

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
 Data File : BN012905.D
 Acq On : 06 Dec 2020 07:05
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
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Quant Time: Dec 07 11:13:36 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 : Fri Dec 04 10:02:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	4225	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	2404	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5221	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4825	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	4634	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	995	0.16	ng/ul	-0.01
14) Fluoranthene-d10	18.86	212	2388	0.17	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.21	128	1431	0.117	ng/ul	99
5) 2-Methylnaphthalene	11.84	142	319	0.040	ng/ul	96
7) Acenaphthylene	13.77	152	2976	0.262	ng/ul	97
8) Acenaphthene	14.12	153	288	0.031	ng/ul#	92
9) Fluorene	15.12	166	374	0.035	ng/ul#	92
12) Phenanthrene	16.86	178	11273	0.644	ng/ul	98
13) Anthracene	16.95	178	2156	0.145	ng/ul	98
15) Fluoranthene	18.89	202	49858	2.397	ng/ul	95
17) Pyrene	19.25	202	50181	2.202	ng/ul	100
18) Benzo(a)anthracene	21.02	228	27032	1.354	ng/ul	100
19) Chrysene	21.07	228	30785	1.396	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	46864m	2.186	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	16492m	0.696	ng/ul	
23) Benzo(a)pyrene	23.04	252	30464m	1.531	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	20726	0.793	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	4852	0.235	ng/ul	98
26) Benzo(a,h,i)perylene	25.82	276	18267	0.773	ng/ul	97

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

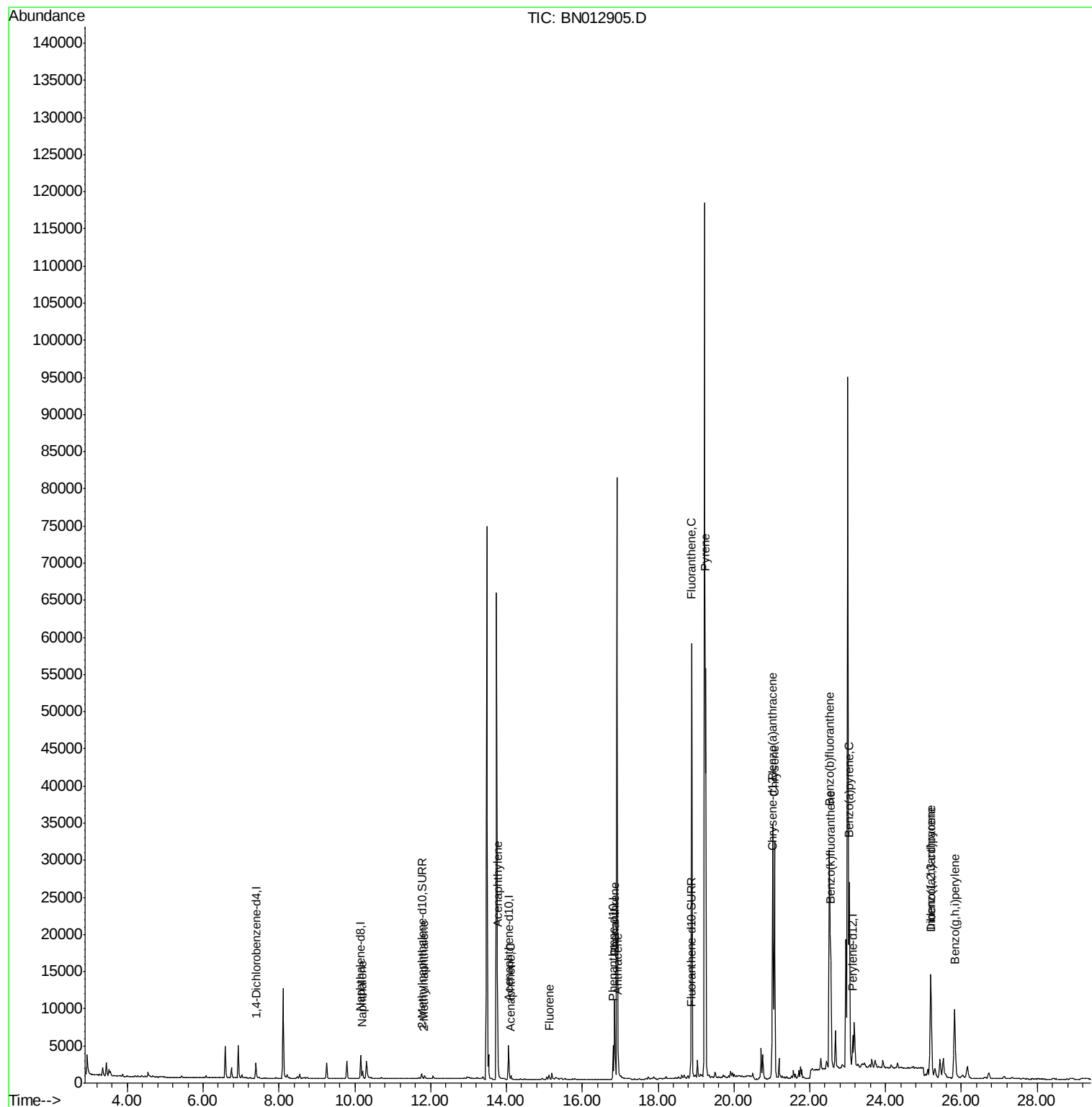
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012905.D
Acq On : 06 Dec 2020 07:05
Operator : CG/JU
Sample : L4859-15
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ALS Vial : 19 Sample Multiplier: 1

