

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013045.D
 Acq On : 10 Dec 2020 13:53
 Operator : CG/JU
 Sample : L4941-10DL 5X
 Misc :
 ALS Vial : 115 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B28DL

Manual Integrations
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mohammad
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Quant Time: Dec 10 15:15:58 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 : Thu Dec 10 10:29:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1032	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	4037	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	2205	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4636	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3594	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3306	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	195	0.03	ng/ul	0.01
14) Fluoranthene-d10	18.85	212	442	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	514	0.049	ng/ul#	78
8) Acenaphthene	14.11	153	1109	0.130	ng/ul	99
9) Fluorene	15.11	166	1199	0.122	ng/ul	99
12) Phenanthrene	16.84	178	28082	1.807	ng/ul	97
13) Anthracene	16.93	178	6003	0.454	ng/ul	97
15) Fluoranthene	18.87	202	56055	3.035	ng/ul	97
17) Pyrene	19.24	202	47159	2.778	ng/ul	99
18) Benzo(a)anthracene	21.01	228	21317	1.434	ng/ul	98
19) Chrysene	21.06	228	22493	1.369	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	27992m	1.830	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	10449m	0.618	ng/ul	
23) Benzo(a)pyrene	23.03	252	17988m	1.268	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	11549	0.620	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.18	278	2899	0.197	ng/ul	92
26) Benzo(g,h,i)perylene	25.80	276	9669	0.573	ng/ul	98

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

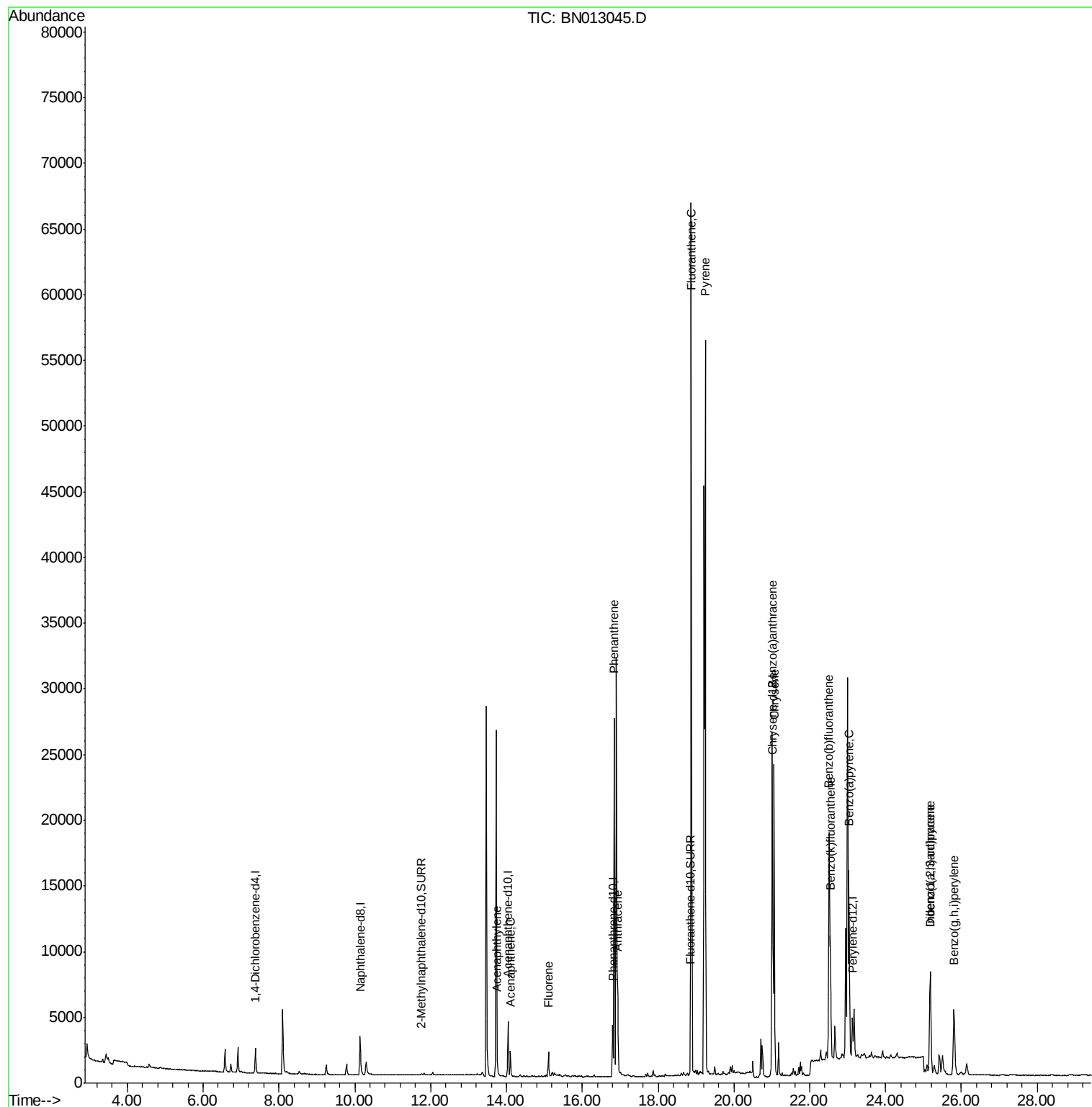
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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ALS Vial : 115 Sample Multiplier: 1

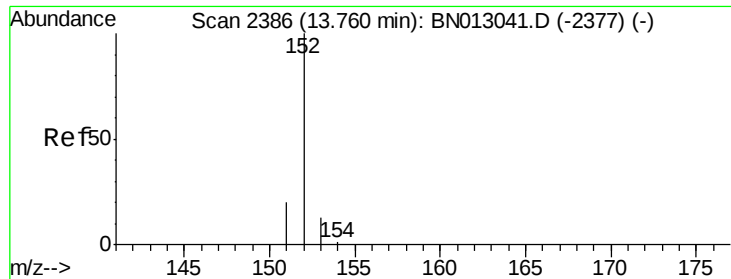
Instrument :
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Quant Time: Dec 10 15:15:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 10:29:27 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BN013045.D

