

Data File : BN012238.D
Acq On : 15 Oct 2020 19:12
Operator : CG/JU
Sample : L4235-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL0

Manual Integrations
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Quant Time: Oct 16 01:36:07 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 01:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1494	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6296	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3755	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7942	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7448	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7665	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1643	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3944	0.18	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	1374	0.076	ng/ul#	90
5) 2-Methylnaphthalene	12.06	142	705	0.061	ng/ul	100
7) Acenaphthylene	13.98	152	1554	0.095	ng/ul#	92
8) Acenaphthene	14.32	153	476	0.035	ng/ul#	93
9) Fluorene	15.31	166	596	0.039	ng/ul#	91
11) Pentachlorophenol	16.67	266	128	0.056	ng/ul	96
12) Phenanthrene	17.05	178	12036	0.475	ng/ul	100
13) Anthracene	17.14	178	3228	0.149	ng/ul	96
15) Fluoranthene	19.07	202	34297	1.159	ng/ul	99
17) Pyrene	19.44	202	31115	0.927	ng/ul	98
18) Benzo(a)anthracene	21.19	228	20858	0.756	ng/ul	99
19) Chrysene	21.25	228	21699	0.646	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	34219m	1.105	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	12215m	0.356	ng/ul	
23) Benzo(a)pyrene	23.30	252	21412	0.711	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.58	276	16776	0.434	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	4828	0.156	ng/ul#	80
26) Benzo(g,h,i)perylene	26.25	276	15124	0.426	ng/ul	97

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

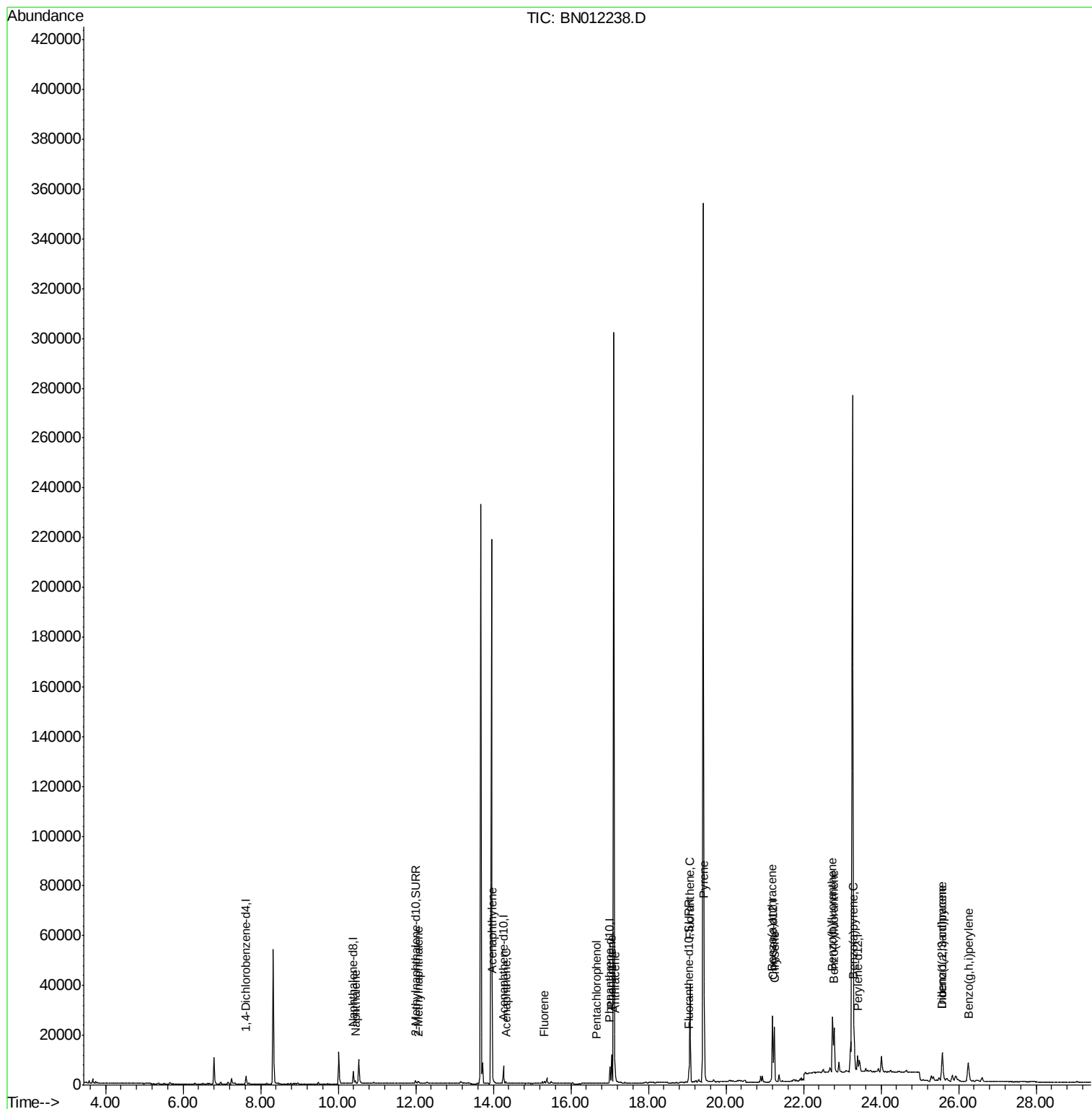
Data File : BN012238.D
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ALS Vial : 50 Sample Multiplier: 1