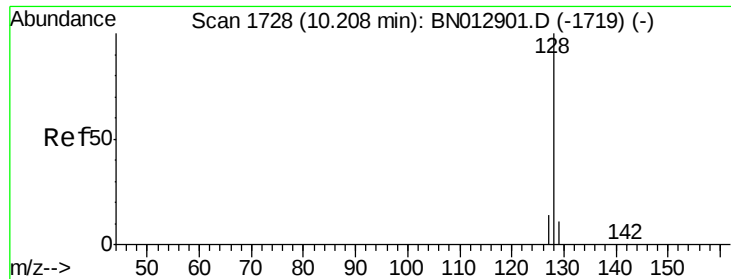
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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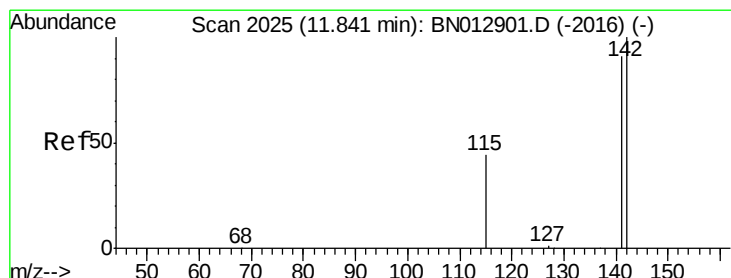
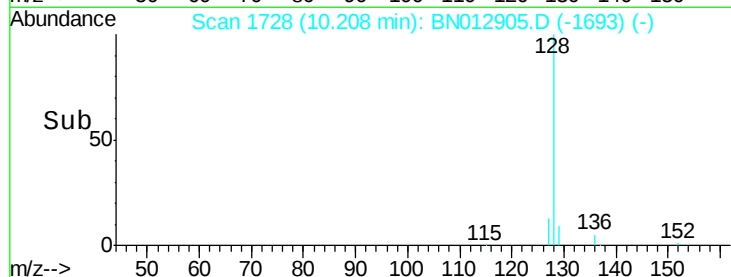
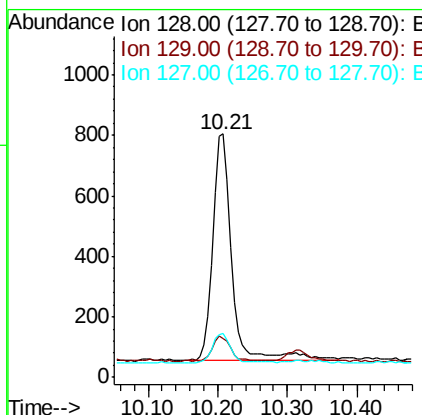
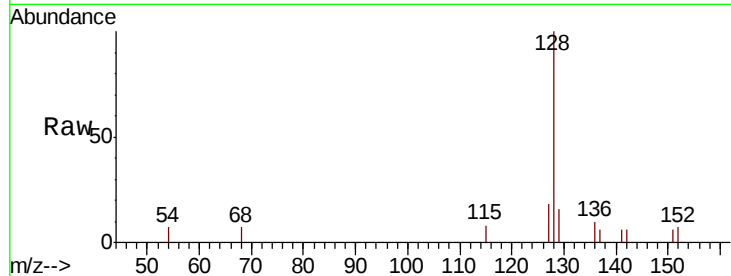
#3
Naphthalene
Concen: 0.117 ng/ul
RT: 10.21 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Instrument :
BNA_N
ClientSampleId :
C0B27

Tot Ion:128	Resp:	1431
Ion Ratio	Lower	Upper
128	100	
129	16.1	12.3 18.5
127	18.0	14.2 21.4

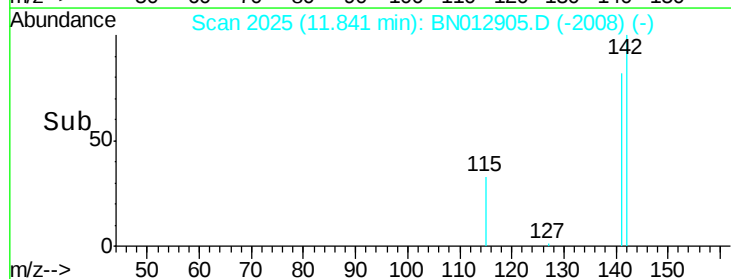
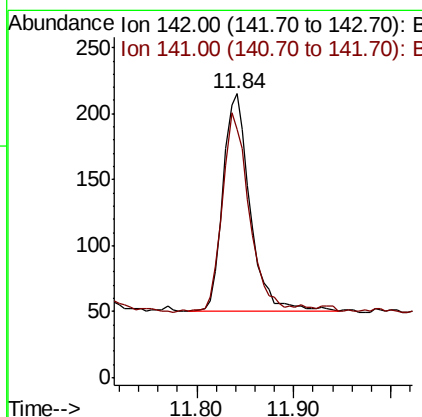
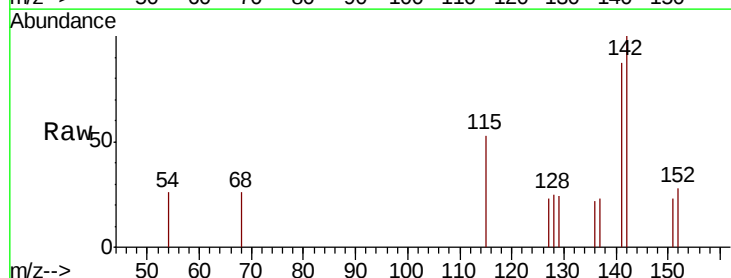
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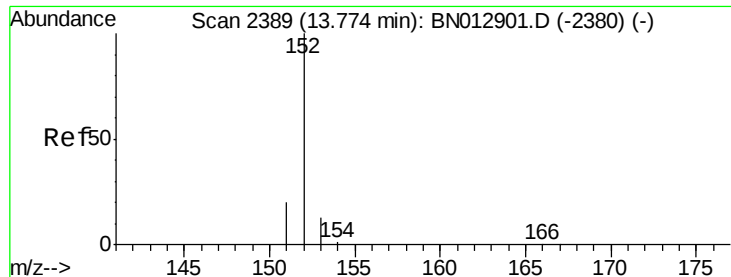
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#5
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.84 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Tgt Ion:142	Resp:	319
Ion Ratio	Lower	Upper
142	100	
141	95.3	73.0 109.6





#7

Acenaphthylene

Concen: 0.262 ng/ul

RT: 13.77 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN012905.D

Acq: 06 Dec 2020 07:05

Instrument :

BNA_N

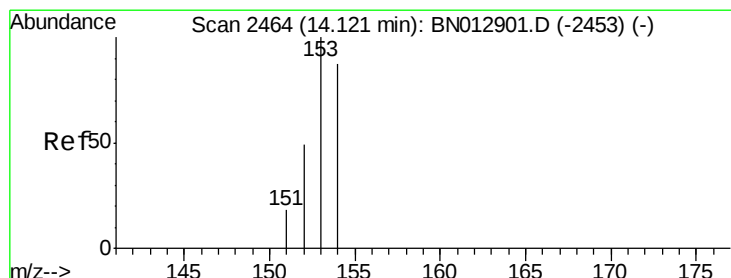
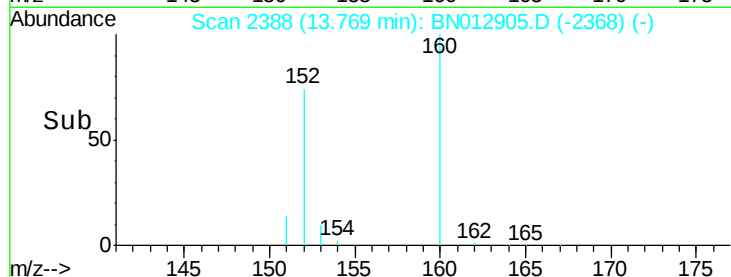
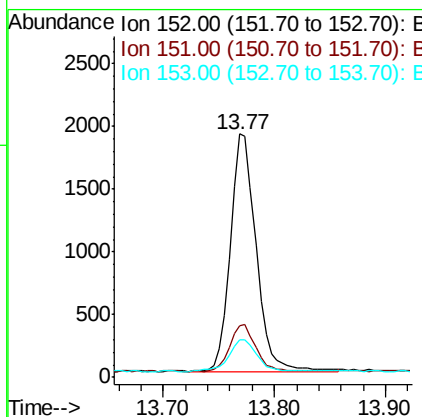
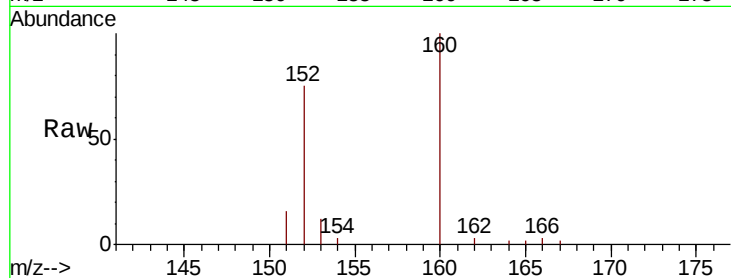
ClientSampled :

