

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012919.D
 Acq On : 06 Dec 2020 16:05
 Operator : CG/JU
 Sample : L4859-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B93

Manual Integrations
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mohammad
 12/7/2020 2:11:39 PM

Quant Time: Dec 07 03:22:16 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 03:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1768	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7376	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4260	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	9333	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	7723	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	7175	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1624	0.15	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	3900	0.15	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	1042	0.049	ng/ul	96
5) 2-Methylnaphthalene	11.84	142	652	0.047	ng/ul	99
7) Acenaphthylene	13.77	152	1370	0.068	ng/ul	96
8) Acenaphthene	14.12	153	635	0.038	ng/ul	95
9) Fluorene	15.12	166	769	0.041	ng/ul#	96
12) Phenanthrene	16.85	178	24014	0.767	ng/ul	97
13) Anthracene	16.95	178	3823	0.144	ng/ul	98
15) Fluoranthene	18.88	202	68657	1.846	ng/ul	99
17) Pyrene	19.25	202	60874	1.669	ng/ul	98
18) Benzo(a)anthracene	21.02	228	29483	0.923	ng/ul	98
19) Chrysene	21.07	228	34843	0.987	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	47044m	1.417	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	17231m	0.470	ng/ul	
23) Benzo(a)pyrene	23.04	252	28555	0.927	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.19	276	19181	0.474	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	4670	0.146	ng/ul#	95
26) Benzo(a,h,i)perylene	25.82	276	17081	0.467	ng/ul	97

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

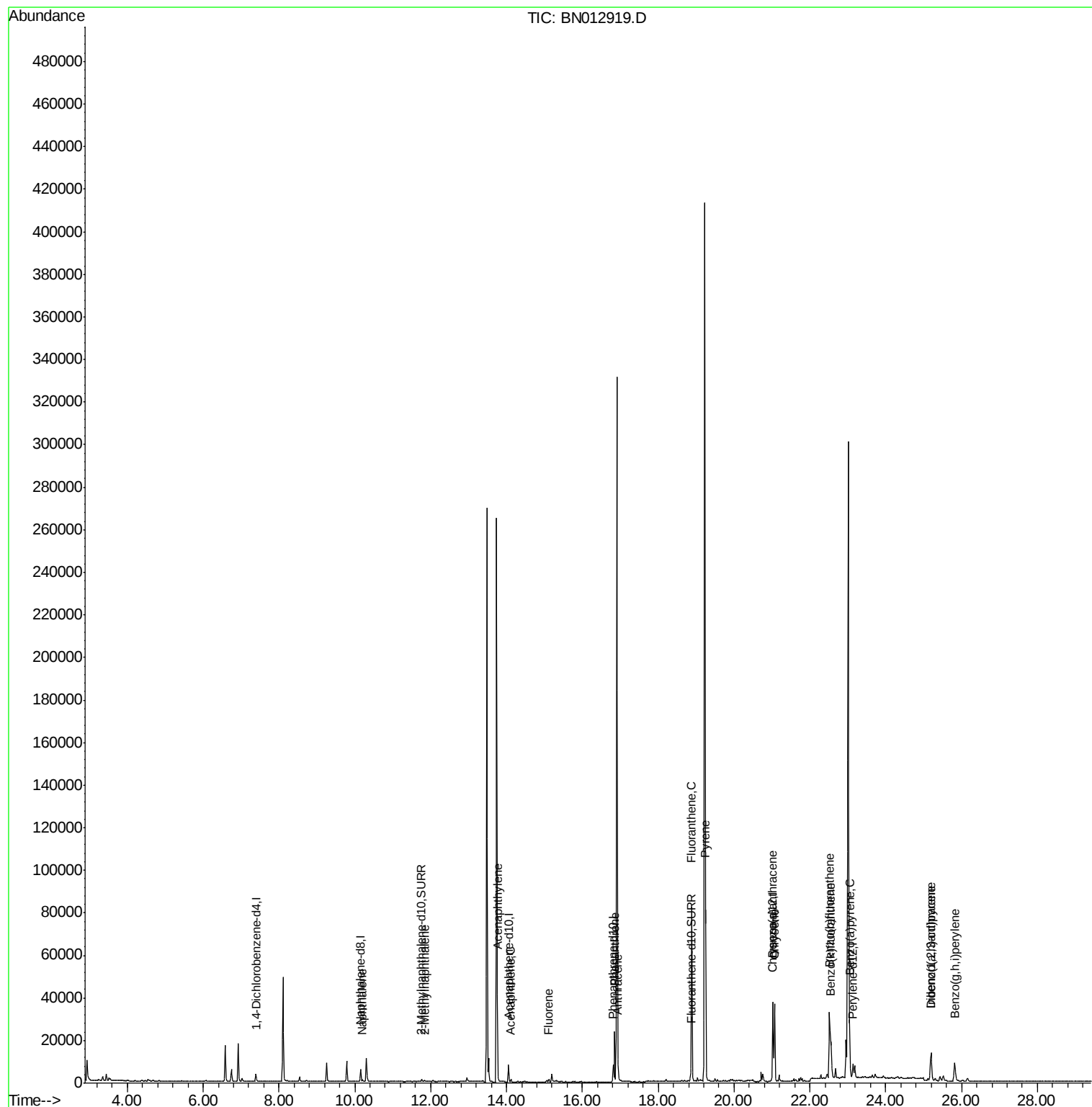
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012919.D
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Operator : CG/JU
Sample : L4859-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

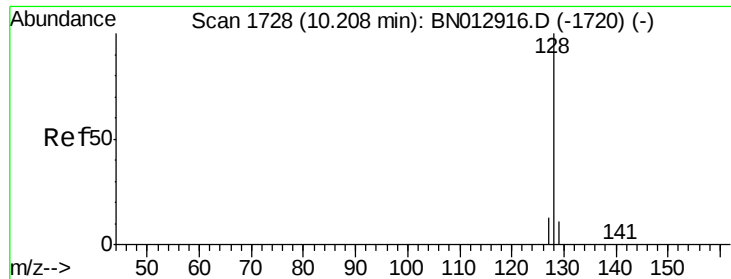
Instrument :
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Quant Time: Dec 07 03:22:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.049 ng/ul

RT: 10.20 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Instrument :

