

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052021\
 Data File : BN014682.D
 Acq On : 20 May 2021 16:07
 Operator : CG/JU
 Sample : M2402-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3436

Manual Integrations
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Quant Time: May 20 16:49:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 20 11:25:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	437	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	1503	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	1071	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	2668	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	3282	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	3144	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	218	0.49	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.11	152	717	0.28	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	2612	0.32	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	1040	0.238	ng/ul#	96
7) 2-Methylnaphthalene	12.18	142	681	0.217	ng/ul	99
10) Acenaphthylene	14.09	152	1119	0.289	ng/ul	97
12) Fluorene	15.43	166	1248	0.275	ng/ul	97
15) Phenanthrene	17.17	178	4385	0.528	ng/ul	99
16) Anthracene	17.26	178	643	0.099	ng/ul#	88
19) Fluoranthene	19.19	202	3815	0.374	ng/ul	98
20) Pyrene	19.55	202	4412	0.427	ng/ul	98
21) Benzo(a)anthracene	21.31	228	5790	0.558	ng/ul	99
22) Chrysene	21.36	228	3956	0.334	ng/ul	100
24) Benzo(b)fluoranthene	22.91	252	3303m	0.239	ng/ul	
25) Benzo(k)fluoranthene	22.95	252	5387	0.370	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.88	276	4694	0.312	ng/ul	98
28) Dibenzo(a,h)anthracene	25.89	278	4160	0.345	ng/ul	99
29) Benzo(a,h,i)perylene	26.57	276	6031	0.470	ng/ul	98

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

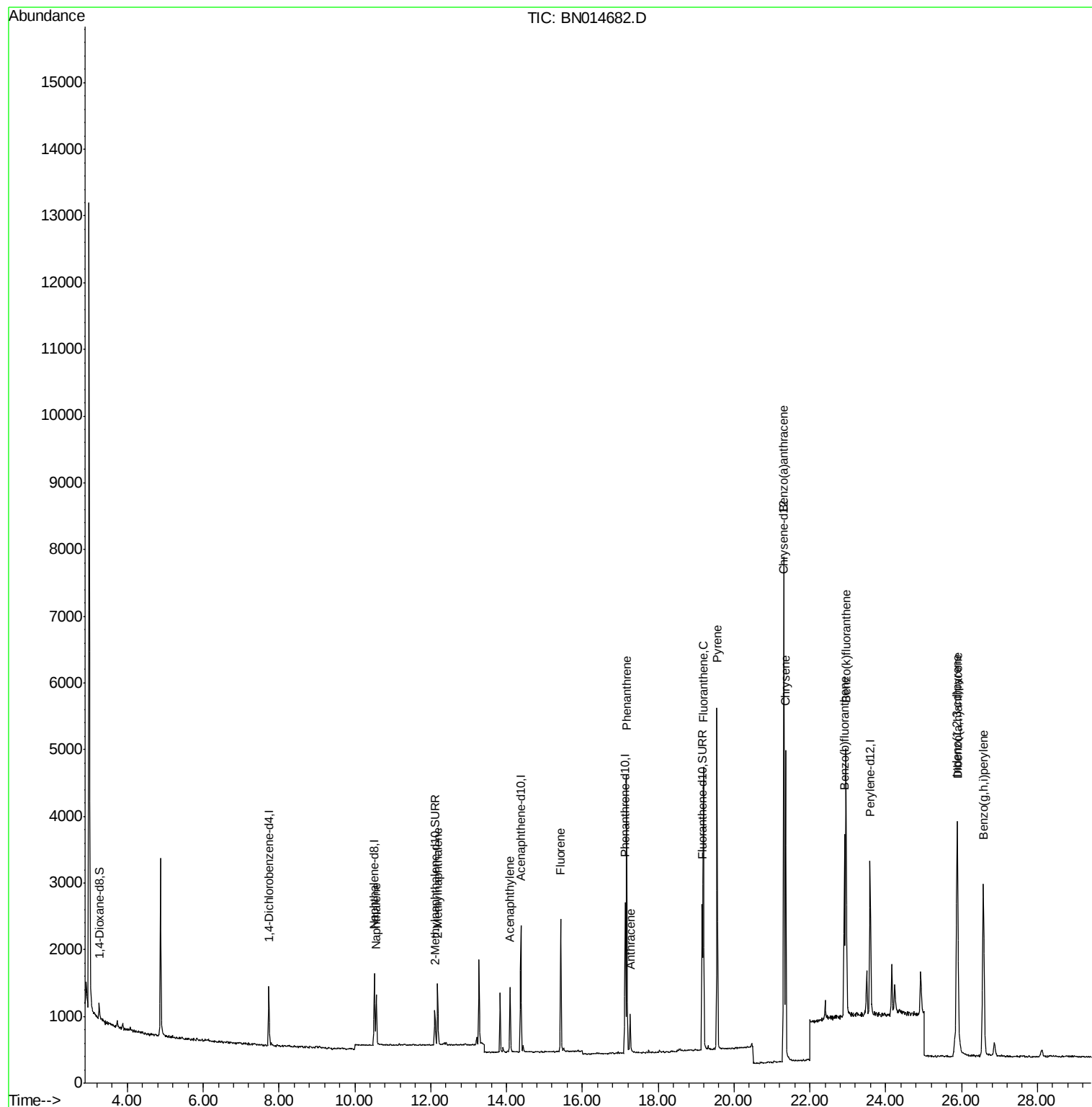
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052021\
Data File : BN014682.D
Acq On : 20 May 2021 16:07
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ALS Vial : 5 Sample Multiplier: 1

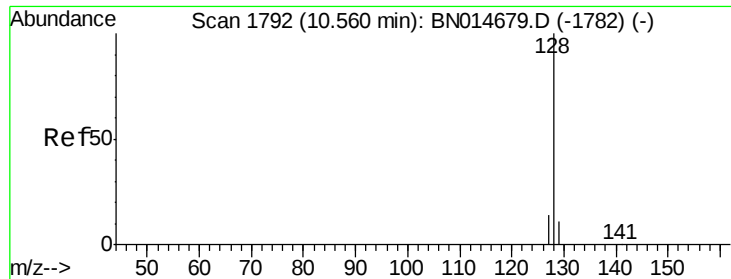
Instrument :
BNA_N
ClientSampled :
X3436