C0B27

Tot Ion:	152	Resp:	2976
Ion Ratio	Lower	Upper	
152	100		
151	21.1	18.2	27.4
153	15.4	13.1	19.7

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#8

Acenaphthene

Concen: 0.031 ng/ul

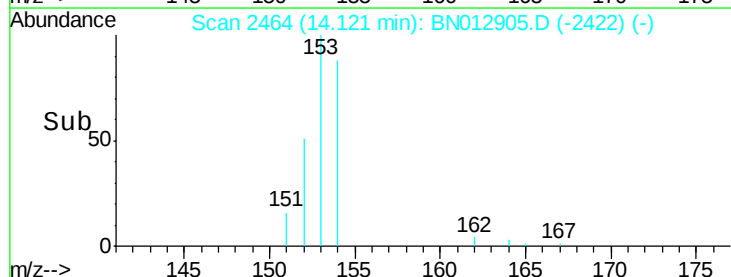
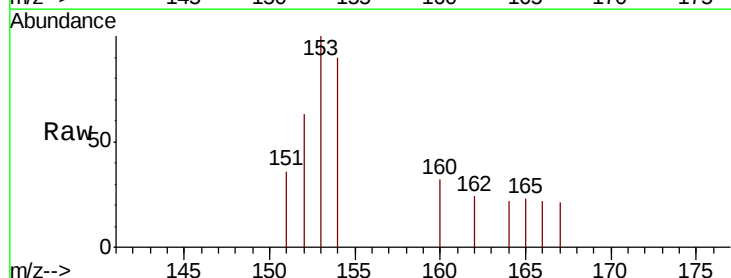
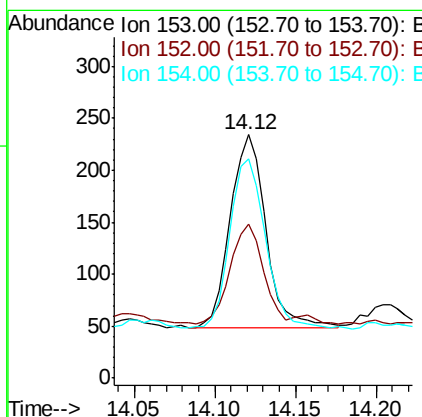
RT: 14.12 min Scan# 2464

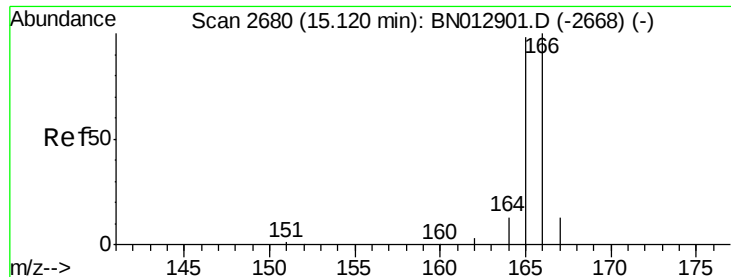
Delta R.T. -0.00 min

Lab File: BN012905.D

Acq: 06 Dec 2020 07:05

Tgt Ion:	153	Resp:	288
Ion Ratio	Lower	Upper	
153	100		
152	63.2	40.7	61.1#
154	90.2	70.8	106.2





#9

Fluorene

Concen: 0.035 ng/ul

RT: 15.12 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BN012905.D

Acq: 06 Dec 2020 07:05

Instrument :

BNA_N

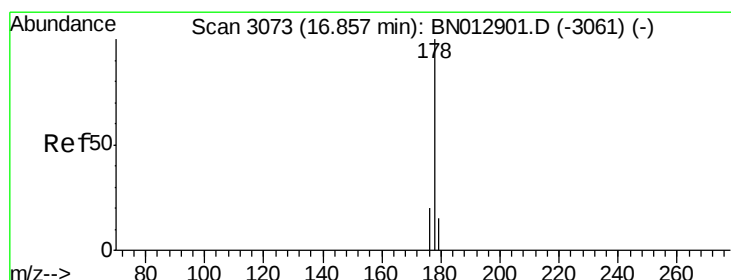
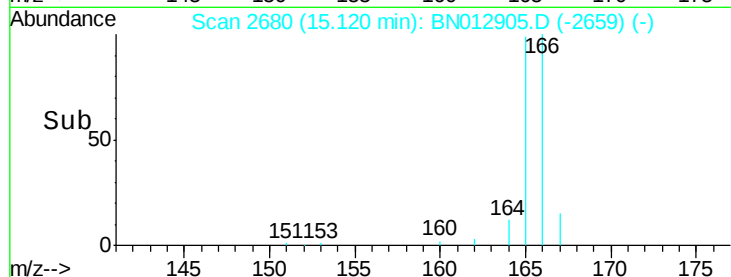
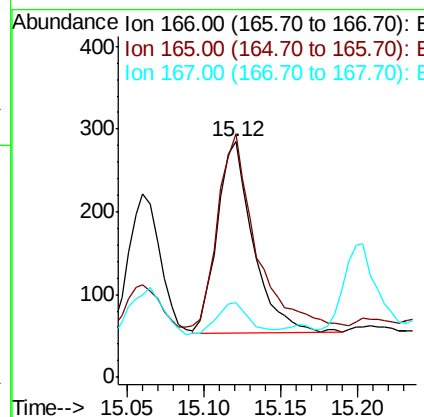
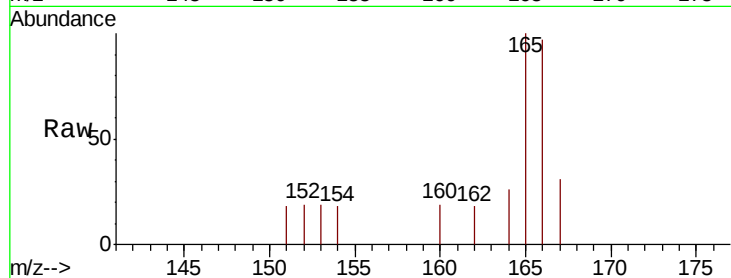
ClientSampleId :

