

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012924.D
 Acq On : 06 Dec 2020 19:05
 Operator : CG/JU
 Sample : L4864-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B00

Manual Integrations
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Quant Time: Dec 07 03:51:20 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 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	2044	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	8531	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4722	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	9968	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	7697	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6837	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1573	0.12	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	3520	0.13	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	794	0.032	ng/ul#	93
5) 2-Methylnaphthalene	11.84	142	358	0.022	ng/ul	95
7) Acenaphthylene	13.77	152	589	0.026	ng/ul#	82
8) Acenaphthene	14.12	153	831	0.045	ng/ul	96
9) Fluorene	15.12	166	942	0.045	ng/ul#	97
12) Phenanthrene	16.85	178	15282	0.457	ng/ul	97
13) Anthracene	16.95	178	3136	0.110	ng/ul	98
15) Fluoranthene	18.89	202	21239	0.535	ng/ul	98
17) Pyrene	19.25	202	18508	0.509	ng/ul	96
18) Benzo(a)anthracene	21.02	228	8901	0.280	ng/ul	99
19) Chrysene	21.07	228	8644	0.246	ng/ul	97
21) Benzo(b)fluoranthene	22.52	252	10867m	0.344	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	4077m	0.117	ng/ul	
23) Benzo(a)pyrene	23.05	252	7100	0.242	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	4232	0.110	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.20	278	1102	0.036	ng/ul#	38
26) Benzo(a,h,i)perylene	25.82	276	4038	0.116	ng/ul#	91

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

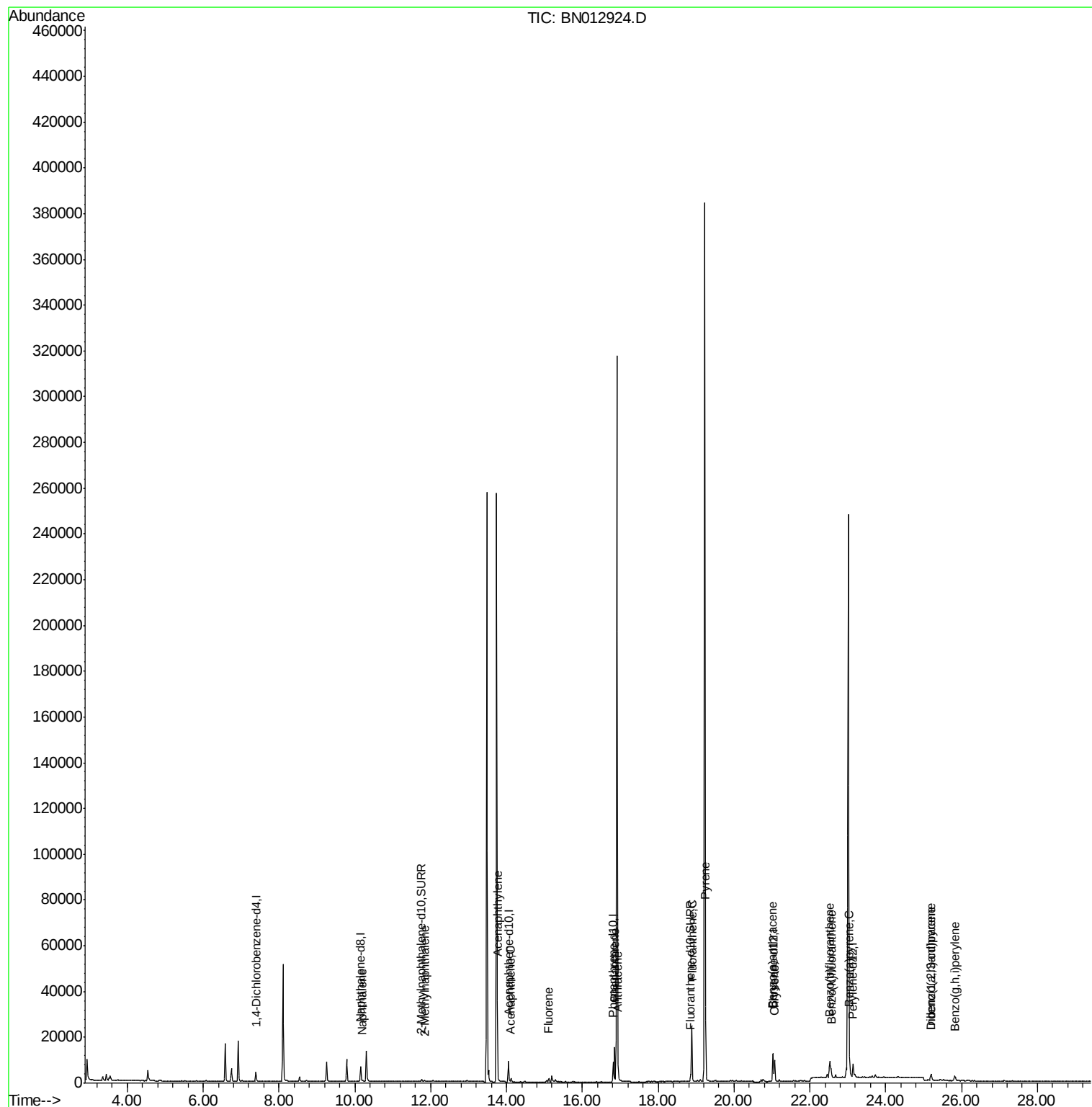
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
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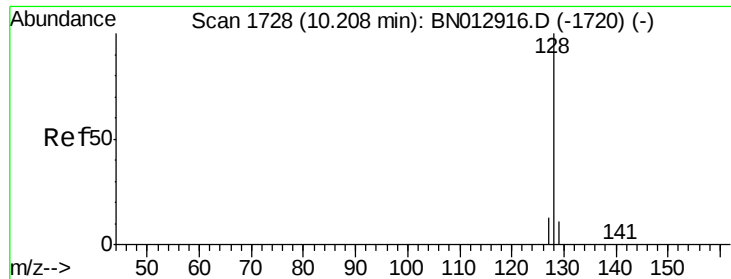
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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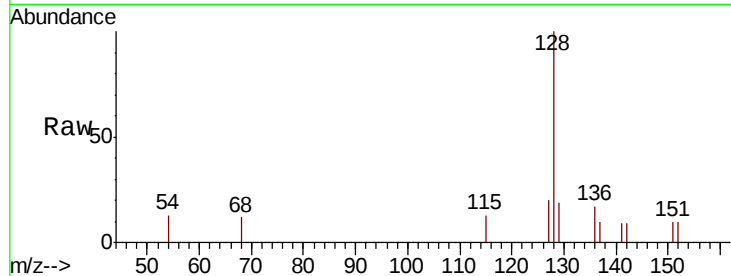
#3
Naphthalene
Concen: 0.032 ng/ul
RT: 10.20 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BN012924.D
Acq: 06 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0B00