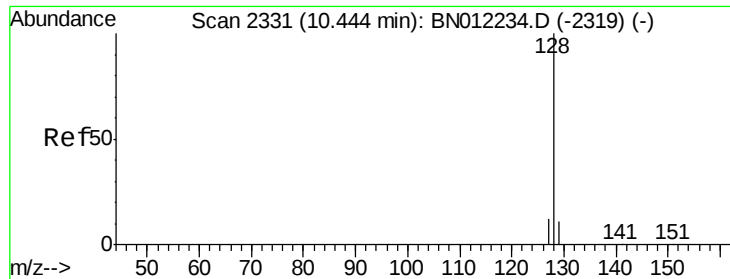
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
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QLast Update : Fri Oct 16 01:19:50 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.076 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012238.D

Acq: 15 Oct 2020 19:12

Instrument :

BNA_N

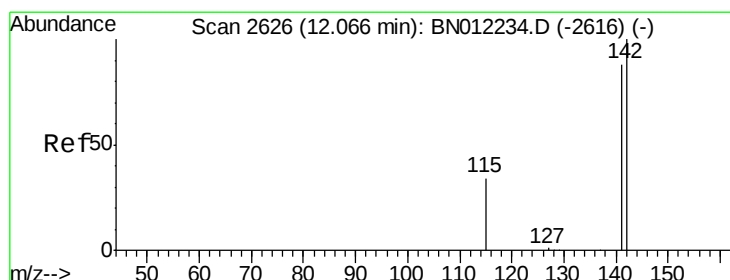
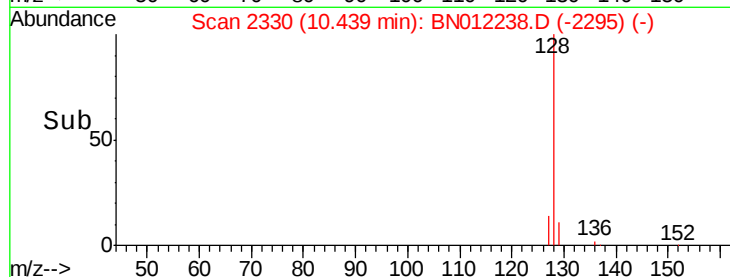
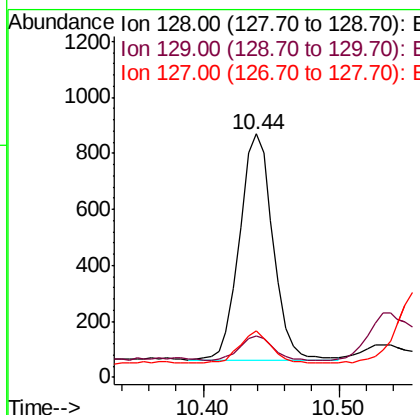
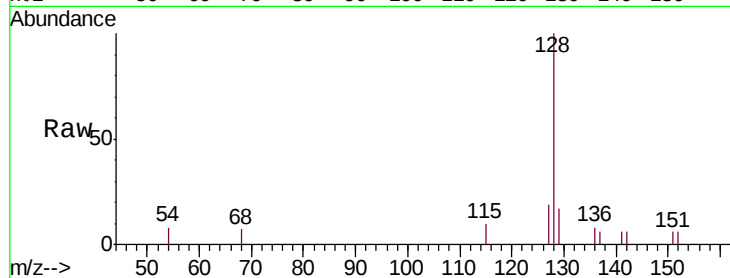
ClientSampleId :

