

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012277.D
 Acq On : 16 Oct 2020 21:16
 Operator : CG/JU
 Sample : L4201-09DL 5X
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL3DL

Manual Integrations
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Quant Time: Oct 17 00:07:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 23:42:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1788	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7615	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4232	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8382	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6660	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6828	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	371	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	725	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	1090	0.059	ng/ul#	80
8) Acenaphthene	14.32	153	455	0.029	ng/ul#	94
9) Fluorene	15.31	166	801	0.046	ng/ul#	97
12) Phenanthrene	17.05	178	15304	0.573	ng/ul	99
13) Anthracene	17.14	178	3895	0.170	ng/ul	98
15) Fluoranthene	19.07	202	27610	0.884	ng/ul	99
17) Pyrene	19.44	202	23660	0.788	ng/ul	98
18) Benzo(a)anthracene	21.20	228	13092	0.531	ng/ul#	93
19) Chrysene	21.25	228	11739m	0.391	ng/ul	
21) Benzo(b)fluoranthene	22.75	252	15699m	0.569	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	5258m	0.172	ng/ul	
23) Benzo(a)pyrene	23.30	252	10591	0.395	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.58	276	7420	0.215	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	2159	0.078	ng/ul#	18
26) Benzo(g,h,i)perylene	26.25	276	6033	0.191	ng/ul#	79

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

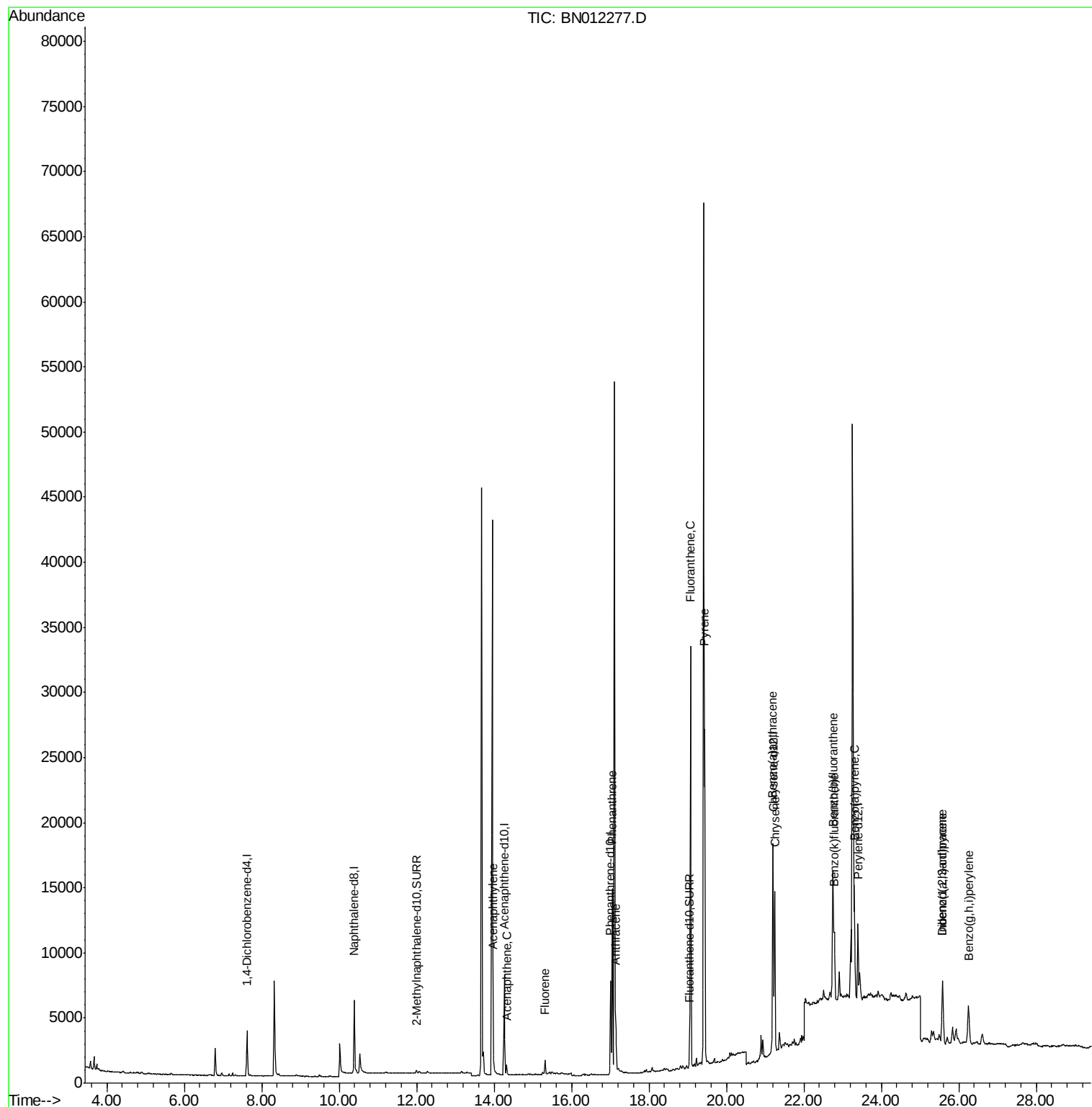
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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ALS Vial : 89 Sample Multiplier: 1

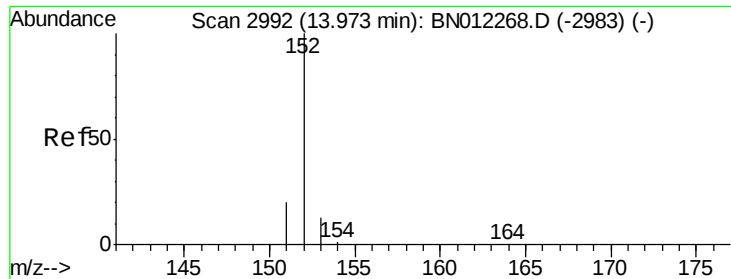
Instrument :
BNA_N
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Quant Time: Oct 17 00:07:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 23:42:05 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