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Quant Time: May 20 16:49:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
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QLast Update : Thu May 20 11:25:34 2021
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.238 ng/ul

RT: 10.57 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BN014682.D

Acq: 20 May 2021 16:07

Instrument :

BNA_N

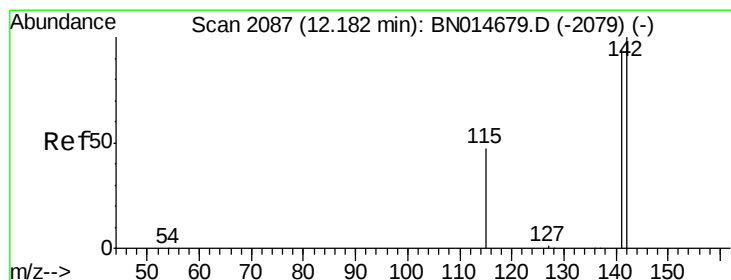
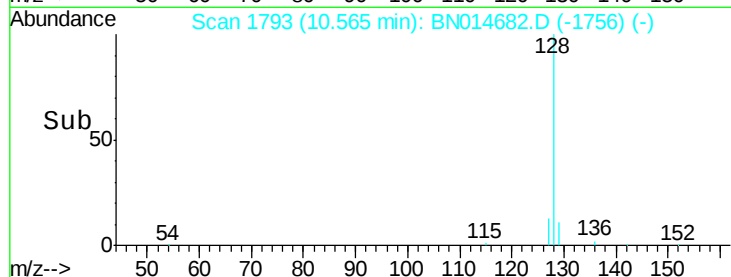
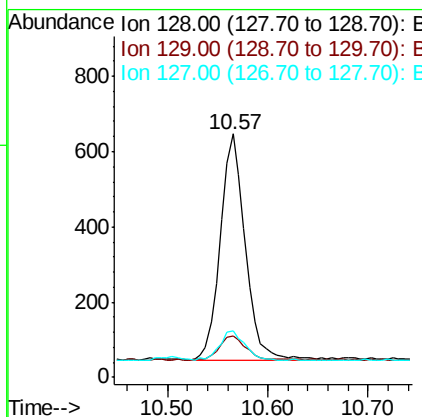
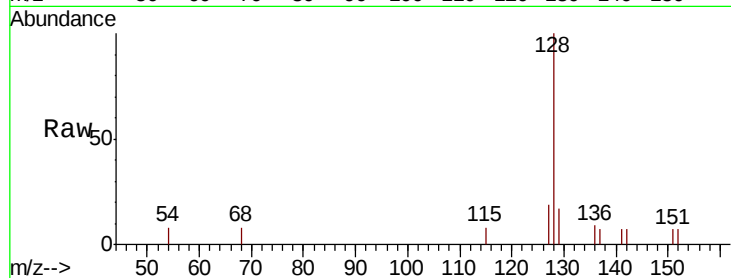
ClientSampleId :

X3436

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.2	10.9	16.3#
127	19.3	15.7	23.5

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#7

2-Methylnaphthalene

Concen: 0.217 ng/ul

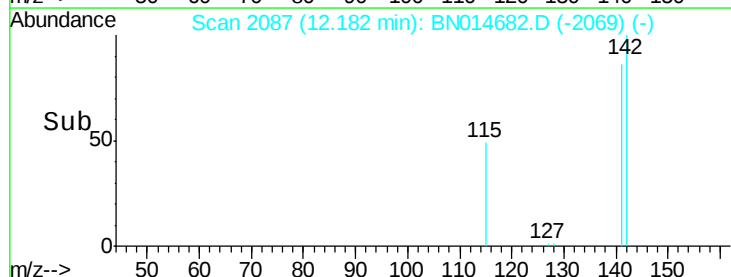
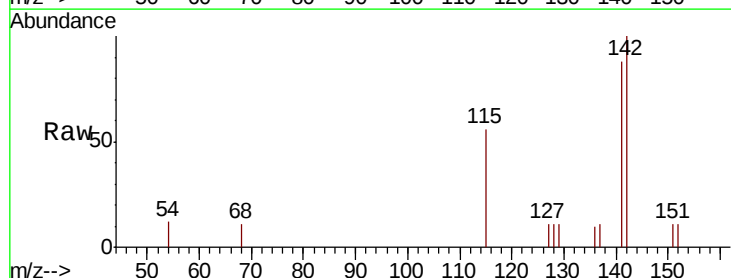
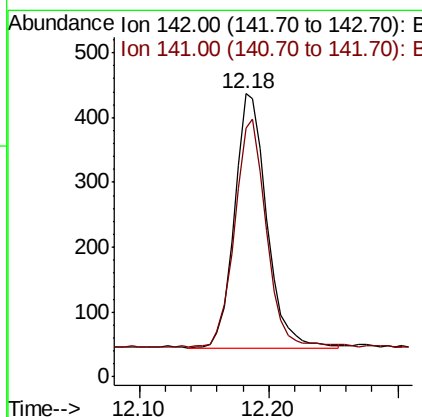
RT: 12.18 min Scan# 2087

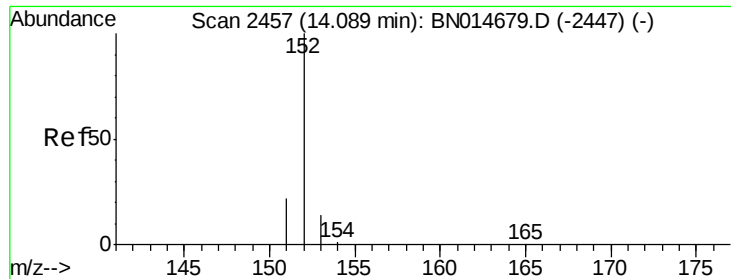
Delta R.T. -0.00 min

Lab File: BN014682.D

Acq: 20 May 2021 16:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.2	105.2





#10

Acenaphthylene

Concen: 0.289 ng/ul

RT: 14.09 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BN014682.D

Acq: 20 May 2021 16:07

Instrument :

