

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013050.D
 Acq On : 10 Dec 2020 16:54
 Operator : CG/JU
 Sample : L4941-11DL 2X
 Misc :
 ALS Vial : 120 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B30DL

Manual Integrations
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Quant Time: Dec 10 17:27:46 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	1074	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	4434	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	2476	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5197	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4109	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3885	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	474	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	1131	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	300	0.023	ng/ul#	68
5) 2-Methylnaphthalene	11.82	142	185	0.022	ng/ul	98
7) Acenaphthylene	13.76	152	1008	0.086	ng/ul	93
8) Acenaphthene	14.10	153	202	0.021	ng/ul#	89
9) Fluorene	15.11	166	290	0.026	ng/ul#	90
12) Phenanthrene	16.84	178	8365	0.480	ng/ul	97
13) Anthracene	16.93	178	1772	0.119	ng/ul	98
15) Fluoranthene	18.87	202	26578	1.284	ng/ul	99
17) Pyrene	19.24	202	24361	1.255	ng/ul	98
18) Benzo(a)anthracene	21.01	228	11971	0.704	ng/ul	99
19) Chrysene	21.06	228	13487	0.718	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	18625m	1.036	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	6421m	0.323	ng/ul	
23) Benzo(a)pyrene	23.03	252	12293	0.737	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.17	276	8314	0.380	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.18	278	2013	0.116	ng/ul#	80
26) Benzo(a,h,i)perylene	25.80	276	7233	0.365	ng/ul	97

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

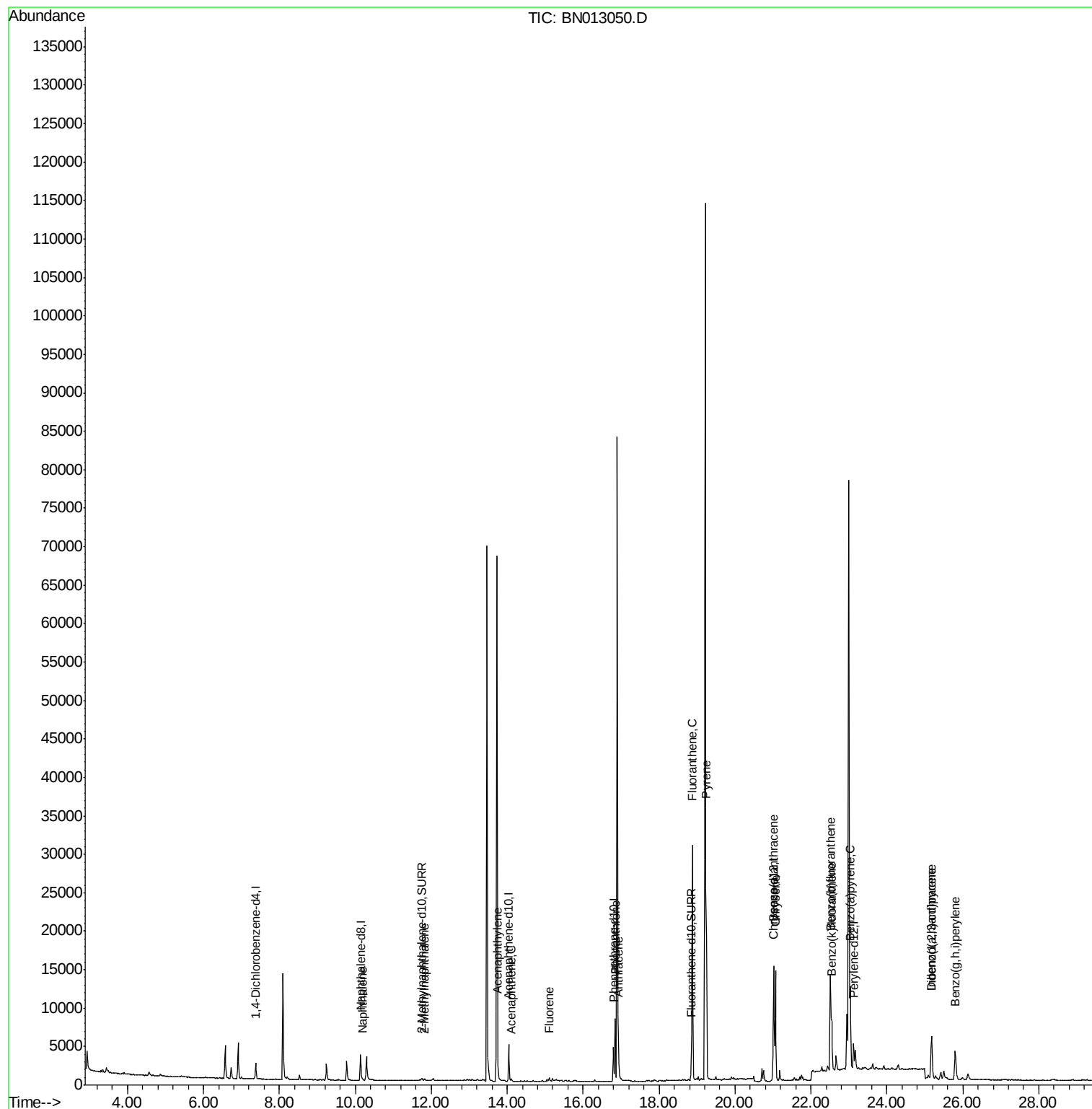
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013050.D
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ALS Vial : 120 Sample Multiplier: 1