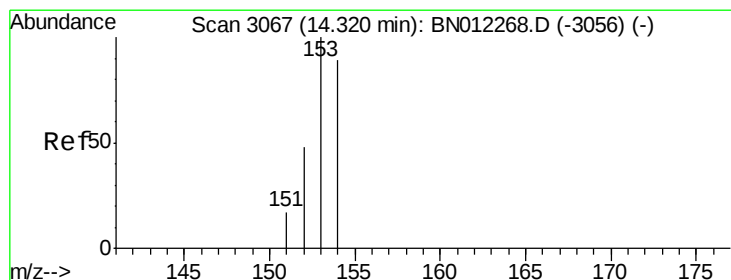
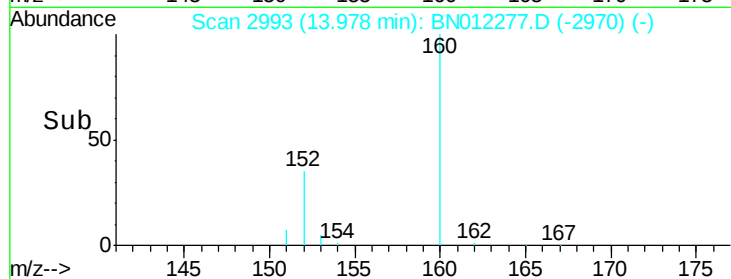
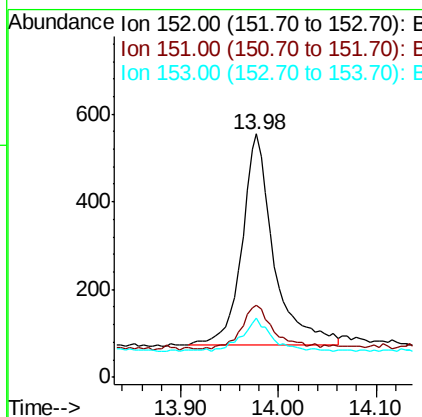
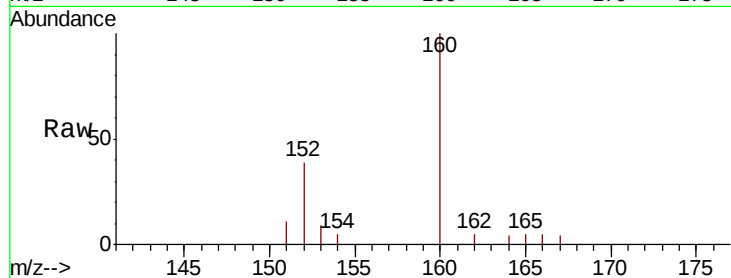
ClientSampleId :

COAL3DL

Tot Ion:	152	Resp:	1090
Ion Ratio	Lower	Upper	
152	100		
151	29.4	16.7	25.1#
153	24.1	11.8	17.8#

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#8

Acenaphthene

Concen: 0.029 ng/ul

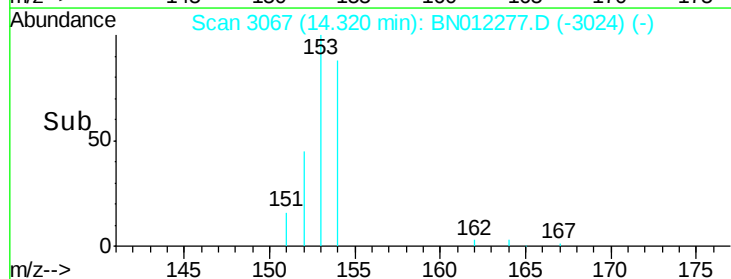
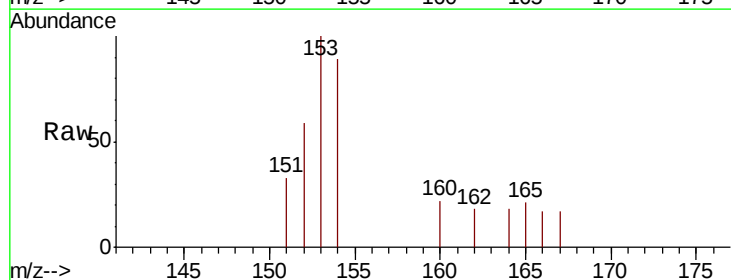
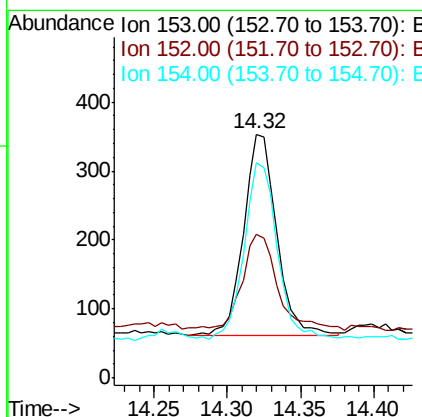
RT: 14.32 min Scan# 3067

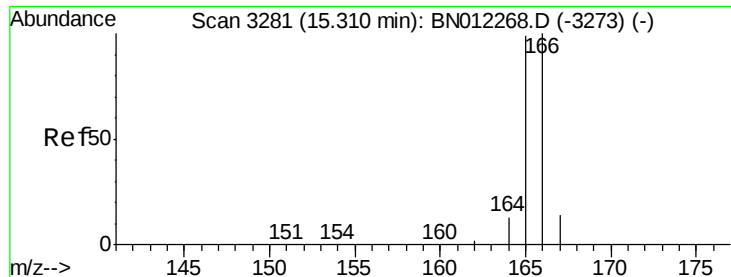
Delta R.T. -0.00 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Tgt Ion:	153	Resp:	455
Ion Ratio	Lower	Upper	
153	100		
152	59.2	38.2	57.2#
154	88.7	71.1	106.7