C0B27

Tot Ion:	166	Resp:	374
Ion Ratio	Lower	Upper	
166	100		
165	103.2	79.8	119.8
167	31.6	13.8	20.8

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#12

Phenanthrene

Concen: 0.644 ng/ul

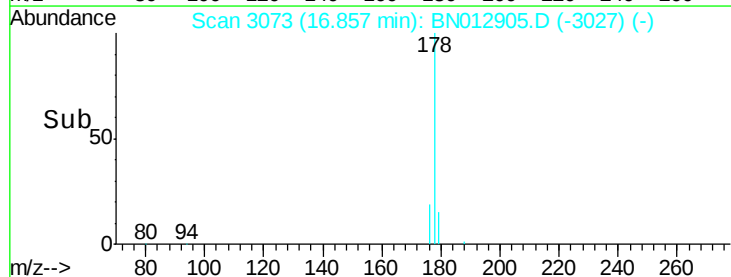
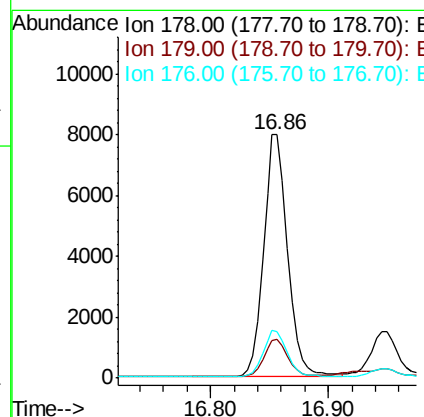
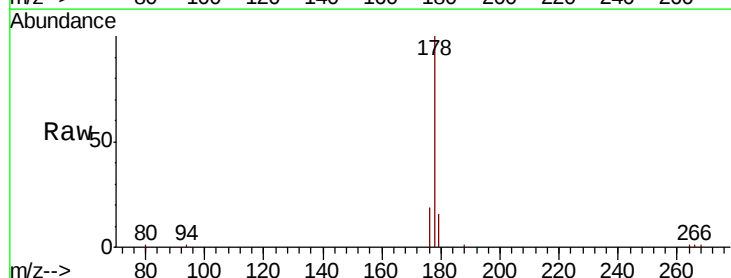
RT: 16.86 min Scan# 3073

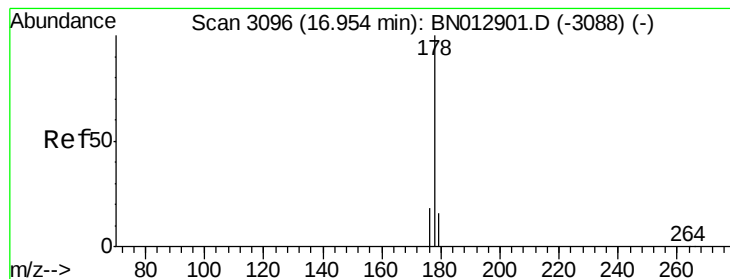
Delta R.T. -0.00 min

Lab File: BN012905.D

Acq: 06 Dec 2020 07:05

Tgt Ion:	178	Resp:	11273
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.6	20.4
176	19.3	16.4	24.6





#13

Anthracene

Concen: 0.145 ng/ul

RT: 16.95 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN012905.D

Acq: 06 Dec 2020 07:05

Instrument :

BNA_N

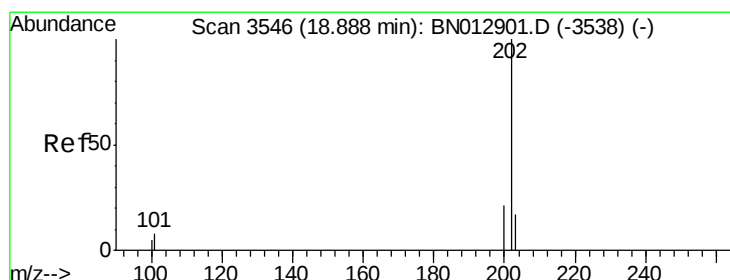
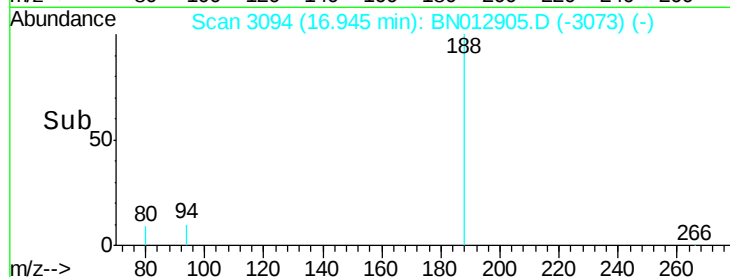
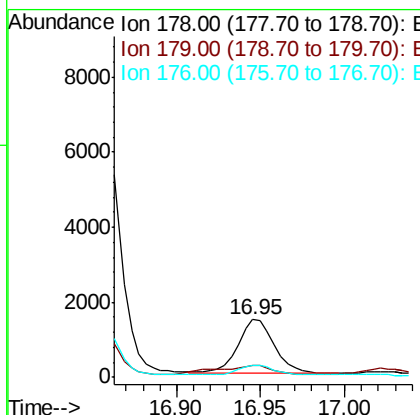
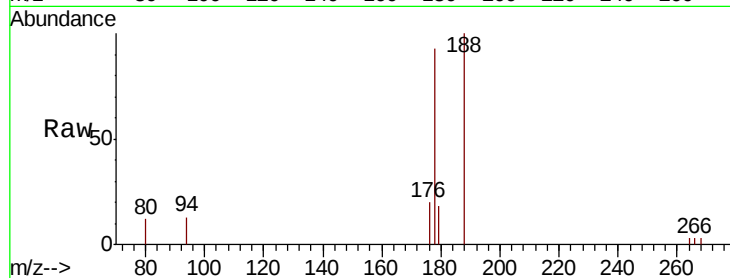
ClientSampled :

C0B27

Tot Ion:	178	Resp:	2156
Ion Ratio	Lower	Upper	
178	100		
179	19.7	14.6	21.8
176	21.3	17.1	25.7

