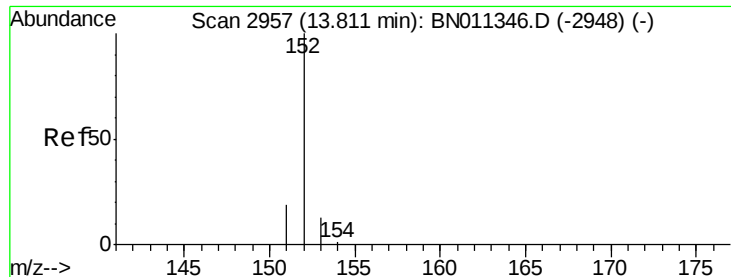
Delta R.T. -0.01 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Tgt Ion:	142	Resp:	187
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.8	109.2





#7

Acenaphthylene

Concen: 0.761 ng/ul

RT: 13.81 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

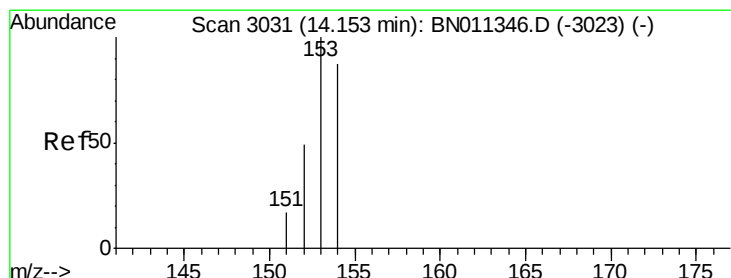
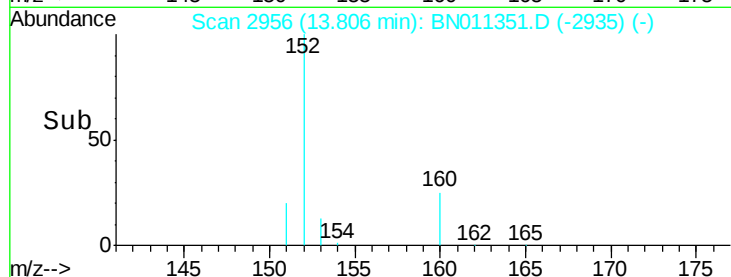
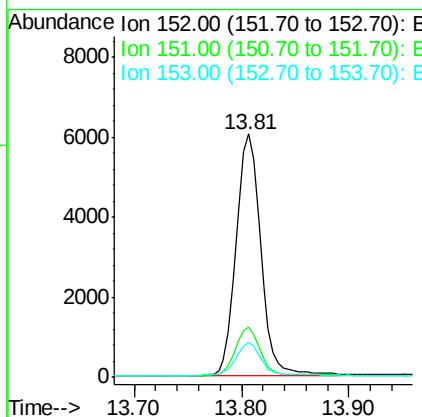
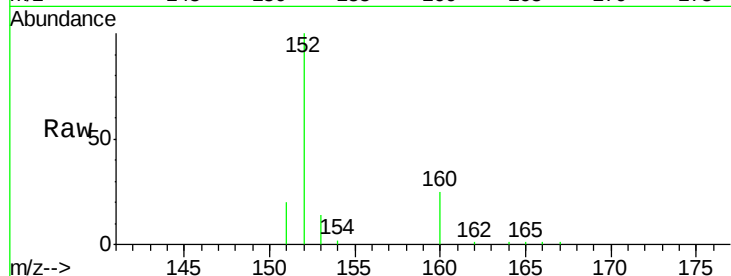
ClientSampleId :

C0AG7

Tgt Ion:	152	Resp:	9494
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	14.2	11.4	17.0

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#8

Acenaphthene

Concen: 0.046 ng/ul

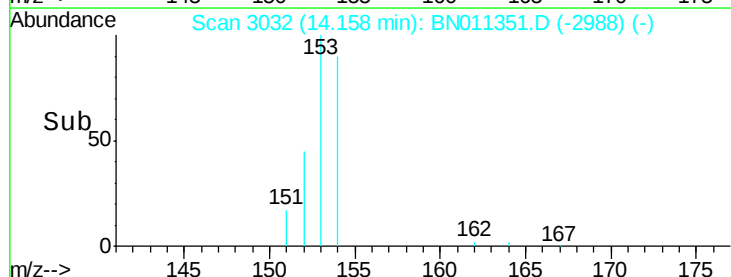
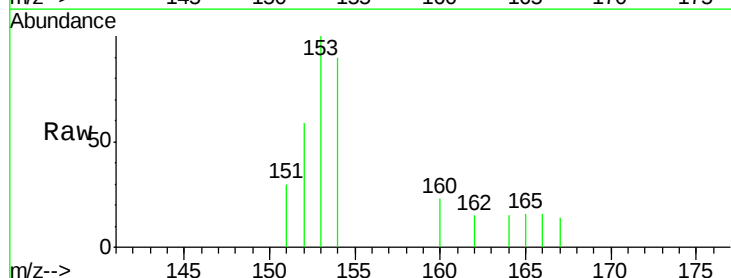
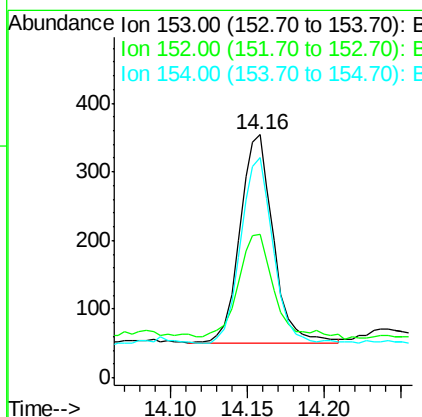
RT: 14.16 min Scan# 3032