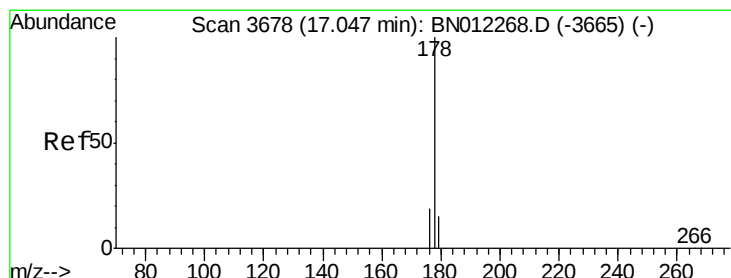
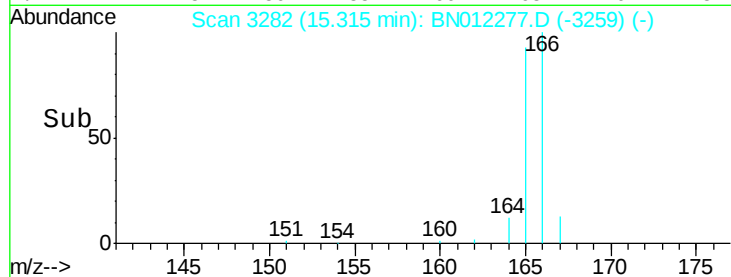
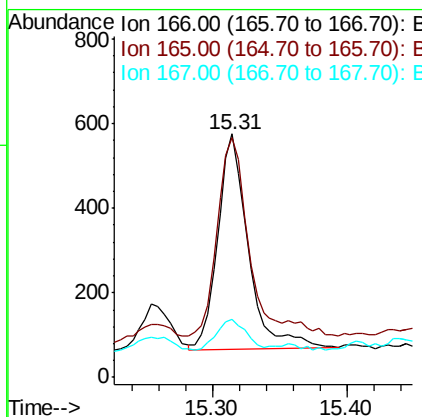
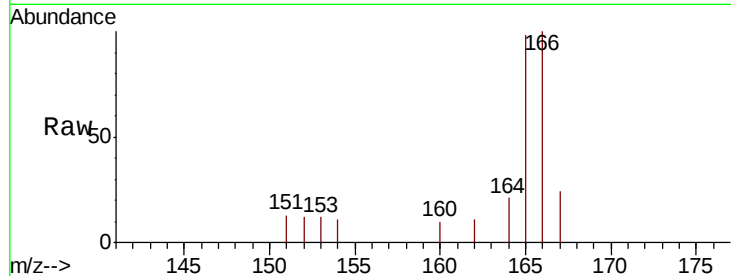
#9
Fluorene
 Concen: 0.046 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012277.D
 Acq: 16 Oct 2020 21:16

Instrument :
 BNA_N
 ClientSampleId :
 C0AL3DL

Tot Ion:	166	Resp:	801
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.6	118.0
167	23.6	11.9	17.9#

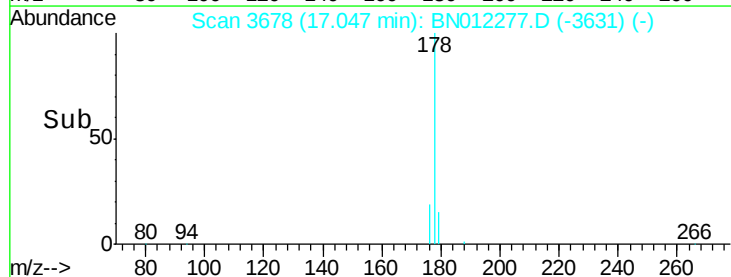
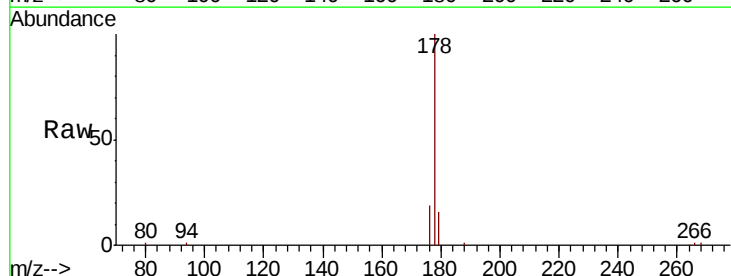
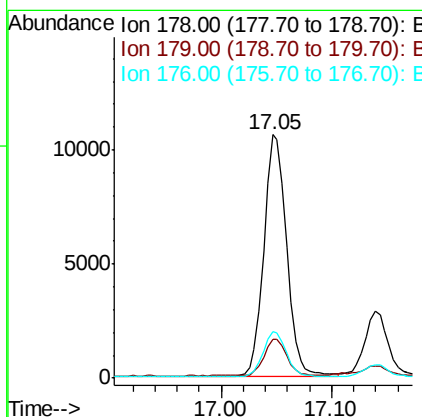
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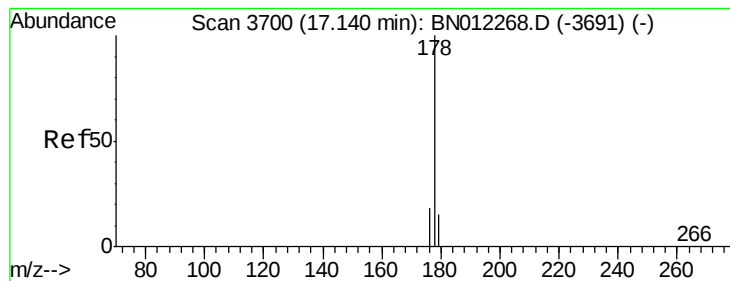
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#12
Phenanthrene
 Concen: 0.573 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN012277.D
 Acq: 16 Oct 2020 21:16

Tgt Ion:	178	Resp:	15304
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.4	20.2
176	19.3	15.7	23.5