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#15

Fluoranthene

Concen: 2.397 ng/ul

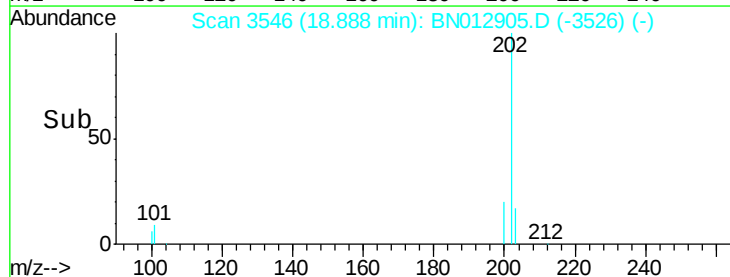
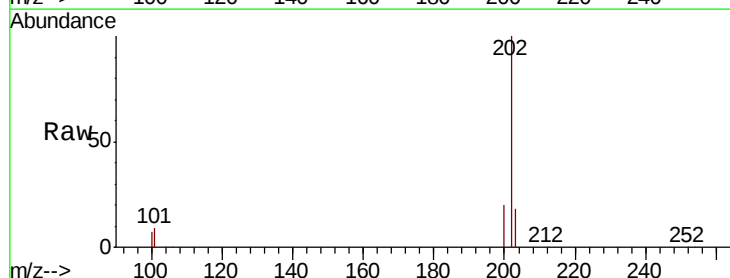
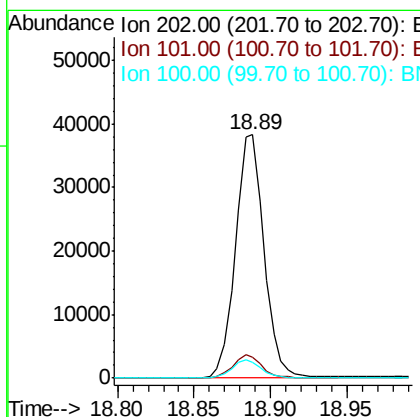
RT: 18.89 min Scan# 3546

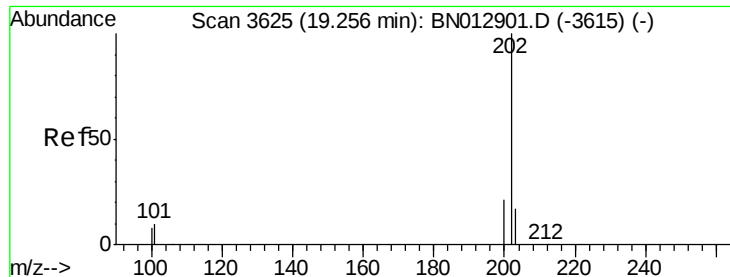
Delta R.T. -0.00 min

Lab File: BN012905.D

Acq: 06 Dec 2020 07:05

Tgt Ion:	202	Resp:	49858
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	30.6
100	6.5	0.0	28.7





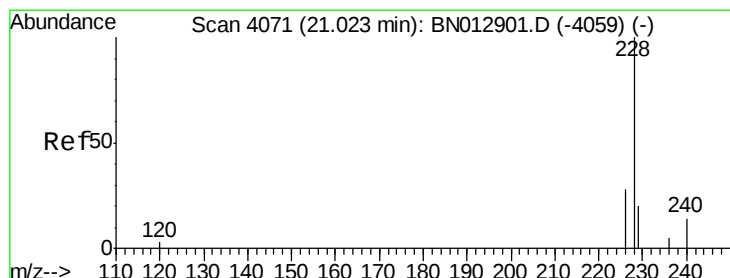
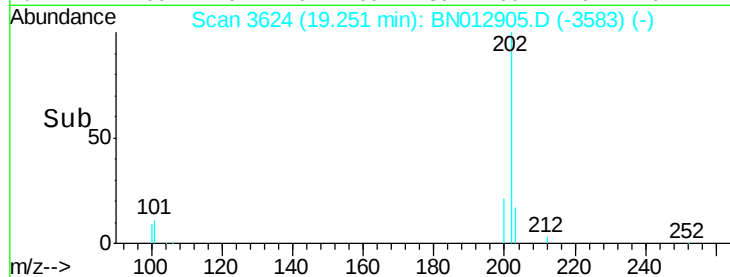
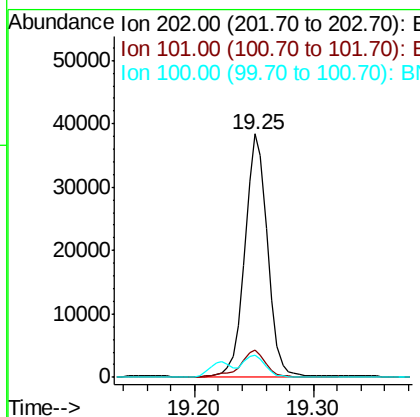
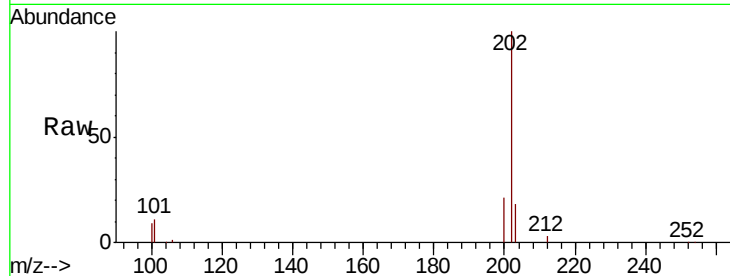
#17
Pvrene
Concen: 2.202 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Instrument :
BNA_N
ClientSampleId :
C0B27

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

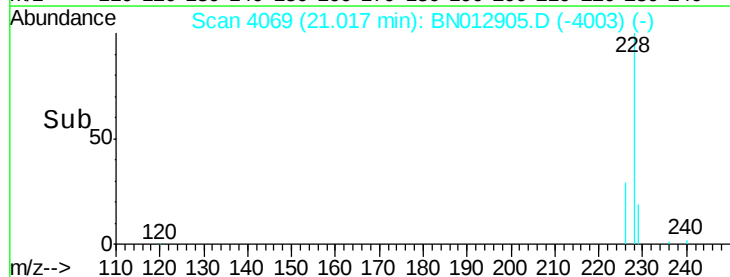
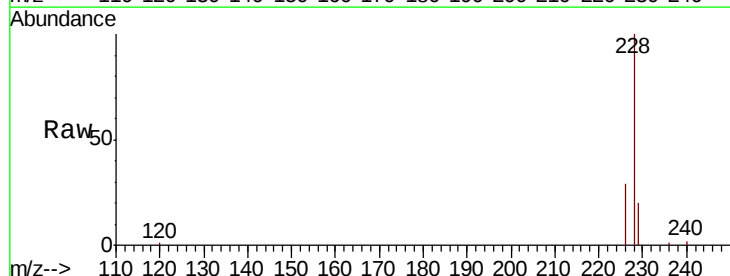
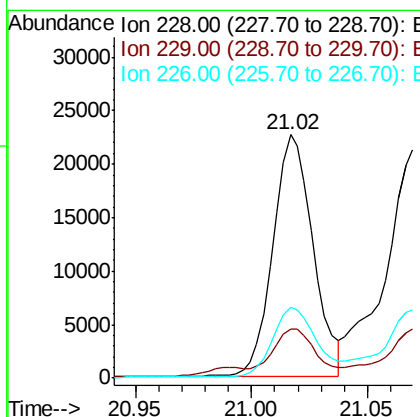
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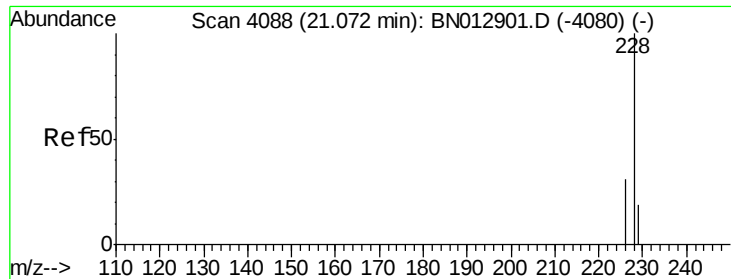
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#18
Benzo(a)anthracene
Concen: 1.354 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.2	16.3	24.5
226	29.1	23.4	35.2