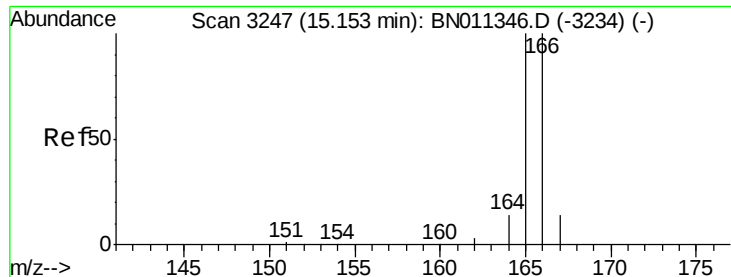
Delta R.T. 0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Tgt Ion:	153	Resp:	457
Ion Ratio	Lower	Upper	
153	100		
152	59.0	40.5	60.7
154	90.4	69.5	104.3





#9

Fluorene

Concen: 0.051 ng/ul

RT: 15.15 min Scan# 3247

Delta R.T. 0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

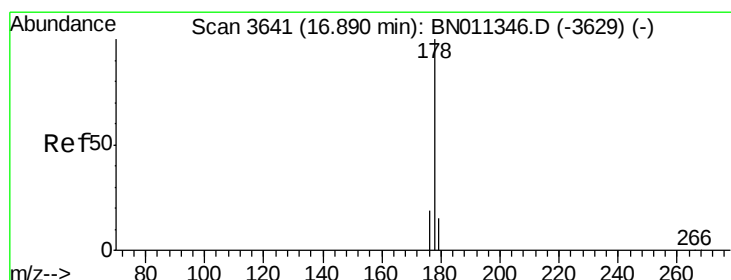
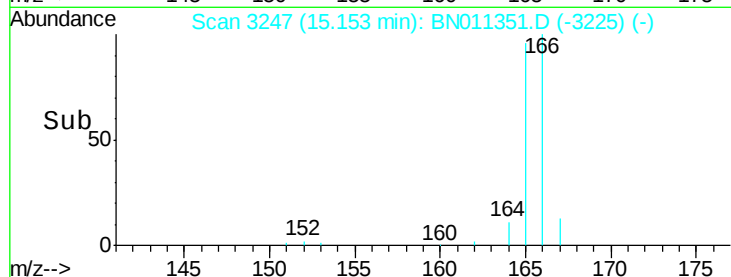
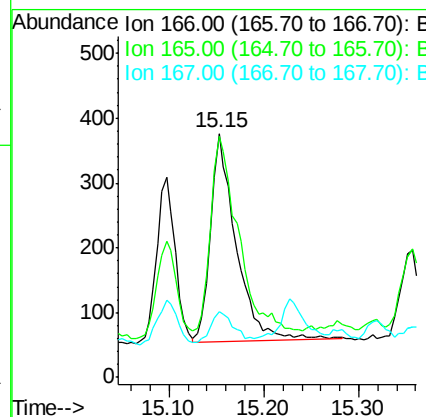
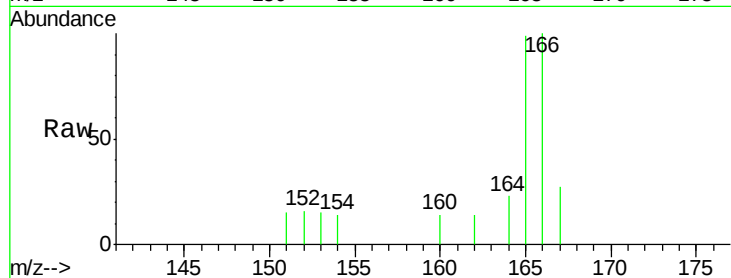
ClientSampleId :

C0AG7

Tgt Ion:	166	Resp:	593
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.8	118.2
167	26.9	12.1	18.1#

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#12

Phenanthrene

Concen: 0.710 ng/ul

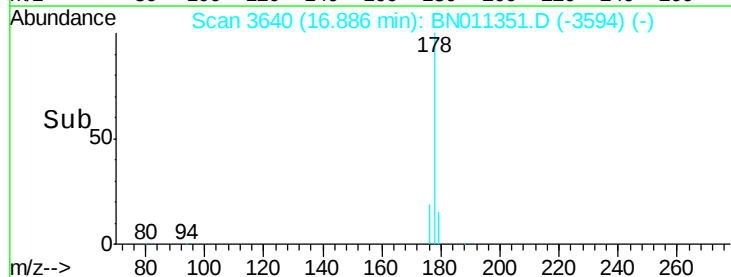
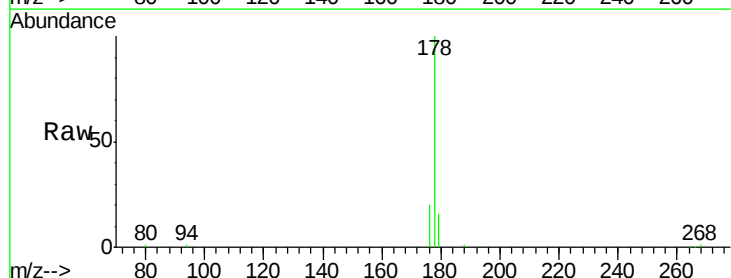
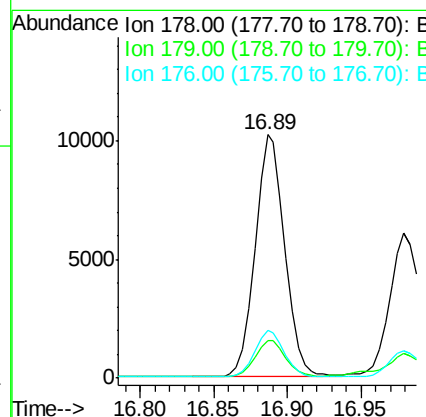
RT: 16.89 min Scan# 3640