Acq: 10 Dec 2020 13:53

Instrument :

BNA_N

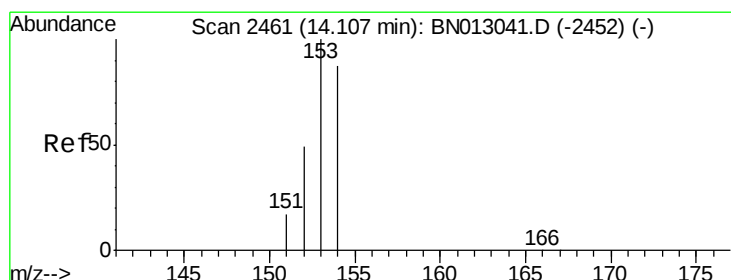
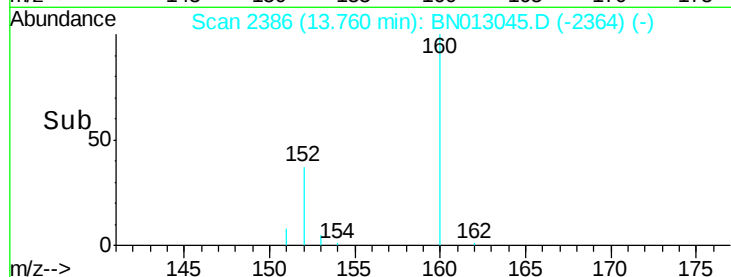
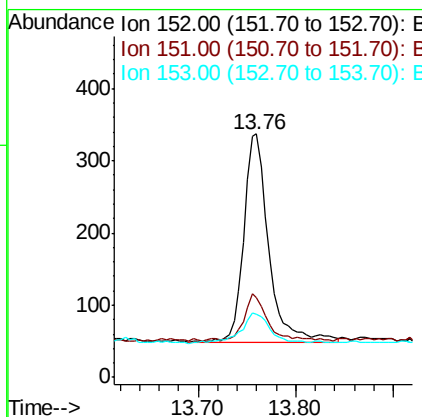
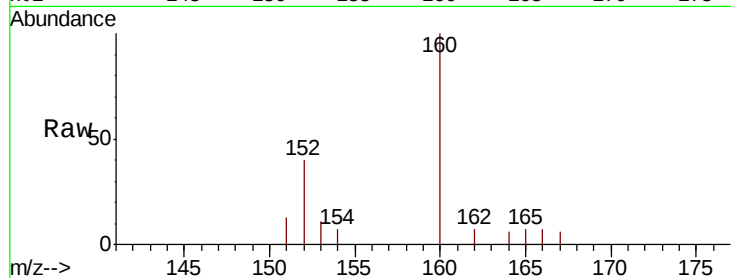
ClientSampleId :

C0B28DL

Tot Ion:	152	Resp:	514
Ion Ratio	Lower	Upper	
152	100		
151	32.9	18.2	27.4#
153	26.1	13.1	19.7#

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#8

Acenaphthene

Concen: 0.130 ng/ul

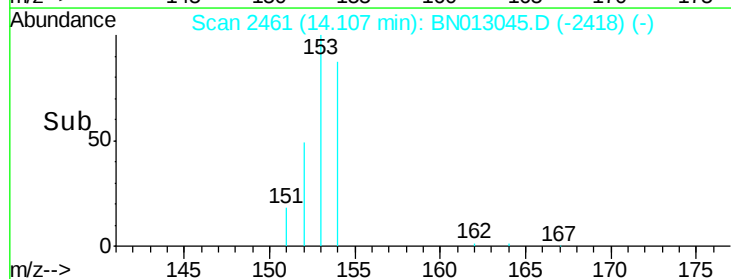
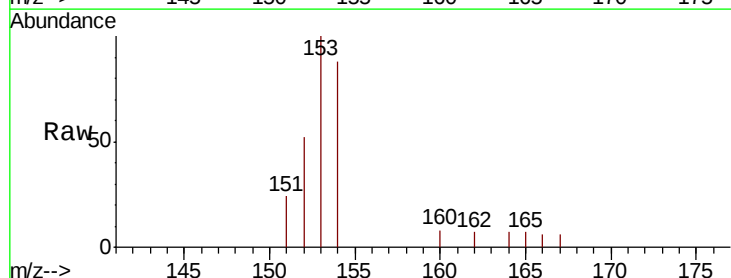
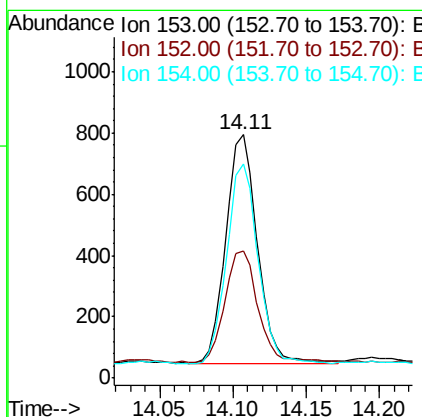
RT: 14.11 min Scan# 2461

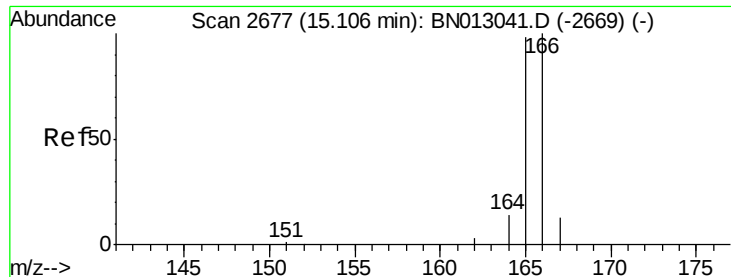
Delta R.T. -0.00 min

Lab File: BN013045.D

Acq: 10 Dec 2020 13:53

Tgt Ion:	153	Resp:	1109
Ion Ratio	Lower	Upper	
153	100		
152	52.2	40.7	61.1
154	87.9	70.8	106.2