#13

Anthracene

Concen: 0.170 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

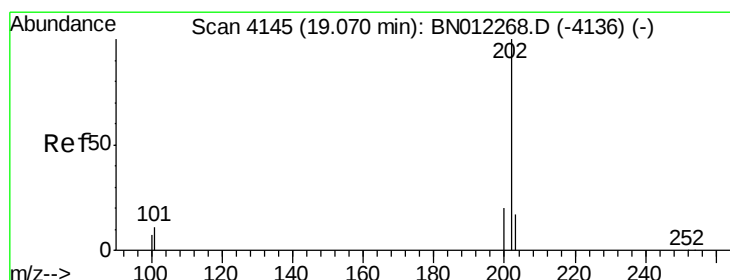
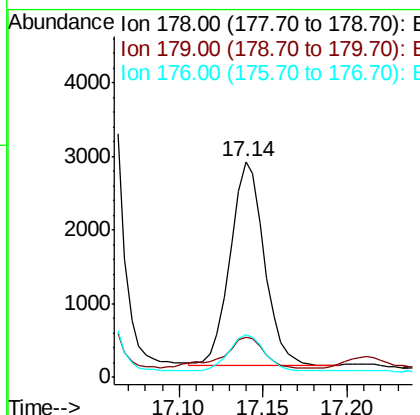
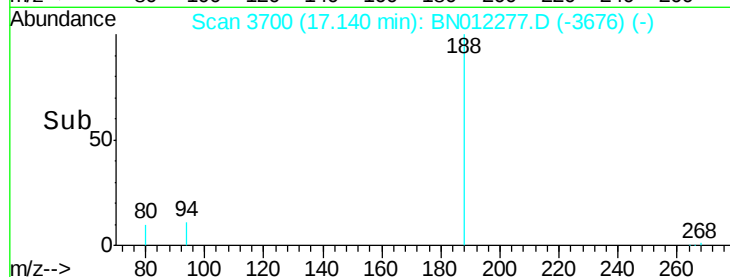
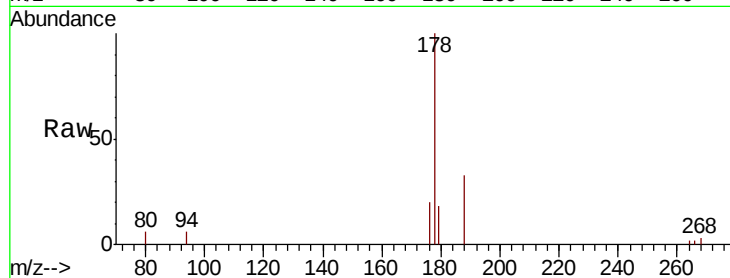
ClientSampleId :

COAL3DL

Tot Ion:	178	Resp:	3895
Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.9	20.9
176	19.7	15.4	23.0

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#15

Fluoranthene

Concen: 0.884 ng/ul

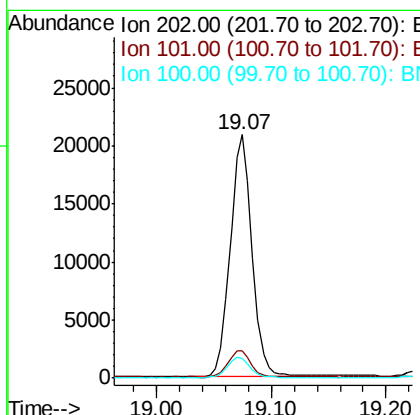
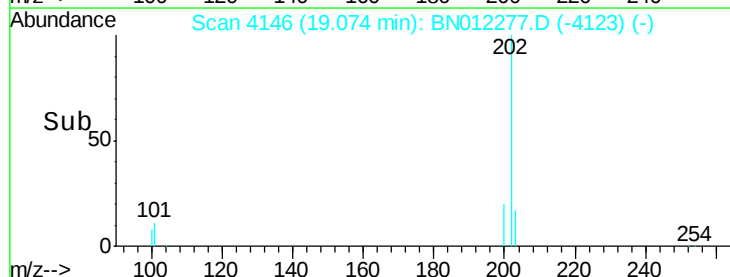
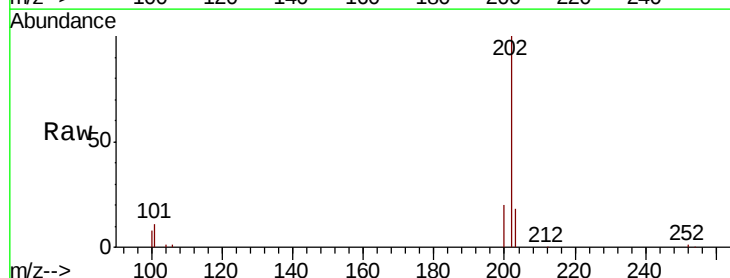
RT: 19.07 min Scan# 4146

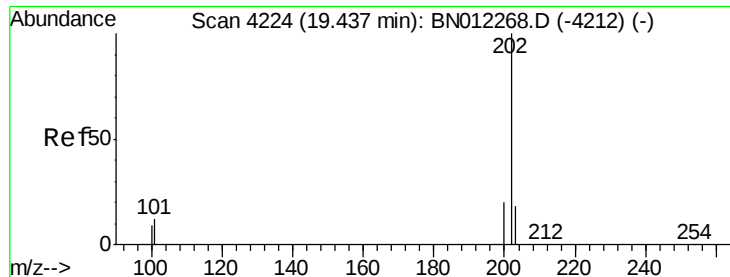
Delta R.T. 0.00 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Tgt Ion:	202	Resp:	27610
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.0
100	8.3	0.0	28.7