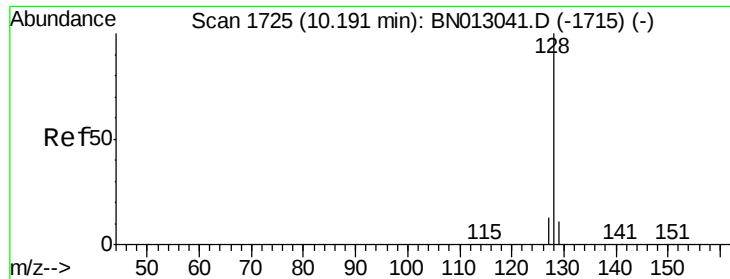
Instrument :
BNA_N
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Quant Time: Dec 10 17:27:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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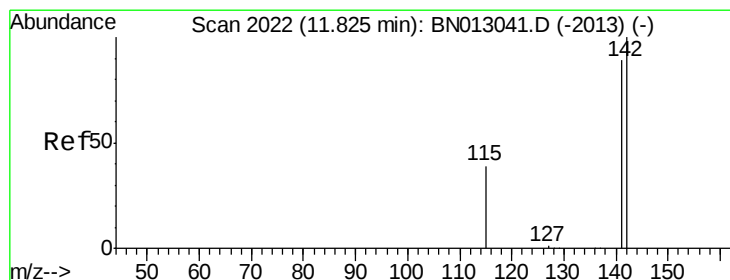
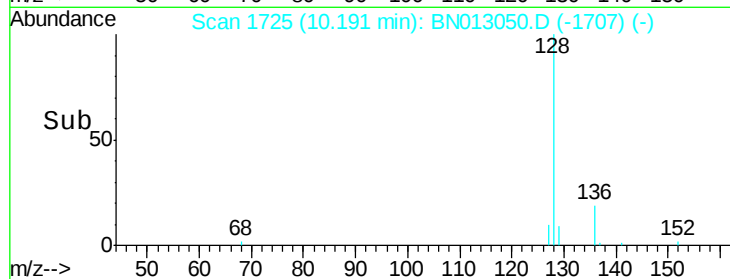
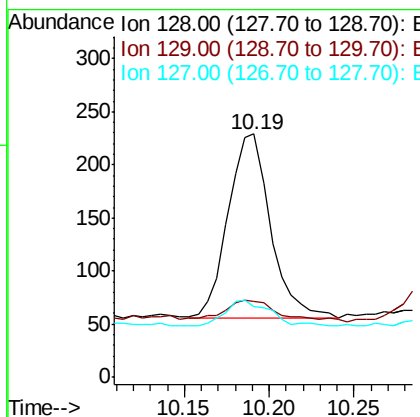
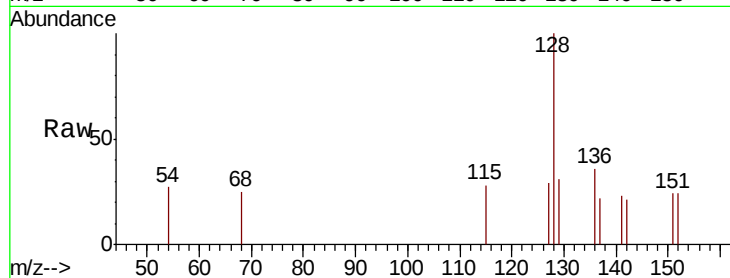
#3
Naphthalene
Concen: 0.023 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BN013050.D
Acq: 10 Dec 2020 16:54

Instrument :
BNA_N
ClientSampleId :
C0B30DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	31.4	12.3	18.5#
127	29.3	14.2	21.4#

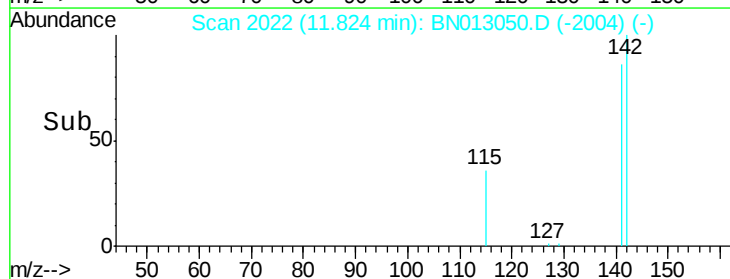
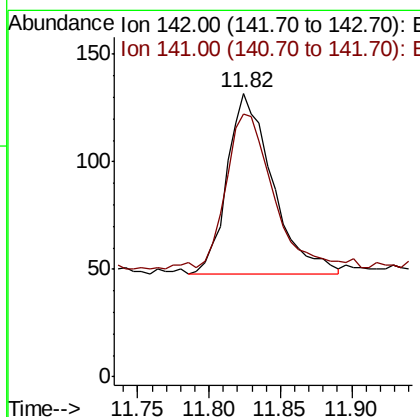
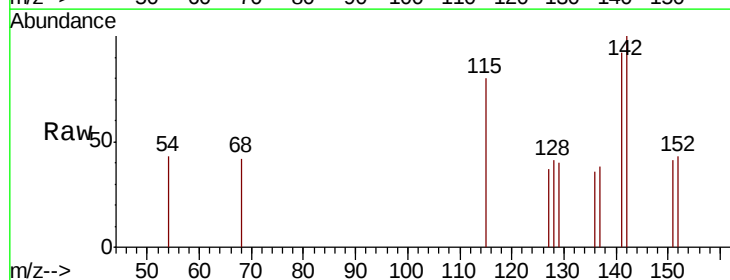
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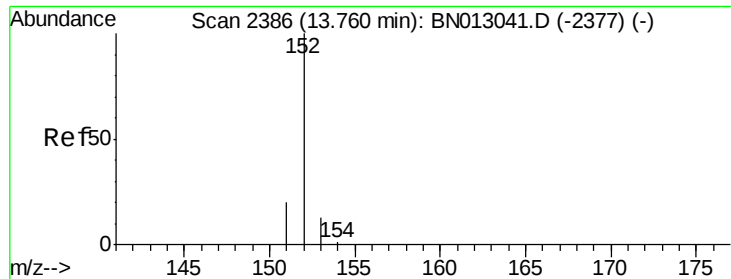
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#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BN013050.D
Acq: 10 Dec 2020 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.0	109.6





#7

Acenaphthylene

Concen: 0.086 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BN013050.D

Acq: 10 Dec 2020 16:54

Instrument :

BNA_N

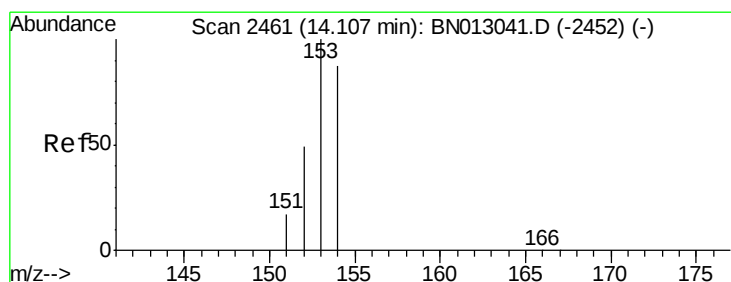
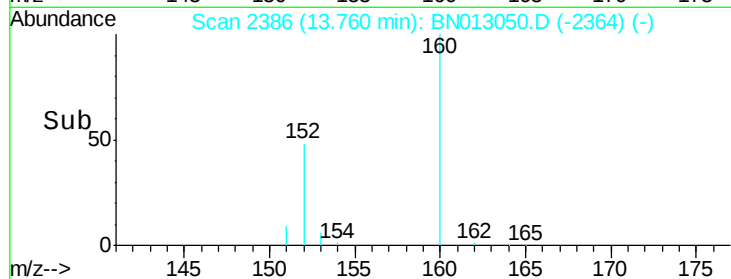
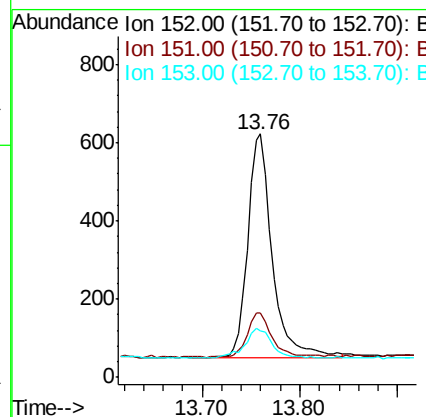
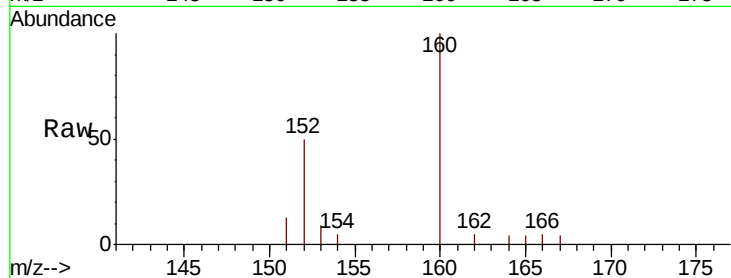
ClientSampleId :