#9

Fluorene

Concen: 0.122 ng/ul

RT: 15.11 min Scan# 2677

Delta R.T. -0.00 min

Lab File: BN013045.D

Acq: 10 Dec 2020 13:53

Instrument :

BNA_N

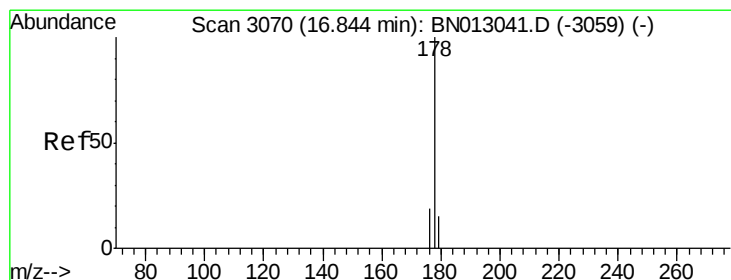
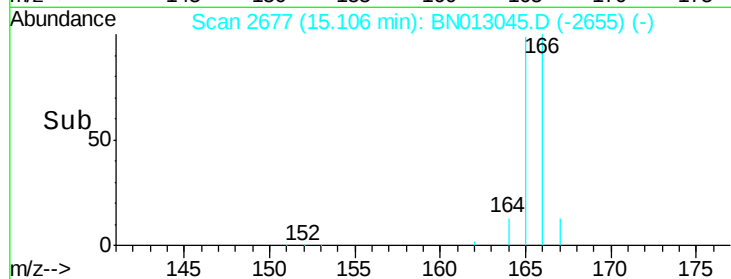
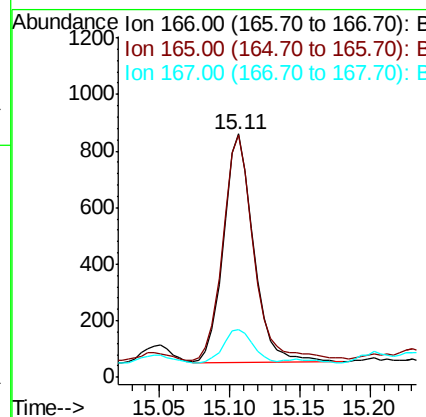
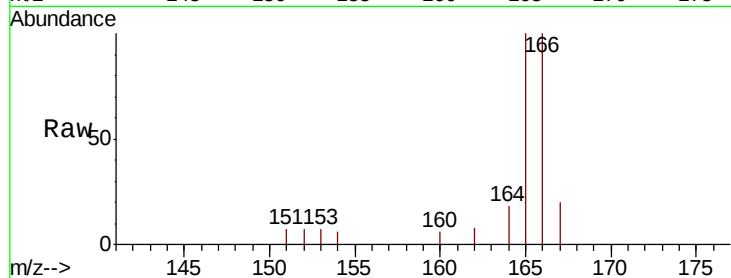
ClientSampleId :

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Tot Ion:	166	Resp:	1199
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.8	119.8
167	19.7	13.8	20.8

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#12

Phenanthrene

Concen: 1.807 ng/ul

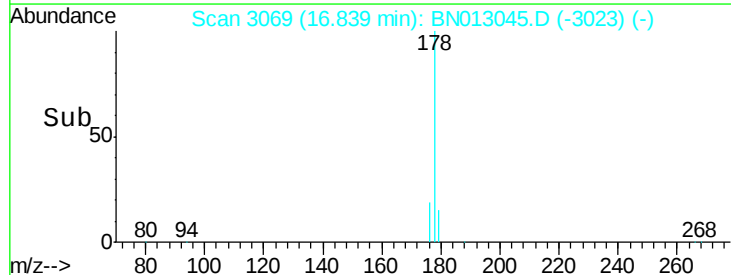
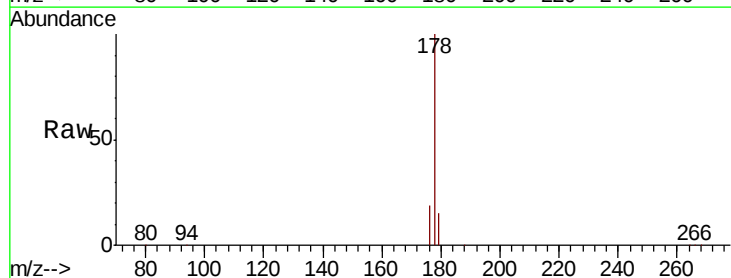
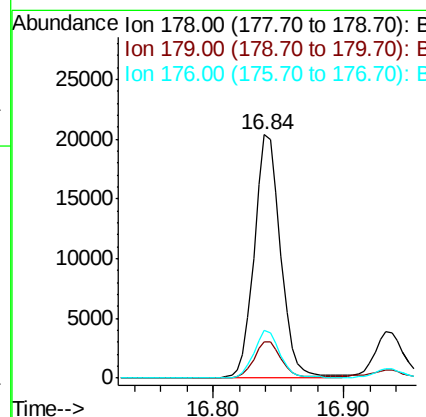
RT: 16.84 min Scan# 3069

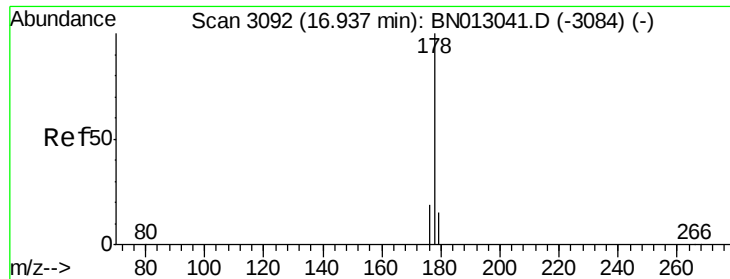
Delta R.T. -0.00 min

Lab File: BN013045.D

Acq: 10 Dec 2020 13:53

Tgt Ion:	178	Resp:	28082
Ion Ratio	Lower	Upper	
178	100		
179	15.1	13.6	20.4
176	19.4	16.4	24.6