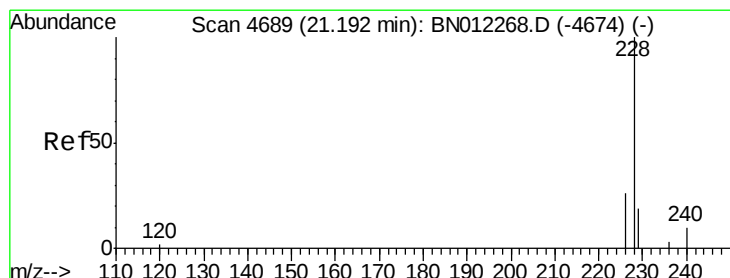
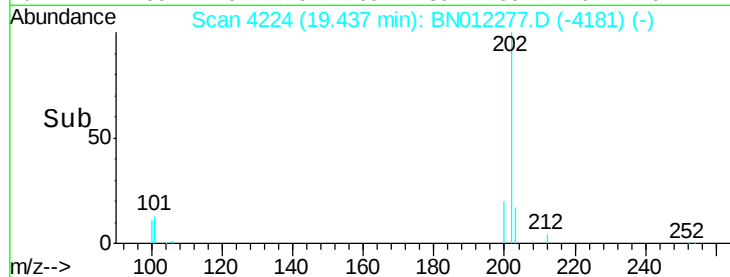
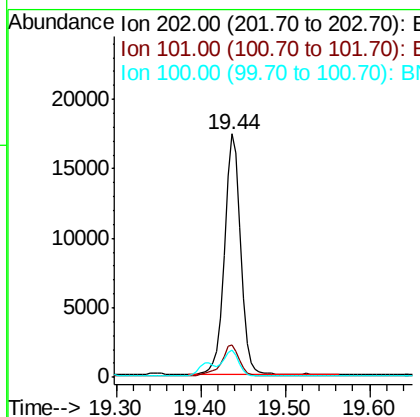
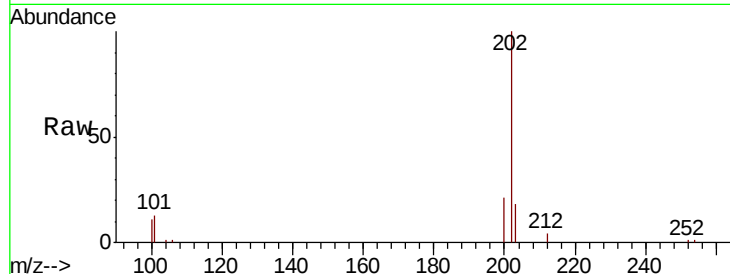
#17
Pvrene
Concen: 0.788 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0AL3DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	9.9	14.9
100	11.1	8.0	12.0

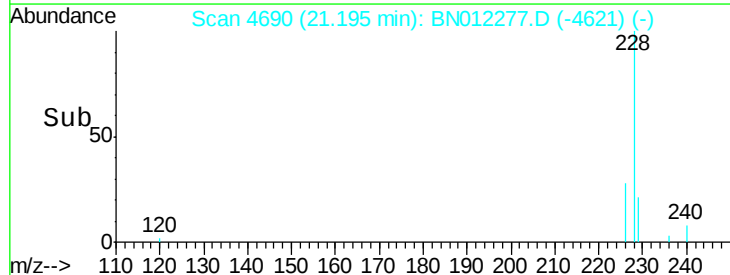
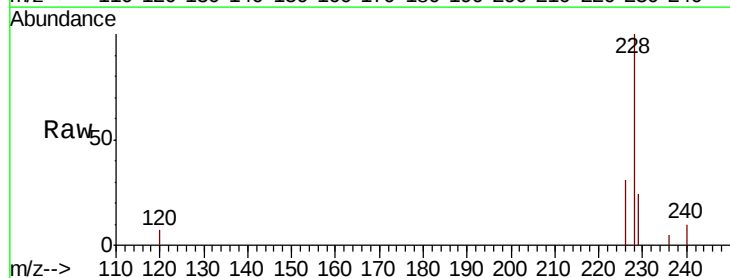
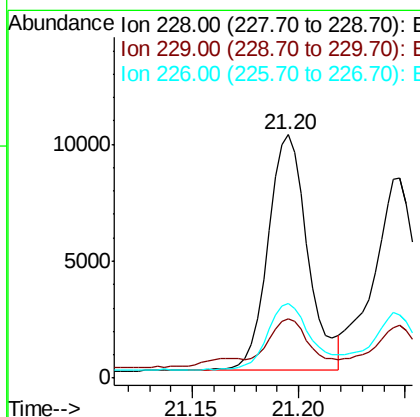
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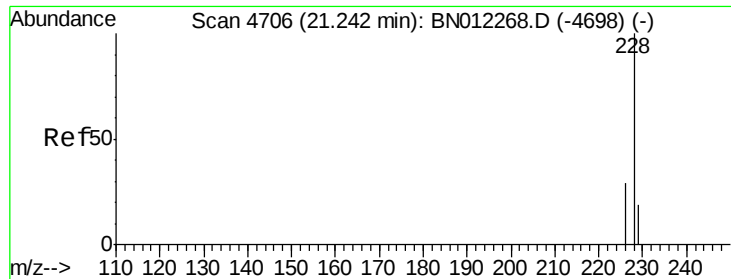
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#18
Benzo(a)anthracene
Concen: 0.531 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.2	15.8	23.8#
226	30.8	22.6	33.8