C0B30DL

Tot Ion:	152	Resp:	1008
Ion Ratio	Lower	Upper	
152	100		
151	26.5	18.2	27.4
153	18.9	13.1	19.7

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#8

Acenaphthene

Concen: 0.021 ng/ul

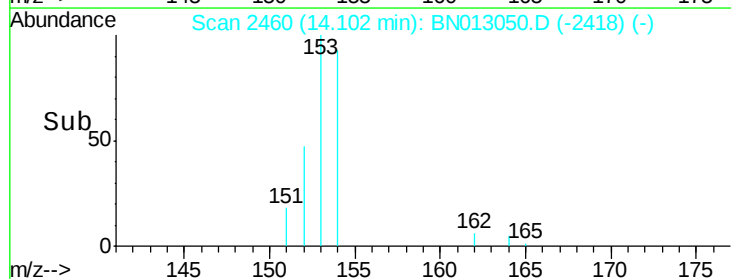
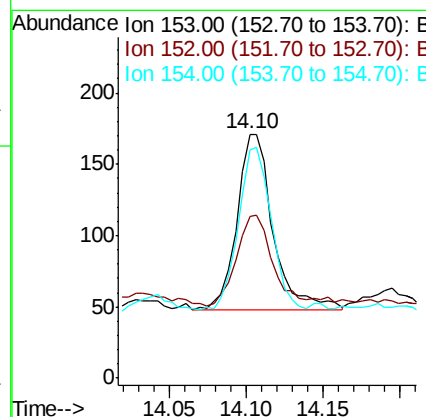
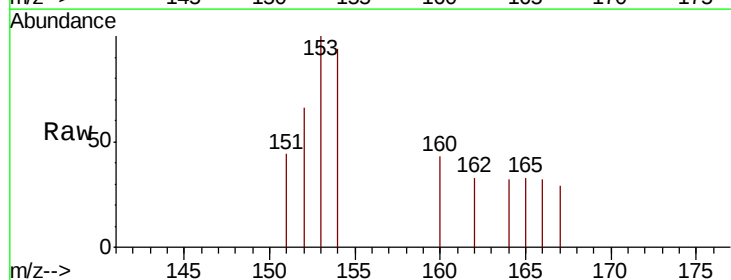
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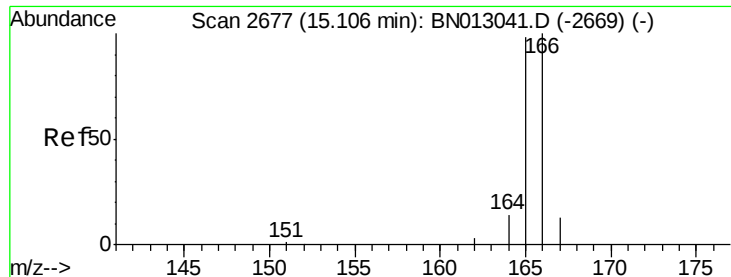
Delta R.T. -0.00 min

Lab File: BN013050.D

Acq: 10 Dec 2020 16:54

Tgt Ion:	153	Resp:	202
Ion Ratio	Lower	Upper	
153	100		
152	66.1	40.7	61.1#
154	93.6	70.8	106.2





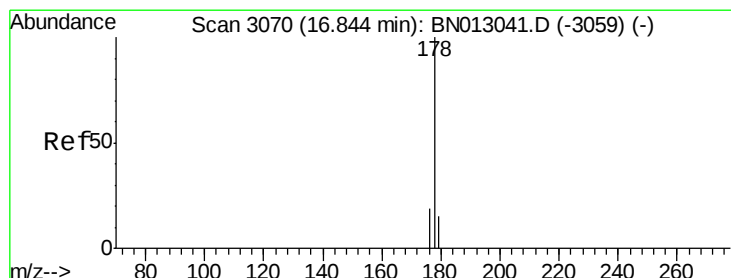
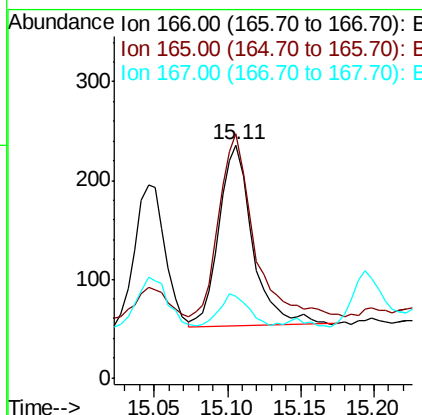
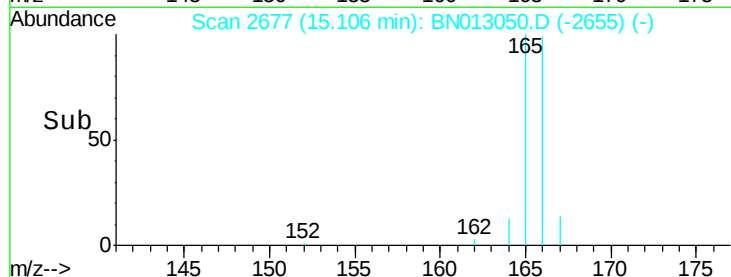
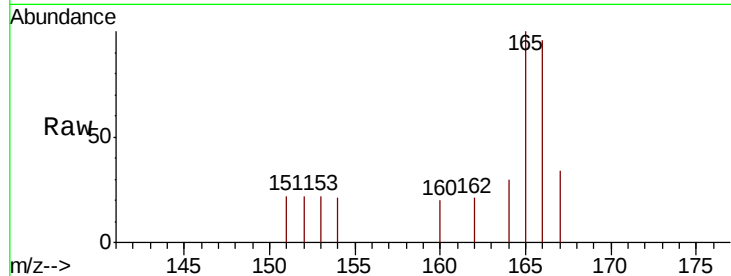
#9
Fluorene
 Concen: 0.026 ng/ul
 RT: 15.11 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: BN013050.D
 Acq: 10 Dec 2020 16:54