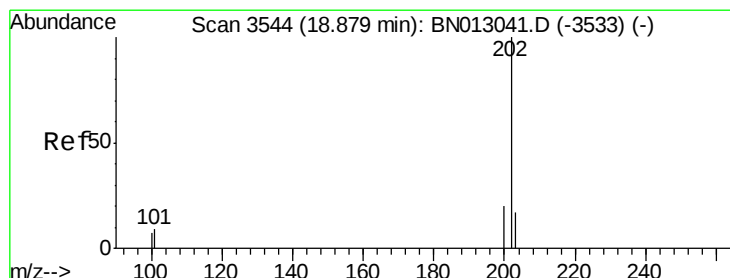
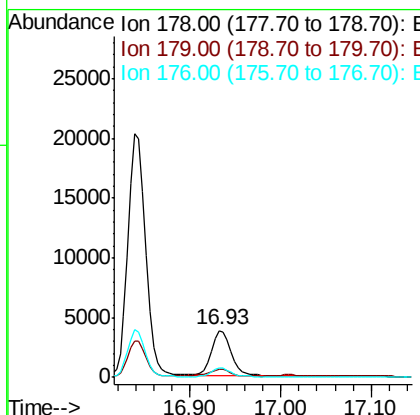
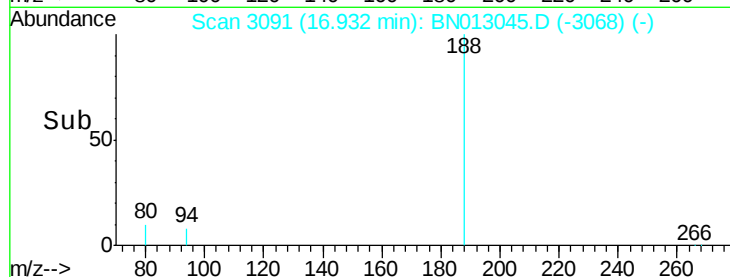
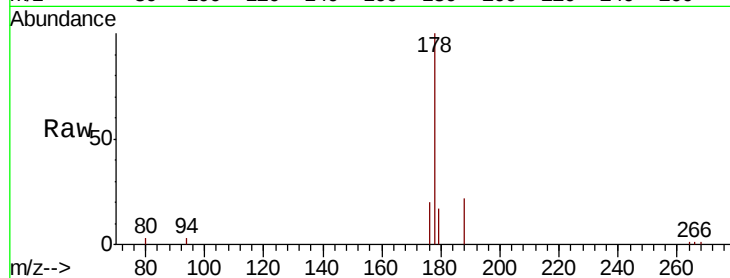
#13
 Anthracene
 Concen: 0.454 ng/ul
 RT: 16.93 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BN013045.D
 Acq: 10 Dec 2020 13:53

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	17.1	14.6	21.8
176	19.7	17.1	25.7

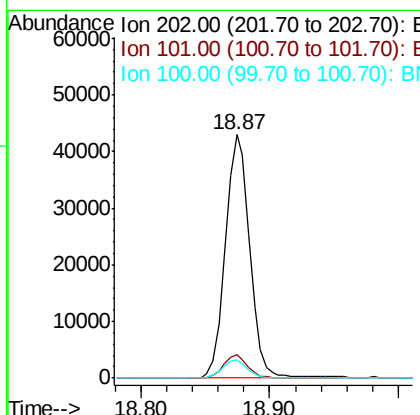
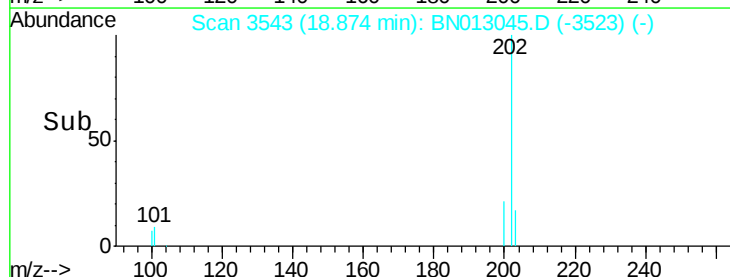
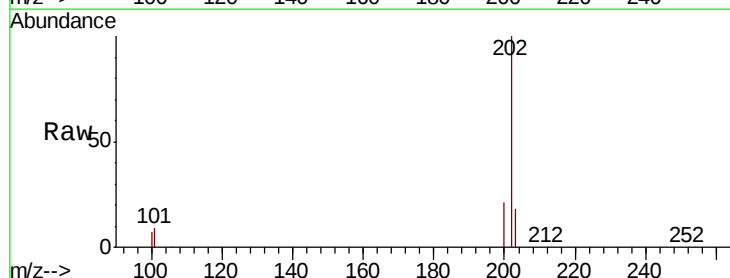
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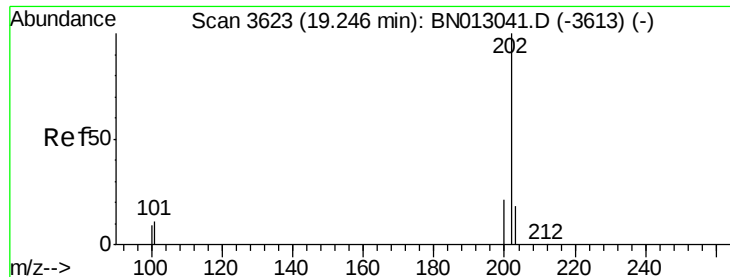
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#15
 Fluoranthene
 Concen: 3.035 ng/ul
 RT: 18.87 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: BN013045.D
 Acq: 10 Dec 2020 13:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.6
100	7.4	0.0	28.7





