

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013039.D
 Acq On : 10 Dec 2020 10:16
 Operator : CG/JU
 Sample : L4941-01DL 2X
 Misc :
 ALS Vial : 109 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW6DL

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Quant Time: Dec 10 10:58:27 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	933	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	3836	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	2112	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4345	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3130	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	2914	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	403	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	872	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	285	0.026	ng/ul#	64
7) Acenaphthylene	13.76	152	221	0.022	ng/ul#	57
8) Acenaphthene	14.11	153	225	0.027	ng/ul	93
9) Fluorene	15.11	166	354	0.038	ng/ul#	94
12) Phenanthrene	16.84	178	6909	0.474	ng/ul	98
13) Anthracene	16.94	178	1350	0.109	ng/ul#	95
15) Fluoranthene	18.88	202	12950	0.748	ng/ul	97
17) Pyrene	19.24	202	12532	0.848	ng/ul	98
18) Benzo(a)anthracene	21.01	228	5110	0.395	ng/ul	99
19) Chrysene	21.06	228	6007	0.420	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	7524m	0.558	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	2660m	0.179	ng/ul	
23) Benzo(a)pyrene	23.03	252	4818	0.385	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.18	276	3258	0.198	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	783	0.060	ng/ul#	44
26) Benzo(a,h,i)perylene	25.81	276	2865	0.193	ng/ul#	92

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

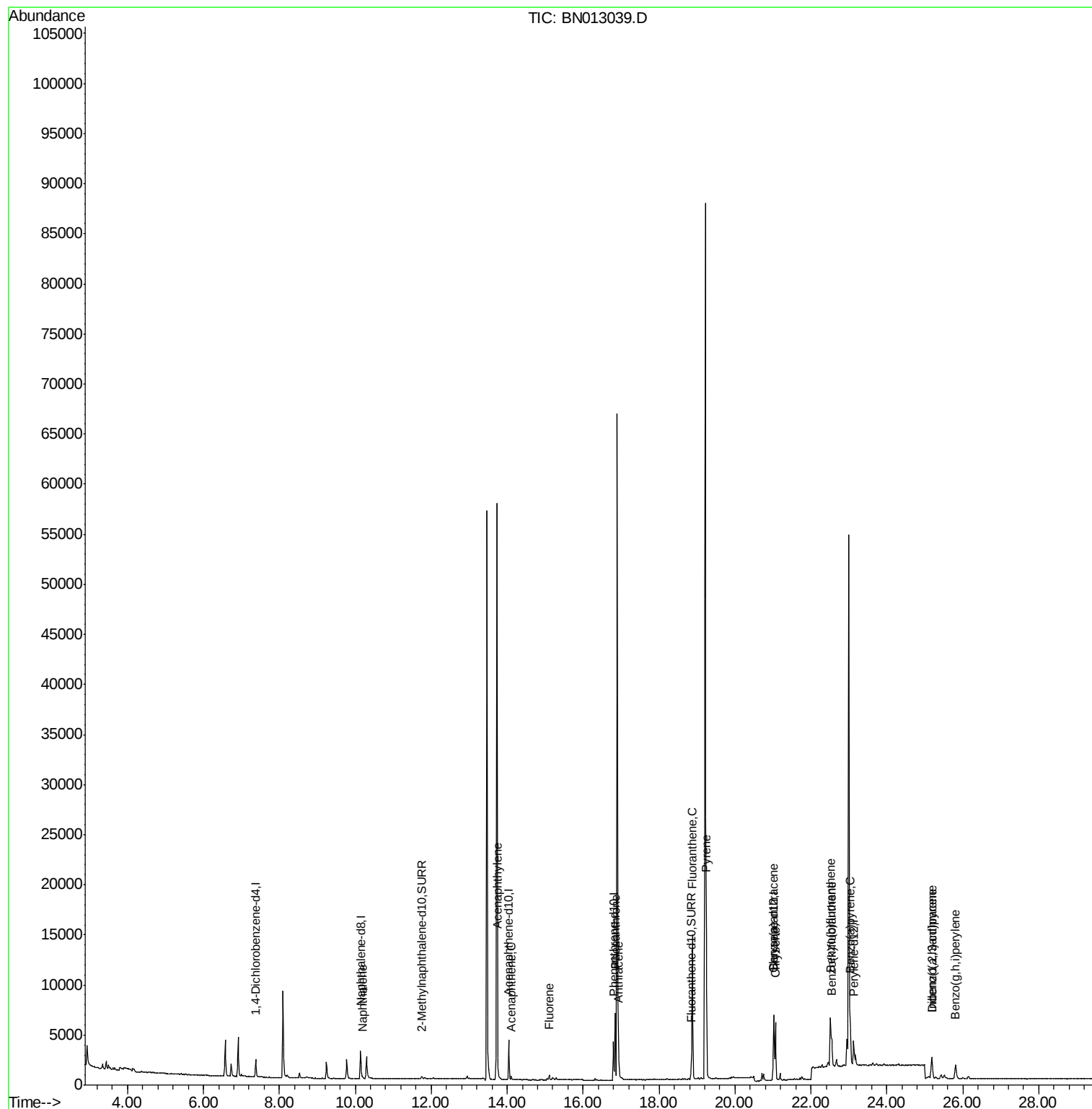
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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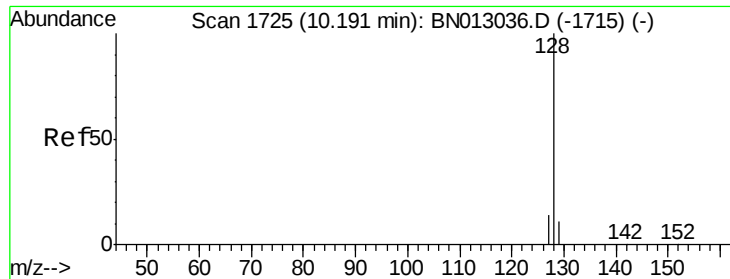
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 10 10:58:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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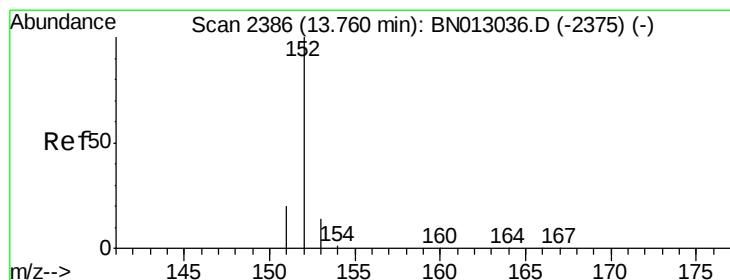
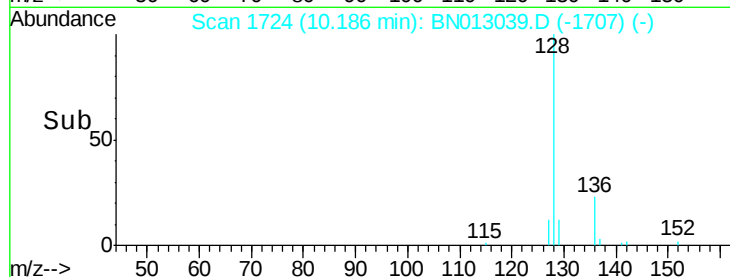
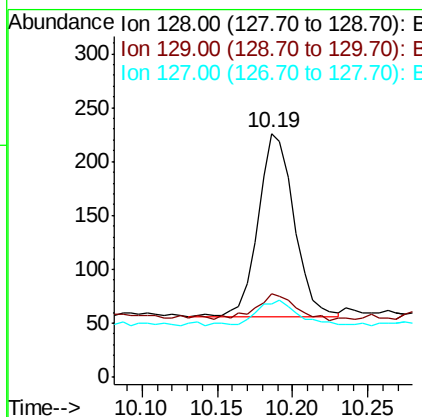
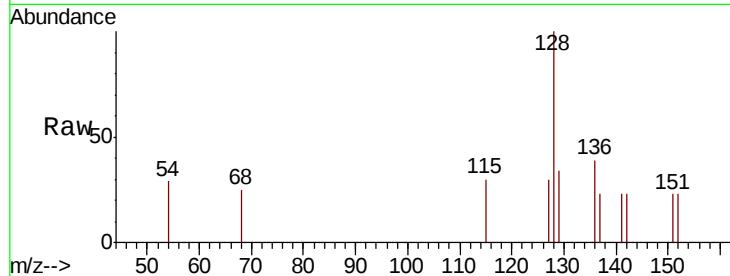
#3
Naphthalene
Concen: 0.026 ng/ul
RT: 10.19 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BN013039.D
Acq: 10 Dec 2020 10:16