BNA_N

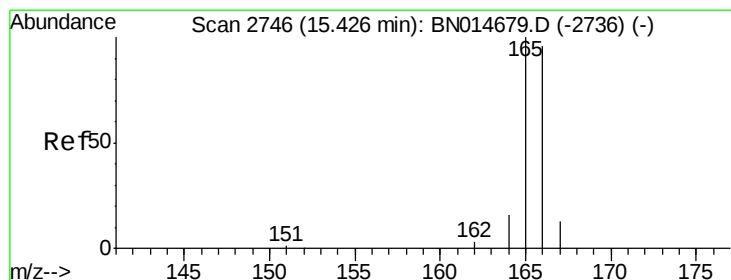
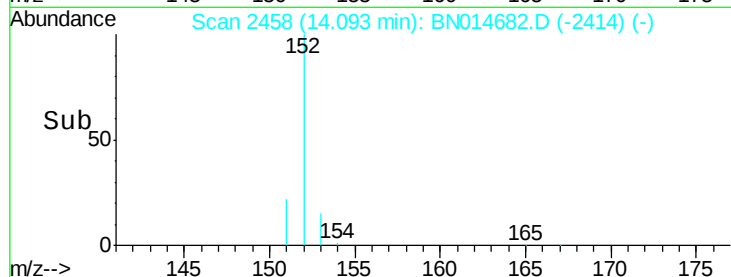
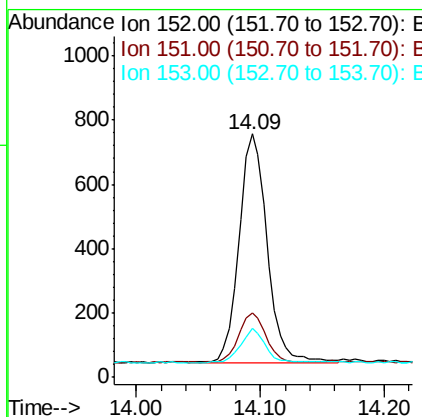
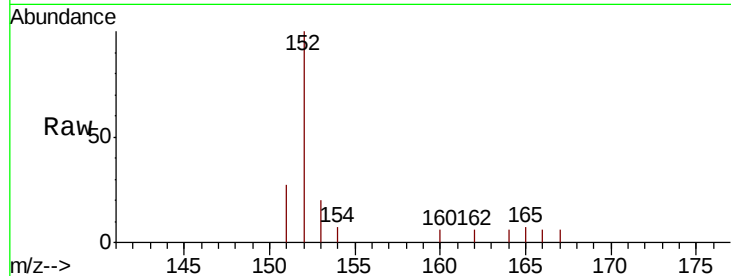
ClientSampled :

X3436

Tot Ion:	152	Resp:	1119
Ion Ratio	Lower	Upper	
152	100		
151	26.6	20.2	30.4
153	19.9	14.2	21.4

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#12

Fluorene

Concen: 0.275 ng/ul

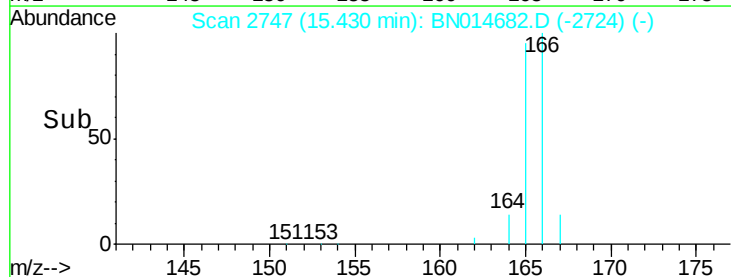
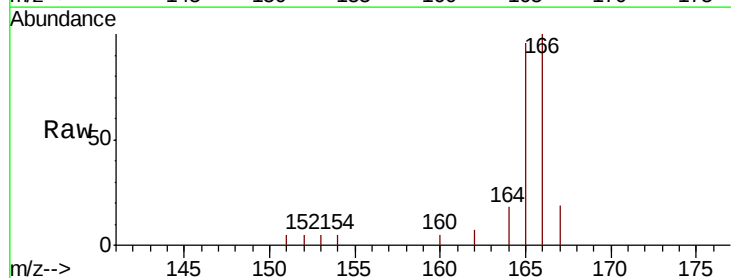
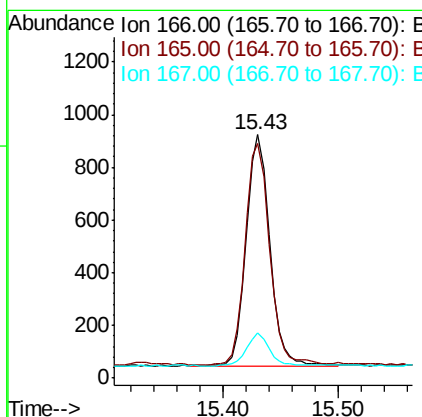
RT: 15.43 min Scan# 2747

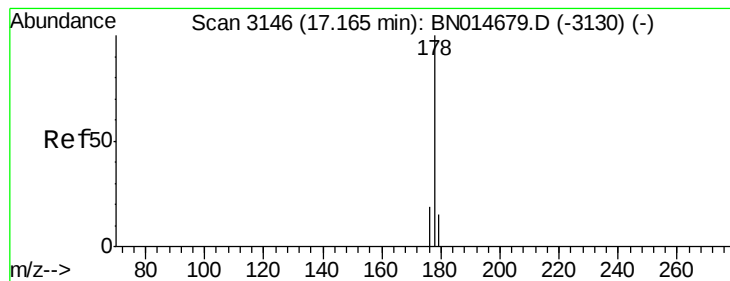
Delta R.T. 0.00 min

Lab File: BN014682.D

Acq: 20 May 2021 16:07

Tgt Ion:	166	Resp:	1248
Ion Ratio	Lower	Upper	
166	100		
165	96.3	79.3	118.9
167	18.6	13.8	20.6





#15

Phenanthrene

Concen: 0.528 ng/ul

RT: 17.17 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BN014682.D

Acq: 20 May 2021 16:07

Instrument :