#19

Chrysene

Concen: 1.396 ng/ul

RT: 21.07 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BN012905.D

Acq: 06 Dec 2020 07:05

Instrument :

BNA_N

ClientSampleId :

C0B27

Tot Ion:228 Resp: 30785

Ion Ratio Lower Upper

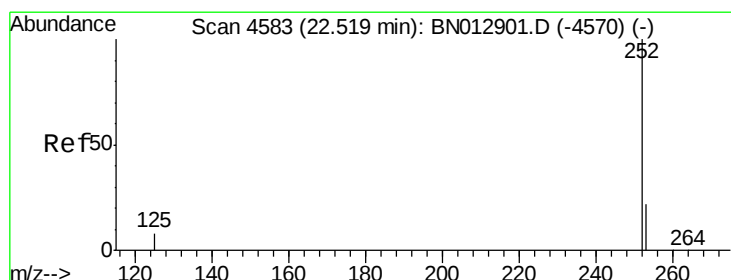
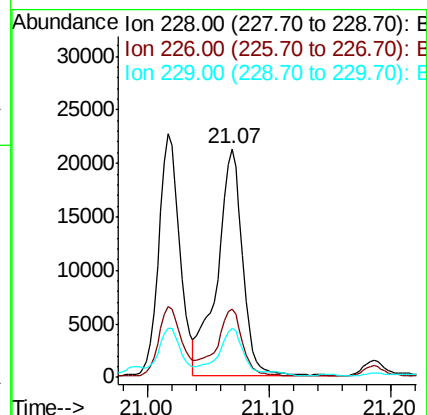
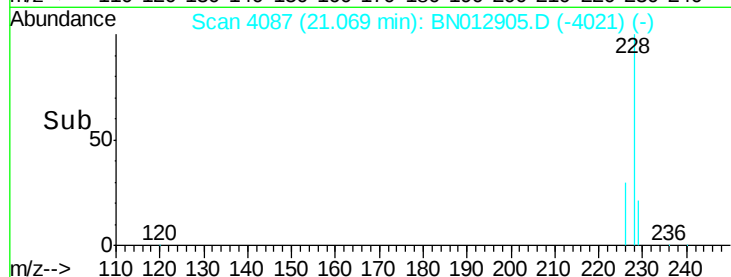
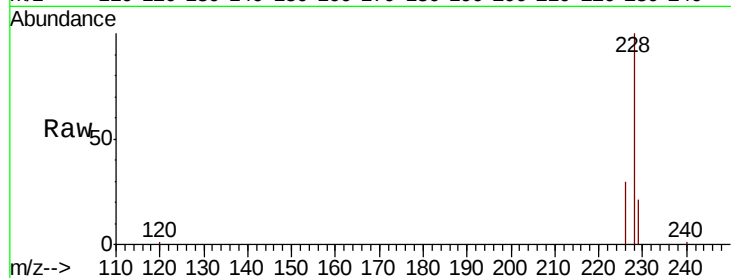
228 100

226 30.0 25.0 37.6

229 21.3 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 2.186 ng/ul m

RT: 22.52 min Scan# 4583

Delta R.T. -0.00 min

Lab File: BN012905.D

Acq: 06 Dec 2020 07:05

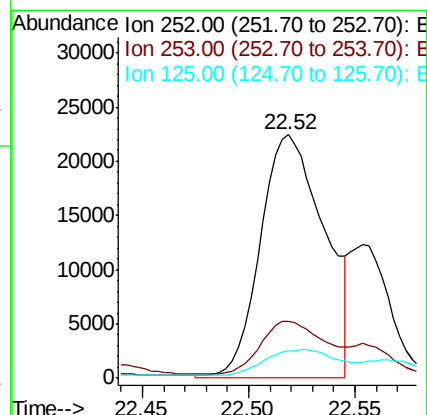
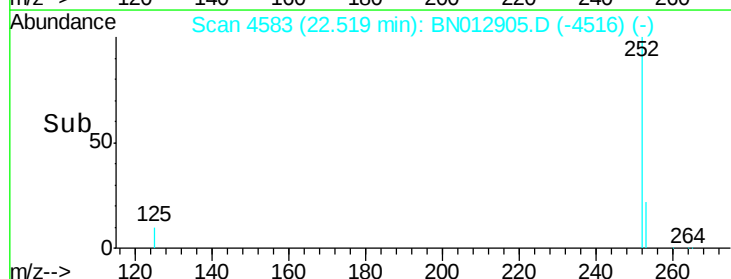
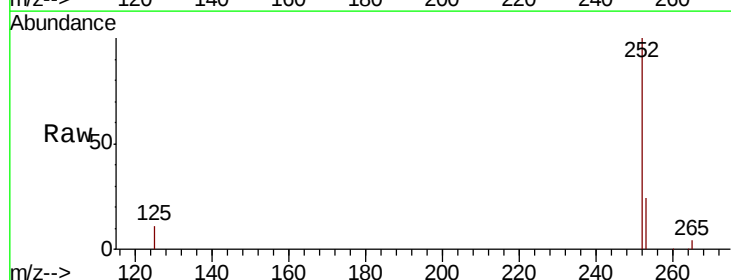
Tgt Ion:252 Resp: 46864