Instrument :
BNA_N
ClientSampleId :
C0AW6DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	34.1	12.3	18.5#
127	30.1	14.2	21.4#

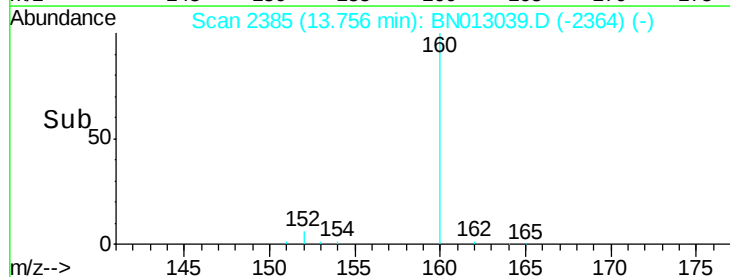
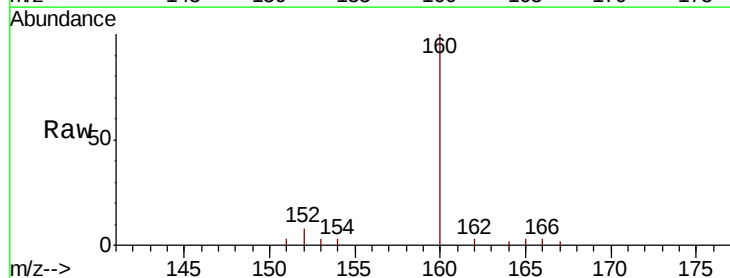
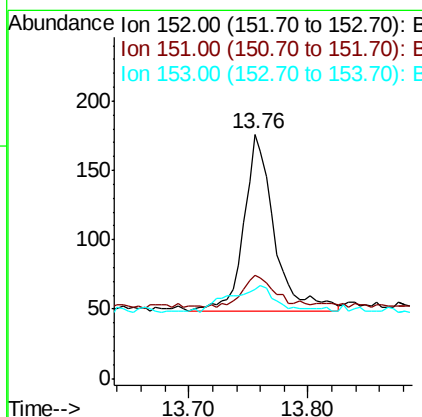
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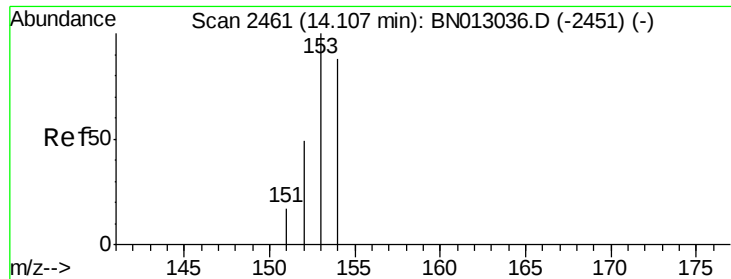
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#7
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.76 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BN013039.D
Acq: 10 Dec 2020 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	42.0	18.2	27.4#
153	36.4	13.1	19.7#





#8

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.11 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BN013039.D

Acq: 10 Dec 2020 10:16

Instrument :