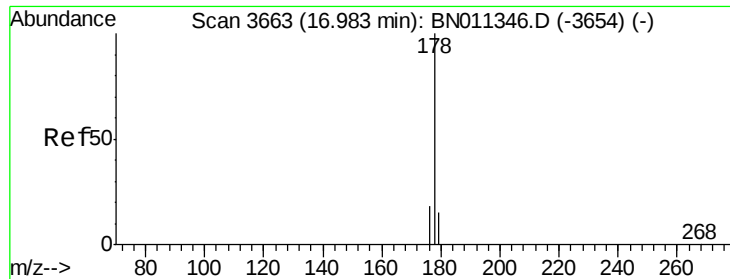
Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Tgt Ion:	178	Resp:	14196
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	19.6	15.7	23.5





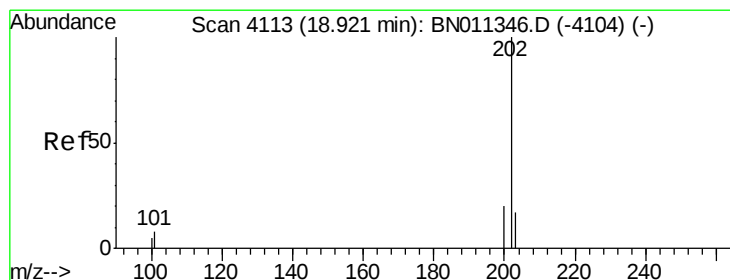
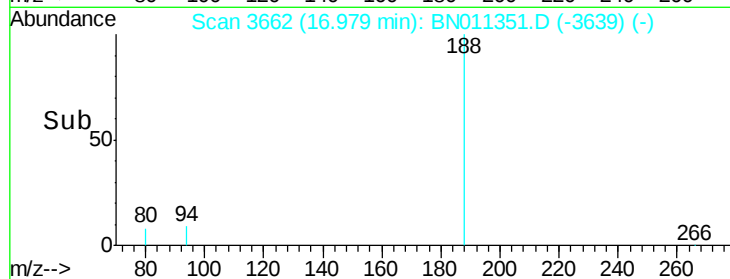
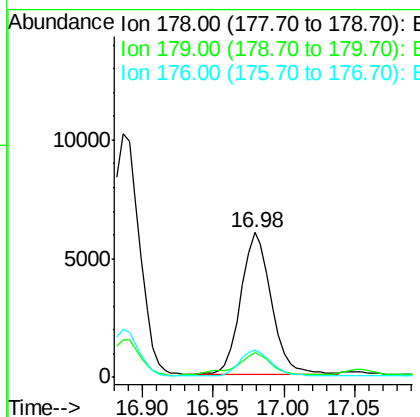
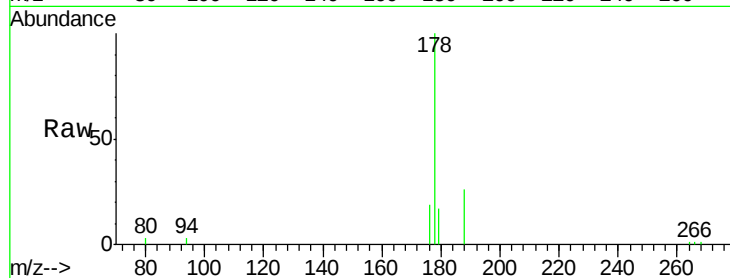
#13
 Anthracene
 Concen: 0.506 ng/ul
 RT: 16.98 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: BN011351.D
 Acq: 04 Aug 2020 03:14