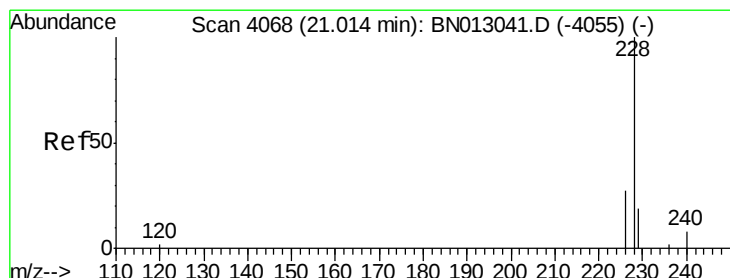
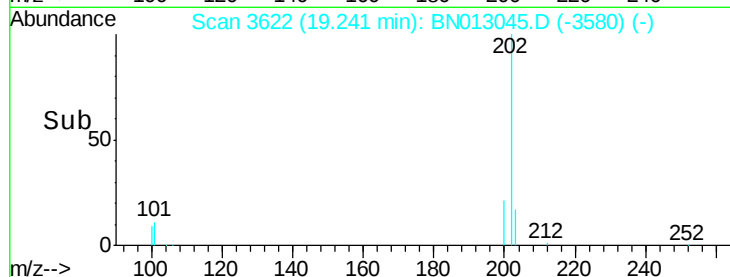
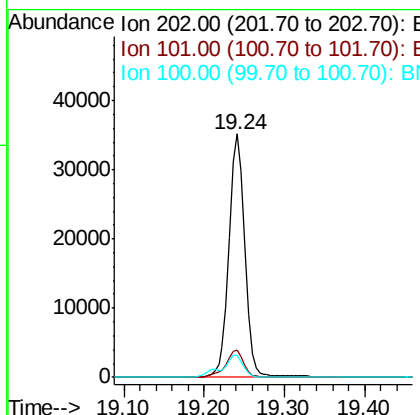
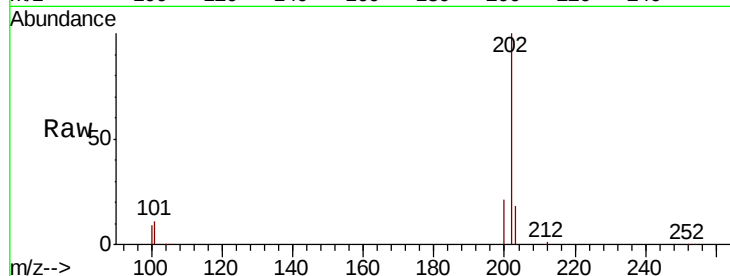
#17
Pvrene
Concen: 2.778 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.00 min
Lab File: BN013045.D
Acq: 10 Dec 2020 13:53

Instrument :
BNA_N
ClientSampleId :
C0B28DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	9.1	13.7
100	8.9	7.5	11.3

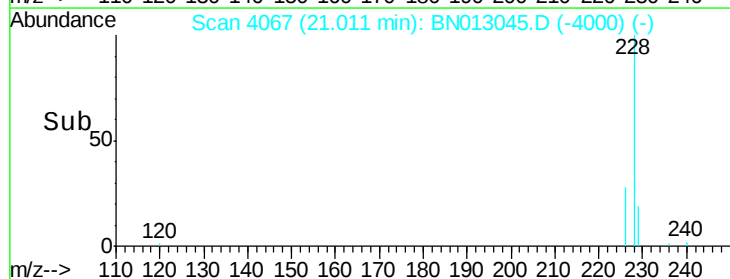
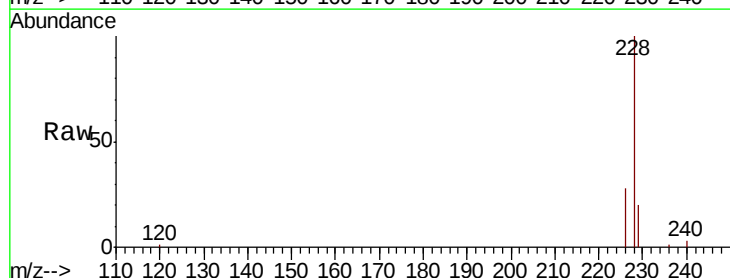
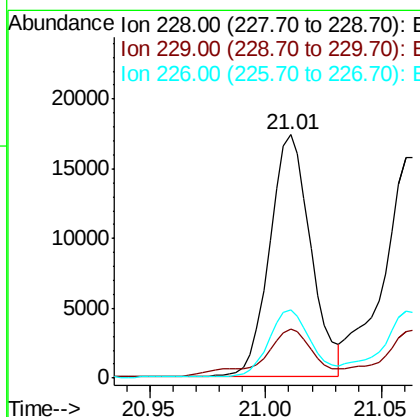
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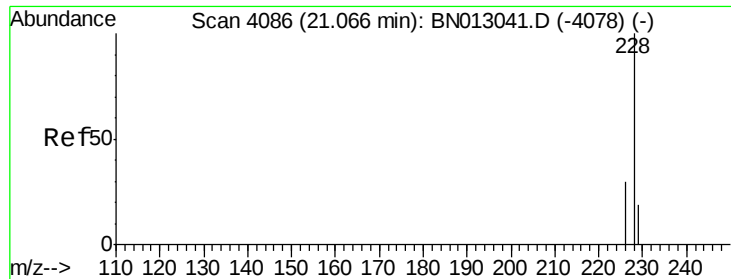
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#18
Benzo(a)anthracene
Concen: 1.434 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.00 min
Lab File: BN013045.D
Acq: 10 Dec 2020 13:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	16.3	24.5
226	28.0	23.4	35.2





#19

Chrysene

Concen: 1.369 ng/ul

RT: 21.06 min Scan# 4084

Delta R.T. -0.01 min

Lab File: BN013045.D

Acq: 10 Dec 2020 13:53

Instrument :