BNA_N

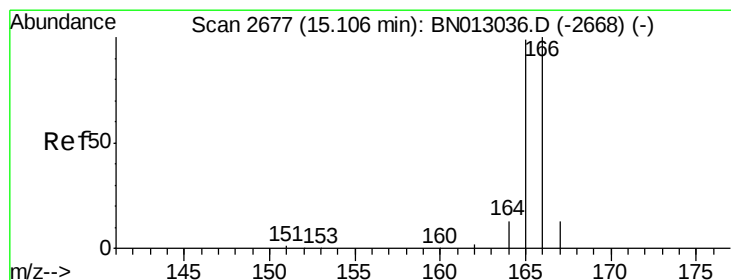
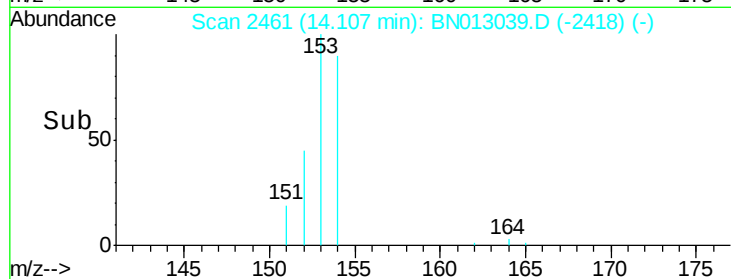
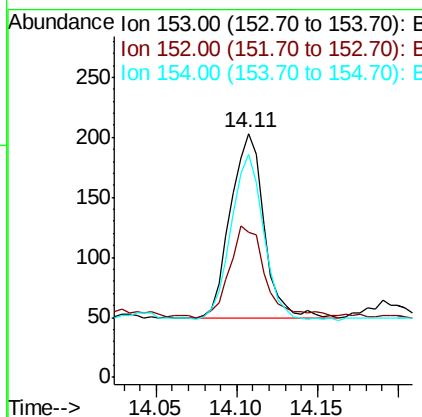
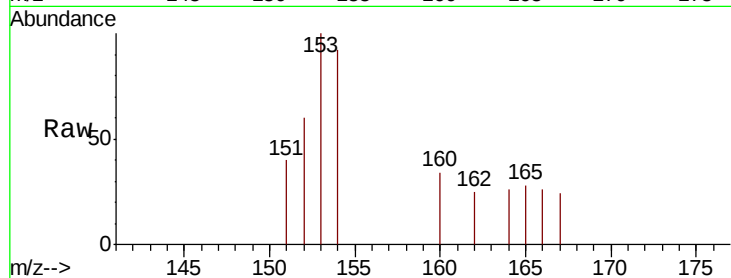
ClientSampleId :

C0AW6DL

Tot Ion:	153	Resp:	225
Ion	Ratio	Lower	Upper
153	100		
152	59.6	40.7	61.1
154	91.6	70.8	106.2

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#9

Fluorene

Concen: 0.038 ng/ul

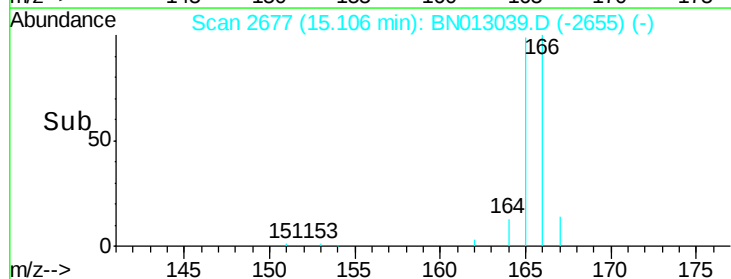
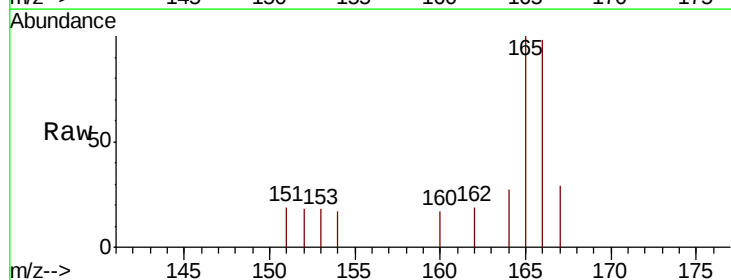
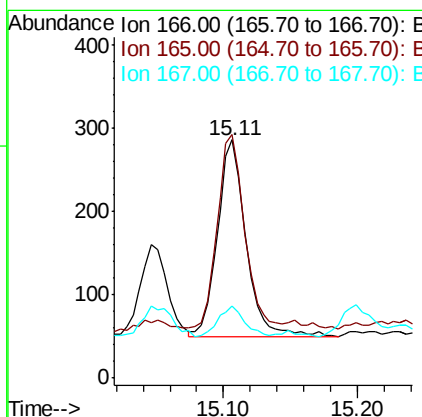
RT: 15.11 min Scan# 2677

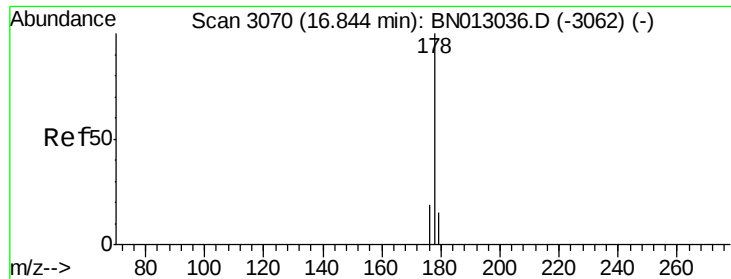
Delta R.T. 0.00 min

Lab File: BN013039.D

Acq: 10 Dec 2020 10:16

Tgt Ion:	166	Resp:	354
Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.8	119.8
167	30.1	13.8	20.8