COAL0

Tgt Ion:	128	Resp:	1374
Ion Ratio	Lower	Upper	
128	100		
129	17.0	10.3	15.5#
127	18.9	11.9	17.9#

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#5

2-Methylnaphthalene

Concen: 0.061 ng/ul

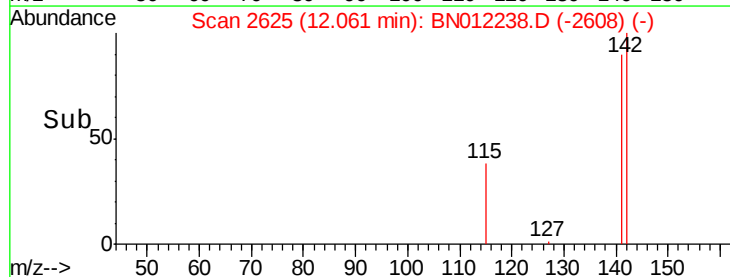
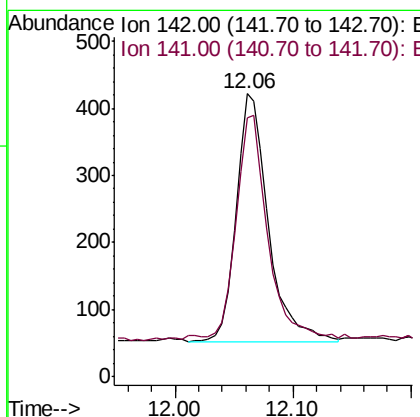
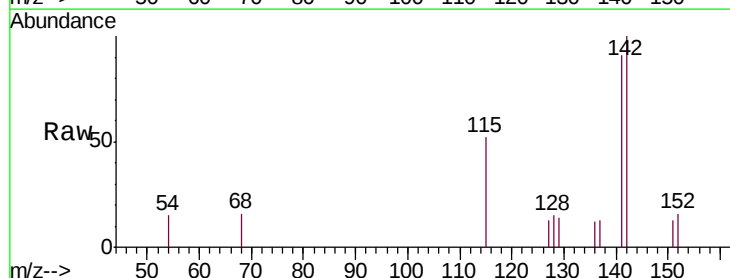
RT: 12.06 min Scan# 2625

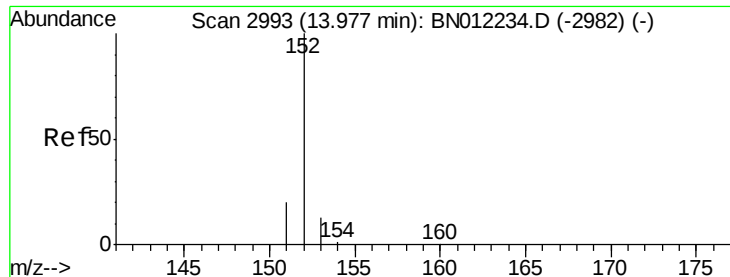
Delta R.T. -0.01 min

Lab File: BN012238.D

Acq: 15 Oct 2020 19:12

Tgt Ion:	142	Resp:	705
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.7	107.5





#7

Acenaphthylene

Concen: 0.095 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012238.D

Acq: 15 Oct 2020 19:12

Instrument :