BNA_N

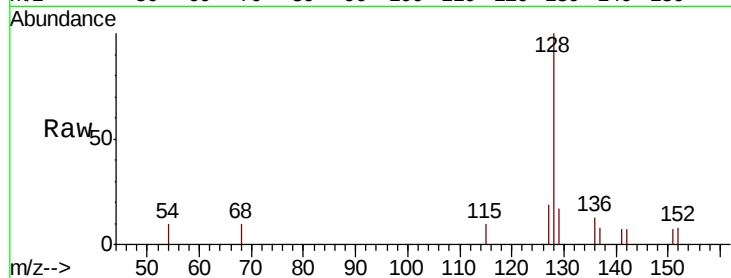
ClientSampleId :

C0B93

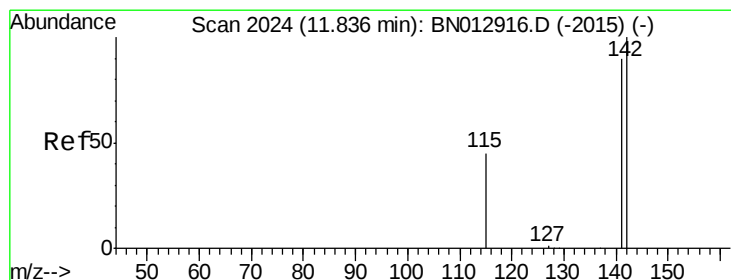
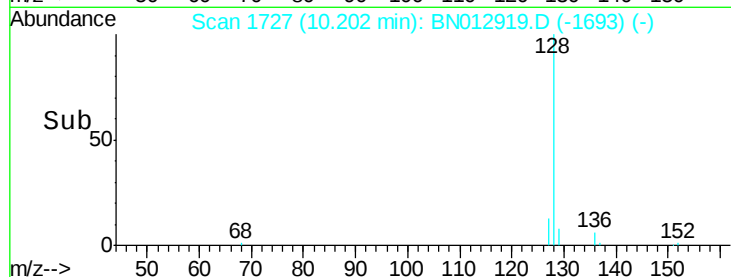
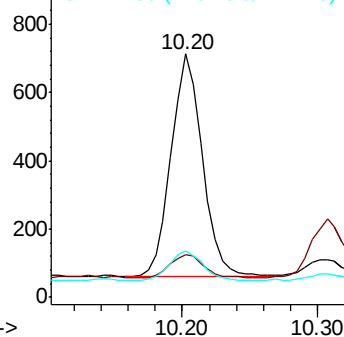
Tot Ion:	128	Resp:	1042
Ion Ratio	Lower	Upper	
128	100		
129	17.4	12.3	18.5
127	19.1	14.2	21.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.047 ng/ul

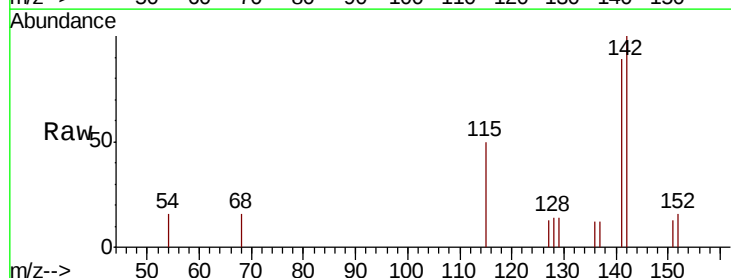
RT: 11.84 min Scan# 2024

Delta R.T. -0.01 min

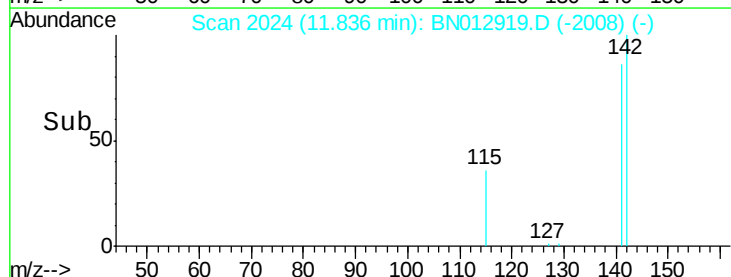
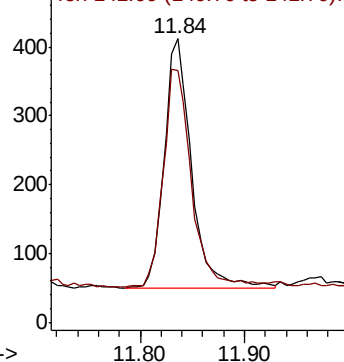
Lab File: BN012919.D

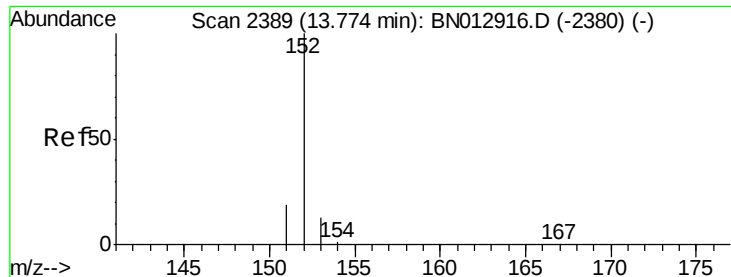
Acq: 06 Dec 2020 16:05

Tgt Ion:	142	Resp:	652
Ion Ratio	Lower	Upper	
142	100		
141	90.8	73.0	109.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.068 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Instrument :