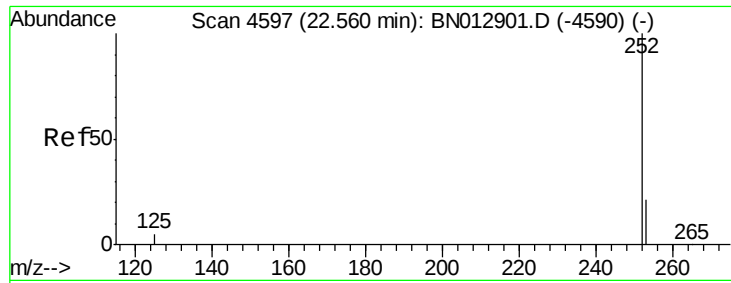
Ion Ratio Lower Upper

252 100

253 23.5 0.0 59.6

125 11.2 0.0 26.0





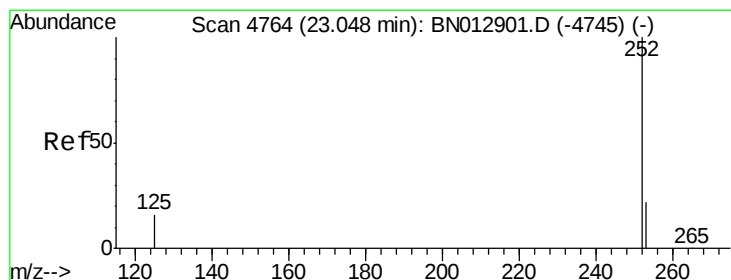
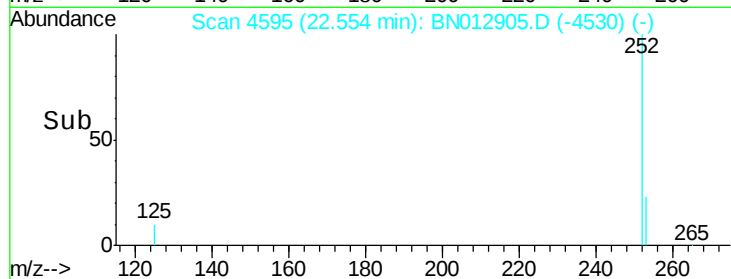
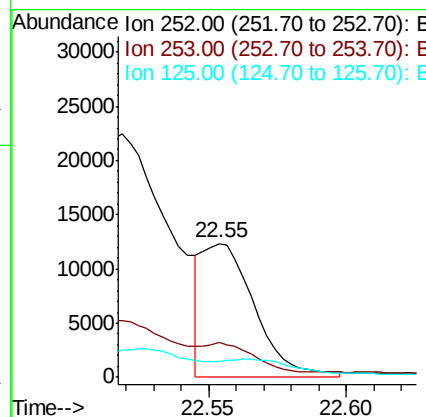
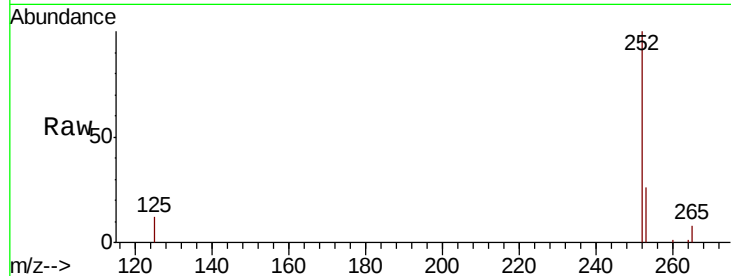
#22
Benzo(k)fluoranthene
Concen: 0.696 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Instrument :
BNA_N
ClientSampleId :
C0B27

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	23.4	35.2
125	12.1	11.1	16.7

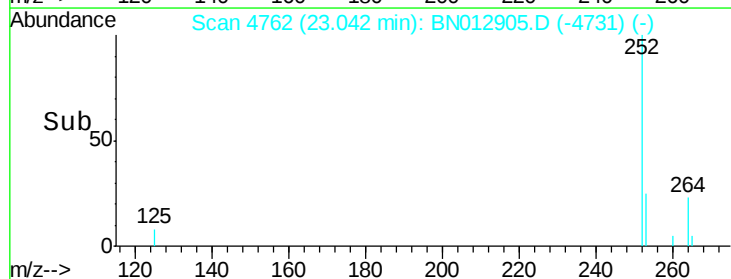
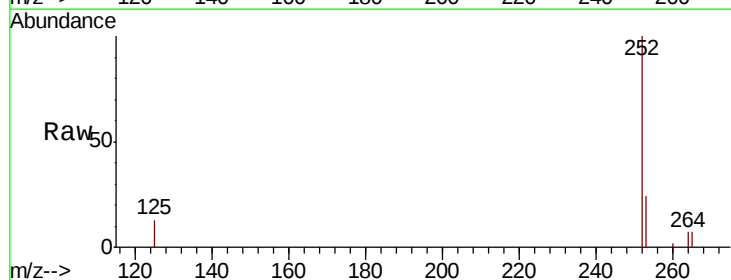
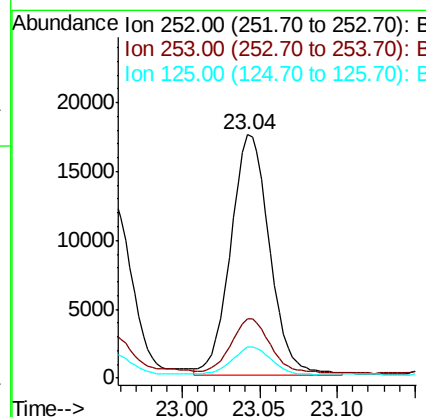
Manual Integrations
APPROVED

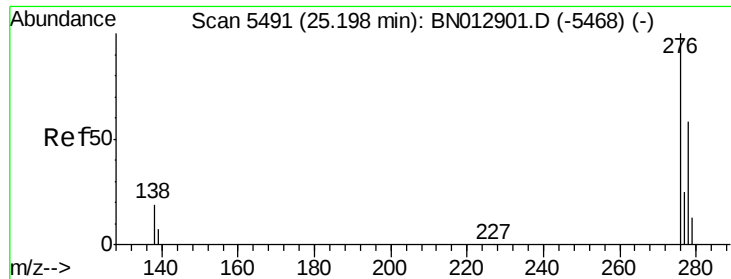
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#23
Benzo(a)pyrene
Concen: 1.531 ng/ul m
RT: 23.04 min Scan# 4762
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	26.5	39.7#
125	12.6	14.2	21.2#