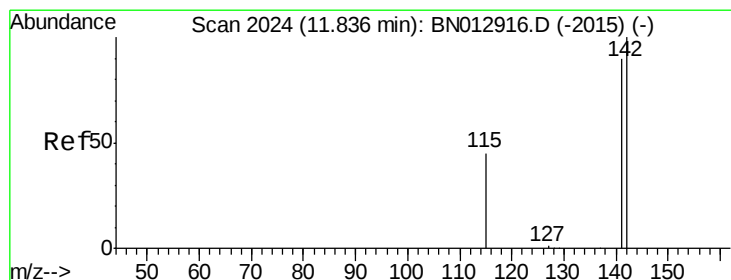
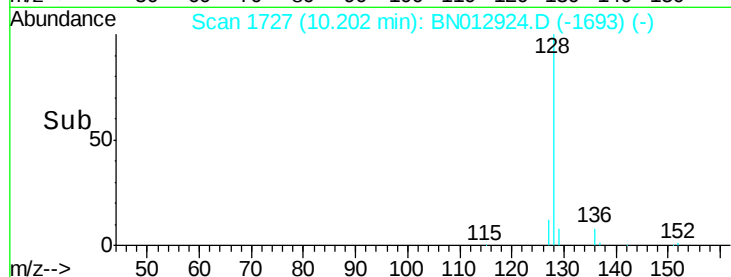
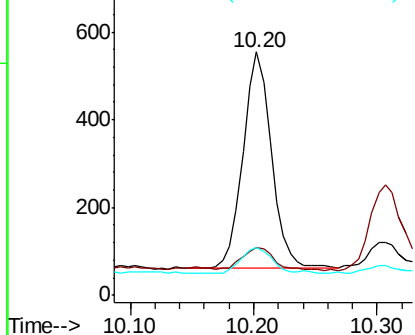
Tot Ion	Ratio	Lower	Upper
128	100		
129	19.5	12.3	18.5#
127	19.8	14.2	21.4

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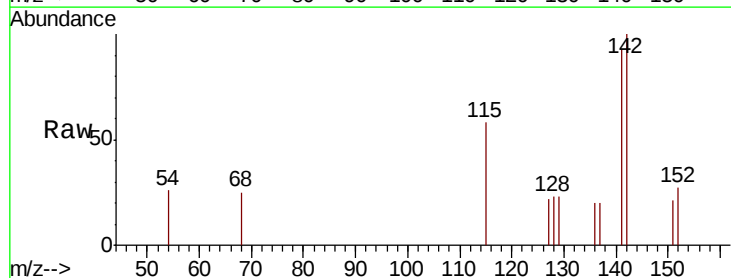


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

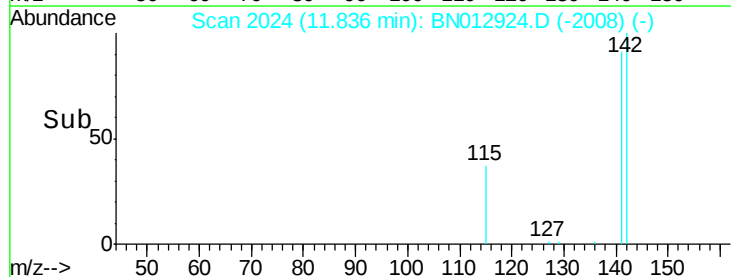
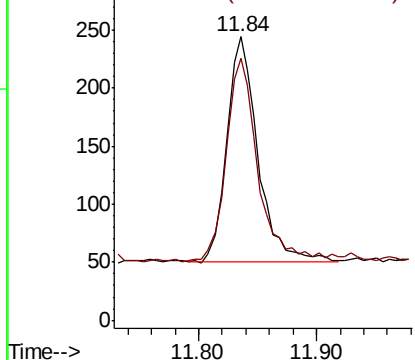


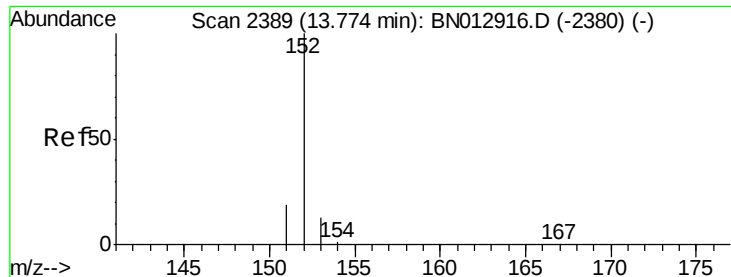
#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BN012924.D
Acq: 06 Dec 2020 19:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	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: 0.026 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

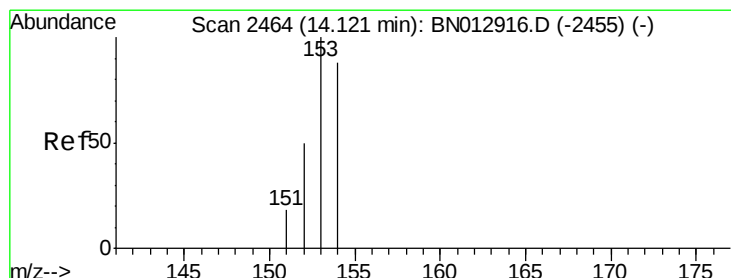
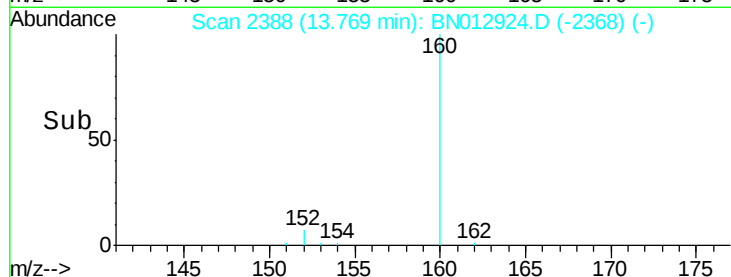
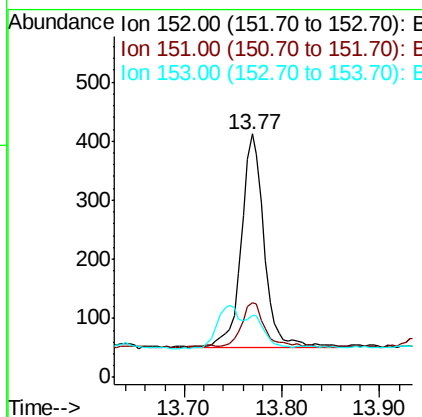
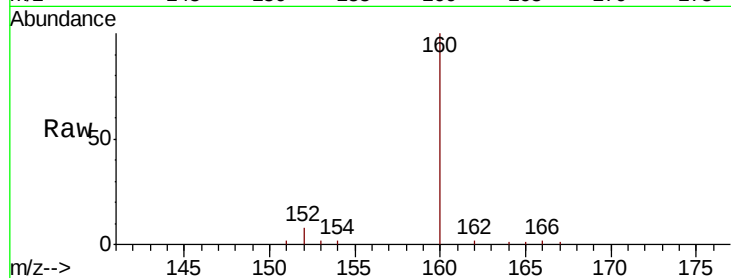
ClientSampled :