BNA_N

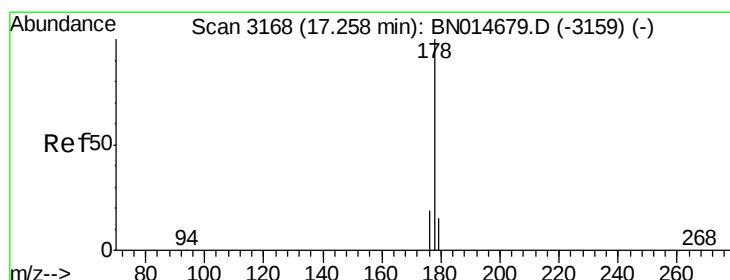
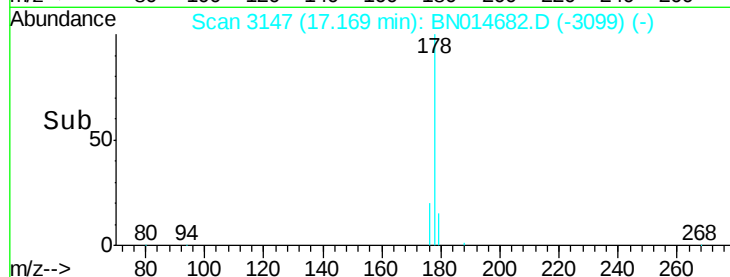
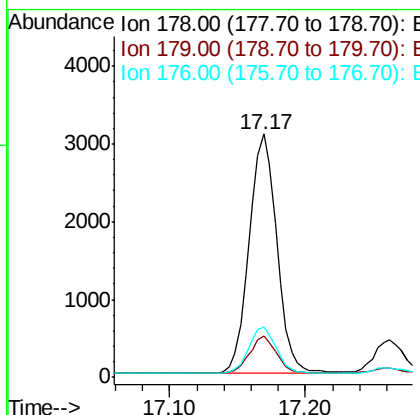
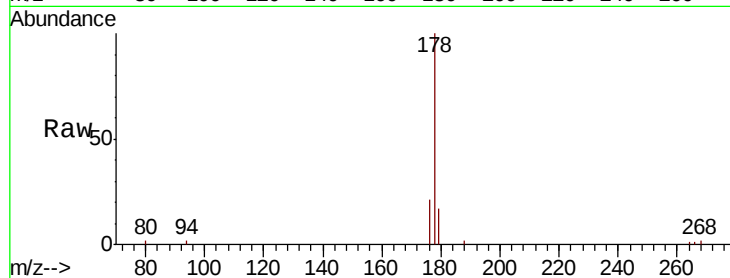
ClientSampleId :

X3436

Tot Ion:178	Resp:	4385
Ion Ratio	Lower	Upper
178	100	
179	16.9	13.8 20.6
176	20.9	16.2 24.4

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#16

Anthracene

Concen: 0.099 ng/ul

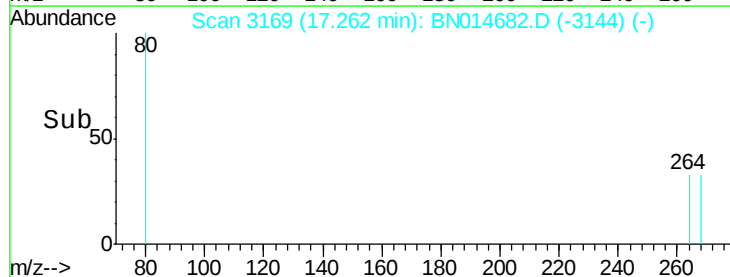
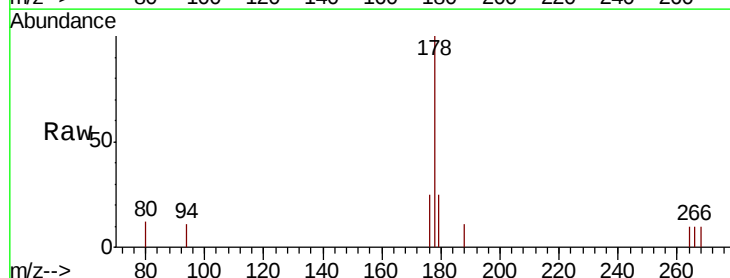
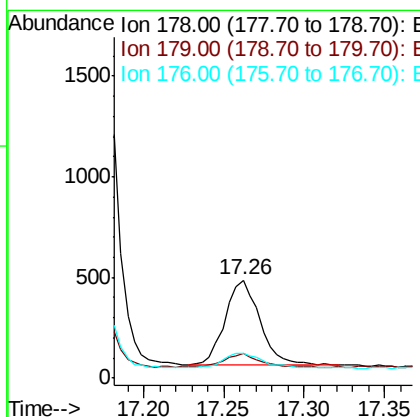
RT: 17.26 min Scan# 3169

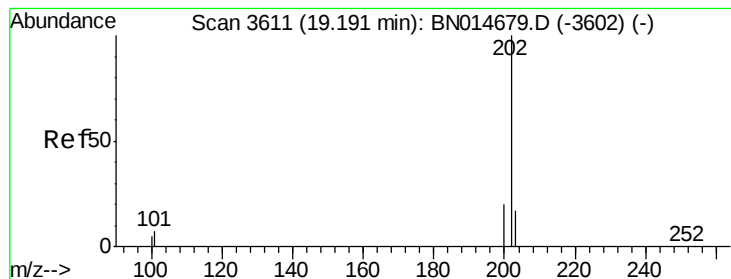
Delta R.T. 0.00 min

Lab File: BN014682.D

Acq: 20 May 2021 16:07

Tgt Ion:178	Resp:	643
Ion Ratio	Lower	Upper
178	100	
179	24.8	14.3 21.5#
176	25.5	17.1 25.7





#19

Fluoranthene

Concen: 0.374 ng/ul

RT: 19.19 min Scan# 3611

Delta R.T. -0.00 min

Lab File: BN014682.D

Acq: 20 May 2021 16:07

Instrument :