BNA_N

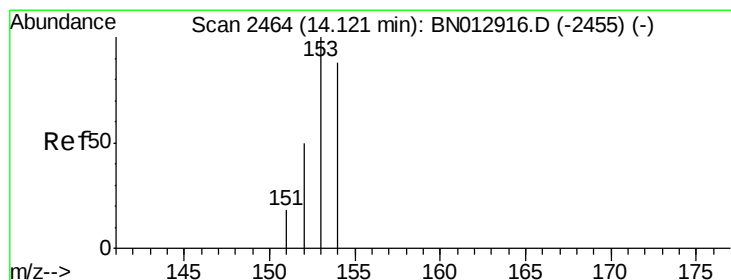
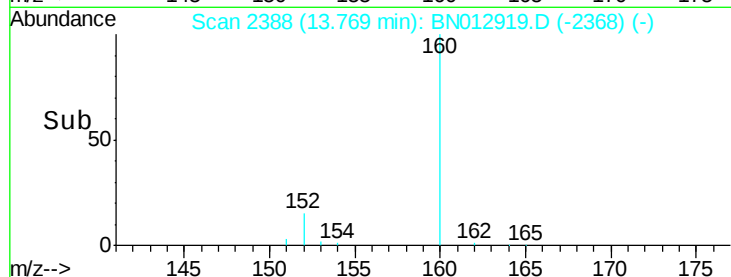
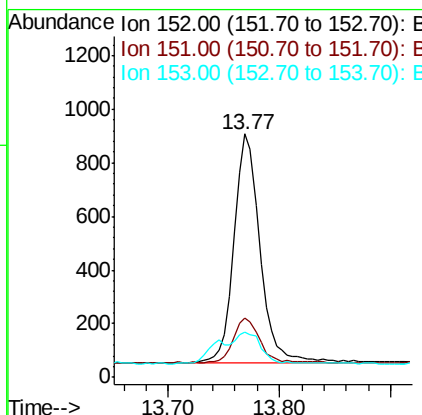
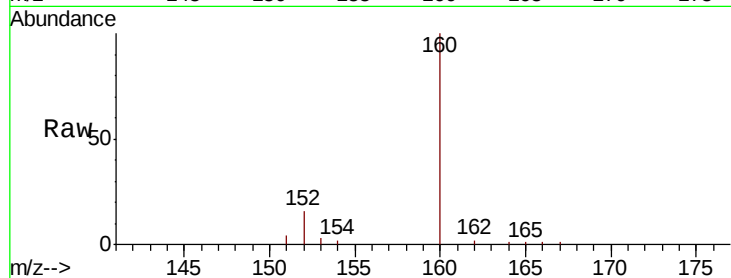
ClientSampleId :

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Tot Ion:	152	Resp:	1370
Ion Ratio	Lower	Upper	
152	100		
151	24.2	18.2	27.4
153	18.7	13.1	19.7

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#8

Acenaphthene

Concen: 0.038 ng/ul

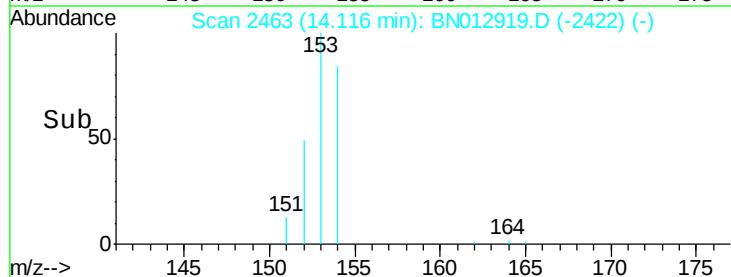
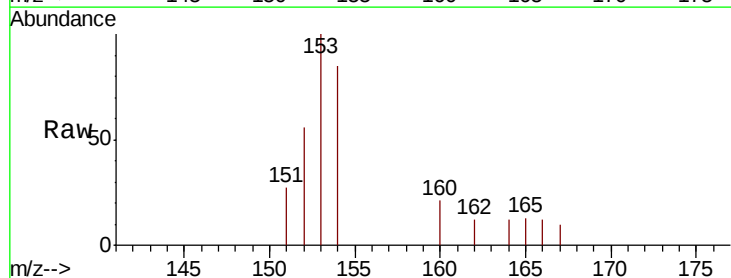
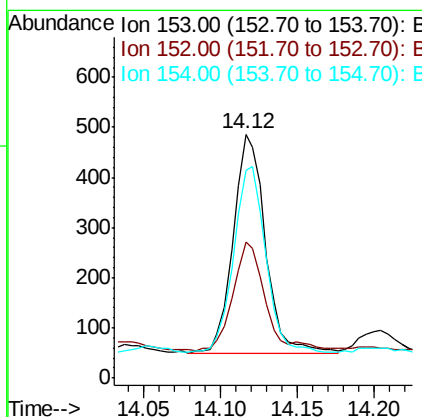
RT: 14.12 min Scan# 2463

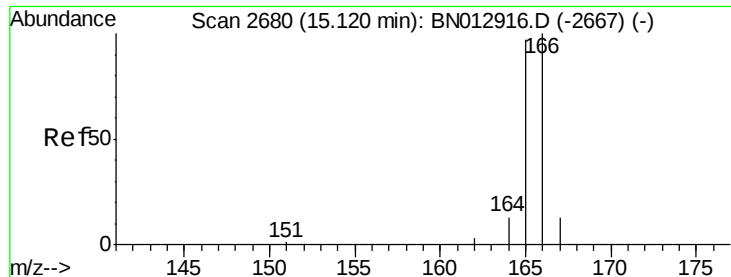
Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Tgt Ion:	153	Resp:	635
Ion Ratio	Lower	Upper	
153	100		
152	55.6	40.7	61.1
154	85.2	70.8	106.2





#9

Fluorene

Concen: 0.041 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Instrument :

BNA_N

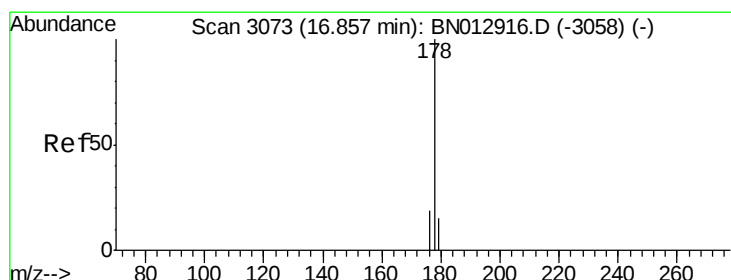
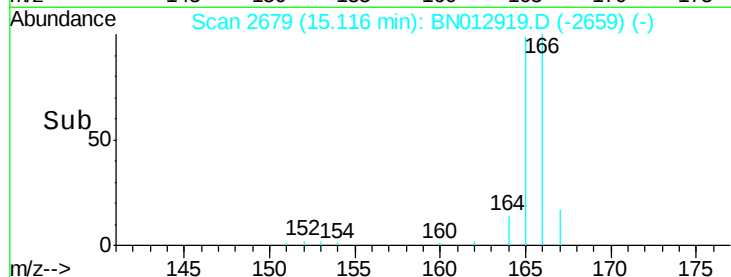
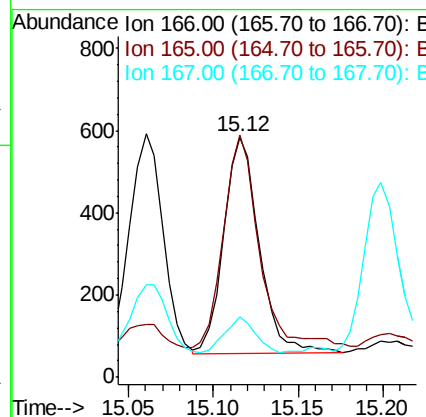
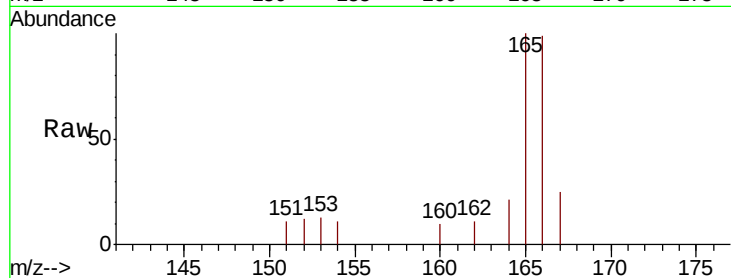
ClientSampleId :