Instrument :
 BNA_N
 ClientSampleId :
 C0B30DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.8	119.8
167	35.2	13.8	20.8

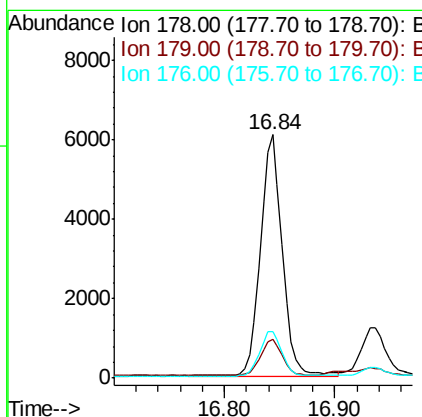
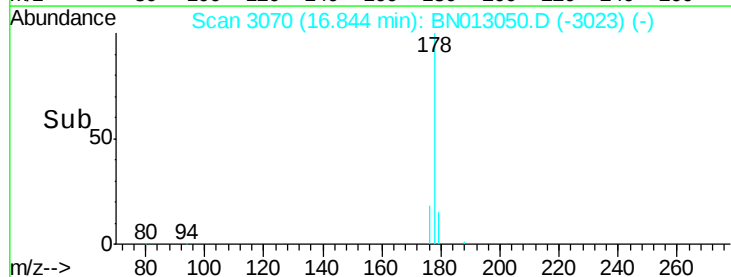
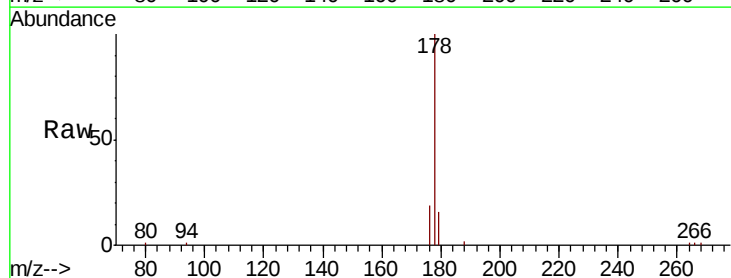
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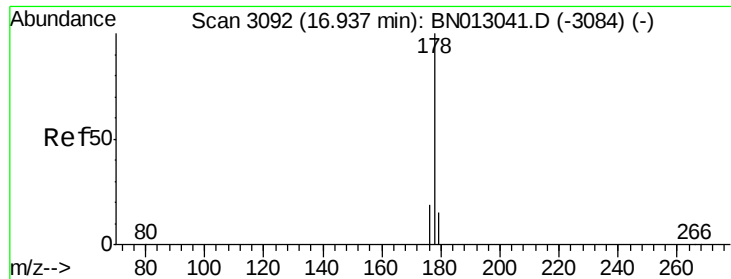
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#12
Phenanthrene
 Concen: 0.480 ng/ul
 RT: 16.84 min Scan# 3070
 Delta R.T. -0.00 min
 Lab File: BN013050.D
 Acq: 10 Dec 2020 16:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.6	20.4
176	18.9	16.4	24.6





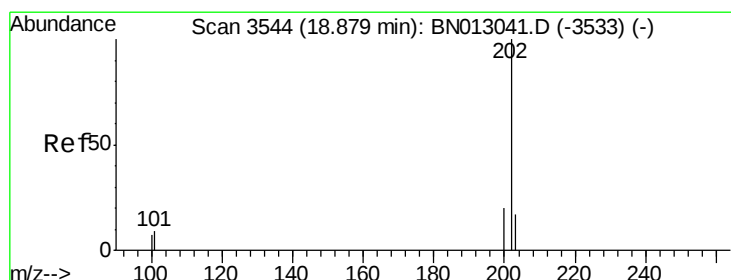
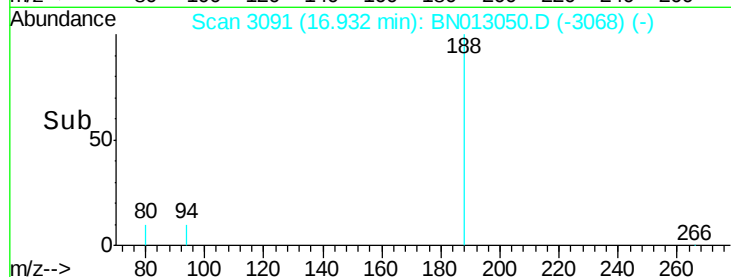
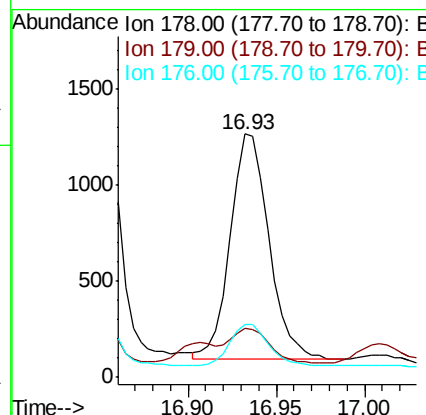
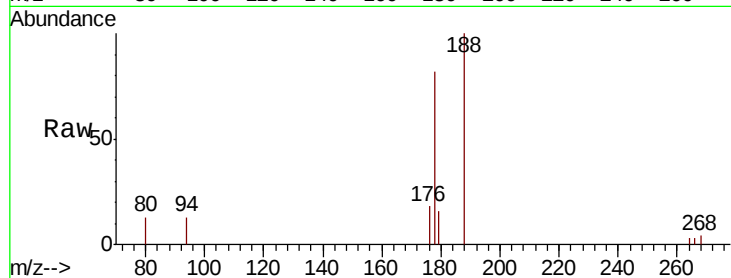
#13
 Anthracene
 Concen: 0.119 ng/ul
 RT: 16.93 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BN013050.D
 Acq: 10 Dec 2020 16:54

Instrument :
 BNA_N
 ClientSampleId :
 C0B30DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.0	14.6	21.8
176	21.9	17.1	25.7