BNA_N

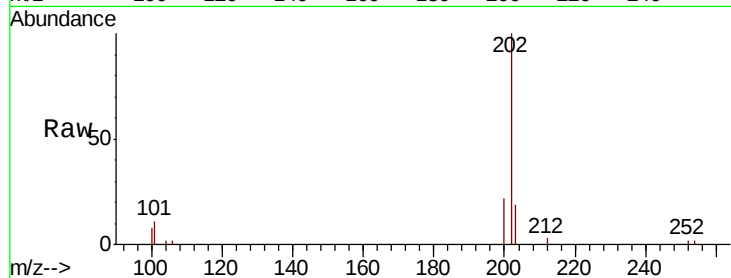
ClientSampleId :

X3436

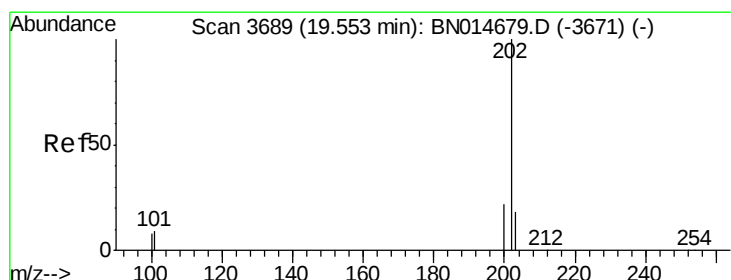
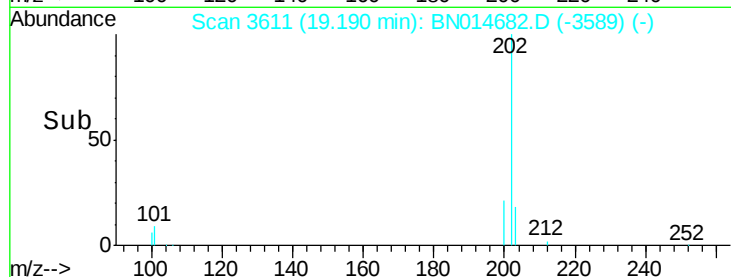
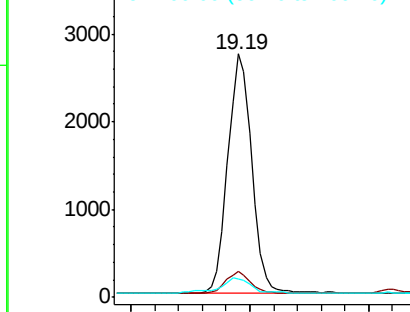
Tot Ion:	202	Resp:	3815
Ion Ratio	Lower	Upper	
202	100		
101	10.6	7.6	11.4
100	7.7	5.9	8.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 0.427 ng/ul

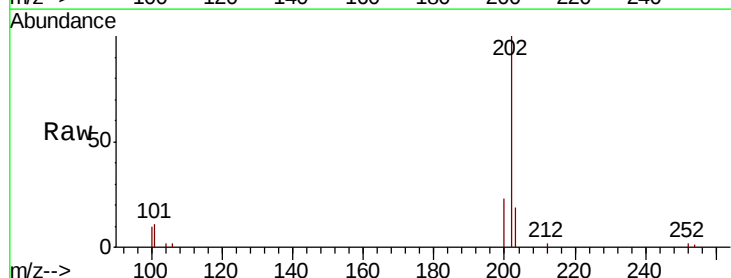
RT: 19.55 min Scan# 3689

Delta R.T. -0.00 min

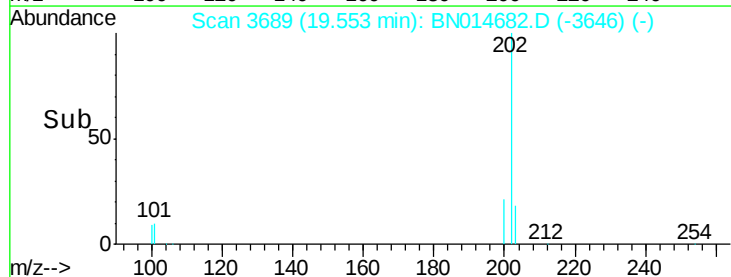
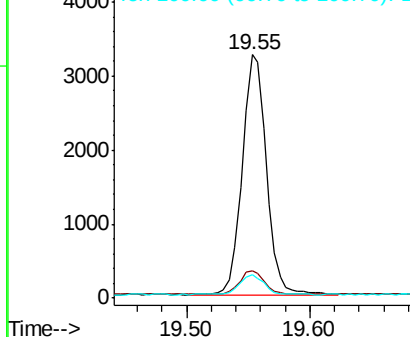
Lab File: BN014682.D

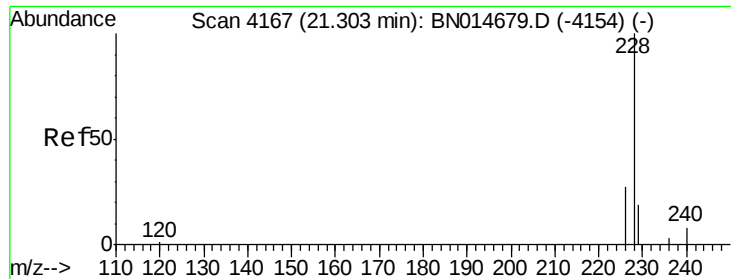
Acq: 20 May 2021 16:07

Tgt Ion:	202	Resp:	4412
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.5	12.7
100	9.8	7.4	11.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