Instrument :
 BNA_N
 ClientSampleId :
 C0AG7

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.1	19.7
176	19.0	14.8	22.2

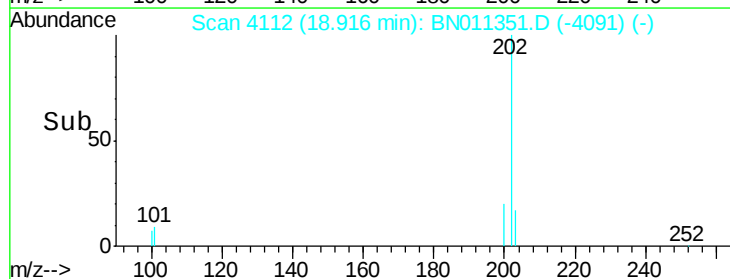
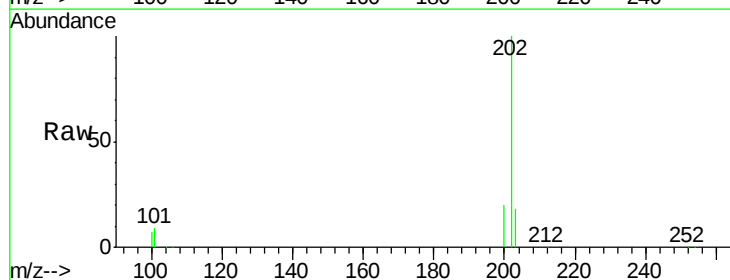
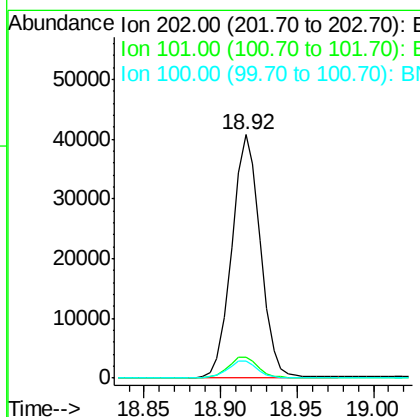
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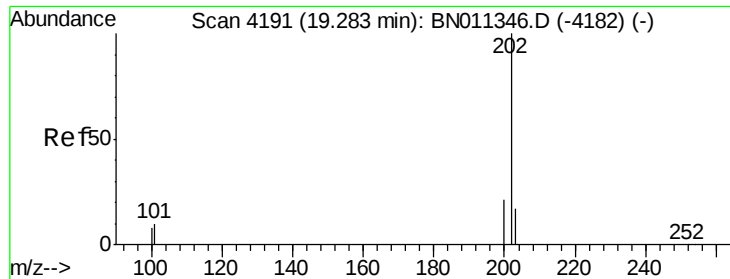
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#15
 Fluoranthene
 Concen: 2.137 ng/ul
 RT: 18.92 min Scan# 4112
 Delta R.T. -0.00 min
 Lab File: BN011351.D
 Acq: 04 Aug 2020 03:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.2
100	6.9	0.0	26.8





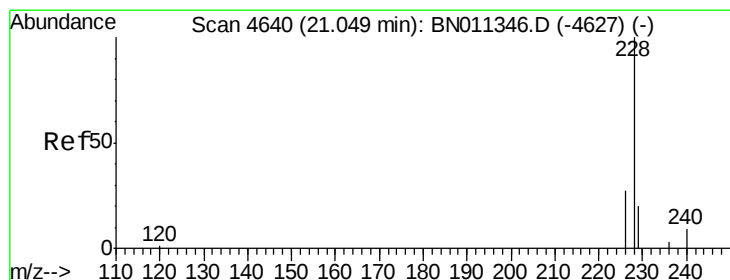
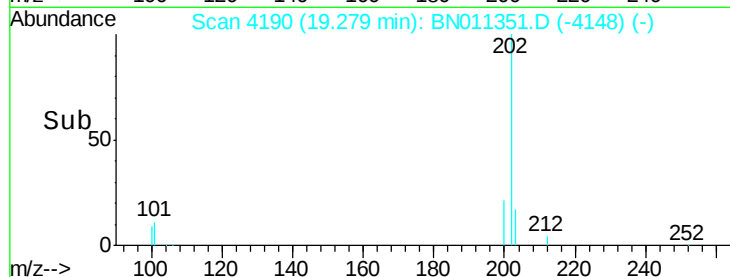
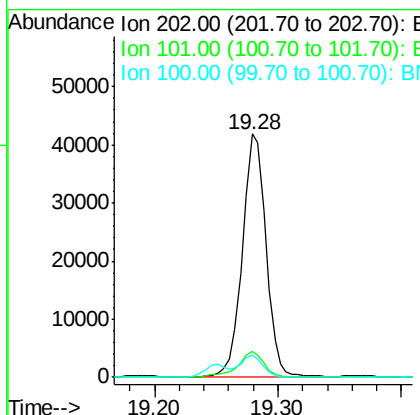
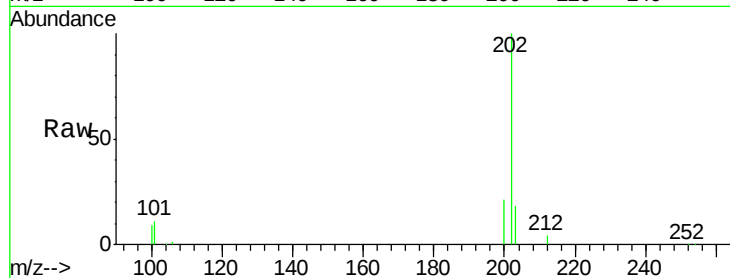
#17
 Pyrene
 Concen: 1.791 ng/ul
 RT: 19.28 min Scan# 4190
 Delta R.T. -0.00 min
 Lab File: BN011351.D
 Acq: 04 Aug 2020 03:14