#19

Chrysene

Concen: 0.391 ng/ul m

RT: 21.25 min Scan# 4708

Delta R.T. 0.01 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

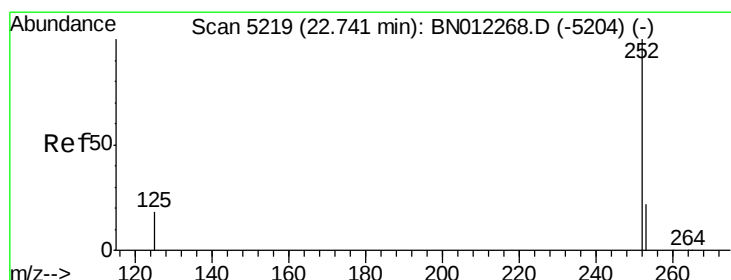
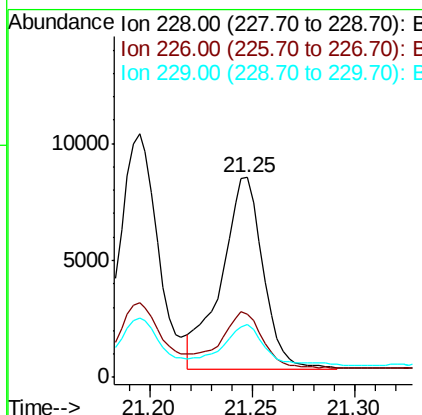
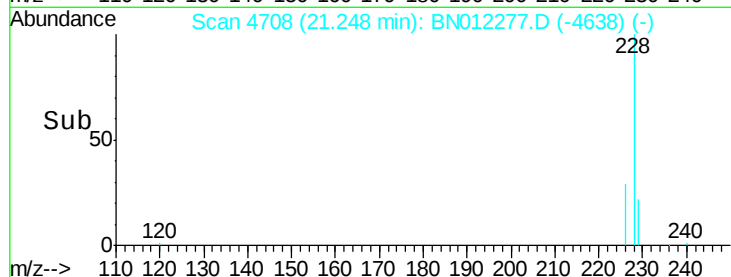
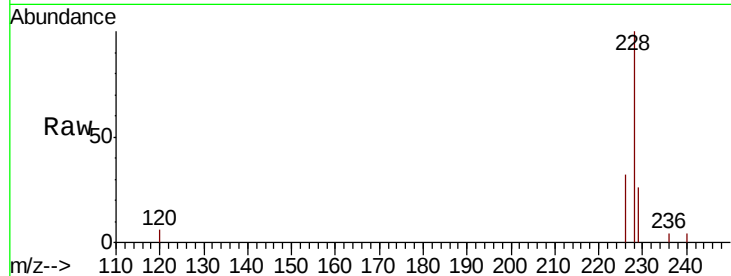
ClientSampleId :

COAL3DL

Tot Ion:	228	Resp:	11739
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.6	37.0
229	26.3	17.0	25.6

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#21

Benzo(b)fluoranthene

Concen: 0.569 ng/ul m

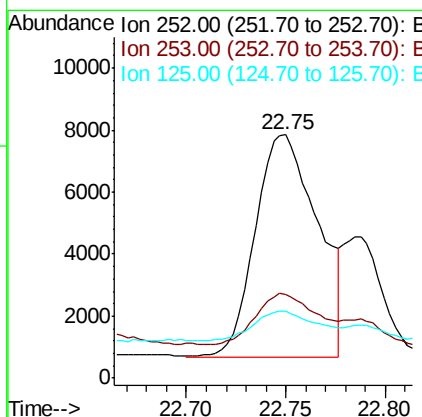
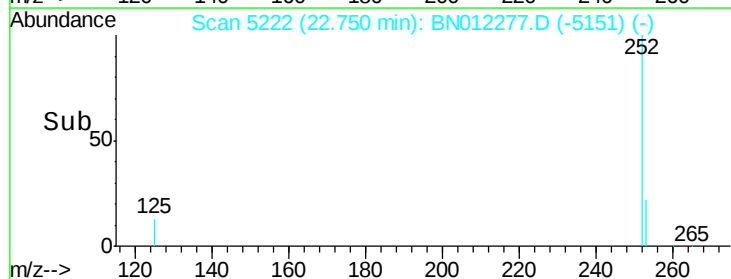
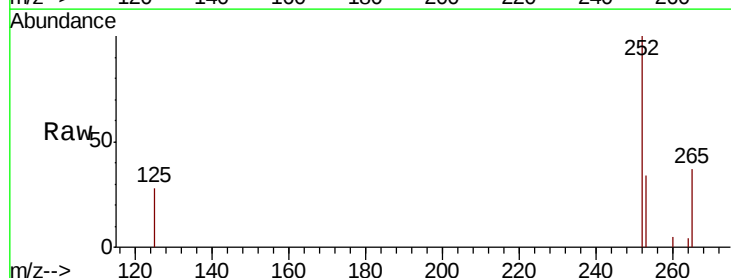
RT: 22.75 min Scan# 5222

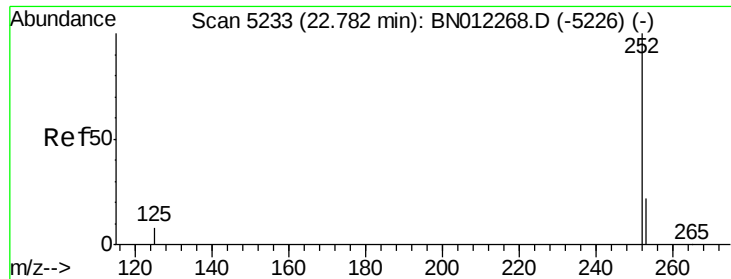
Delta R.T. 0.01 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Tgt Ion:	252	Resp:	15699
Ion Ratio	Lower	Upper	
252	100		
253	34.2	0.0	61.6
125	27.7	0.0	36.8





#22

Benzo(k)fluoranthene

Concen: 0.172 ng/ul m

RT: 22.79 min Scan# 5235

Delta R.T. 0.01 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Instrument :