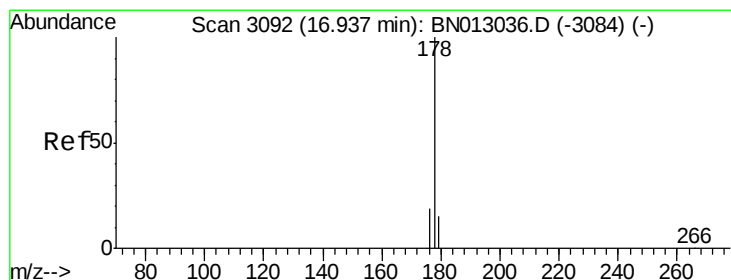
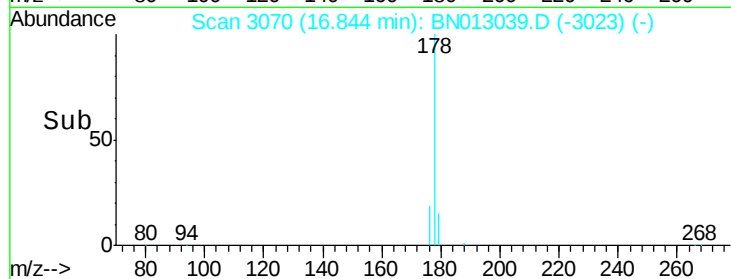
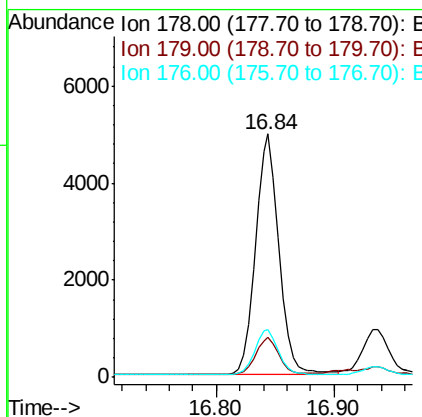
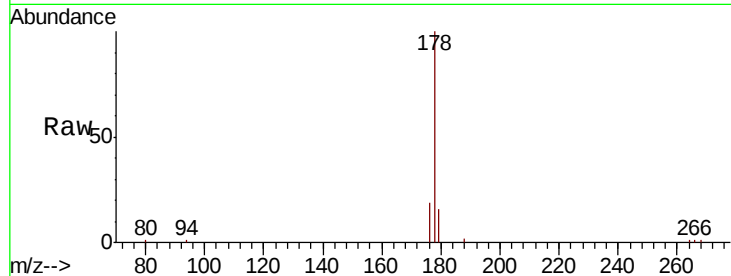
#12
Phenanthrene
Concen: 0.474 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. 0.00 min
Lab File: BN013039.D
Acq: 10 Dec 2020 10:16

Instrument :
BNA_N
ClientSampleId :
C0AW6DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.6	20.4
176	19.4	16.4	24.6

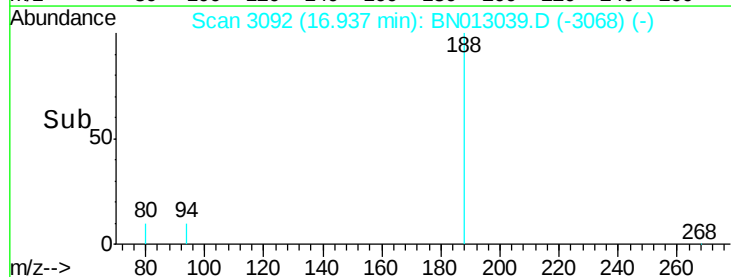
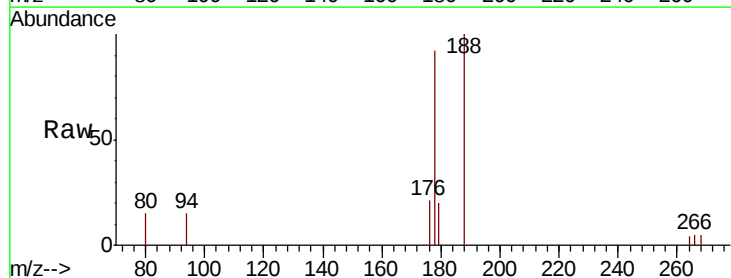
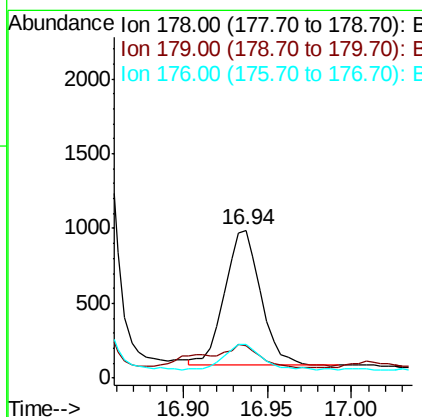
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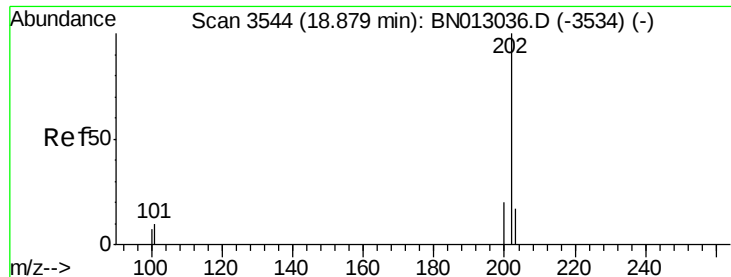
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#13
Anthracene
Concen: 0.109 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BN013039.D
Acq: 10 Dec 2020 10:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.1	14.6	21.8#
176	22.5	17.1	25.7





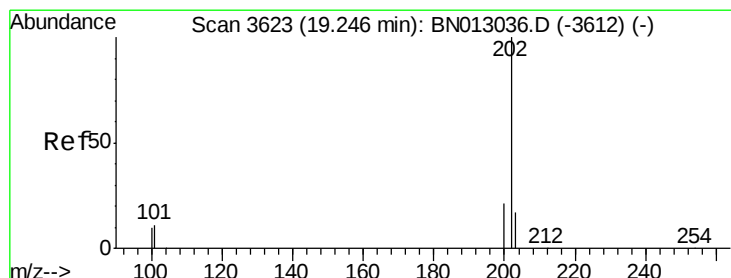
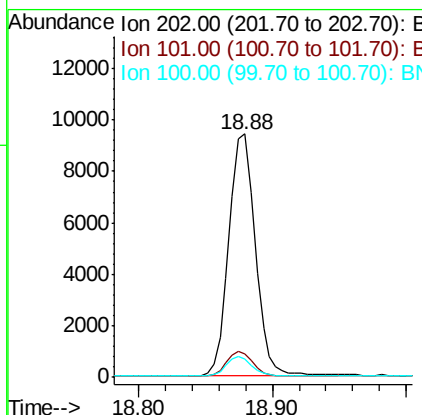
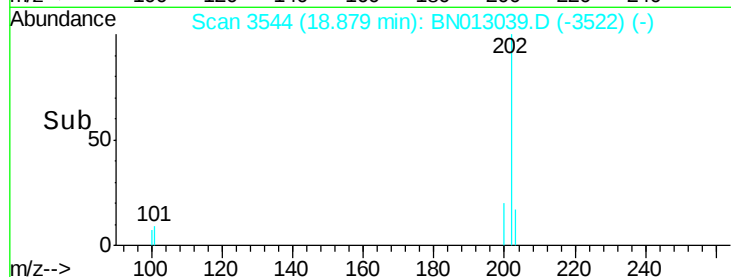
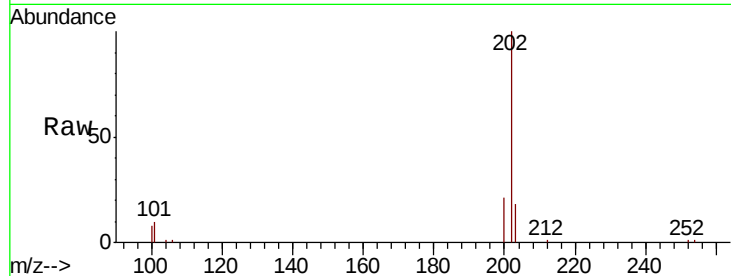
#15
Fluoranthene
 Concen: 0.748 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: BN013039.D
 Acq: 10 Dec 2020 10:16