BNA_N

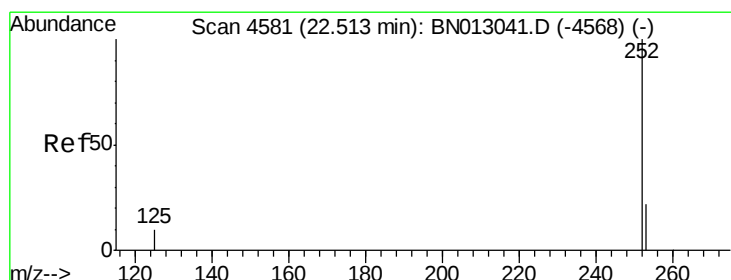
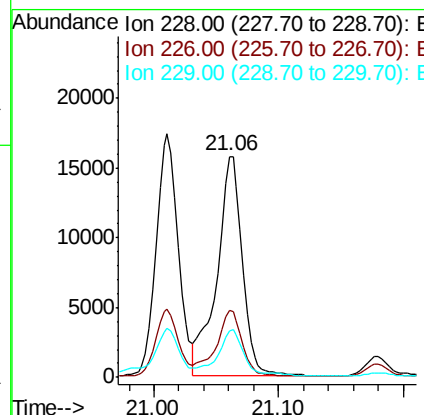
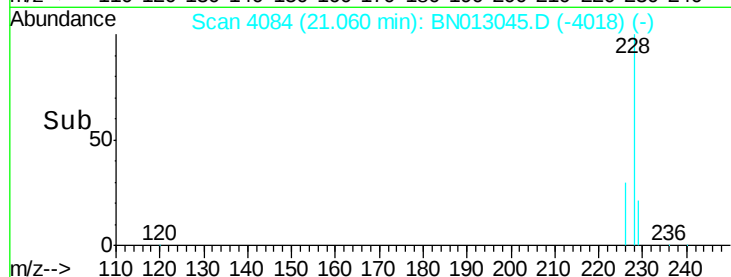
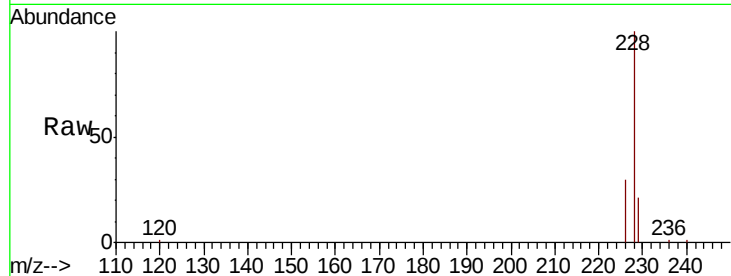
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Tot Ion:	228	Resp:	22493
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	21.0	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 1.830 ng/ul m

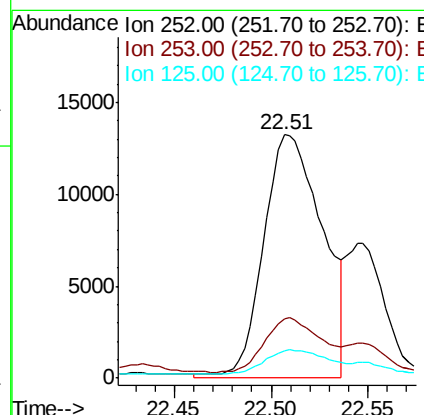
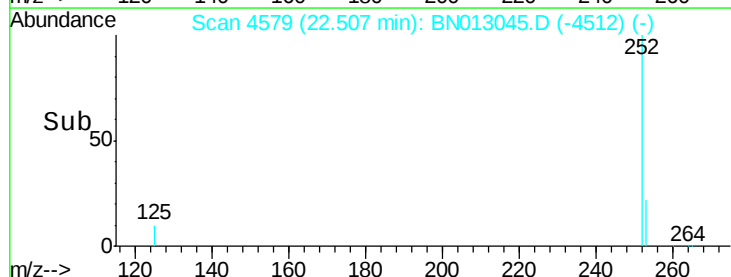
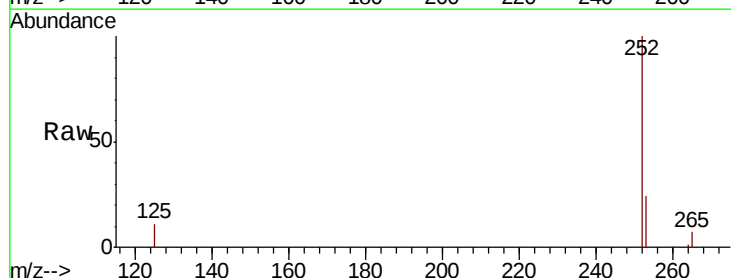
RT: 22.51 min Scan# 4579

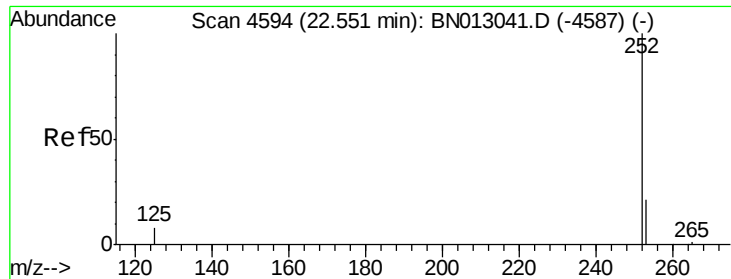
Delta R.T. -0.00 min

Lab File: BN013045.D

Acq: 10 Dec 2020 13:53

Tgt Ion:	252	Resp:	27992
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	59.6
125	11.2	0.0	26.0