BNA_N

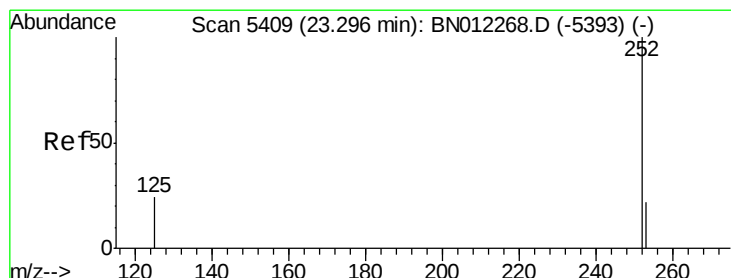
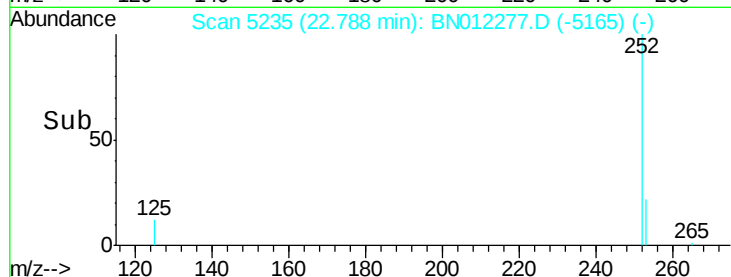
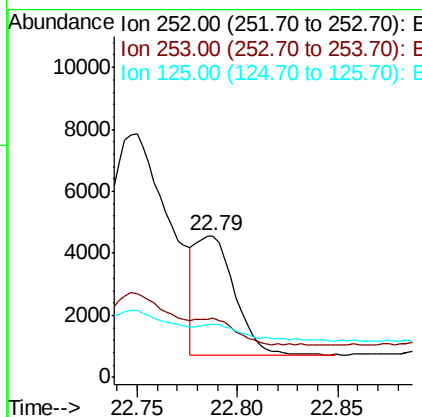
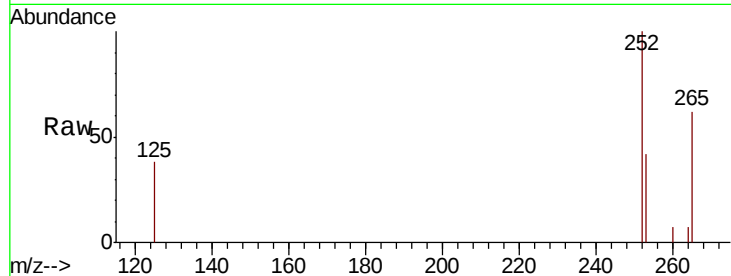
ClientSampleId :

C0AL3DL

Tot Ion:	252	Resp:	5258
Ion Ratio	Lower	Upper	
252	100		
253	41.5	24.4	36.6#
125	37.6	12.9	19.3#

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#23

Benzo(a)pyrene

Concen: 0.395 ng/ul

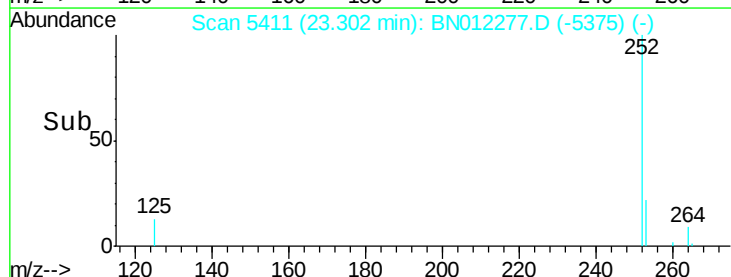
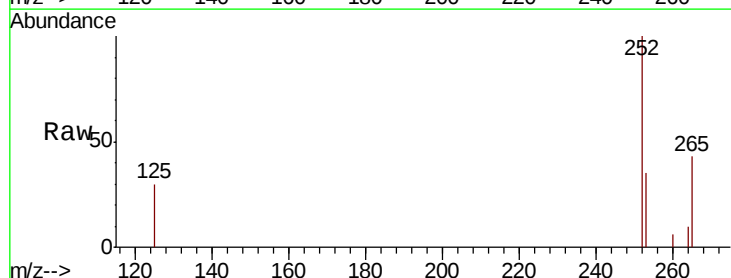
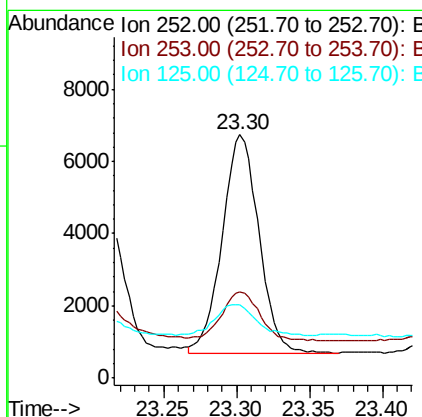
RT: 23.30 min Scan# 5411

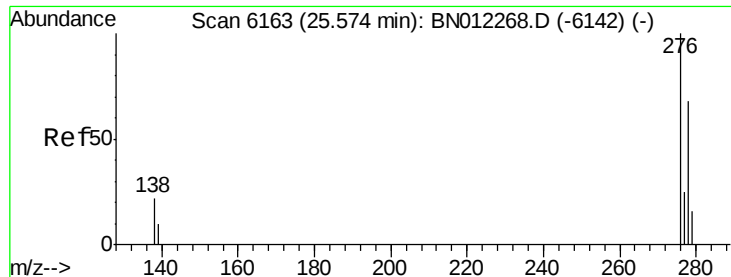
Delta R.T. 0.01 min

Lab File: BN012277.D

Acq: 16 Oct 2020 21:16

Tgt Ion:	252	Resp:	10591
Ion Ratio	Lower	Upper	
252	100		
253	35.4	27.0	40.4
125	30.0	18.8	28.2#