C0B00

Tot Ion:	152	Resp:	589
Ion Ratio	Lower	Upper	
152	100		
151	30.6	18.2	27.4#
153	25.7	13.1	19.7#

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#8

Acenaphthene

Concen: 0.045 ng/ul

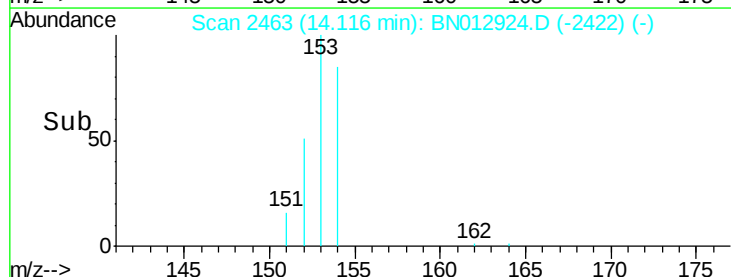
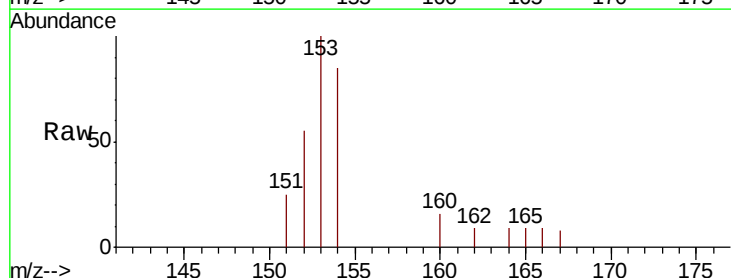
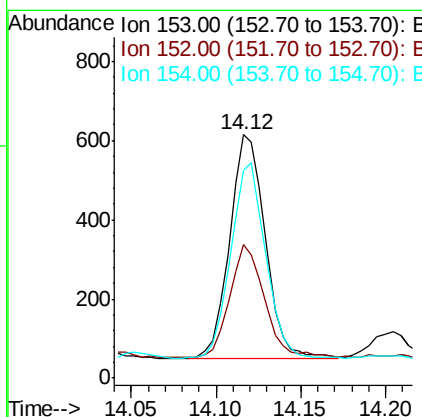
RT: 14.12 min Scan# 2463

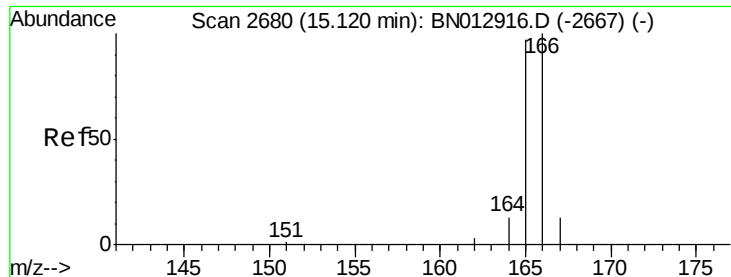
Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Tgt Ion:	153	Resp:	831
Ion Ratio	Lower	Upper	
153	100		
152	54.8	40.7	61.1
154	85.4	70.8	106.2





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.12 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

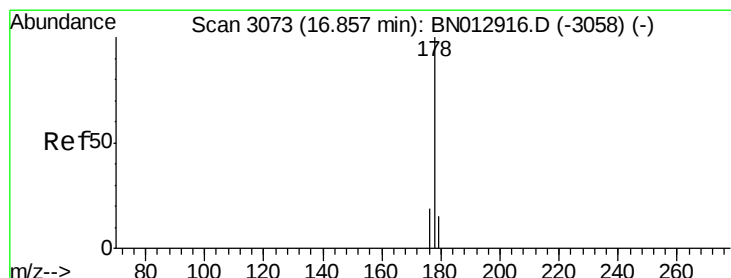
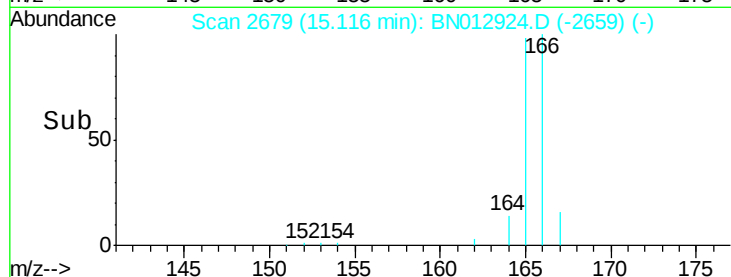
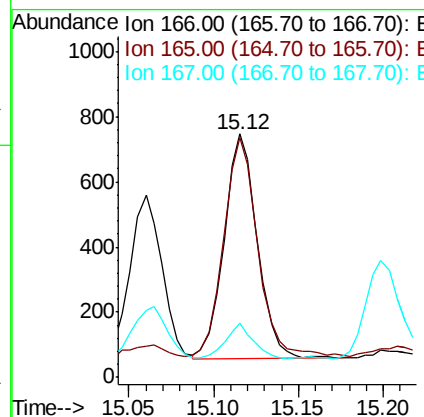
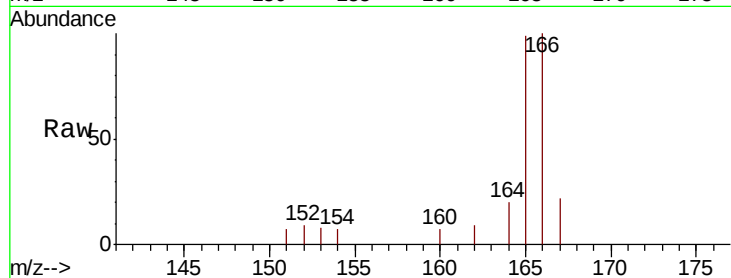
ClientSampleId :