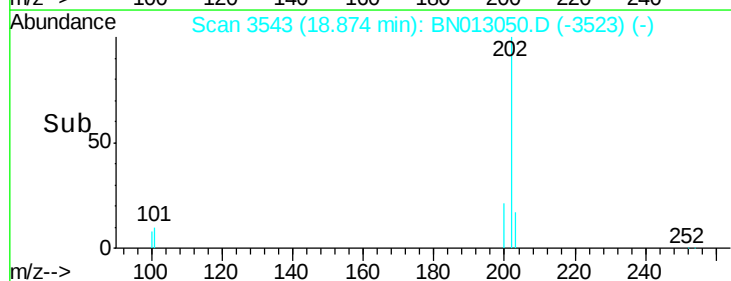
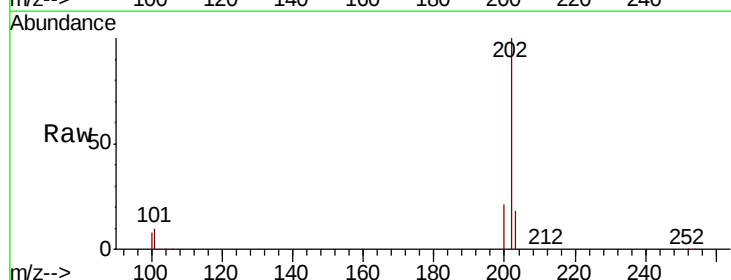
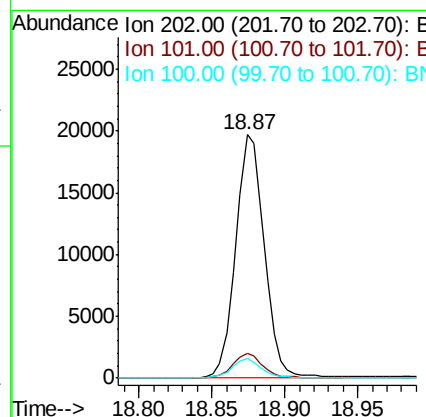
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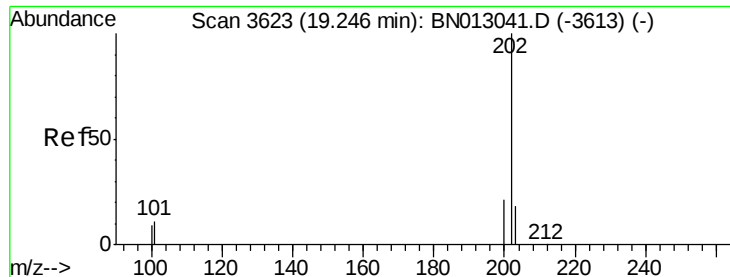
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#15
 Fluoranthene
 Concen: 1.284 ng/ul
 RT: 18.87 min Scan# 3543
 Delta R.T. -0.01 min
 Lab File: BN013050.D
 Acq: 10 Dec 2020 16:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.6
100	7.9	0.0	28.7





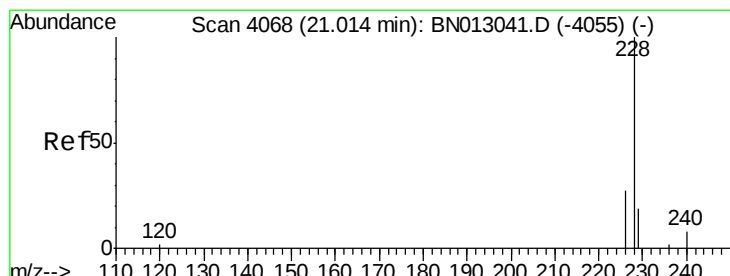
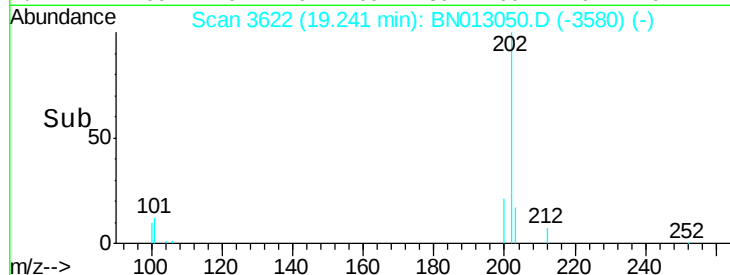
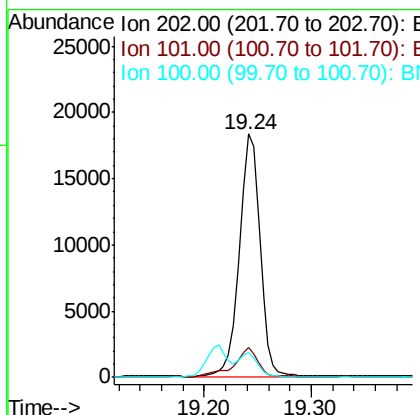
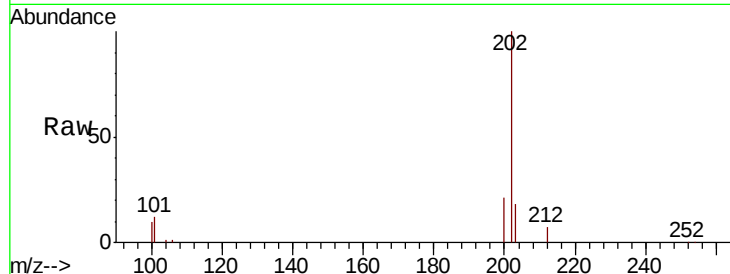
#17
Pvrene
Concen: 1.255 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.00 min
Lab File: BN013050.D
Acq: 10 Dec 2020 16:54

Instrument :
BNA_N
ClientSampleId :
C0B30DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	9.9	7.5	11.3

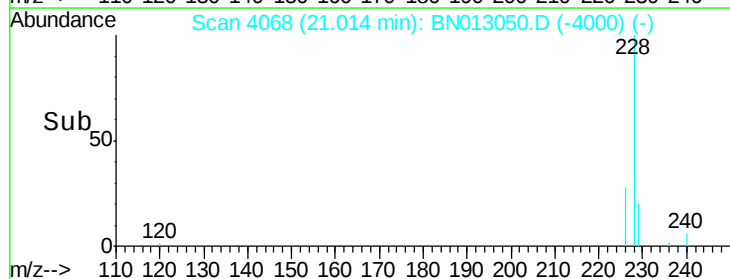
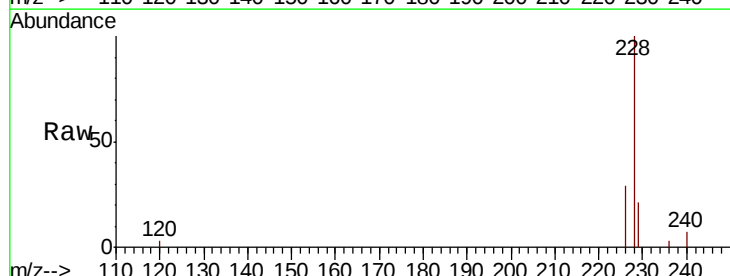
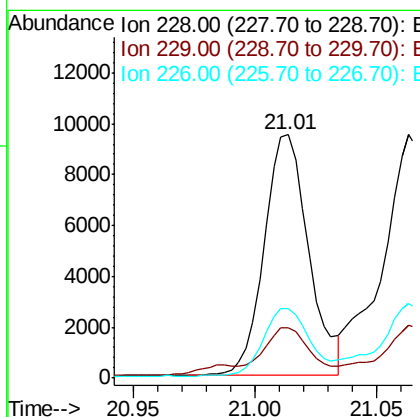
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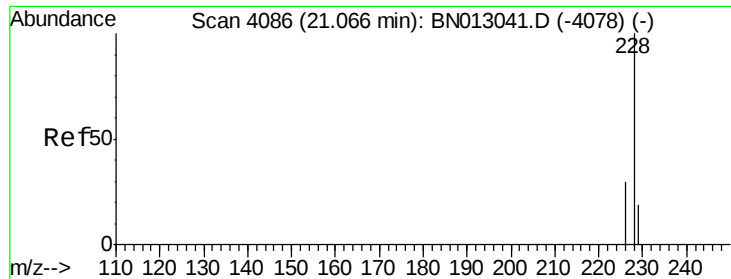
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#18
Benzo(a)anthracene
Concen: 0.704 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.00 min
Lab File: BN013050.D
Acq: 10 Dec 2020 16:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.3	24.5
226	28.8	23.4	35.2