Instrument :
 BNA_N
 ClientSampleId :
 C0AW6DL

Tot Ion:	202	Resp:	12950
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.6
100	7.6	0.0	28.7

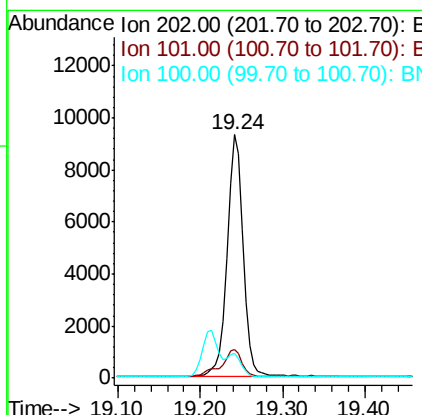
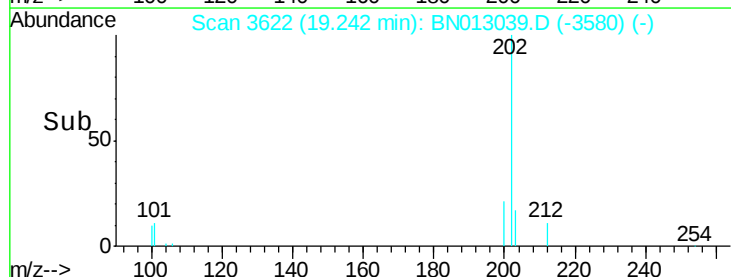
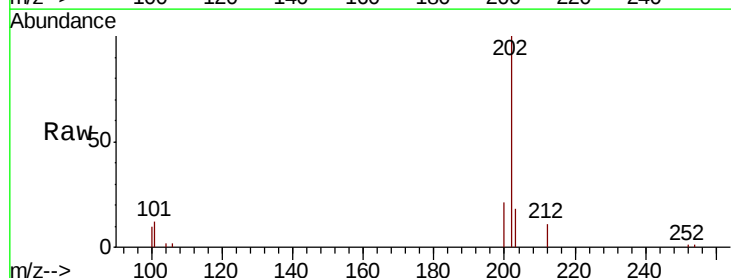
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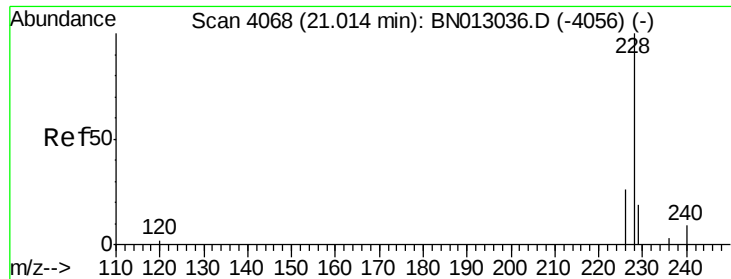
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#17
Pyrene
 Concen: 0.848 ng/ul
 RT: 19.24 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: BN013039.D
 Acq: 10 Dec 2020 10:16

Tgt Ion:	202	Resp:	12532
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.1	13.7
100	10.4	7.5	11.3





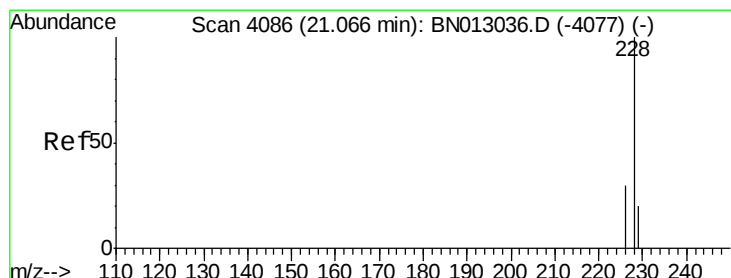
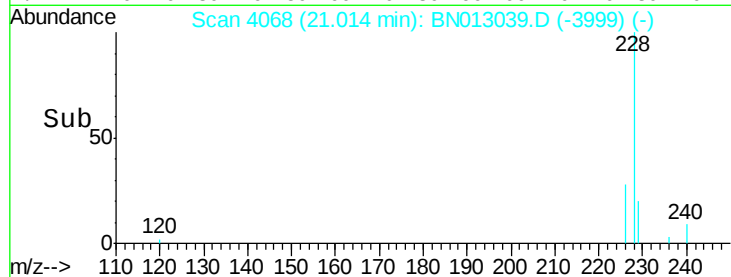
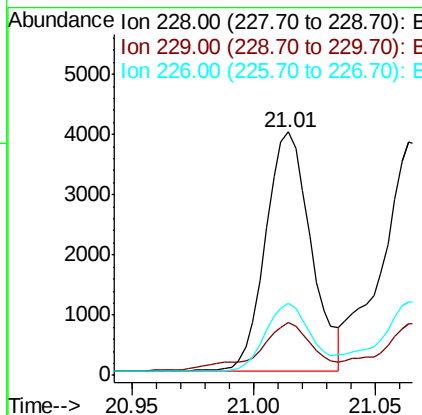
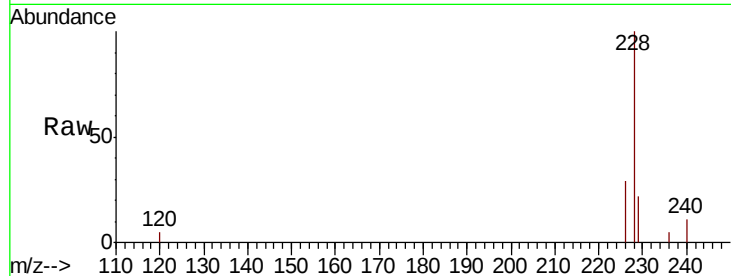
#18
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. 0.00 min
Lab File: BN013039.D
Acq: 10 Dec 2020 10:16