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Tot Ion:	166	Resp:	769
Ion Ratio	Lower	Upper	
166	100		
165	101.0	79.8	119.8
167	25.0	13.8	20.8

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#12

Phenanthrene

Concen: 0.767 ng/ul

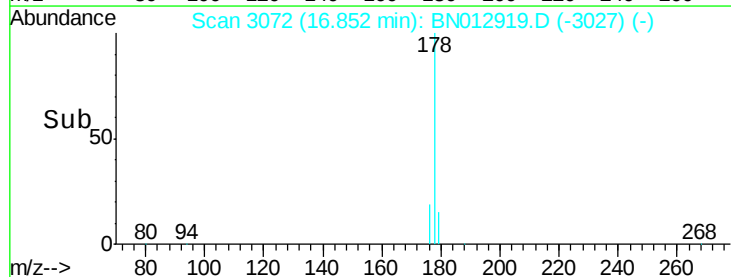
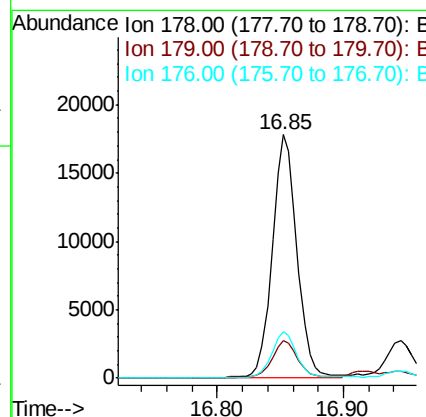
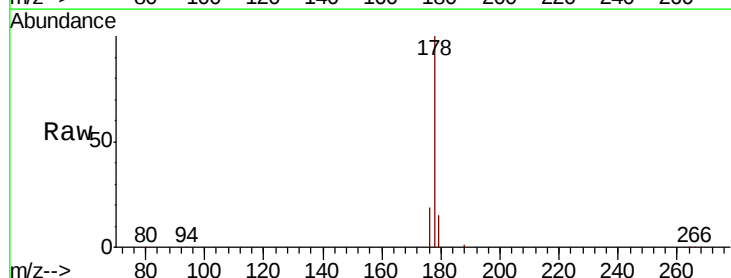
RT: 16.85 min Scan# 3072

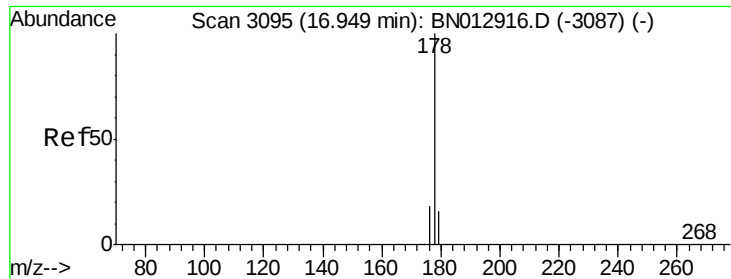
Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Tgt Ion:	178	Resp:	24014
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.6	20.4
176	19.1	16.4	24.6





#13

Anthracene

Concen: 0.144 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Instrument :

BNA_N

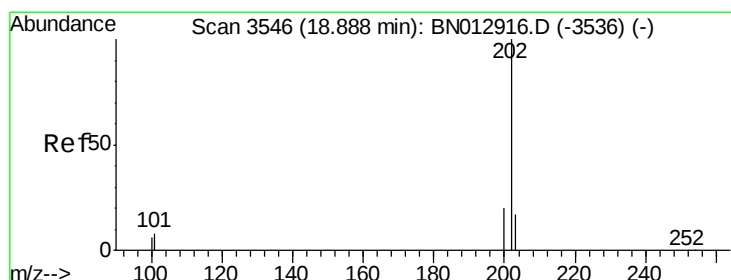
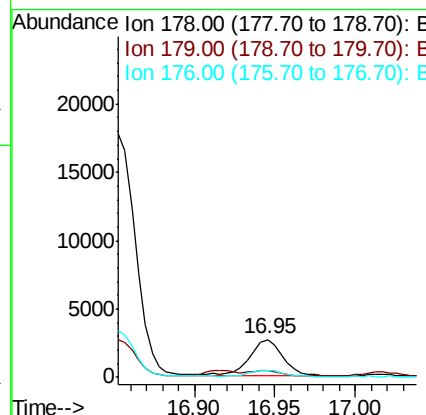
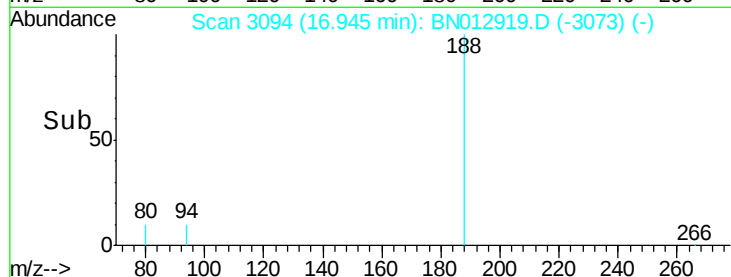
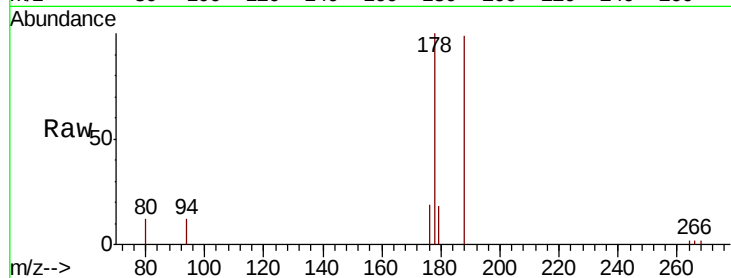
ClientSampleId :

C0B93

Tot Ion:	178	Resp:	3823
Ion Ratio	Lower	Upper	
178	100		
179	18.1	14.6	21.8
176	19.5	17.1	25.7