C0B00

Tot Ion:	166	Resp:	942
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.8	119.8
167	22.1	13.8	20.8#

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#12

Phenanthrene

Concen: 0.457 ng/ul

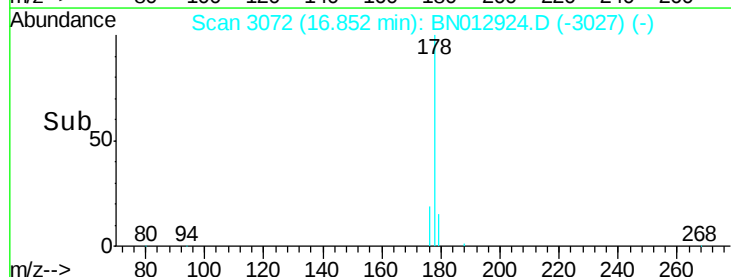
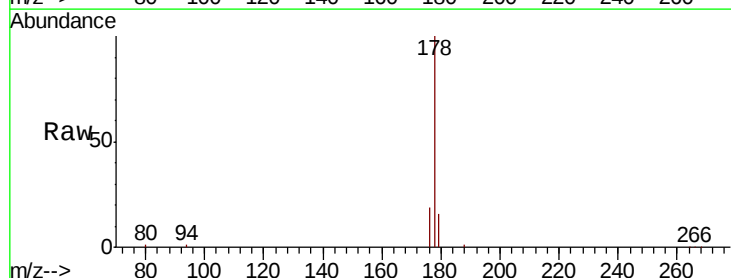
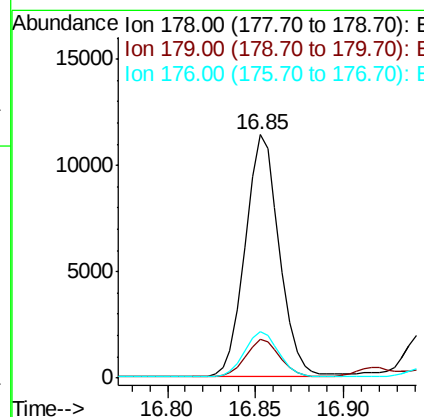
RT: 16.85 min Scan# 3072

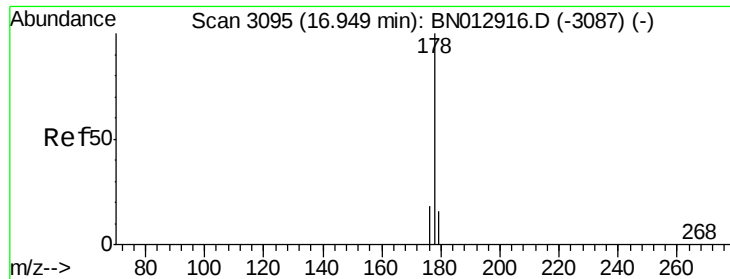
Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Tgt Ion:	178	Resp:	15282
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.6	20.4
176	19.2	16.4	24.6





#13

Anthracene

Concen: 0.110 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

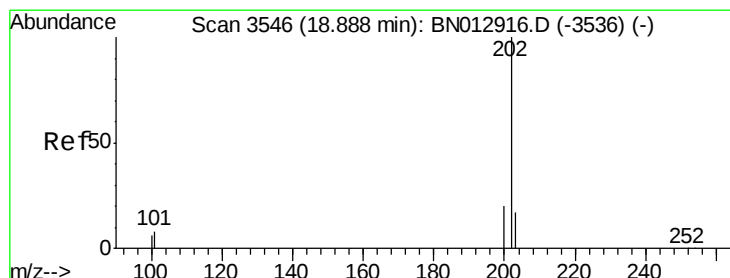
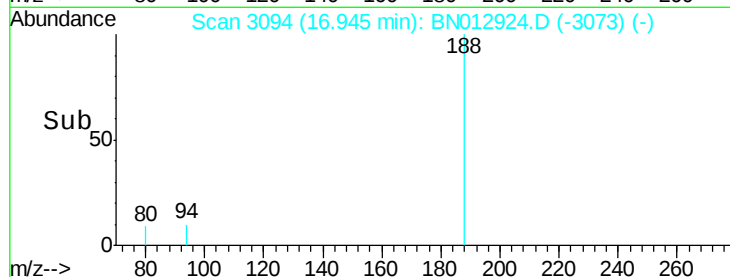
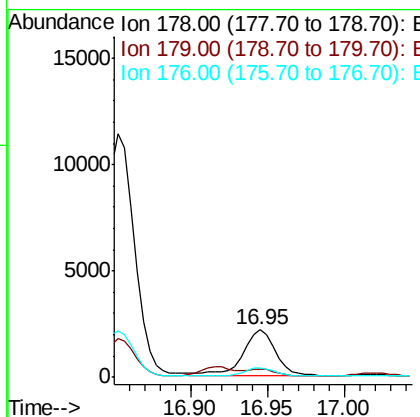
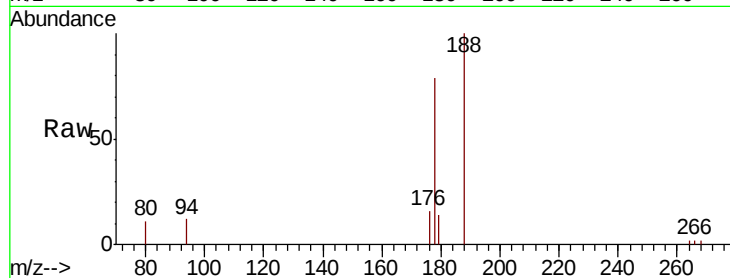
ClientSampleId :

C0B00

Tot Ion:	178	Resp:	3136
Ion Ratio	Lower	Upper	
178	100		
179	18.2	14.6	21.8
176	20.0	17.1	25.7