#19

Chrysene

Concen: 0.718 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.00 min

Lab File: BN013050.D

Acq: 10 Dec 2020 16:54

Instrument :

BNA_N

ClientSampleId :

C0B30DL

Tot Ion:228 Resp: 13487

Ion Ratio Lower Upper

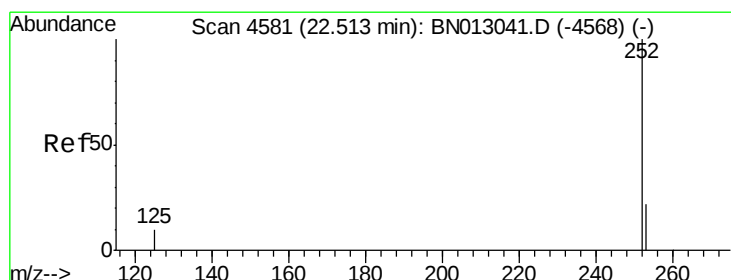
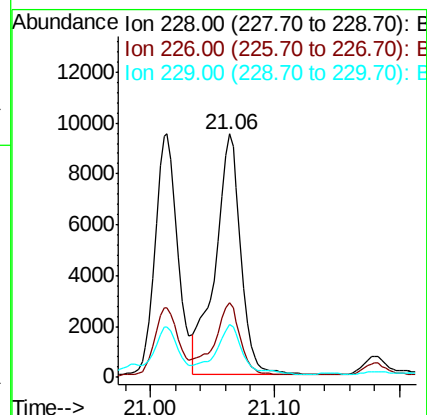
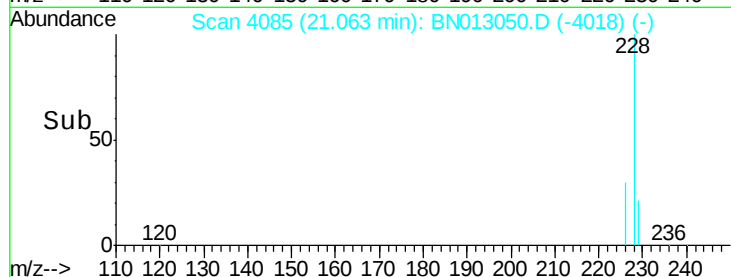
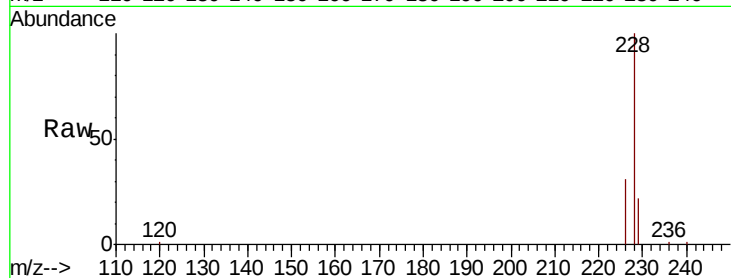
228 100

226 30.7 25.0 37.6

229 21.6 16.4 24.6

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#21

Benzo(b)fluoranthene

Concen: 1.036 ng/ul m

RT: 22.51 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BN013050.D

Acq: 10 Dec 2020 16:54

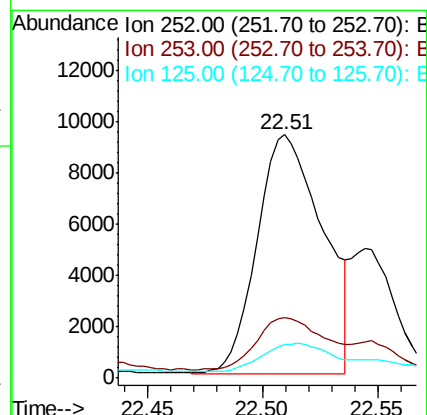
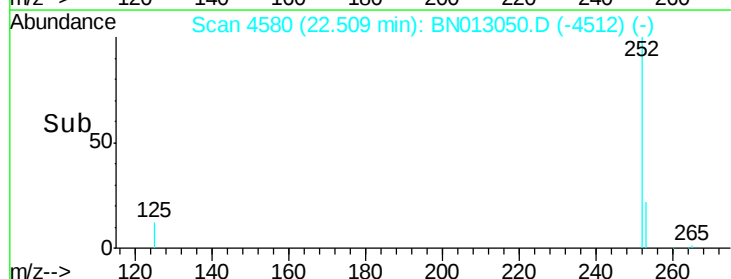
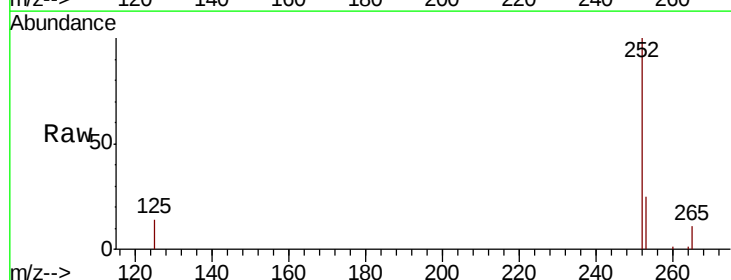
Tgt Ion:252 Resp: 18625