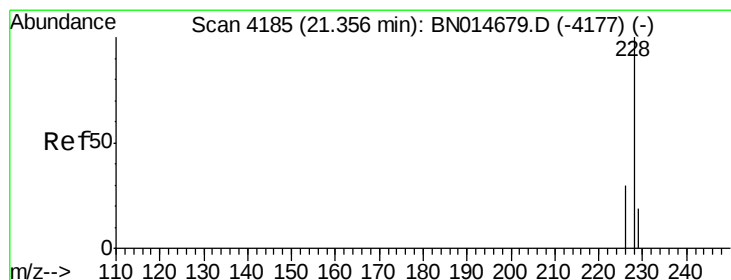
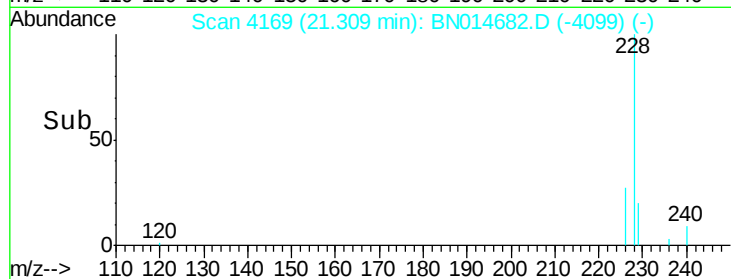
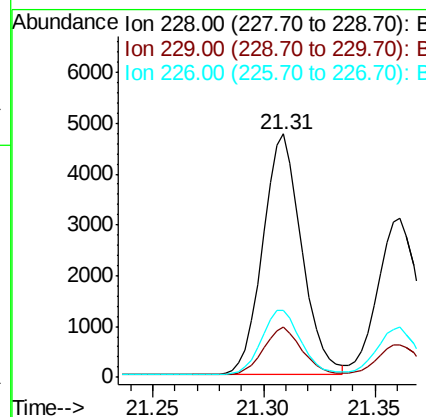
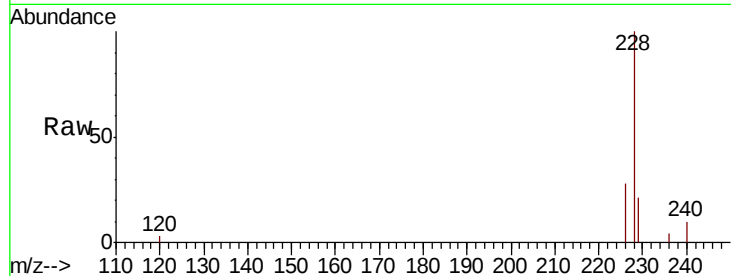
#21
Benzo(a)anthracene
Concen: 0.558 ng/ul
RT: 21.31 min Scan# 4169
Delta R.T. 0.01 min
Lab File: BN014682.D
Acq: 20 May 2021 16:07

Instrument :
BNA_N
ClientSampleId :
X3436

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.3	24.5
226	27.7	22.6	33.8

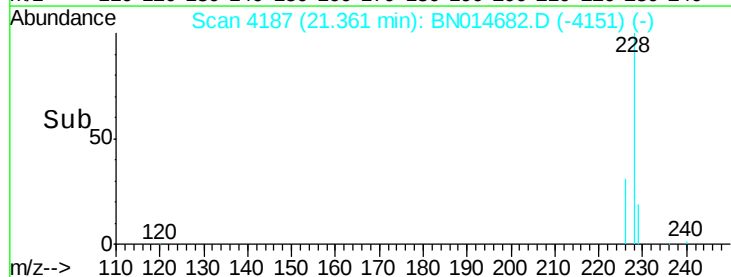
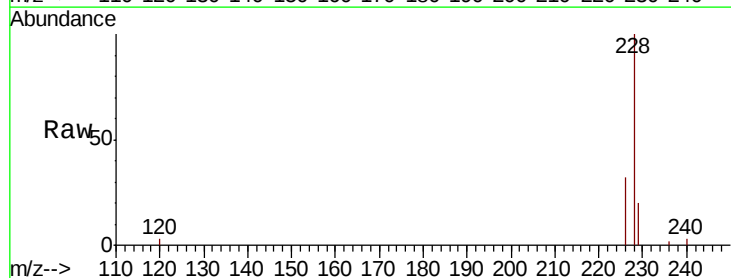
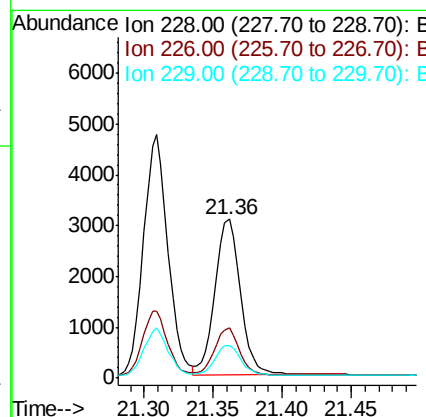
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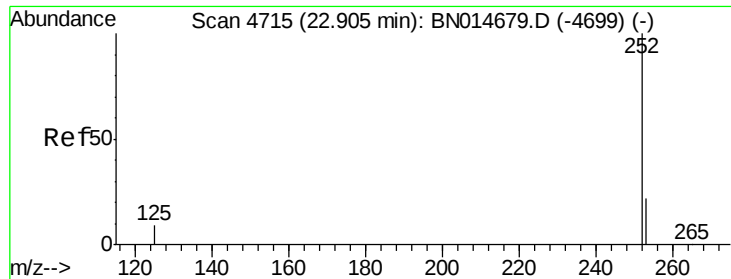
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#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.36 min Scan# 4187
Delta R.T. 0.01 min
Lab File: BN014682.D
Acq: 20 May 2021 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.3	37.9
229	20.5	16.2	24.4