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#15

Fluoranthene

Concen: 0.535 ng/ul

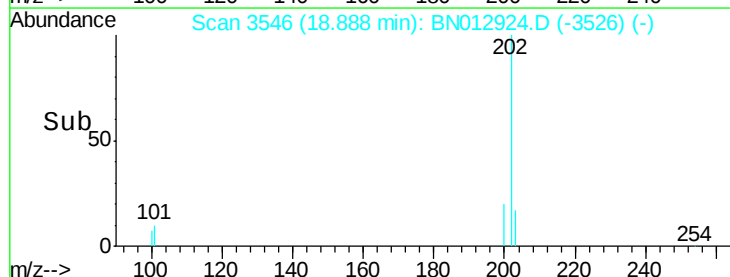
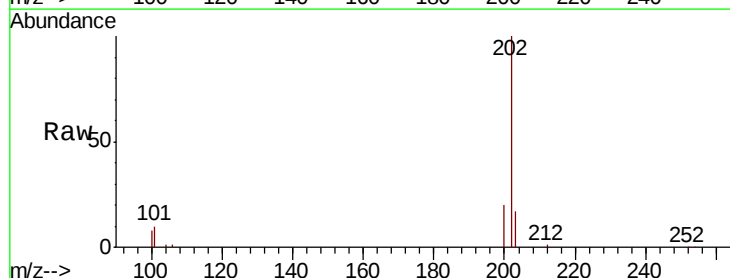
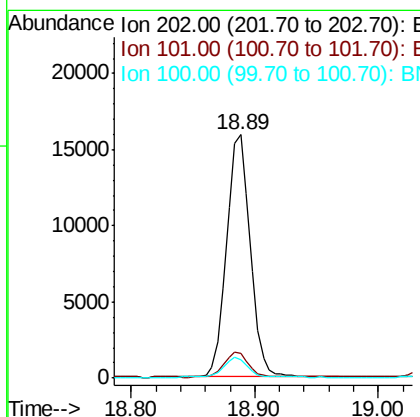
RT: 18.89 min Scan# 3546

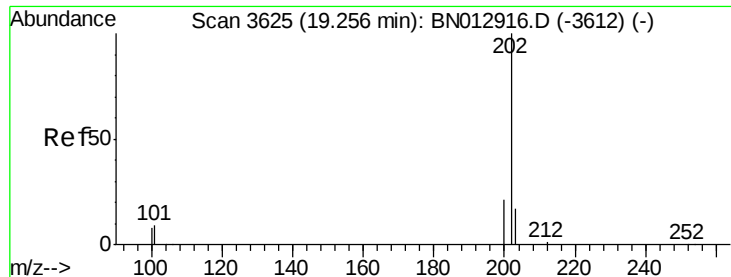
Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Tgt Ion:	202	Resp:	21239
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.6
100	7.6	0.0	28.7





#17

Pvrene

Concen: 0.509 ng/ul

RT: 19.25 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

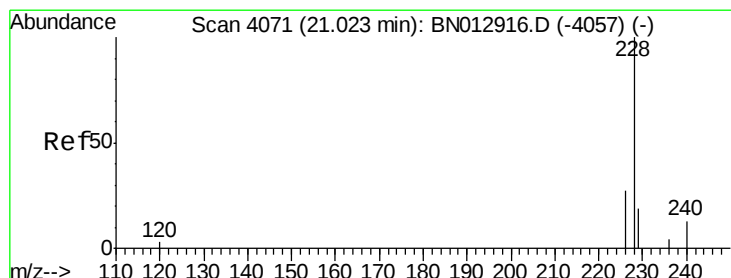
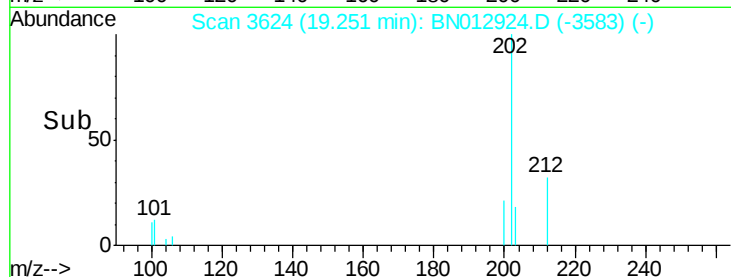
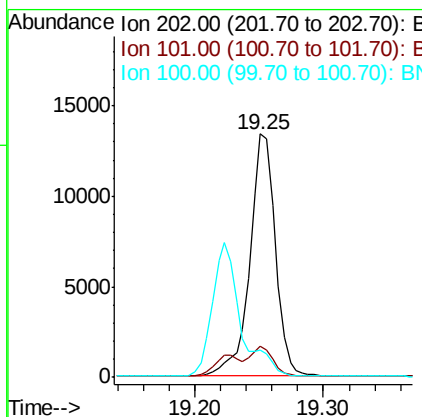
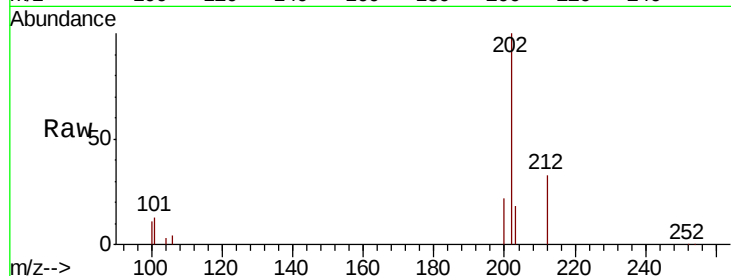
ClientSampleId :

C0B00

Tot Ion:	202	Resp:	18508
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.1	13.7
100	11.1	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.280 ng/ul

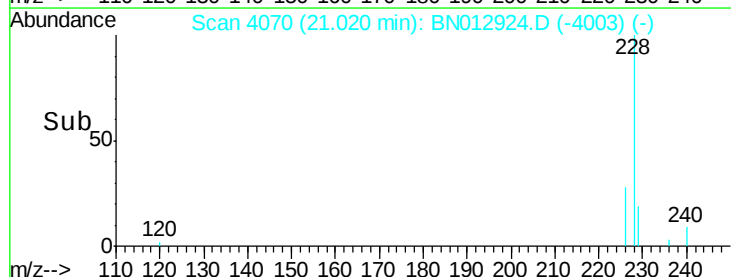
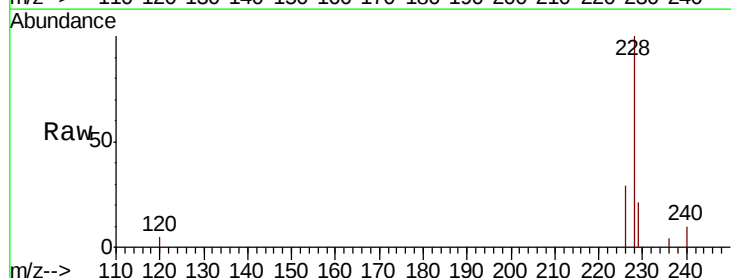
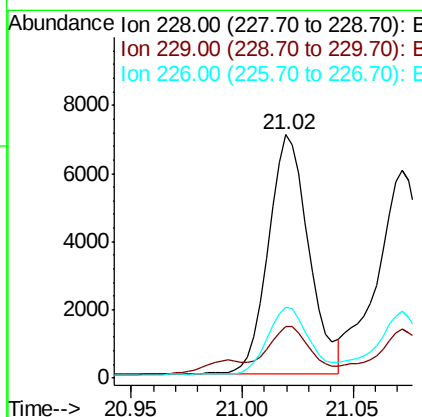
RT: 21.02 min Scan# 4070