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#15

Fluoranthene

Concen: 1.846 ng/ul

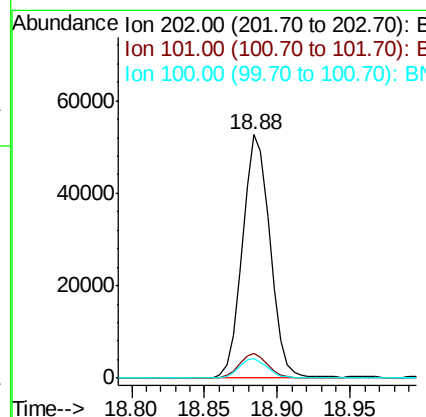
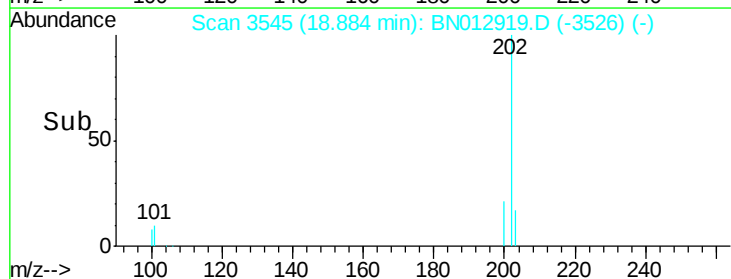
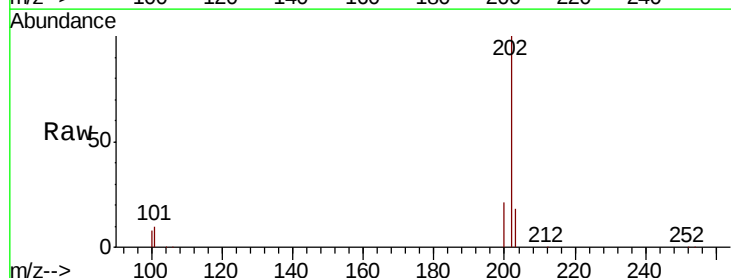
RT: 18.88 min Scan# 3545

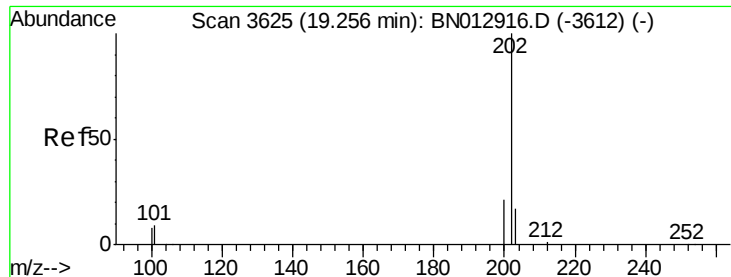
Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Tgt Ion:	202	Resp:	68657
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.6
100	8.0	0.0	28.7





#17

Pvrene

Concen: 1.669 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Instrument :

BNA_N

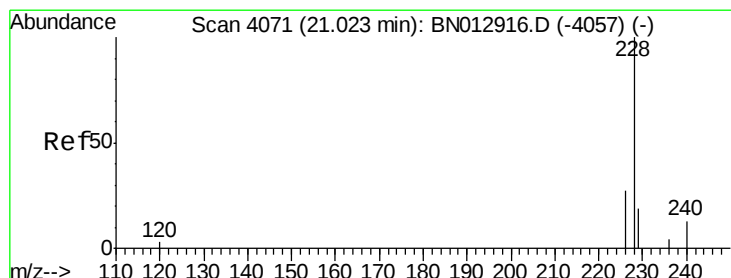
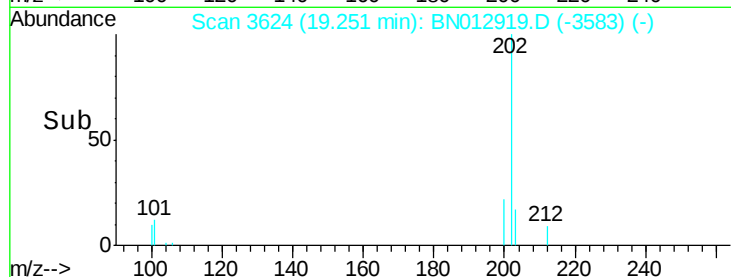
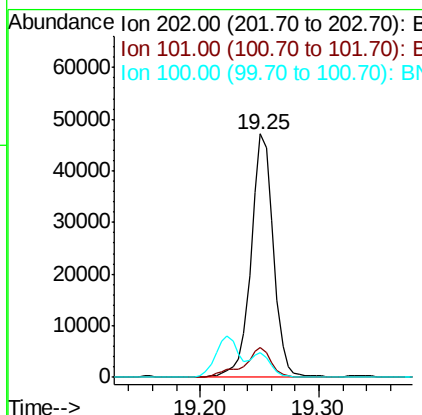
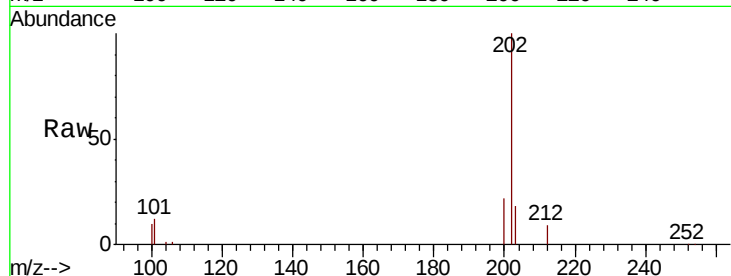
ClientSampleId :

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Tot Ion:	202	Resp:	60874
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.1	13.7
100	10.2	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.923 ng/ul