Instrument :
BNA_N
ClientSampleID :
C0AW6DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.3	24.5
226	29.4	23.4	35.2

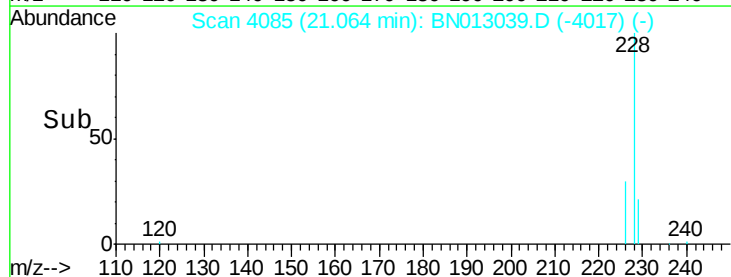
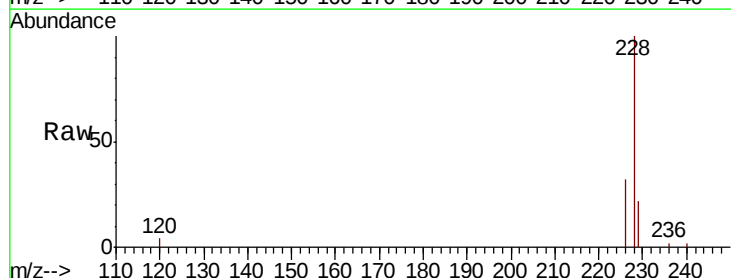
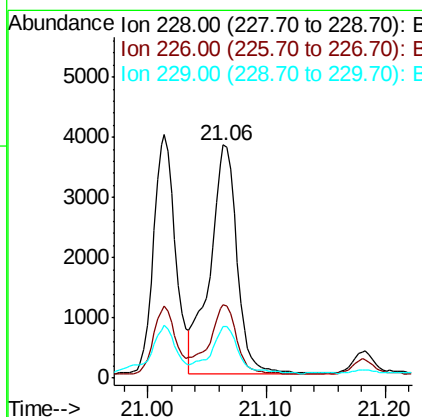
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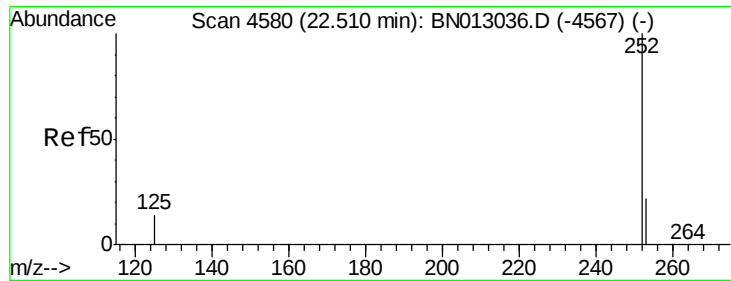
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#19
Chrysene
Concen: 0.420 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.00 min
Lab File: BN013039.D
Acq: 10 Dec 2020 10:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.2	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 0.558 ng/ul m

RT: 22.51 min Scan# 4581

Delta R.T. 0.00 min

Lab File: BN013039.D

Acq: 10 Dec 2020 10:16

Instrument :

BNA_N

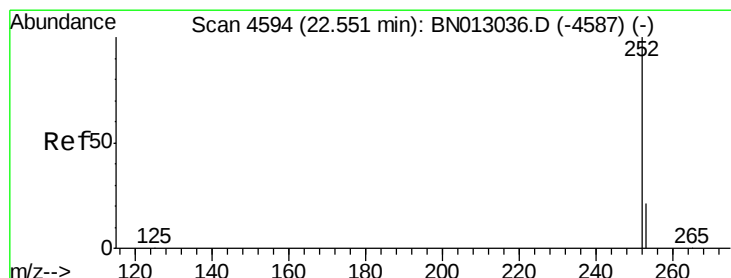
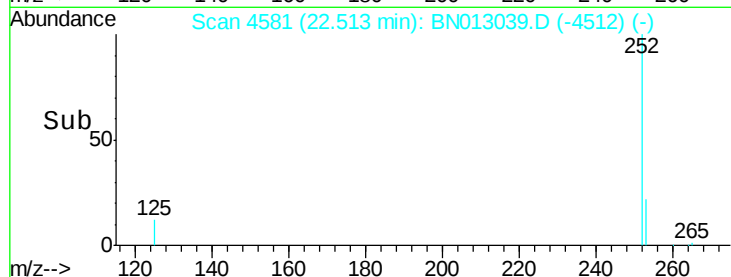
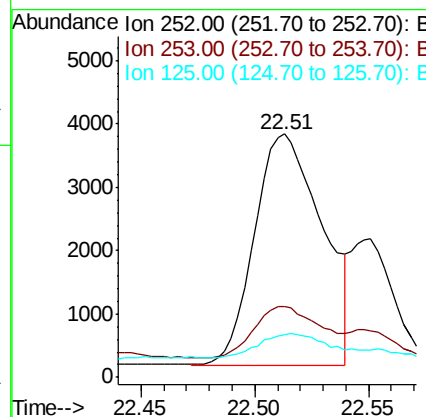
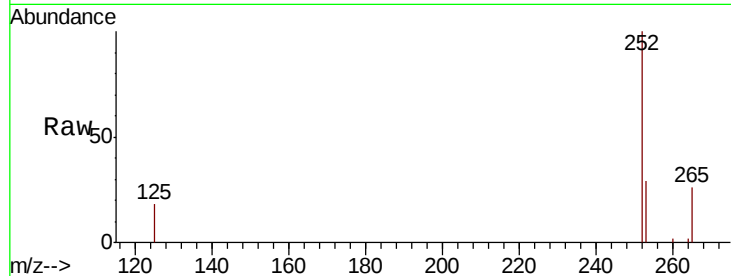
ClientSampleId :