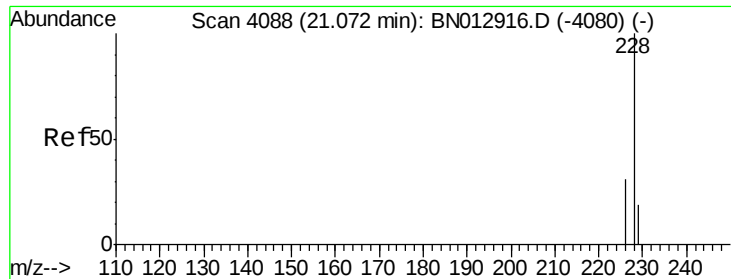
Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Tgt Ion:	228	Resp:	8901
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.3	24.5
226	29.1	23.4	35.2





#19

Chrysene

Concen: 0.246 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Instrument :

BNA_N

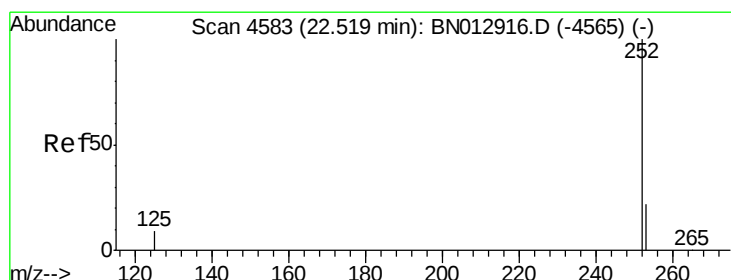
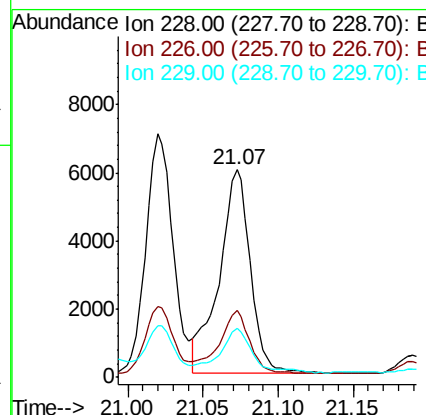
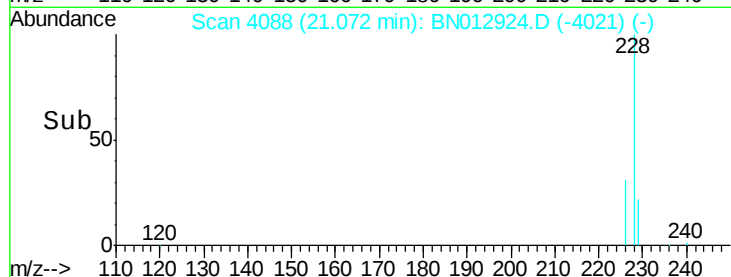
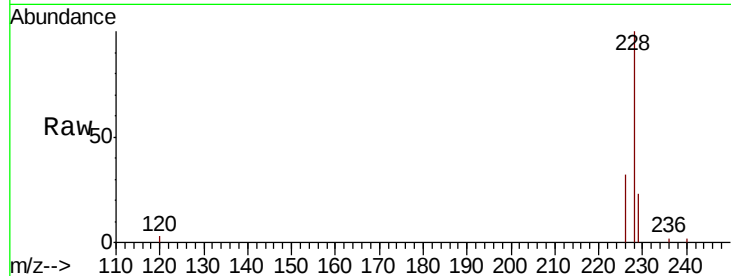
ClientSampleId :

C0B00

Tot Ion:	228	Resp:	8644
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	23.4	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.344 ng/ul m

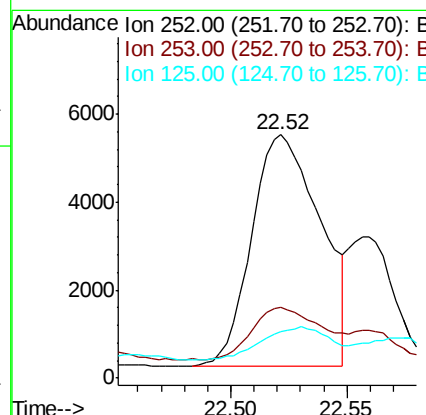
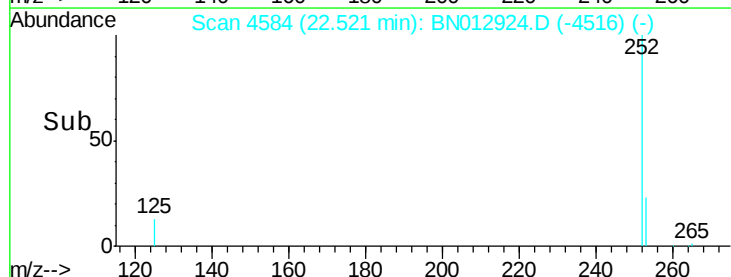
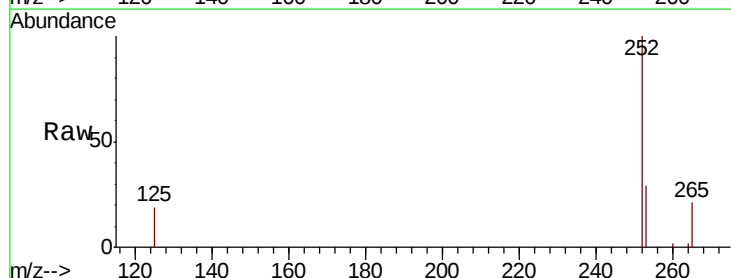
RT: 22.52 min Scan# 4584