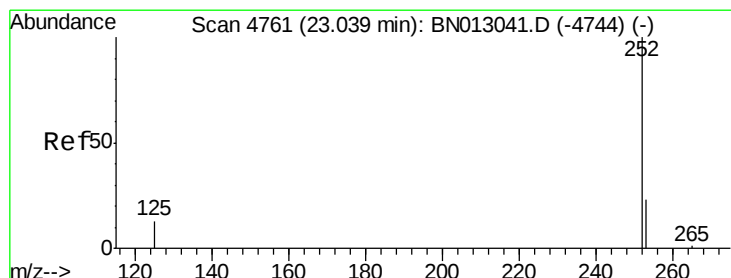
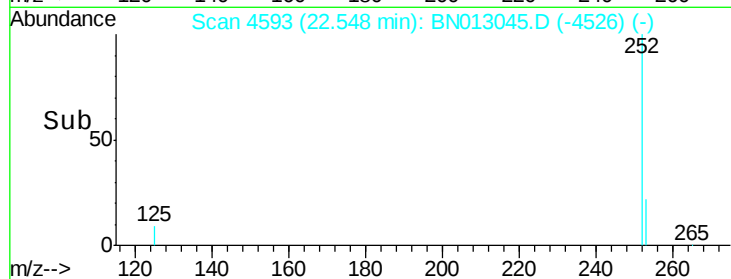
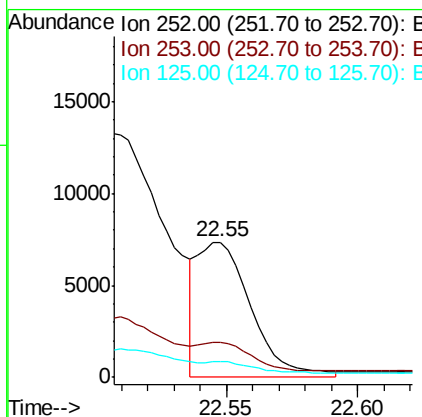
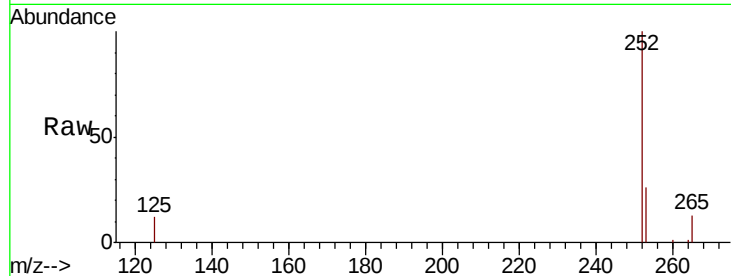
#22
Benzo(k)fluoranthene
Concen: 0.618 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.00 min
Lab File: BN013045.D
Acq: 10 Dec 2020 13:53

Instrument :
BNA_N
ClientSampleId :
C0B28DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	23.4	35.2
125	11.9	11.1	16.7

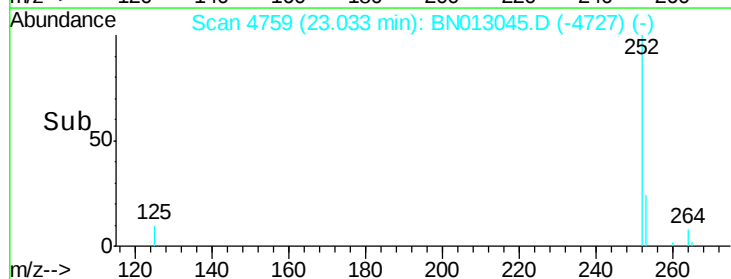
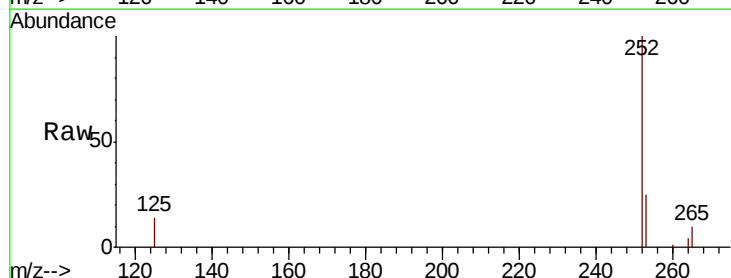
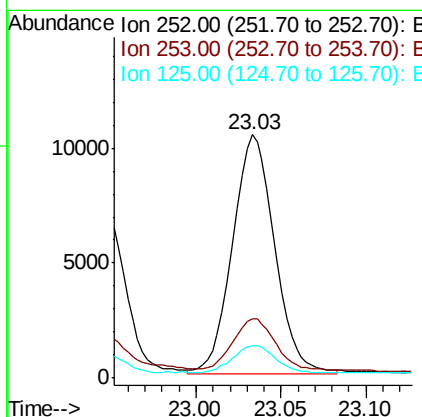
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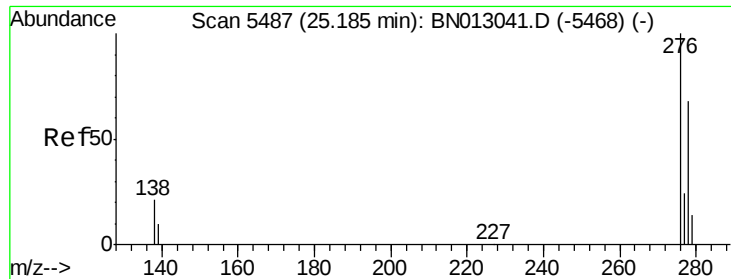
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#23
Benzo(a)pyrene
Concen: 1.268 ng/ul m
RT: 23.03 min Scan# 4759
Delta R.T. -0.01 min
Lab File: BN013045.D
Acq: 10 Dec 2020 13:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	26.5	39.7#
125	13.5	14.2	21.2#





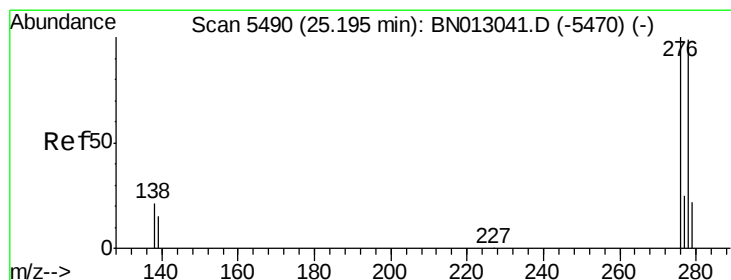
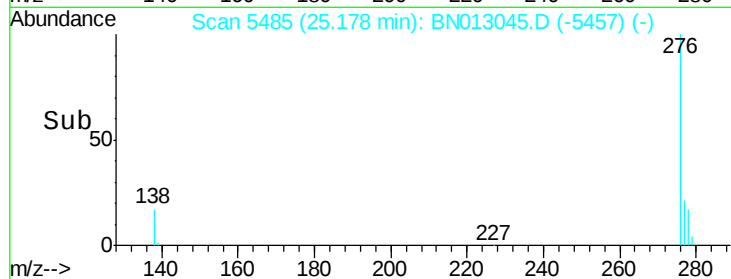
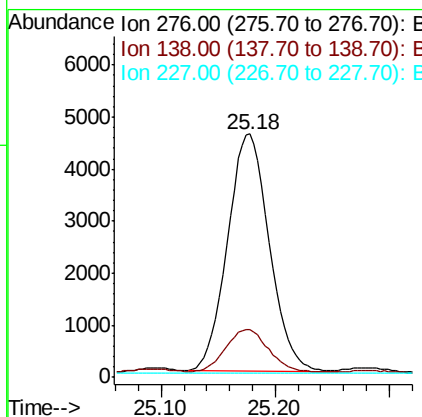
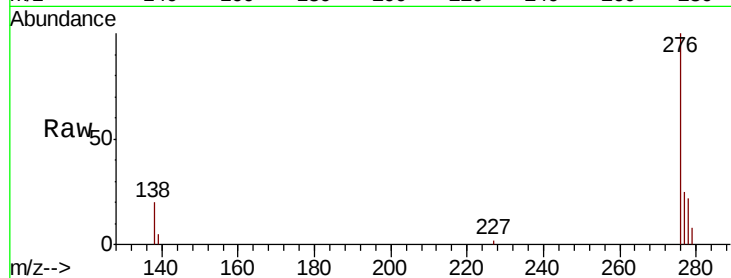
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.620 ng/ul
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN013045.D
Acq: 10 Dec 2020 13:53