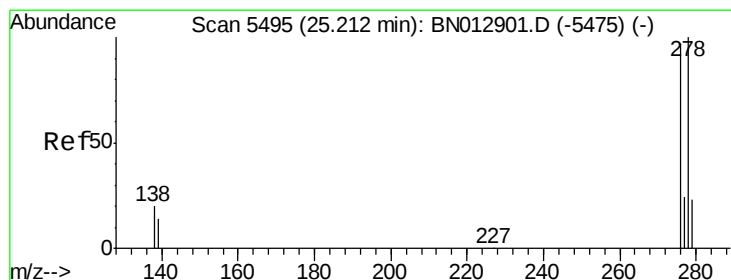
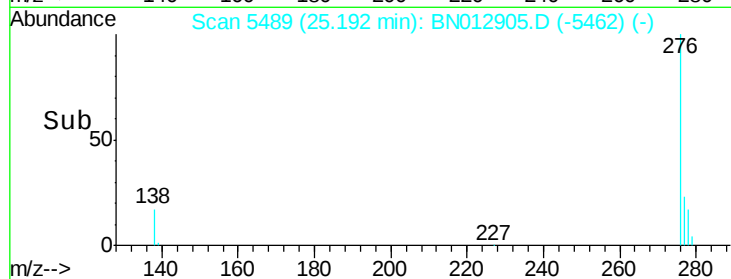
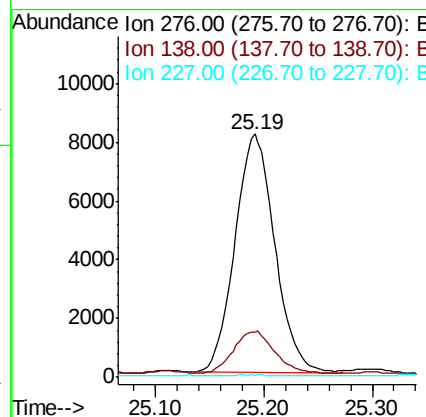
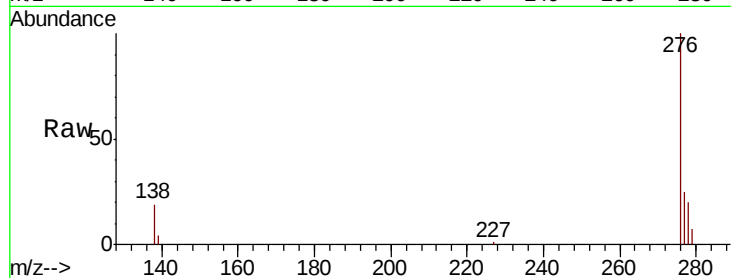
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.793 ng/u1
RT: 25.19 min Scan# 5489
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Instrument :
BNA_N
ClientSampled :
C0B27

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.2	24.2
227	0.2	0.0	0.0#

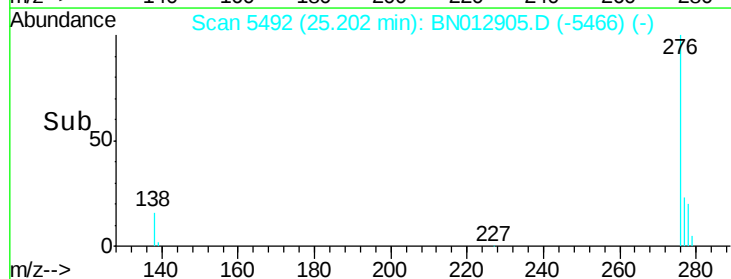
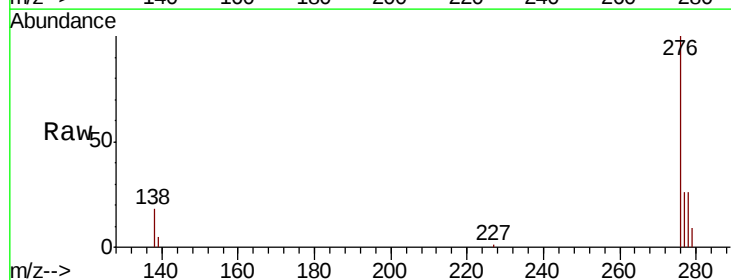
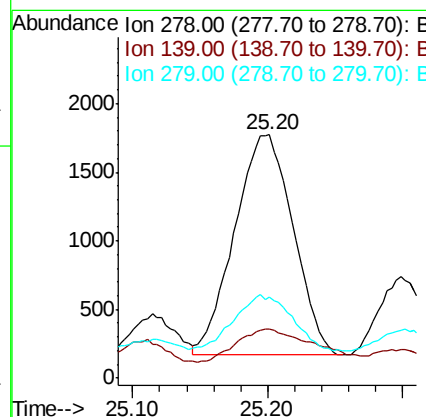
Manual Integrations
APPROVED

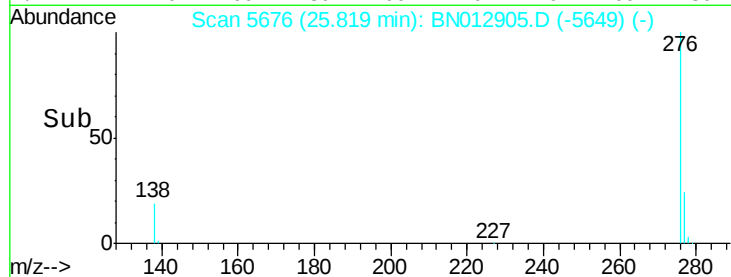
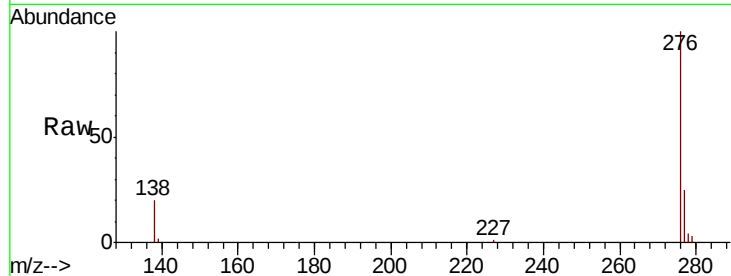
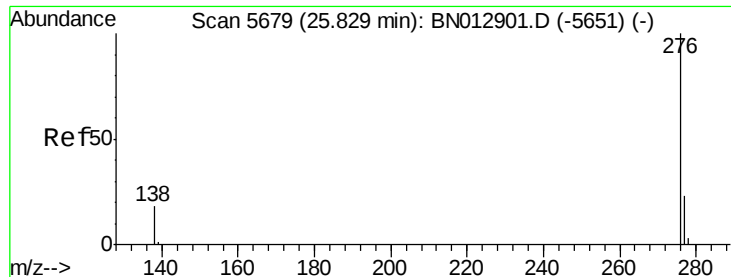
mohammad
12/7/2020 2:10:51 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.235 ng/u1
RT: 25.20 min Scan# 5492
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	14.5	21.7
279	33.5	26.3	39.5





#26
Benzo(a,h,i)perylene
Concen: 0.773 ng/ul
RT: 25.82 min Scan# 5676
Delta R.T. -0.01 min
Lab File: BN012905.D
Acq: 06 Dec 2020 07:05

Tot Ion:	276	Resp:	18267
Ion Ratio	Lower	Upper	
276	100		
138	19.7	16.3	24.5
277	25.2	21.8	32.6

Instrument :
BNA_N
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 2:10:51 PM