BNA_N

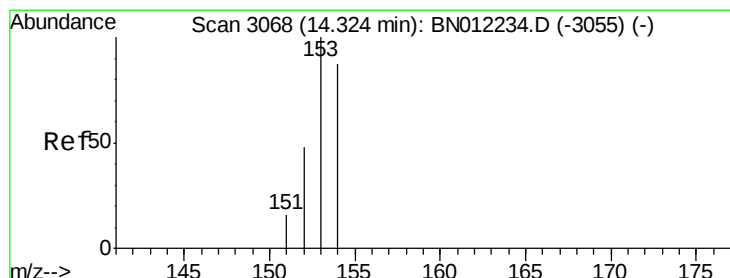
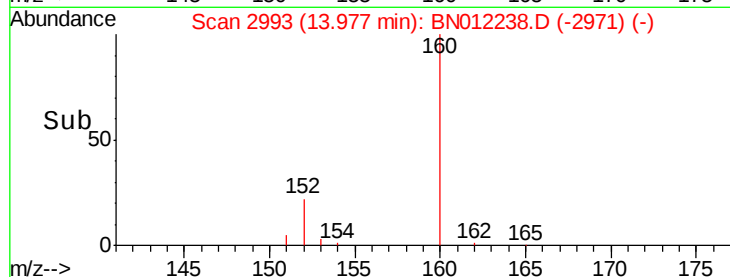
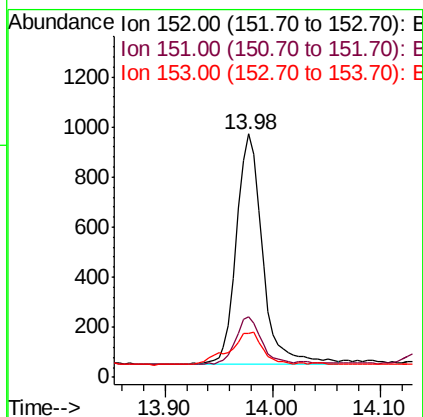
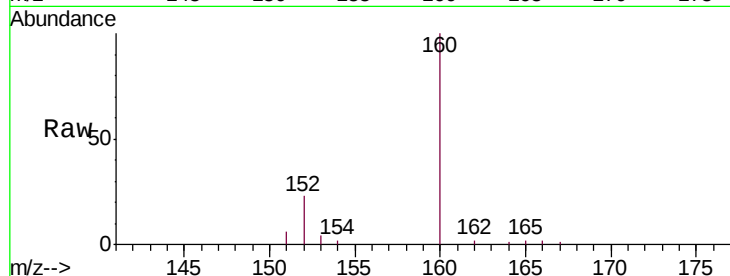
ClientSampled :

COAL0

Tgt Ion:	152	Resp:	1554
Ion Ratio	Lower	Upper	
152	100		
151	24.9	16.7	25.1
153	18.0	11.8	17.8#

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#8

Acenaphthene

Concen: 0.035 ng/ul

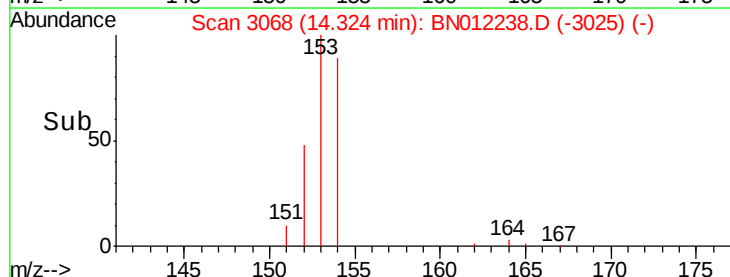
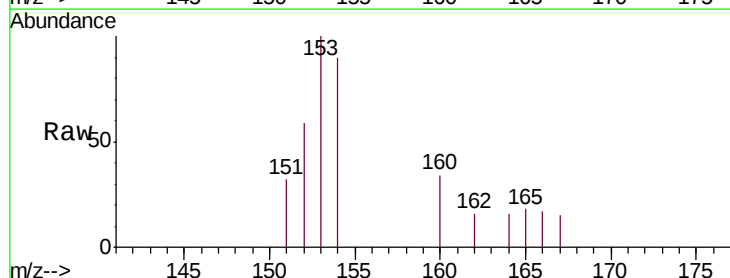
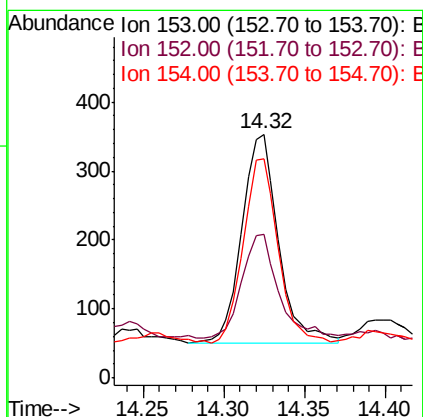
RT: 14.32 min Scan# 3068