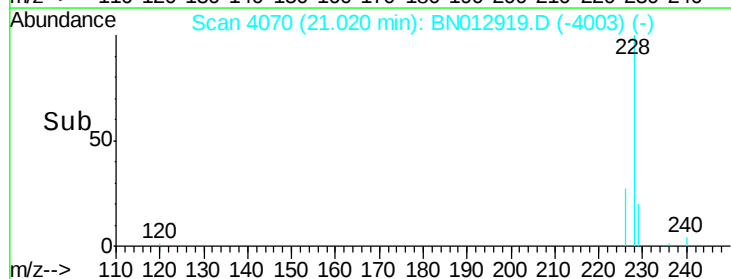
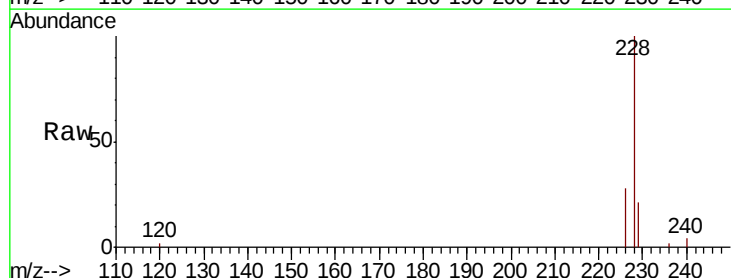
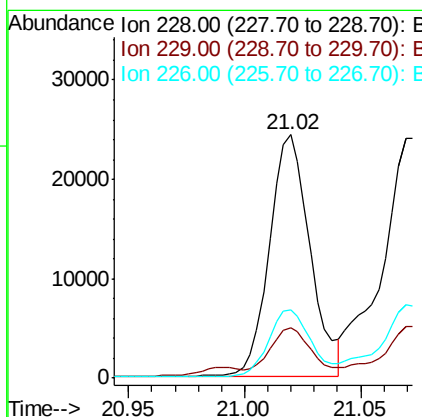
RT: 21.02 min Scan# 4070

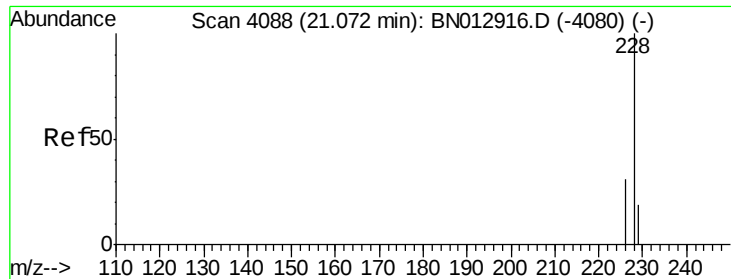
Delta R.T. -0.00 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Tgt Ion:	228	Resp:	29483
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.3	24.5
226	27.8	23.4	35.2





#19

Chrysene

Concen: 0.987 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:228 Resp: 34843

Ion Ratio Lower Upper

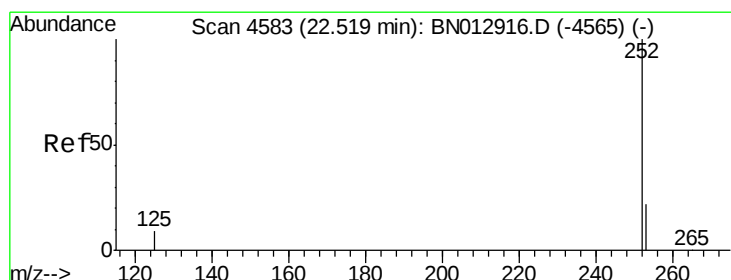
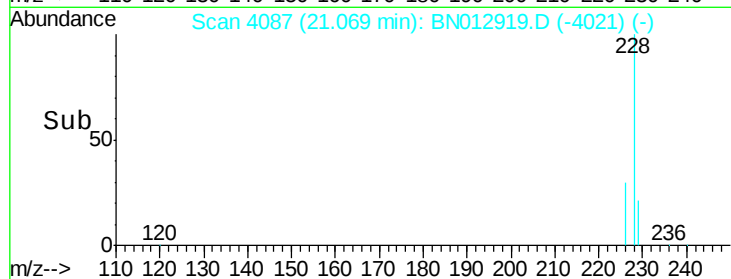
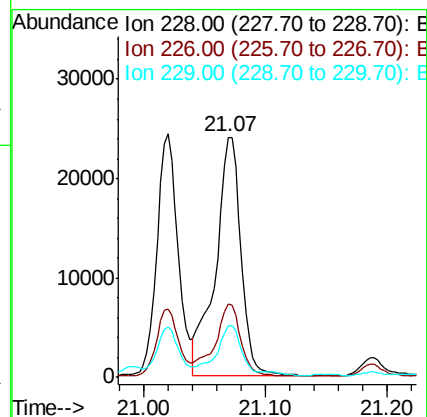
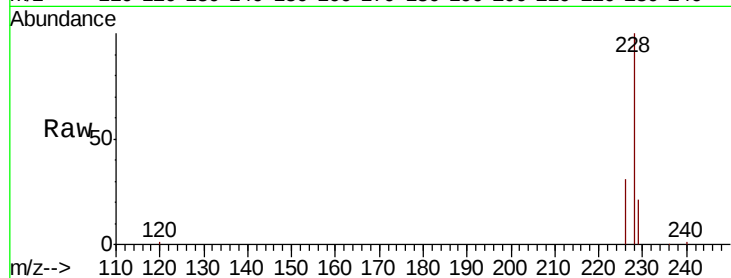
228 100

226 30.6 25.0 37.6

229 21.4 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 1.417 ng/ul m

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012919.D

Acq: 06 Dec 2020 16:05

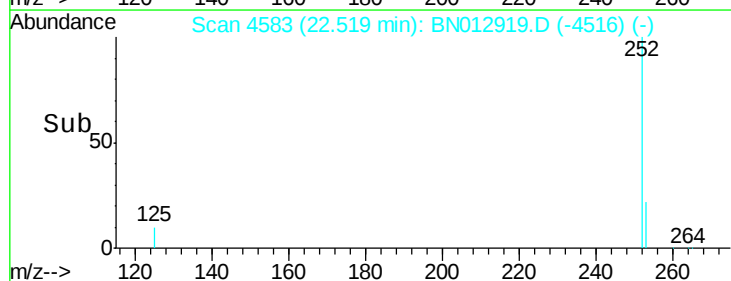
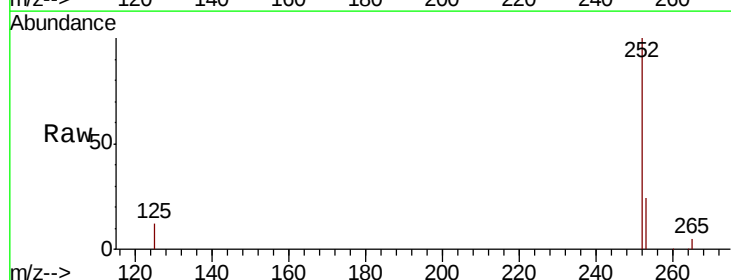
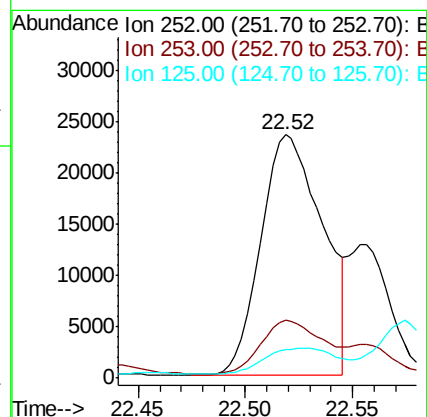
Tgt Ion:252 Resp: 47044