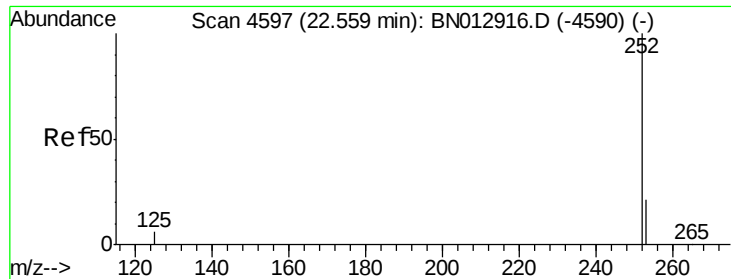
Delta R.T. -0.00 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Tgt Ion:	252	Resp:	10867
Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	59.6
125	19.0	0.0	26.0





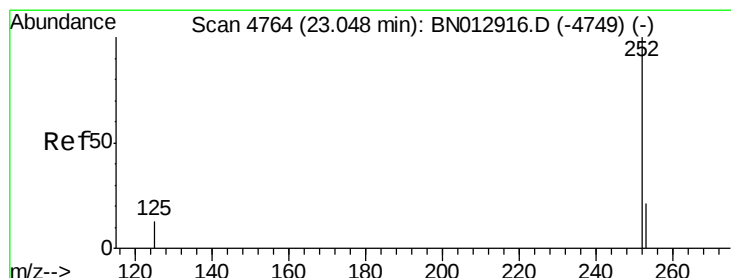
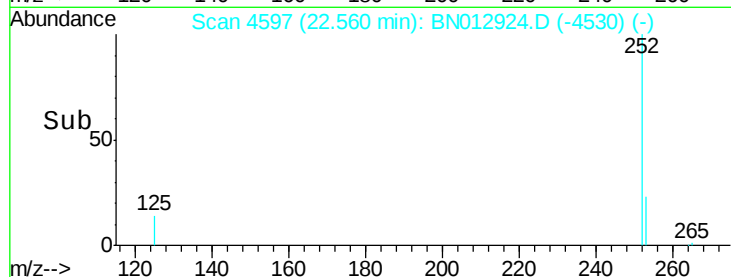
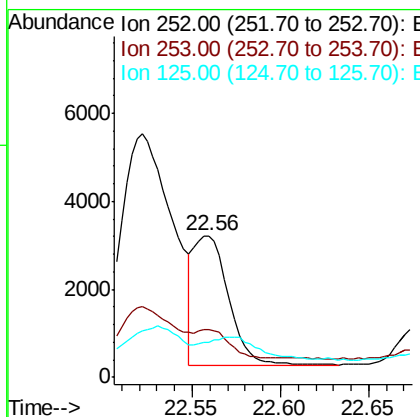
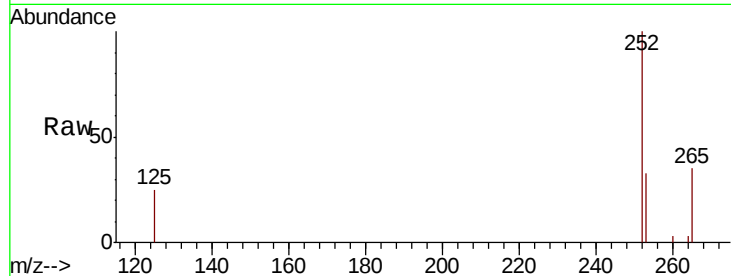
#22
Benzo(k)fluoranthene
Concen: 0.117 ng/ul m
RT: 22.56 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BN012924.D
Acq: 06 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0B00

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.3	23.4	35.2
125	24.5	11.1	16.7

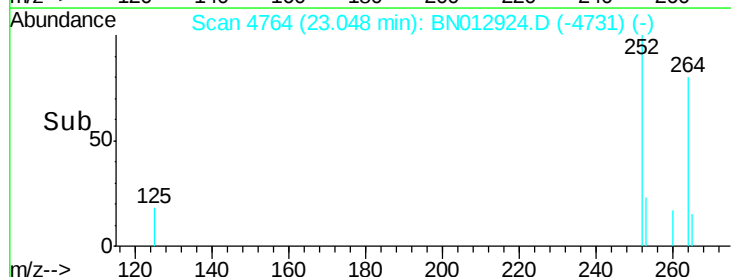
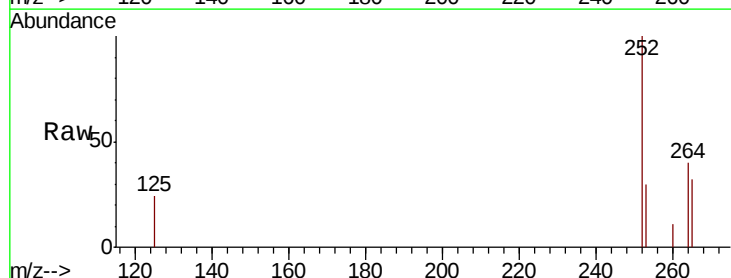
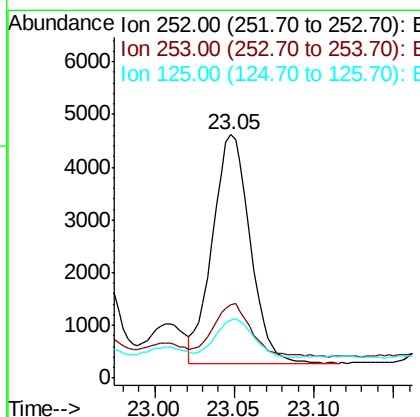
Manual Integrations
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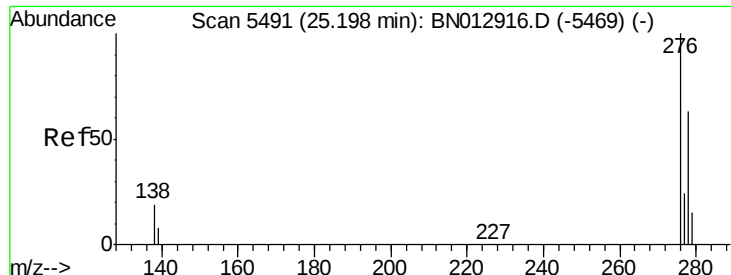
mohammad
12/7/2020 2:11:54 PM



#23
Benzo(a)pyrene
Concen: 0.242 ng/ul
RT: 23.05 min Scan# 4764
Delta R.T. -0.00 min
Lab File: BN012924.D
Acq: 06 Dec 2020 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	26.5	39.7
125	23.8	14.2	21.2