C0AW6DL

Tot Ion:	252	Resp:	7524
Ion Ratio	Lower	Upper	
252	100		
253	29.2	0.0	59.6
125	17.7	0.0	26.0

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#22

Benzo(k)fluoranthene

Concen: 0.179 ng/ul m

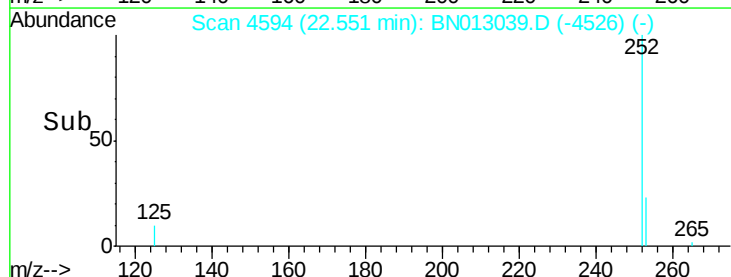
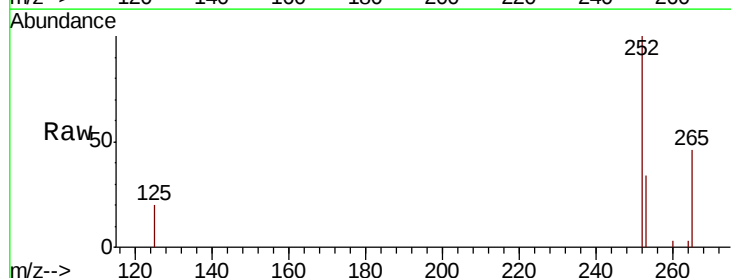
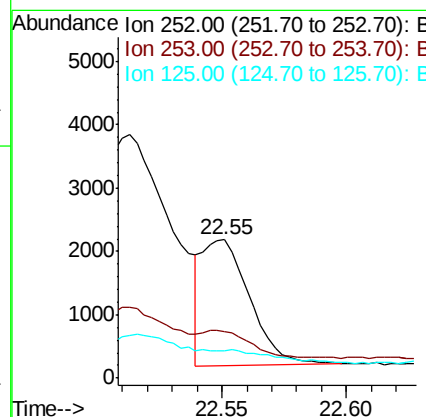
RT: 22.55 min Scan# 4594

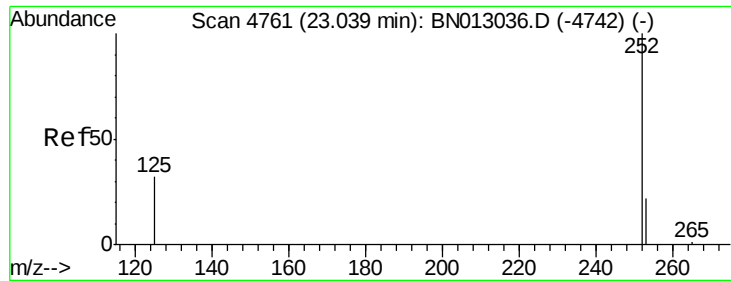
Delta R.T. 0.00 min

Lab File: BN013039.D

Acq: 10 Dec 2020 10:16

Tgt Ion:	252	Resp:	2660
Ion Ratio	Lower	Upper	
252	100		
253	34.0	23.4	35.2
125	20.0	11.1	16.7#





#23

Benzo(a)pyrene

Concen: 0.385 ng/u1

RT: 23.03 min Scan# 4759

Delta R.T. -0.01 min

Lab File: BN013039.D

Acq: 10 Dec 2020 10:16

Instrument :

BNA_N

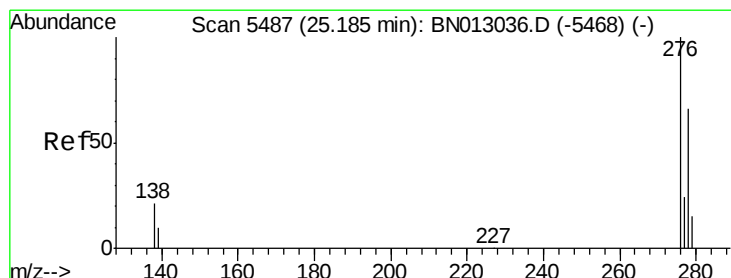
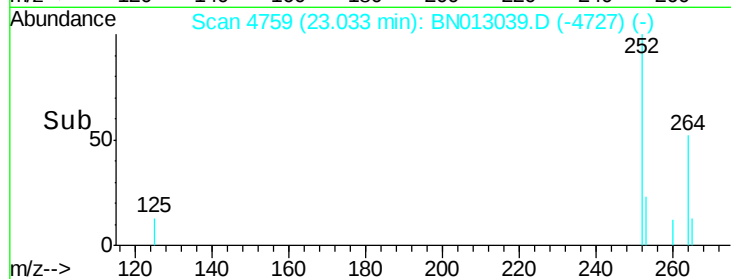
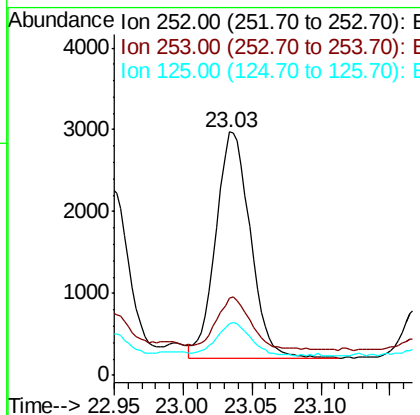
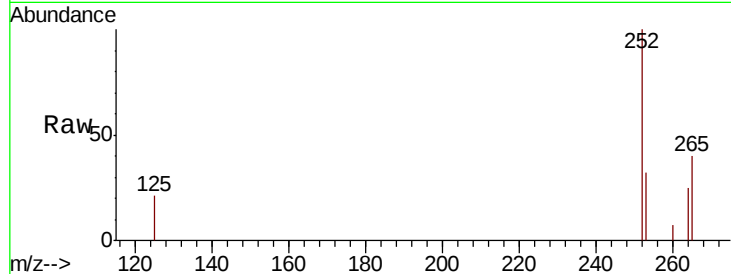
ClientSampleId :