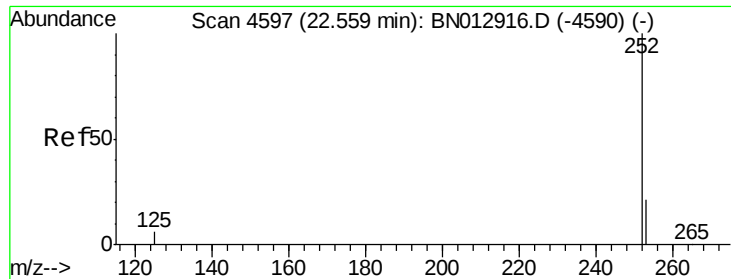
Ion Ratio Lower Upper

252 100

253 23.9 0.0 59.6

125 11.8 0.0 26.0





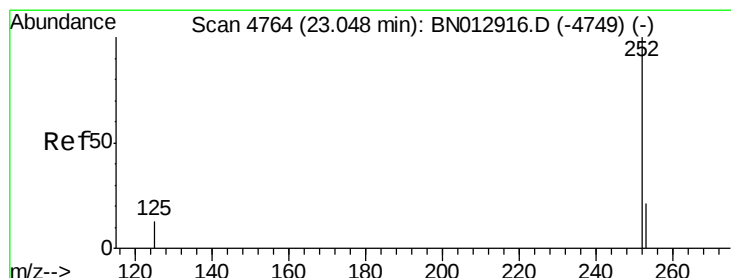
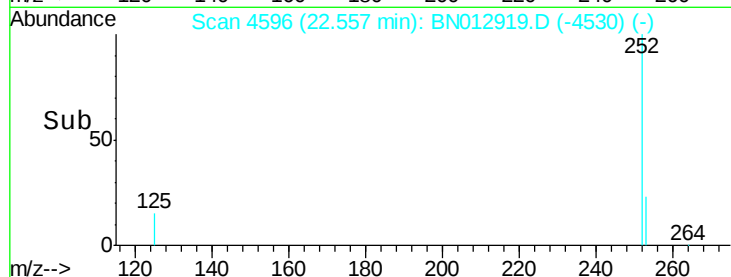
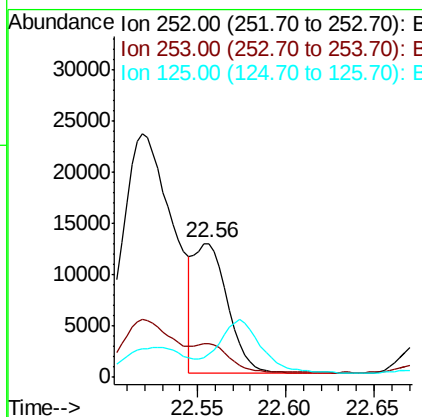
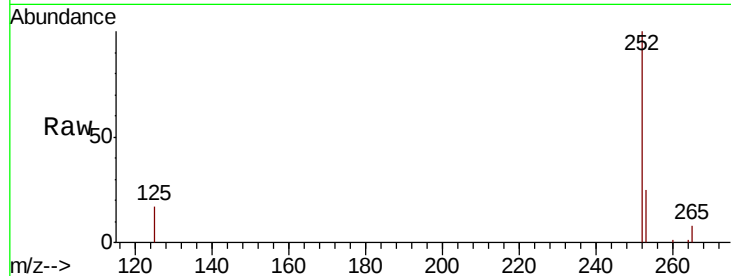
#22
Benzo(k)fluoranthene
Concen: 0.470 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BN012919.D
Acq: 06 Dec 2020 16:05

Instrument :
BNA_N
ClientSampleId :
C0B93

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	23.4	35.2
125	17.3	11.1	16.7#

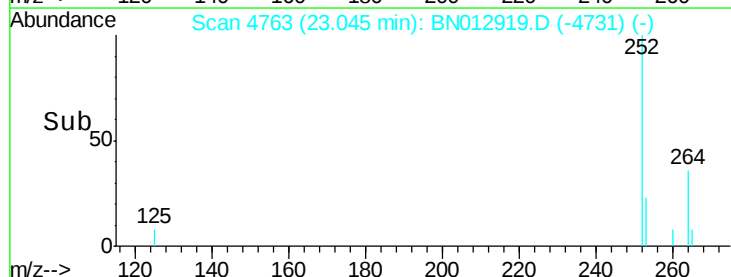
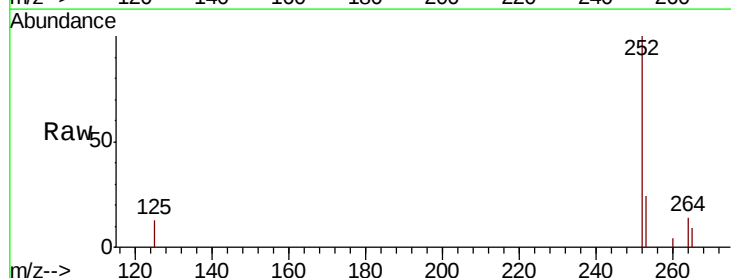
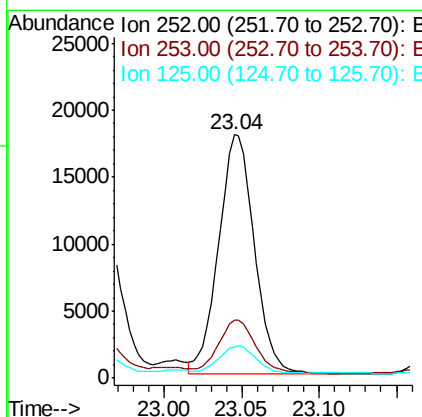
Manual Integrations
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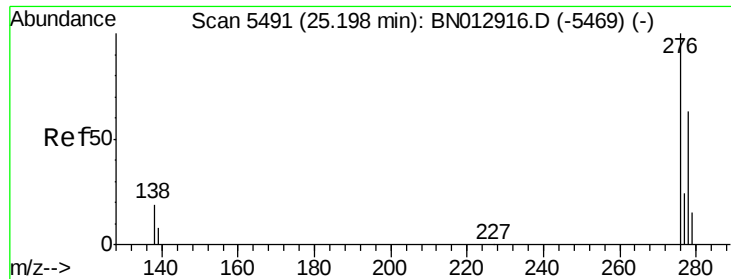
mohammad
12/7/2020 2:11:39 PM