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	8.5	12.7
100	9.0	7.1	10.7

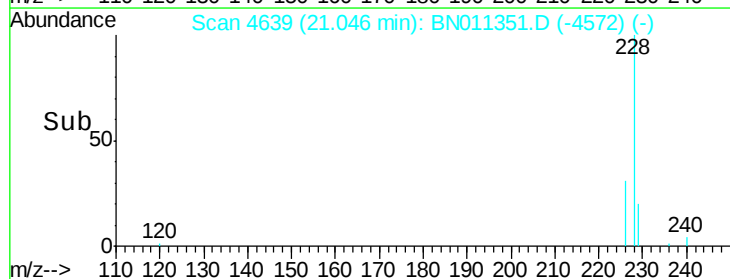
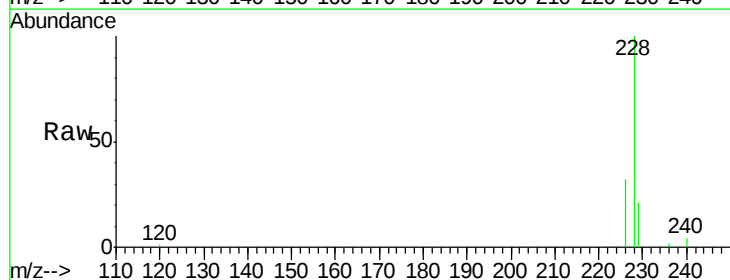
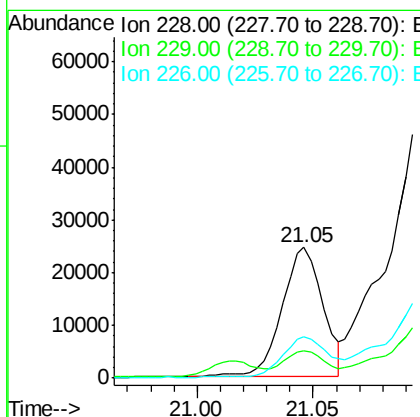
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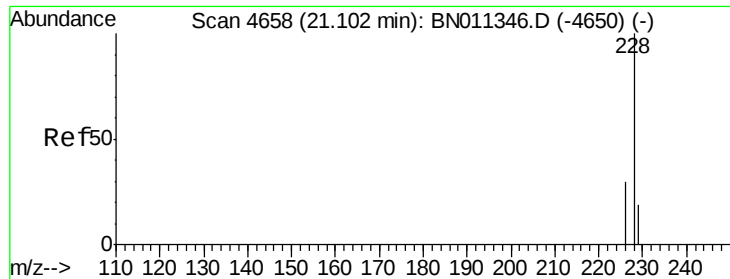
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#18
 Benzo(a)anthracene
 Concen: 1.137 ng/ul
 RT: 21.05 min Scan# 4639
 Delta R.T. -0.00 min
 Lab File: BN011351.D
 Acq: 04 Aug 2020 03:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	16.1	24.1
226	31.8	22.2	33.2





#19

Chrysene

Concen: 2.580 ng/ul

RT: 21.10 min Scan# 4656

Delta R.T. -0.01 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

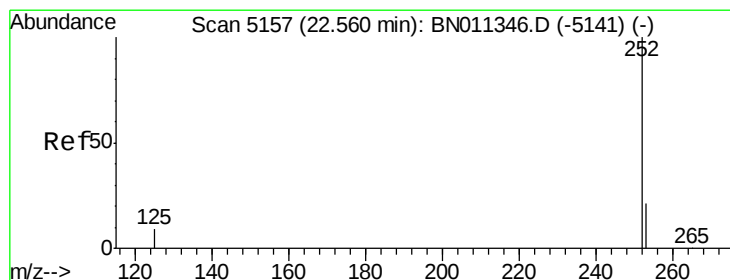
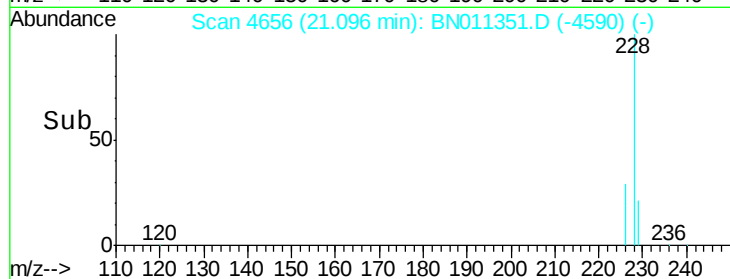
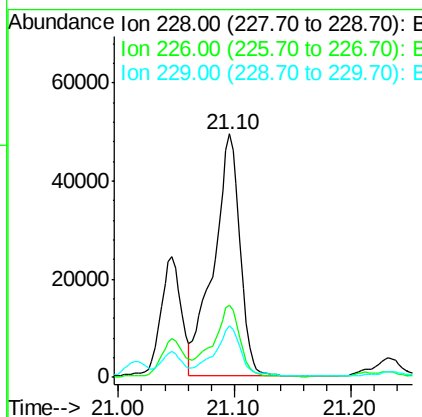
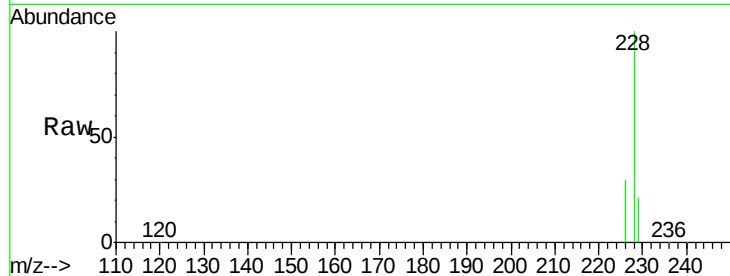
ClientSampleId :