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.110 ng/u1

RT: 25.19 min Scan# 5490

Delta R.T. -0.01 min

Lab File: BN012924.D

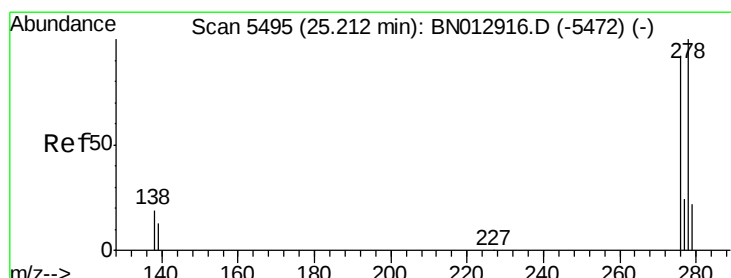
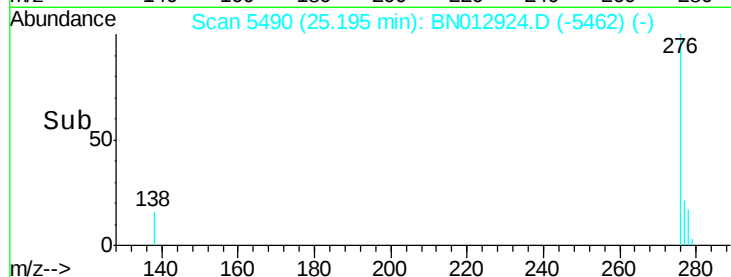
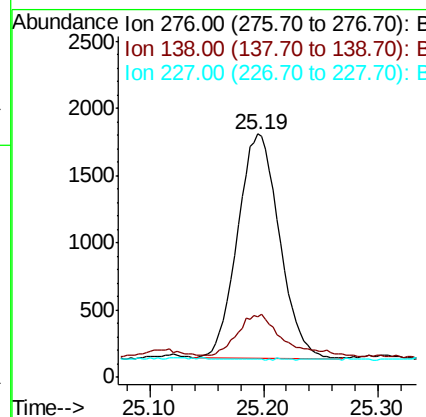
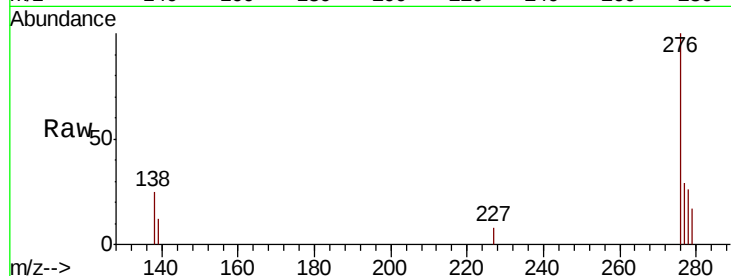
Acq: 06 Dec 2020 19:05

Instrument :
BNA_N
ClientSampleId :
C0B00

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.2	24.2
227	0.1	0.0	0.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.036 ng/u1

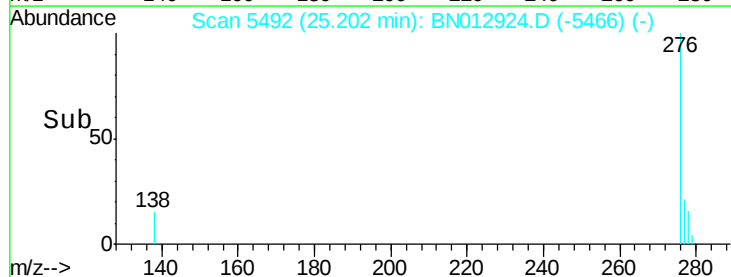
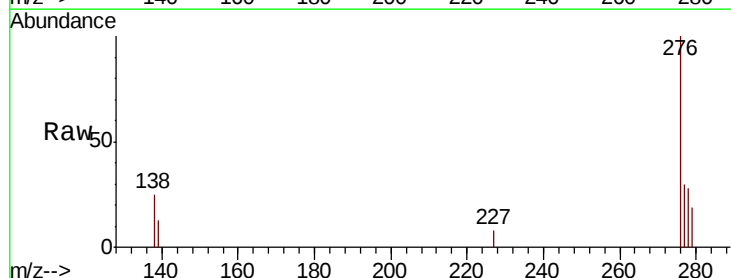
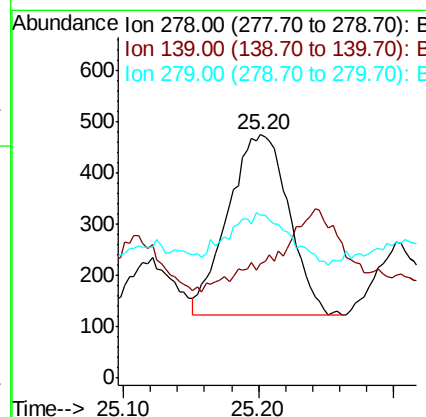
RT: 25.20 min Scan# 5492

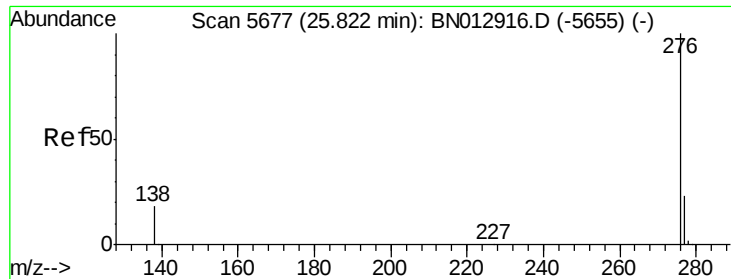
Delta R.T. -0.01 min

Lab File: BN012924.D

Acq: 06 Dec 2020 19:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	47.3	14.5	21.7#
279	67.1	26.3	39.5#





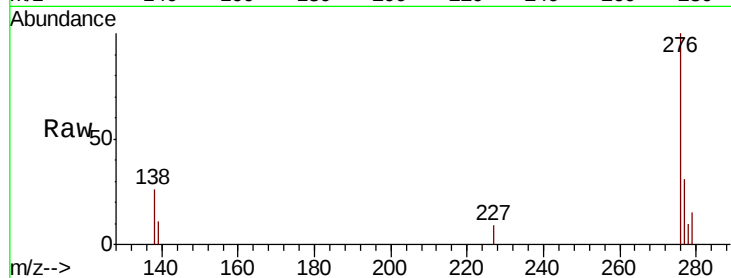
#26
 Benzo(a,h,i)perylene
 Concen: 0.116 ng/ul
 RT: 25.82 min Scan# 5677
 Delta R.T. -0.01 min
 Lab File: BN012924.D
 Acq: 06 Dec 2020 19:05

Instrument :
 BNA_N
 ClientSampleId :
 C0B00

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	16.3	24.5#
277	30.7	21.8	32.6

Manual Integrations
 APPROVED

mohammad
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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