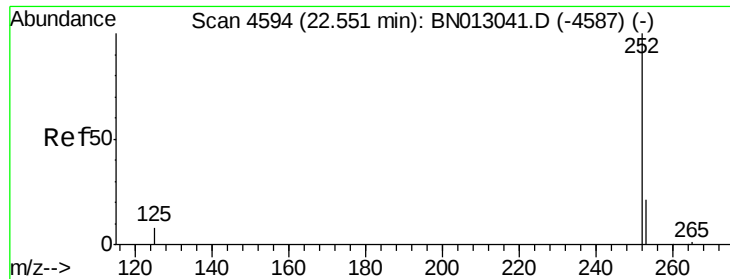
Ion Ratio Lower Upper

252 100

253 24.7 0.0 59.6

125 13.9 0.0 26.0





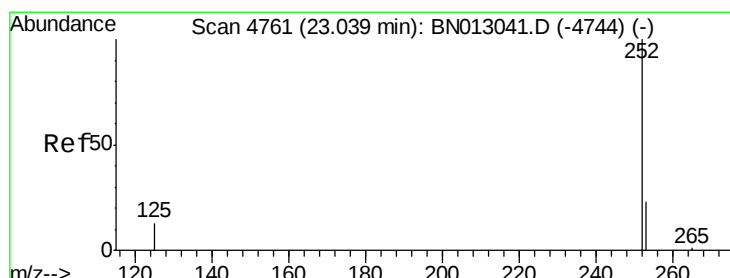
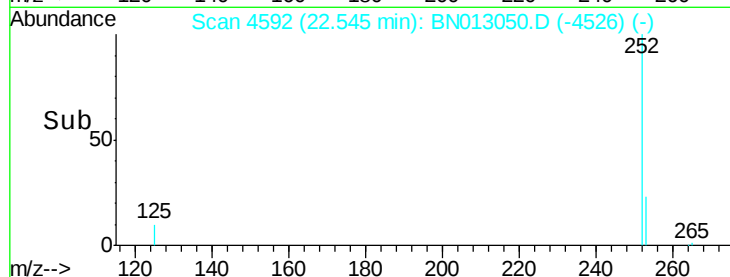
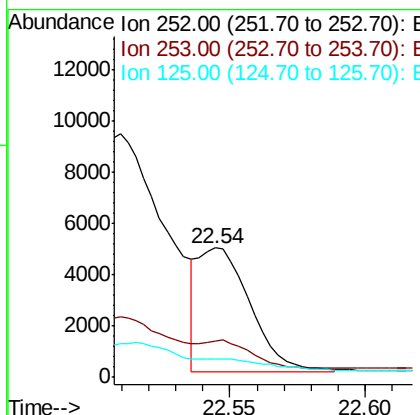
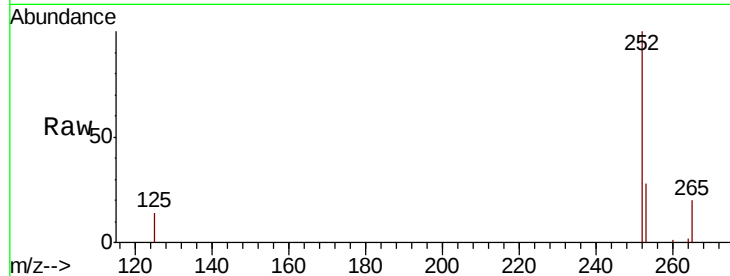
#22
Benzo(k)fluoranthene
Concen: 0.323 ng/ul m
RT: 22.54 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN013050.D
Acq: 10 Dec 2020 16:54

Instrument :
BNA_N
ClientSampleId :
C0B30DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.4	23.4	35.2
125	14.1	11.1	16.7

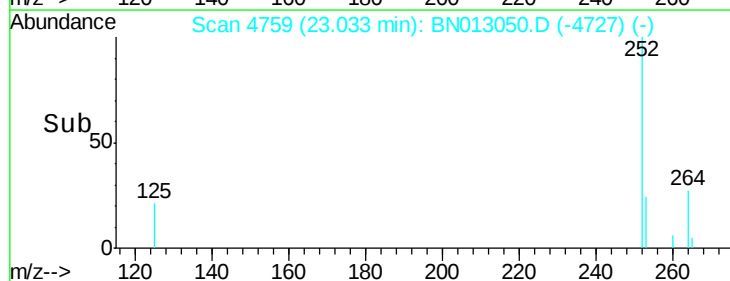
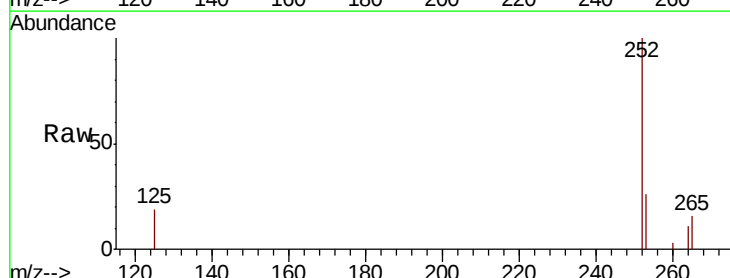
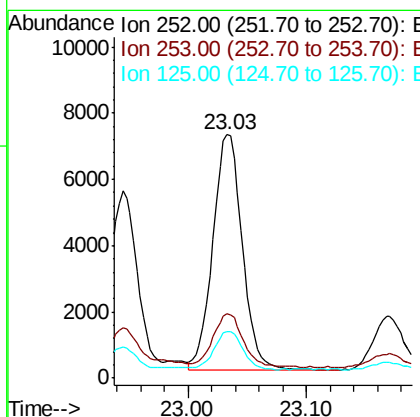
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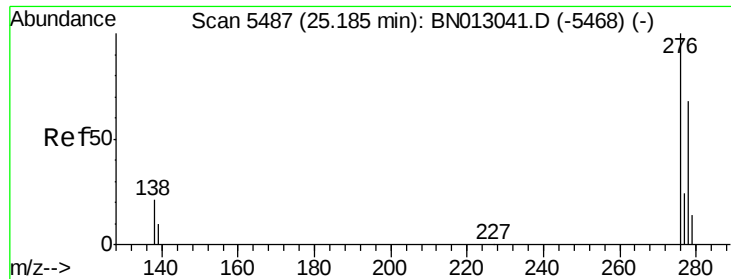
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#23
Benzo(a)pyrene
Concen: 0.737 ng/ul
RT: 23.03 min Scan# 4759
Delta R.T. -0.01 min
Lab File: BN013050.D
Acq: 10 Dec 2020 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	26.5	39.7#
125	19.3	14.2	21.2