Instrument :
BNA_N
ClientSampleId :
C0B28DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.2	24.2
227	0.1	0.0	0.0

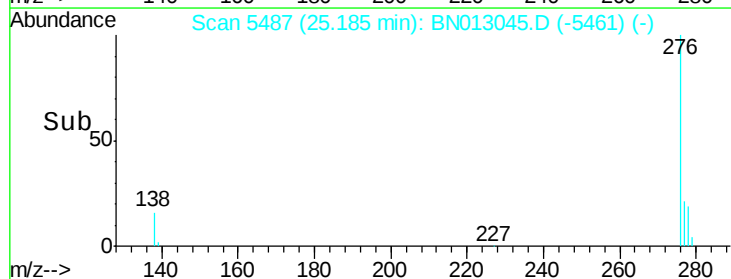
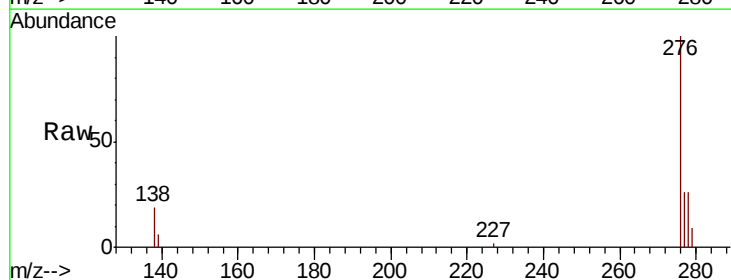
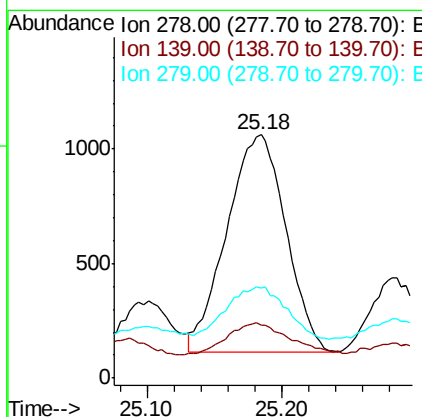
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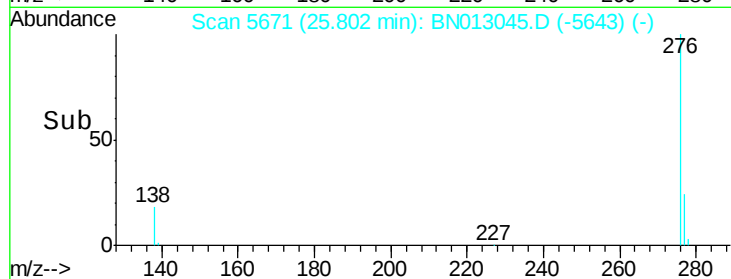
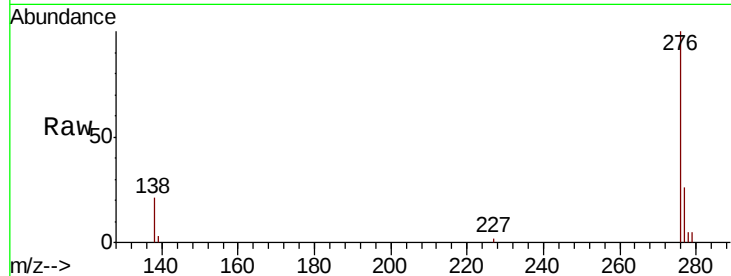
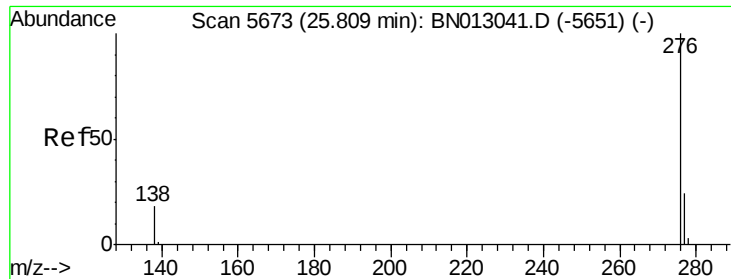
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 0.197 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013045.D
Acq: 10 Dec 2020 13:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	14.5	21.7
279	37.2	26.3	39.5





#26
Benzo(a,h,i)perylene
Concen: 0.573 ng/ul
RT: 25.80 min Scan# 5671
Delta R.T. -0.01 min
Lab File: BN013045.D
Acq: 10 Dec 2020 13:53

Tot Ion:	276	Resp:	9669
Ion Ratio	Lower	Upper	
276	100		
138	20.6	16.3	24.5
277	26.0	21.8	32.6

Instrument :
BNA_N
ClientSampleId :
C0B28DL

Manual Integrations
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