C0AW6DL

Tot Ion:	252	Resp:	4818
Ion Ratio	Lower	Upper	
252	100		
253	31.5	26.5	39.7
125	21.0	14.2	21.2

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.198 ng/u1

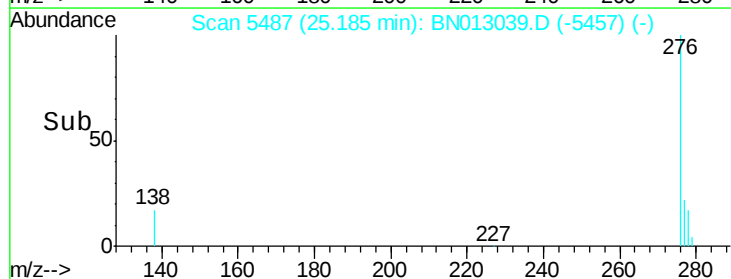
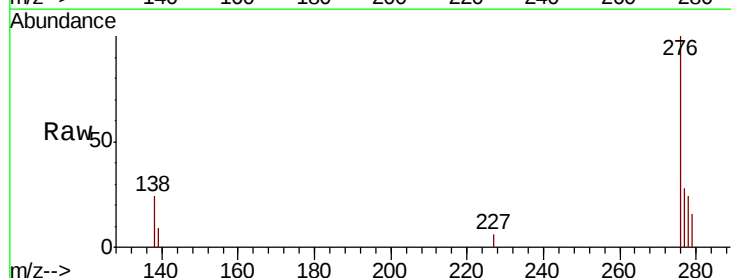
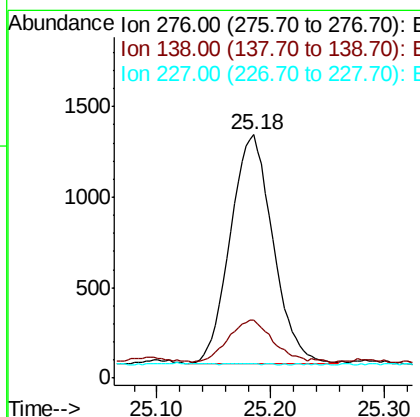
RT: 25.18 min Scan# 5487

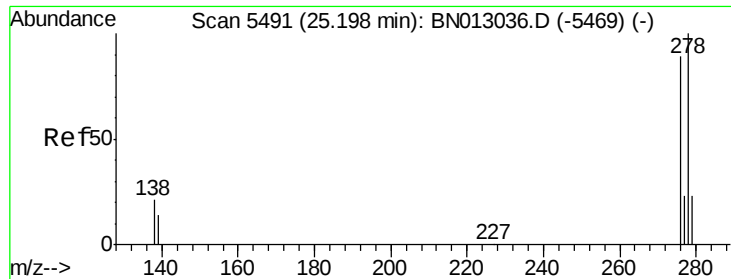
Delta R.T. 0.00 min

Lab File: BN013039.D

Acq: 10 Dec 2020 10:16

Tgt Ion:	276	Resp:	3258
Ion Ratio	Lower	Upper	
276	100		
138	19.0	16.2	24.2
227	0.1	0.0	0.0#





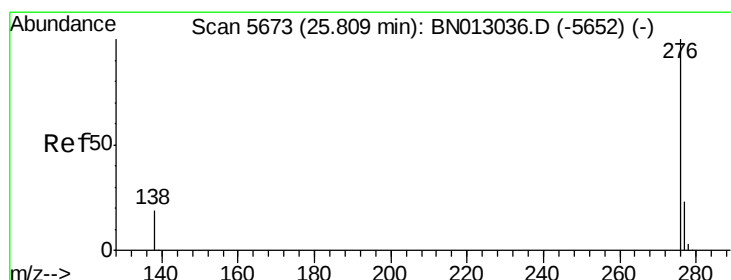
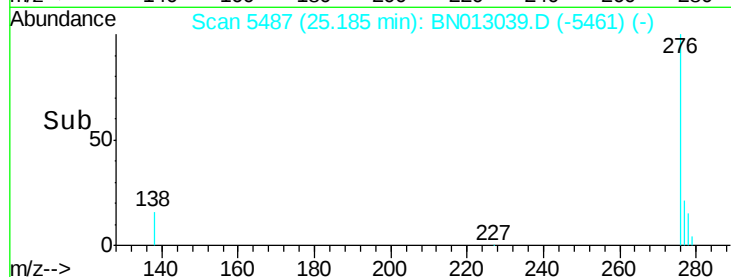
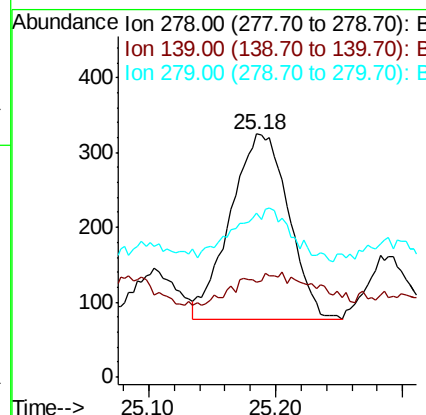
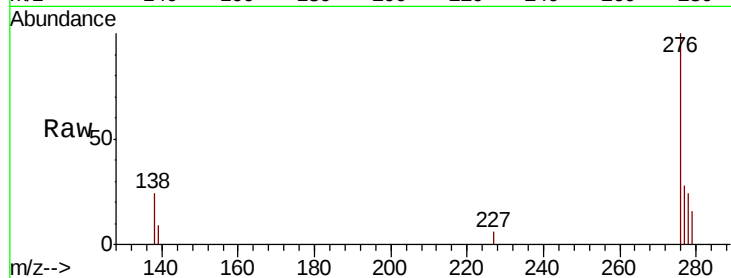
#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/u1
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013039.D
Acq: 10 Dec 2020 10:16

Instrument :
BNA_N
ClientSampleId :
C0AW6DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.1	14.5	21.7#
279	67.4	26.3	39.5#

Manual Integrations
APPROVED

mohammad
12/11/2020 1:19:07 PM



#26
Benzo(g,h,i)perylene
Concen: 0.193 ng/u1
RT: 25.81 min Scan# 5673
Delta R.T. 0.00 min
Lab File: BN013039.D
Acq: 10 Dec 2020 10:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	16.3	24.5#
277	30.0	21.8	32.6