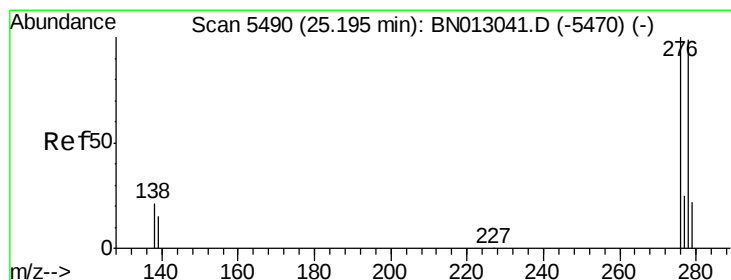
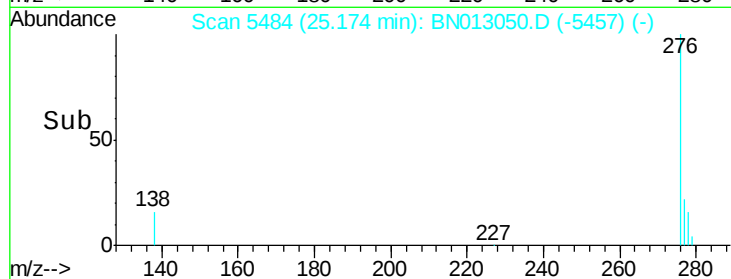
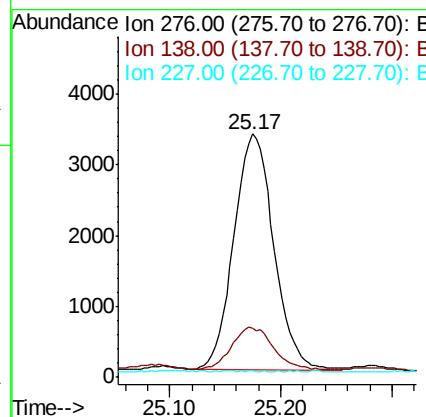
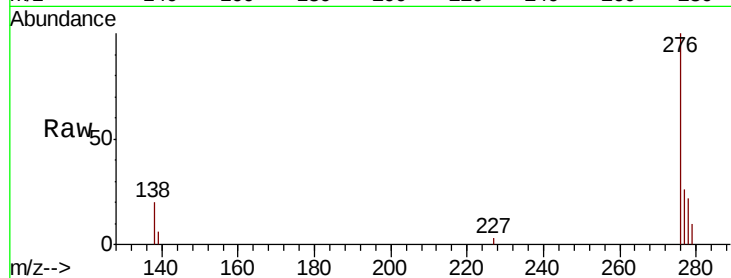
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/uL
RT: 25.17 min Scan# 5484
Delta R.T. -0.01 min
Lab File: BN013050.D
Acq: 10 Dec 2020 16:54

Instrument :
BNA_N
ClientSampleId :
C0B30DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.2	24.2
227	0.1	0.0	0.0

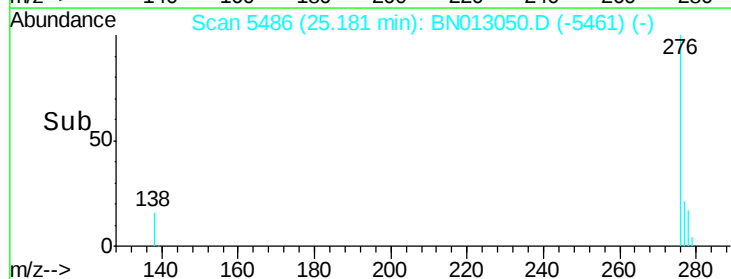
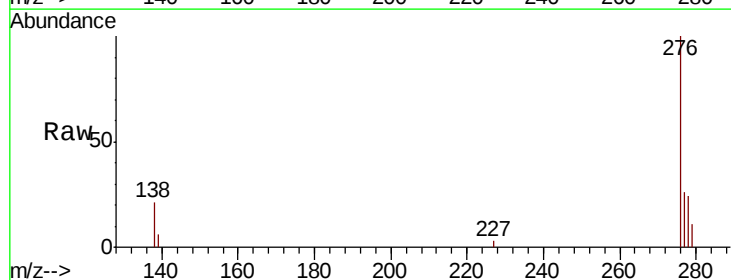
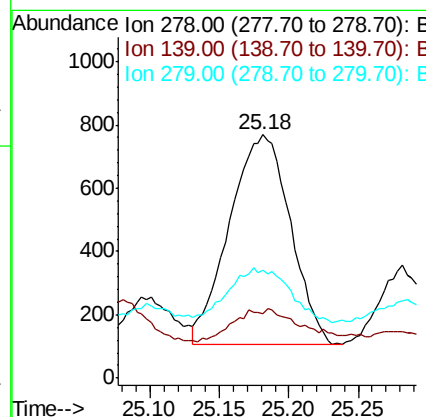
Manual Integrations
APPROVED

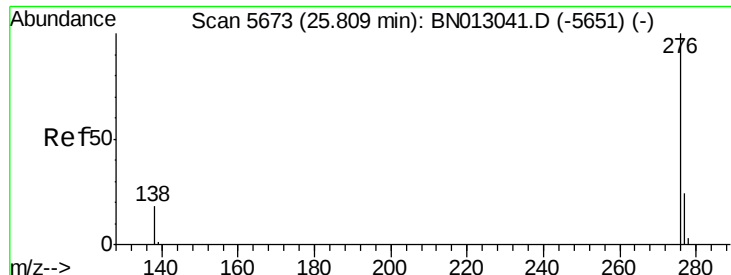
mohammad
12/11/2020 1:19:33 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.116 ng/uL
RT: 25.18 min Scan# 5486
Delta R.T. -0.02 min
Lab File: BN013050.D
Acq: 10 Dec 2020 16:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.4	14.5	21.7
279	44.6	26.3	39.5





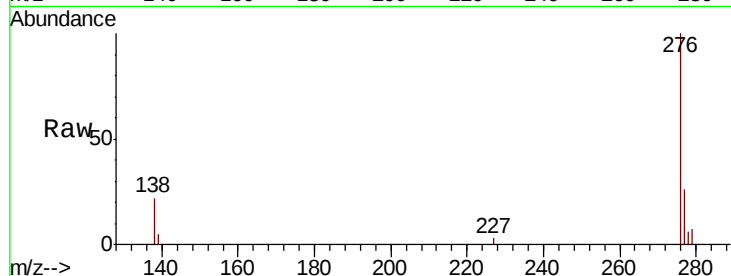
#26
 Benzo(a,h,i)perylene
 Concen: 0.365 ng/ul
 RT: 25.80 min Scan# 5671
 Delta R.T. -0.01 min
 Lab File: BN013050.D
 Acq: 10 Dec 2020 16:54

Instrument :
 BNA_N
 ClientSampleId :
 C0B30DL

Tot Ion:	276	Resp:	7233
Ion Ratio	Lower	Upper	
276	100		
138	22.0	16.3	24.5
277	26.2	21.8	32.6

Manual Integrations
 APPROVED

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 12/11/2020 1:19:33 PM



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