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Tgt Ion:	228	Resp:	77398
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.5	36.7
229	21.1	15.8	23.6

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#21

Benzo(b)fluoranthene

Concen: 5.749 ng/ul m

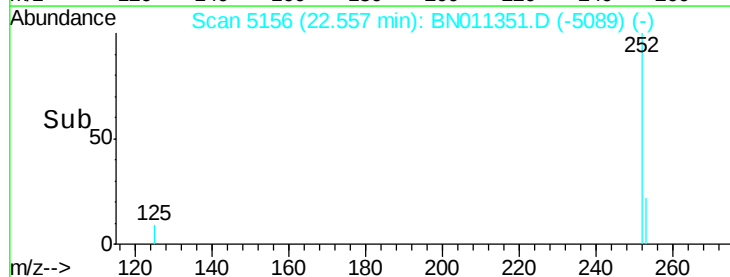
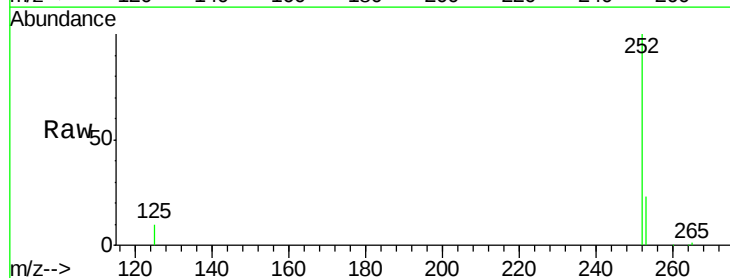
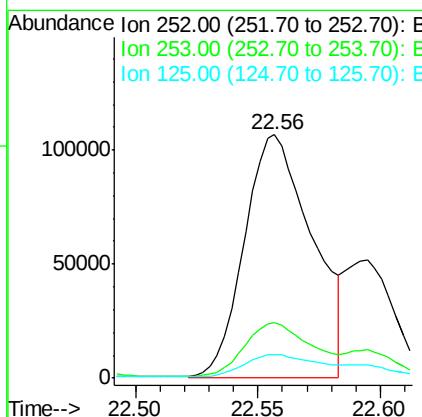
RT: 22.56 min Scan# 5156

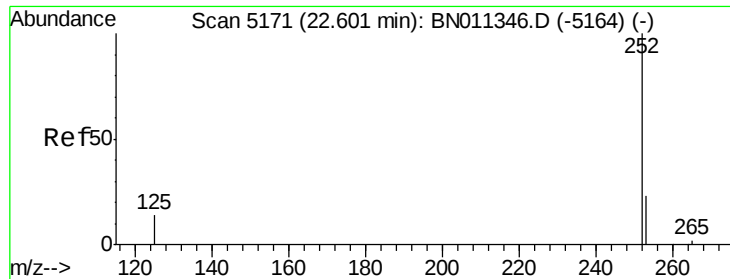
Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Tgt Ion:	252	Resp:	206899
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	51.8
125	9.8	0.0	24.2





#22

Benzo(k)fluoranthene

Concen: 1.757 ng/ul m

RT: 22.59 min Scan# 5169

Delta R.T. -0.01 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

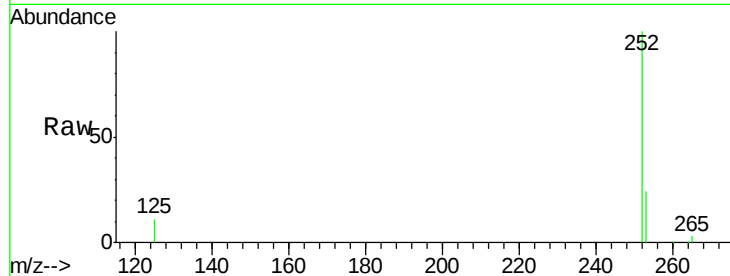
ClientSampleId :

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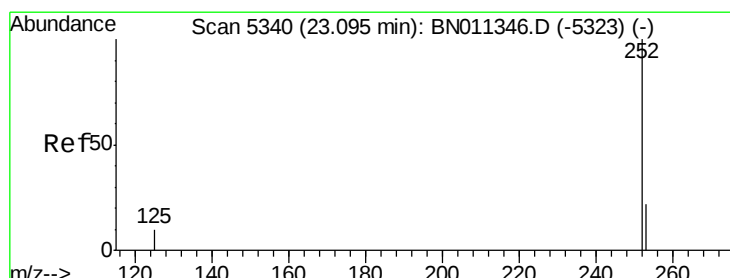
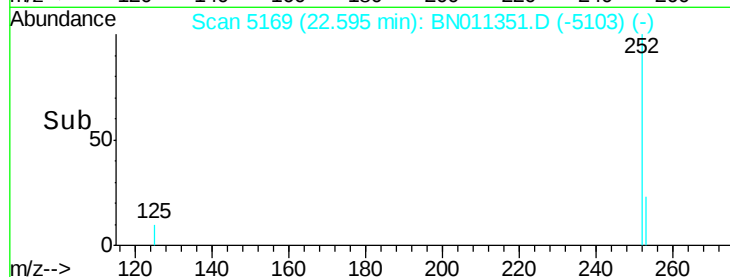
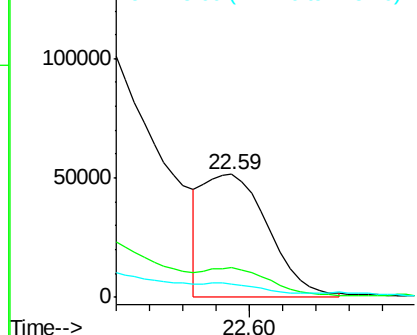
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.4	32.0
125	11.1	12.6	18.8#