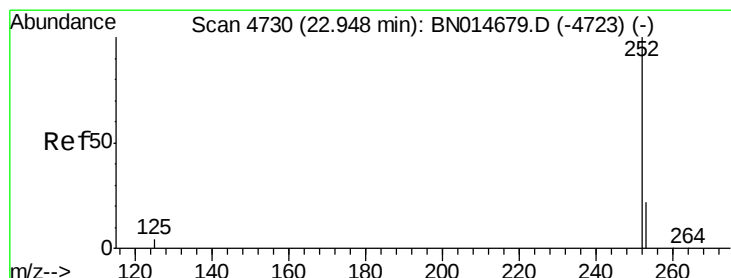
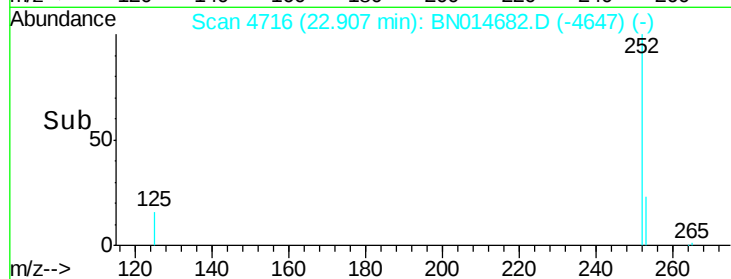
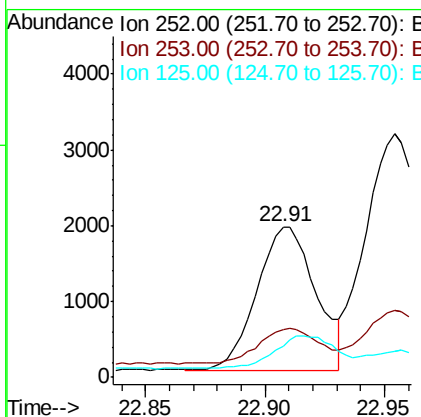
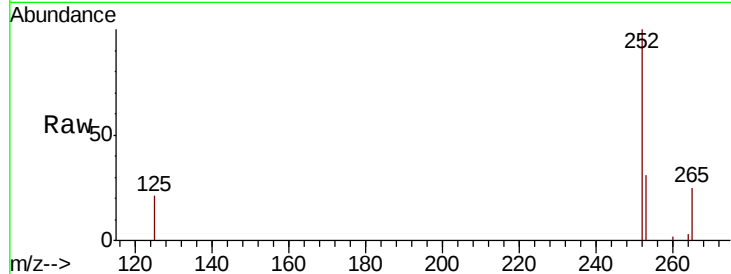
#24
Benzo(b)fluoranthene
Concen: 0.239 ng/ul m
RT: 22.91 min Scan# 4716
Delta R.T. 0.00 min
Lab File: BN014682.D
Acq: 20 May 2021 16:07

Instrument :
BNA_N
ClientSampleId :
X3436

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	50.2
125	21.1	0.0	19.4#

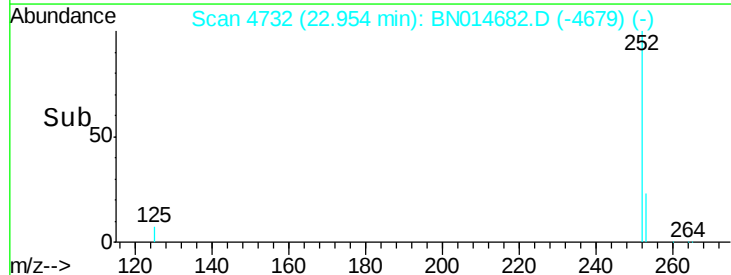
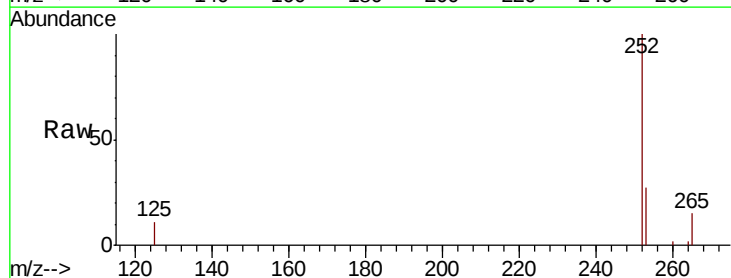
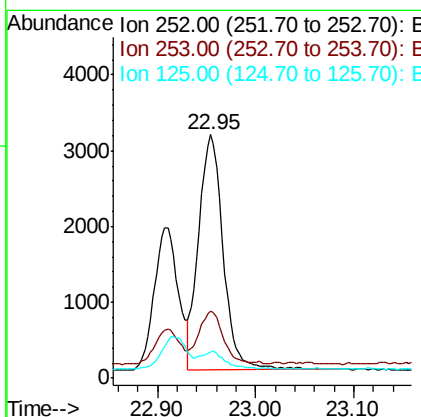
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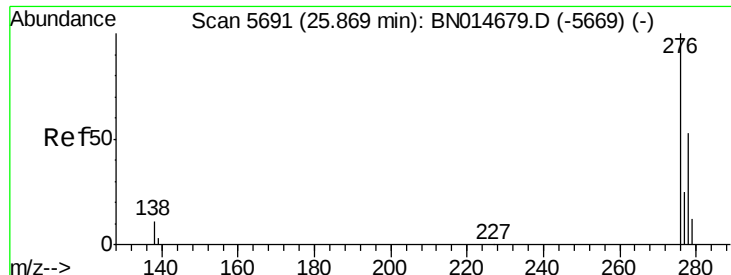
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#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 22.95 min Scan# 4732
Delta R.T. 0.01 min
Lab File: BN014682.D
Acq: 20 May 2021 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.5	30.7
125	10.9	6.9	10.3#





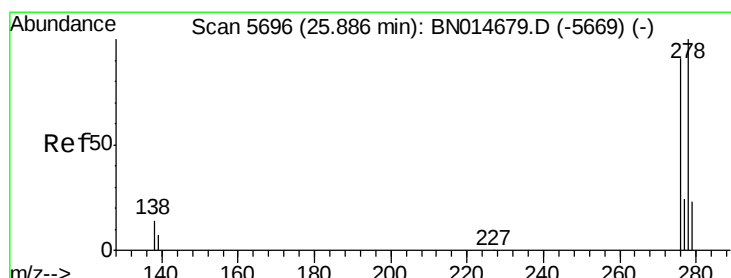
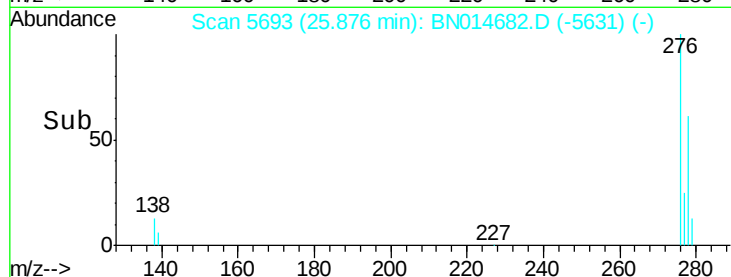
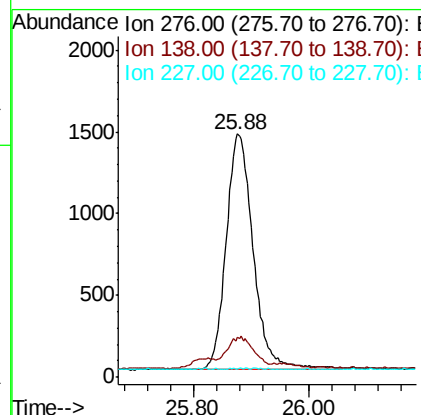
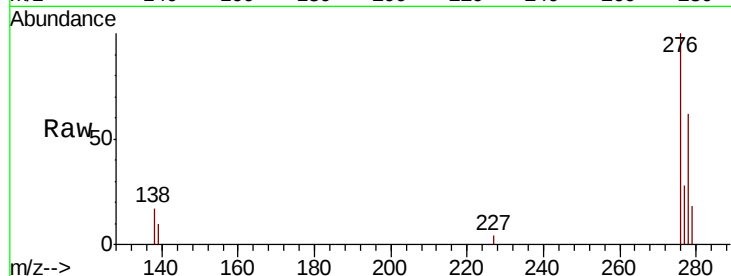
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.312 ng/ul
 RT: 25.88 min Scan# 5693
 Delta R.T. 0.01 min
 Lab File: BN014682.D
 Acq: 20 May 2021 16:07