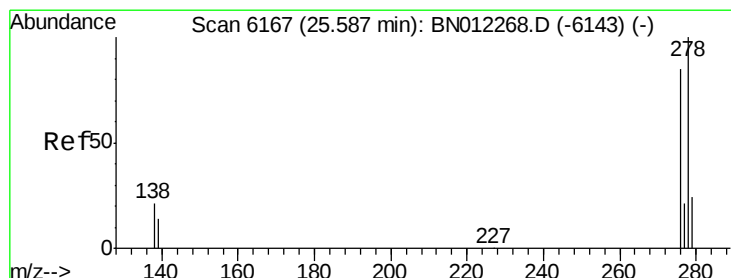
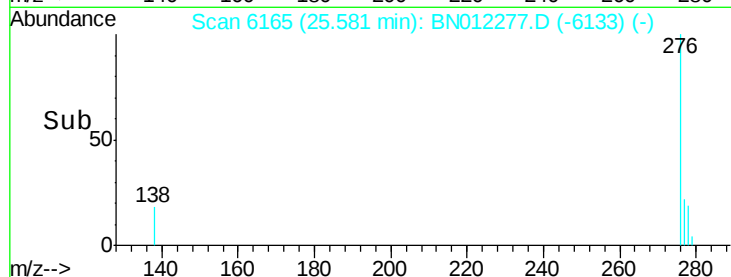
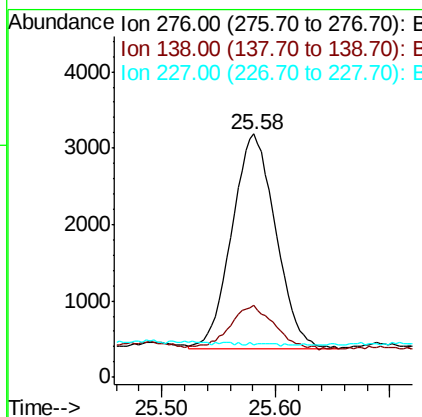
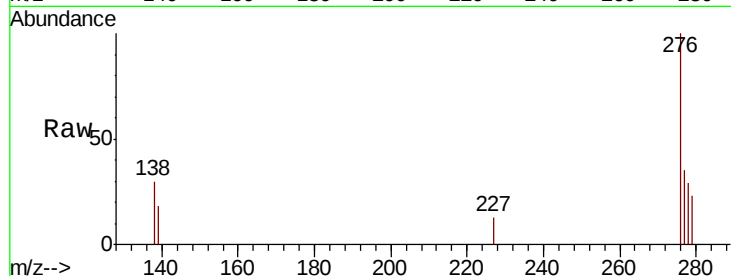
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. 0.01 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0AL3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	0.0	0.0#
227	0.1	0.0	0.0#

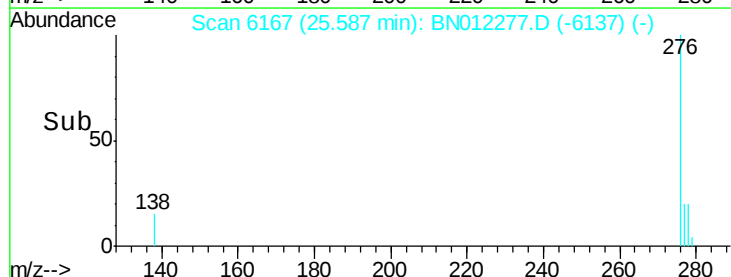
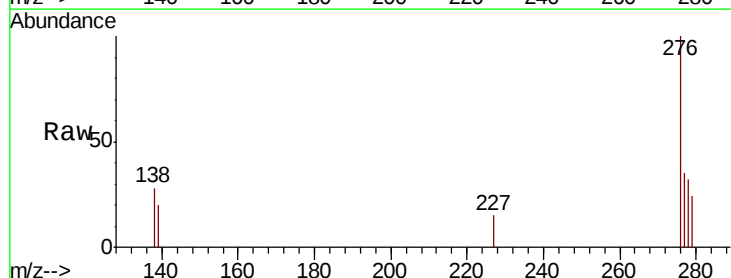
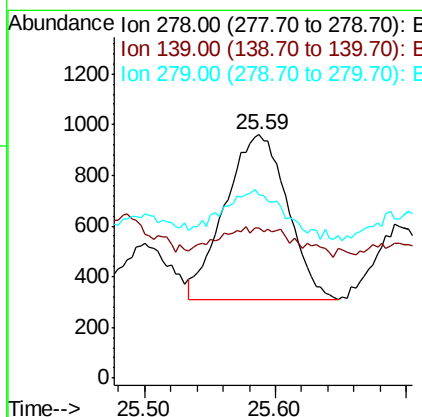
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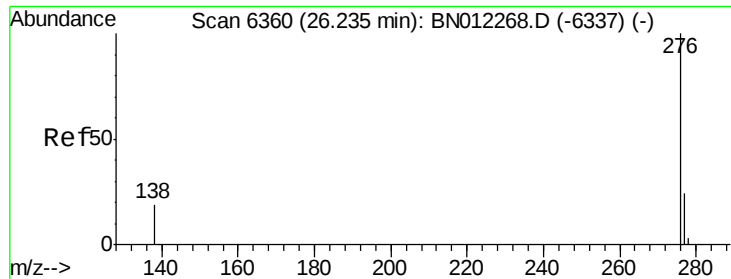
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#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.00 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	61.7	15.7	23.5#
279	75.4	26.0	39.0#





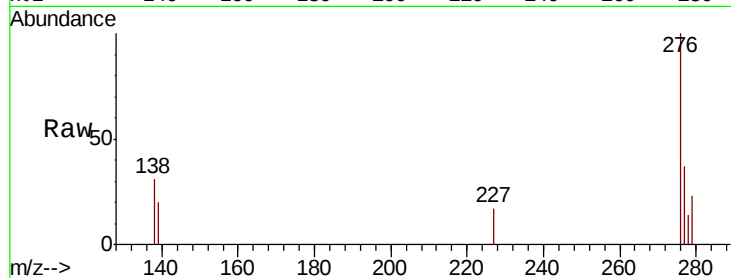
#26
Benzo(a,h,i)perylene
Concen: 0.191 ng/ul
RT: 26.25 min Scan# 6365
Delta R.T. 0.02 min
Lab File: BN012277.D
Acq: 16 Oct 2020 21:16

Instrument :
BNA_N
ClientSampleId :
C0AL3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	17.1	25.7#
277	37.1	21.1	31.7#

Manual Integrations
APPROVED

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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