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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: 3.050 ng/ul m

RT: 23.09 min Scan# 5337

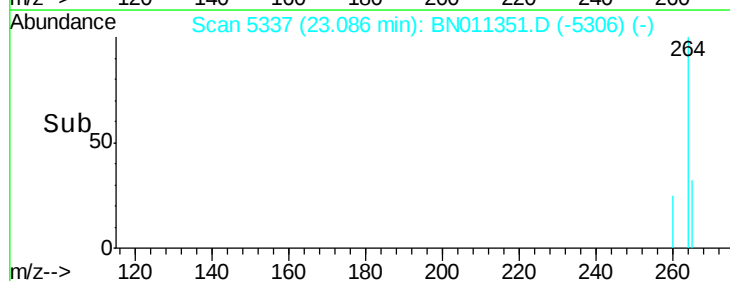
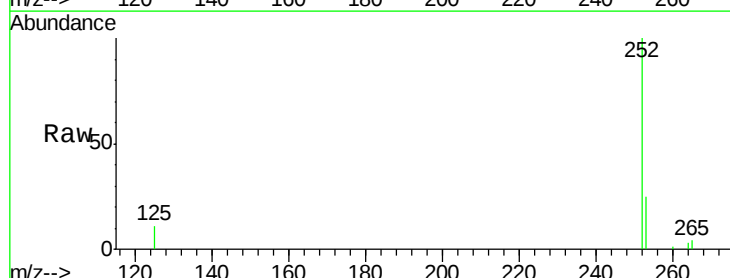
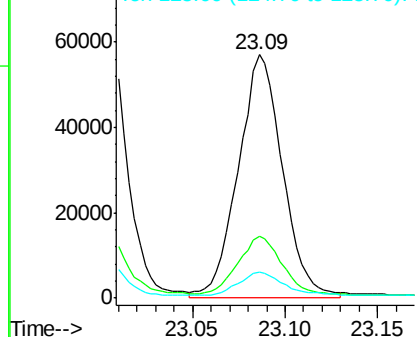
Delta R.T. -0.01 min

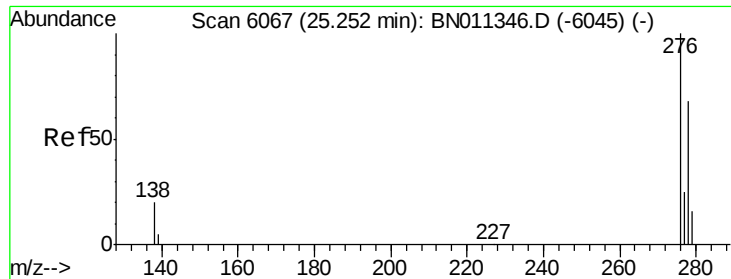
Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	22.6	34.0
125	10.8	12.6	18.8#

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





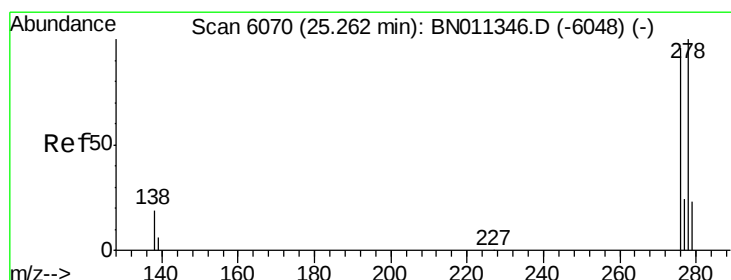
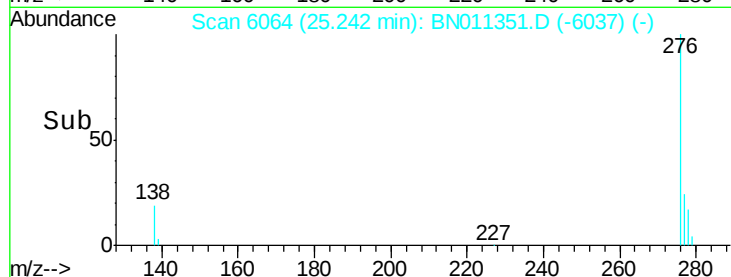
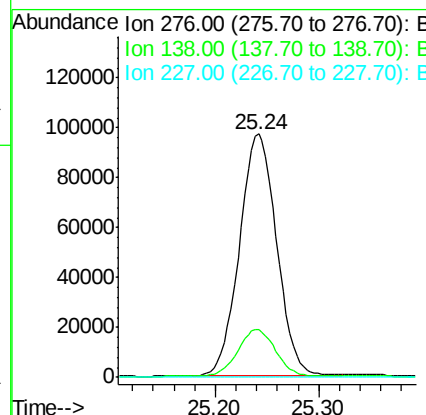
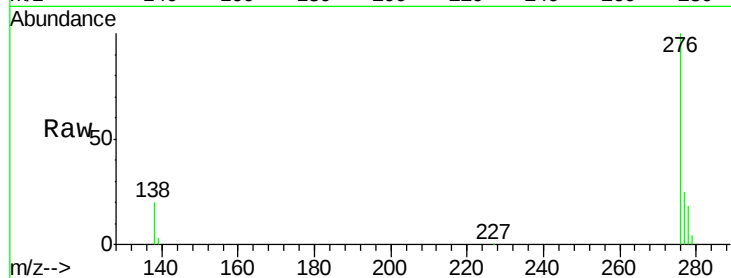
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 7.353 ng/ul
 RT: 25.24 min Scan# 6064
 Delta R.T. -0.01 min
 Lab File: BN011351.D
 Acq: 04 Aug 2020 03:14