Instrument :
 BNA_N
 ClientSampleId :
 X3436

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	10.9	16.3
227	0.1	0.1	0.1

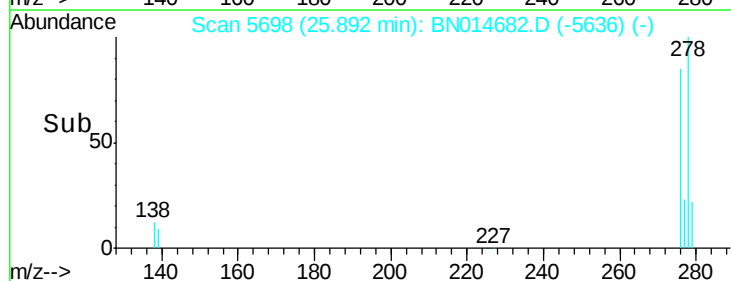
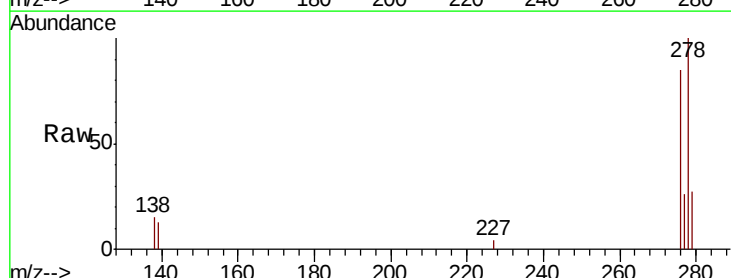
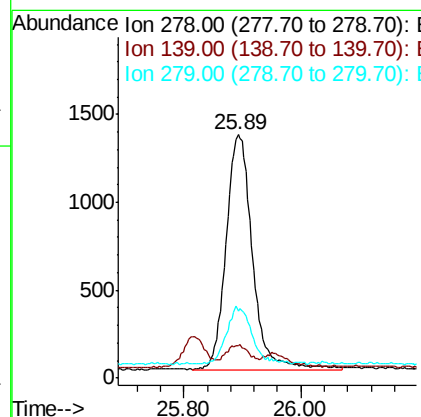
Manual Integrations
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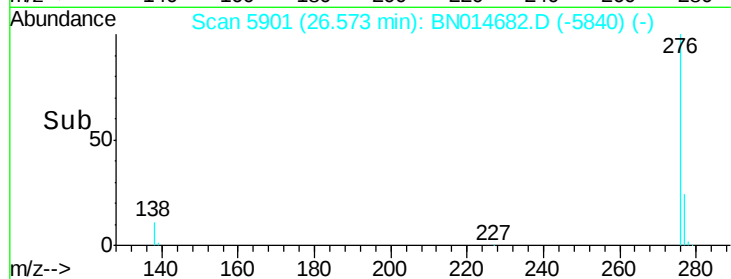
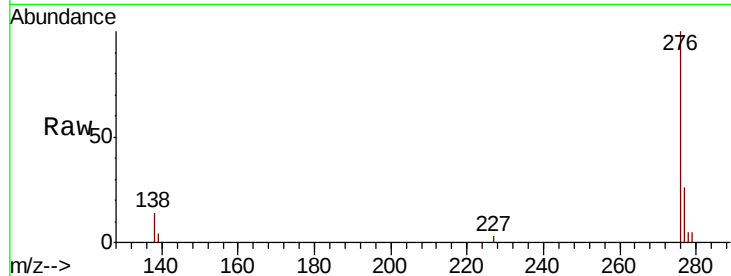
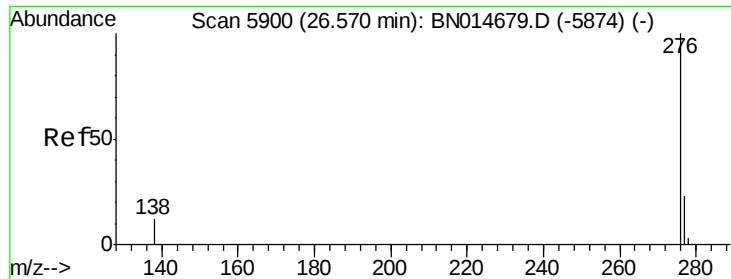
mohammad
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#28
 Dibenzo(a,h)anthracene
 Concen: 0.345 ng/ul
 RT: 25.89 min Scan# 5698
 Delta R.T. 0.01 min
 Lab File: BN014682.D
 Acq: 20 May 2021 16:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.6	16.0
279	27.3	22.6	34.0





#29

Benzo(a,h,i)perylene

Concen: 0.470 ng/ul

RT: 26.57 min Scan# 5901

Delta R.T. 0.00 min

Lab File: BN014682.D

Acq: 20 May 2021 16:07

Tot Ion:	276	Resp:	6031
Ion Ratio	Lower	Upper	
276	100		
138	14.0	11.5	17.3
277	25.7	21.4	32.2

Instrument :

BNA_N

ClientSampleId :

X3436

Manual Integrations
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