#23
Benzo(a)pyrene
Concen: 0.927 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.01 min
Lab File: BN012919.D
Acq: 06 Dec 2020 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	26.5	39.7#
125	13.0	14.2	21.2#





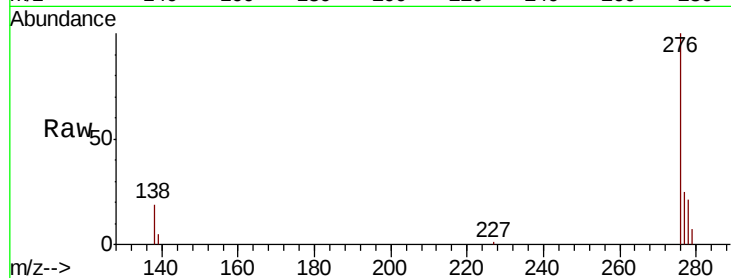
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.474 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012919.D
Acq: 06 Dec 2020 16:05

Instrument :
BNA_N
ClientSampleId :
C0B93

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.2	24.2
227	0.0	0.0	0.0

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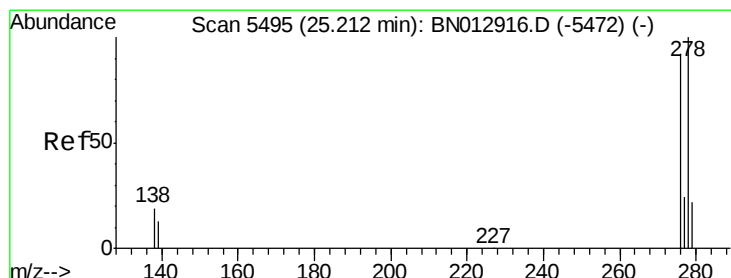
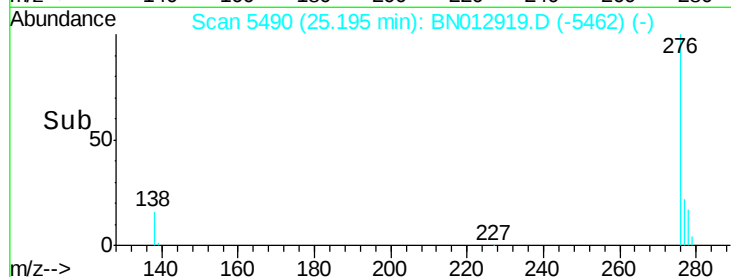
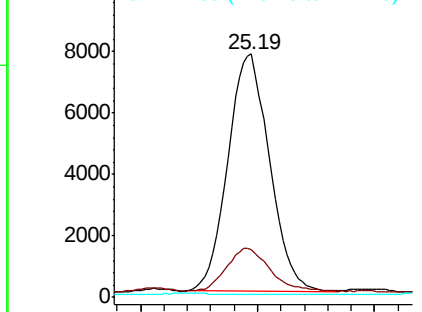


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.146 ng/ul
RT: 25.20 min Scan# 5491
Delta R.T. -0.02 min
Lab File: BN012919.D
Acq: 06 Dec 2020 16:05

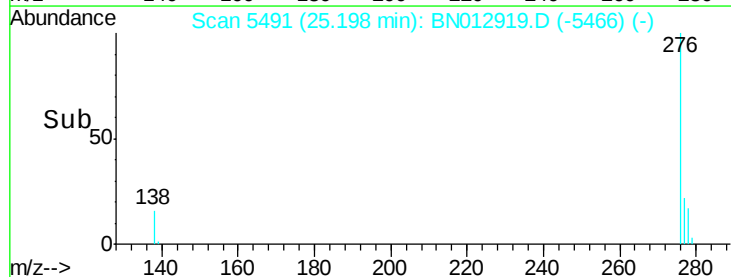
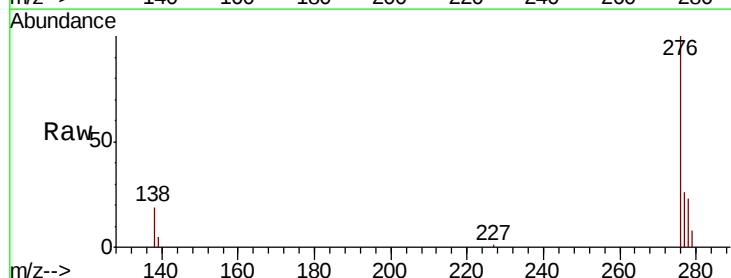
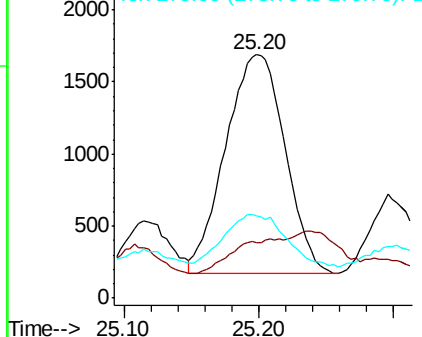
Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	14.5	21.7#
279	33.8	26.3	39.5

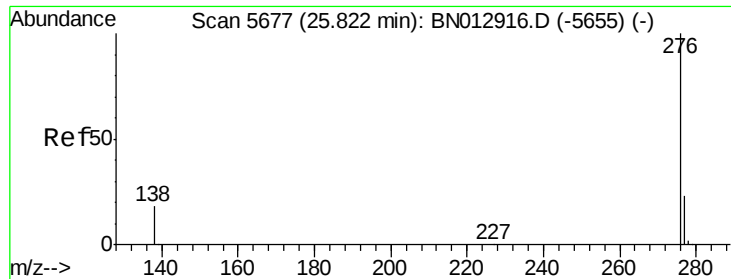
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 0.467 ng/ul
 RT: 25.82 min Scan# 5676
 Delta R.T. -0.01 min
 Lab File: BN012919.D
 Acq: 06 Dec 2020 16:05

Instrument :
 BNA_N
 ClientSampleId :
 C0B93

Tot Ion:	276	Resp:	17081
Ion Ratio	Lower	Upper	
276	100		
138	21.4	16.3	24.5
277	25.4	21.8	32.6

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