Instrument :
 BNA_N
 ClientSampleId :
 C0AG7

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	241809		
138	19.5	18.1	27.1	
227	0.4	0.2	0.4	

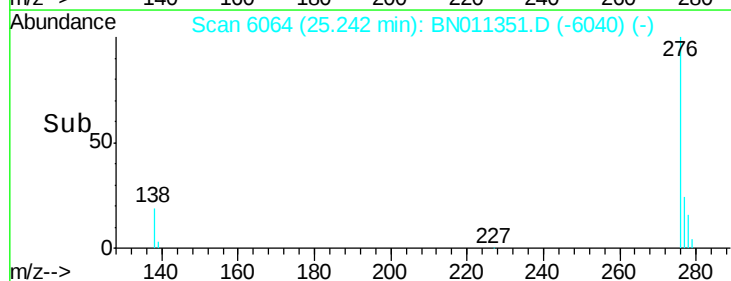
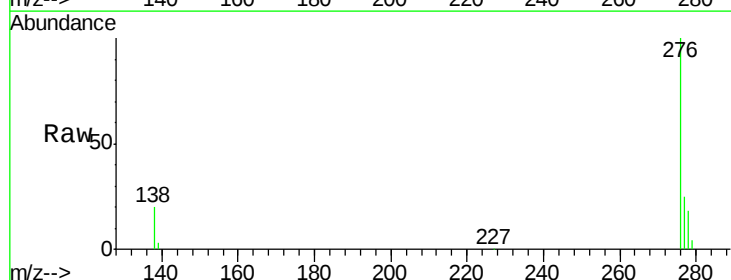
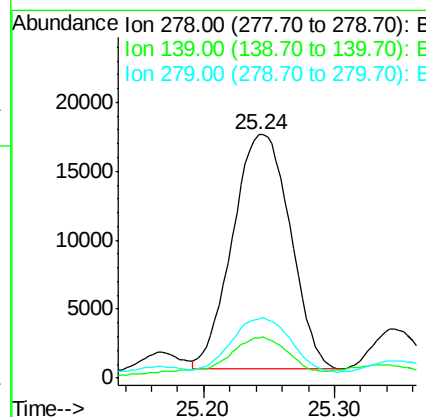
Manual Integrations
 APPROVED

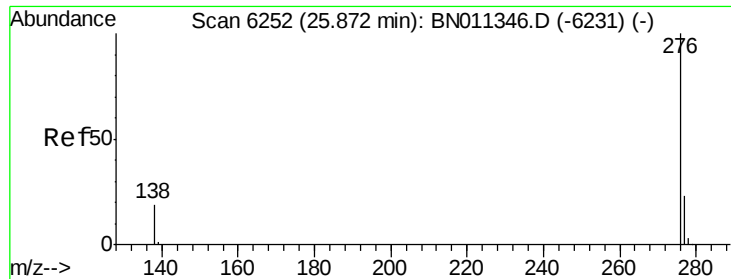
mohammad
 8/5/2020 10:28:10 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.992 ng/ul
 RT: 25.24 min Scan# 6064
 Delta R.T. -0.02 min
 Lab File: BN011351.D
 Acq: 04 Aug 2020 03:14

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	52158		
139	16.7	14.0	21.0	
279	24.6	22.9	34.3	





#26

Benzo(g,h,i)perylene

Concen: 14.630 ng/ul

RT: 25.87 min Scan# 6252

Delta R.T. 0.00 min

Lab File: BN011351.D

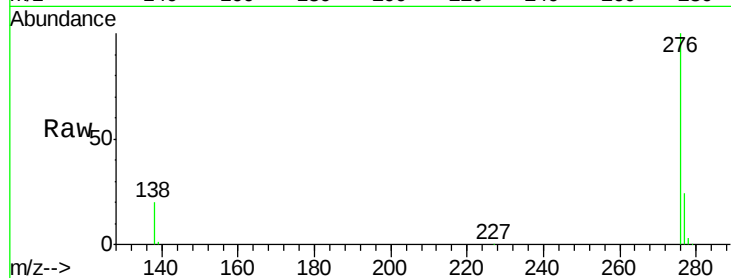
Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7



Tgt Ion: 276 Resp: 434697

Ion Ratio Lower Upper

276 100

138 20.3 16.4 24.6

277 24.1 20.2 30.4

Manual Integrations
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mohammad
8/5/2020 10:28:10 AM