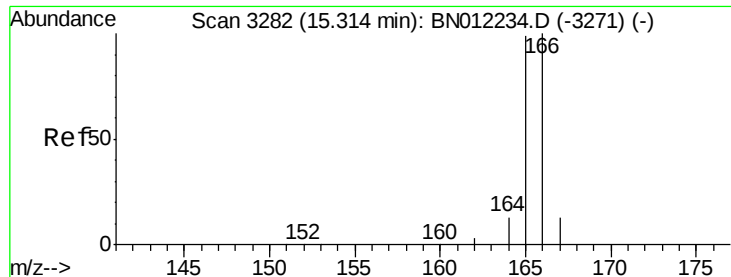
Delta R.T. 0.00 min

Lab File: BN012238.D

Acq: 15 Oct 2020 19:12

Tgt Ion:	153	Resp:	476
Ion Ratio	Lower	Upper	
153	100		
152	58.9	38.2	57.2#
154	90.1	71.1	106.7





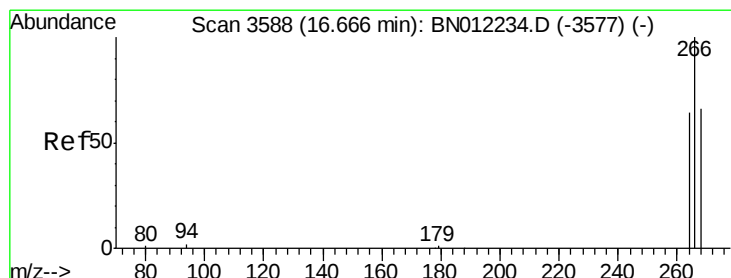
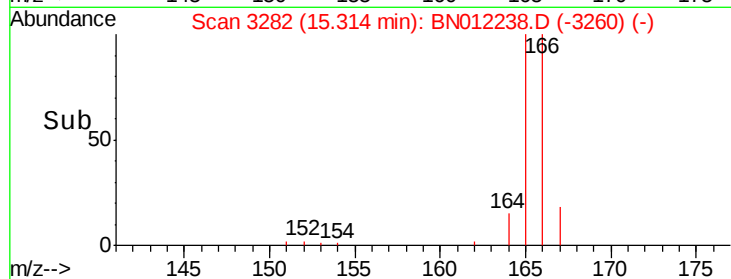
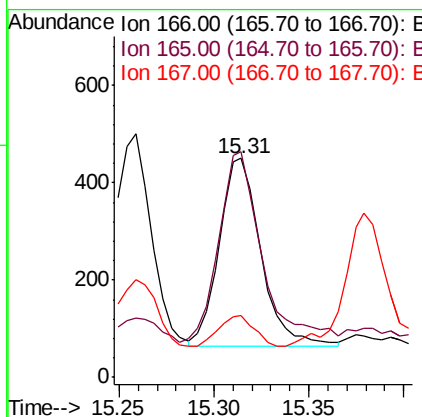
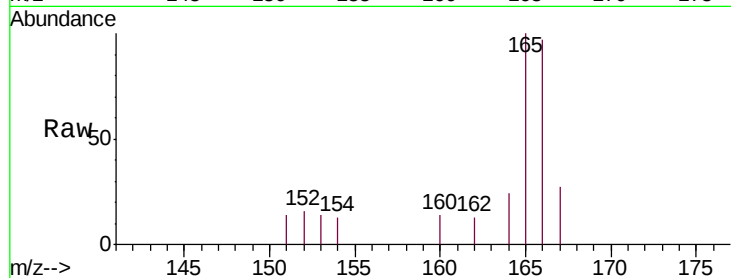
#9
Fluorene
 Concen: 0.039 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. 0.00 min
 Lab File: BN012238.D
 Acq: 15 Oct 2020 19:12

Instrument :
 BNA_N
 ClientSampleId :
 COAL0

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.3	78.6	118.0
167	28.0	11.9	17.9

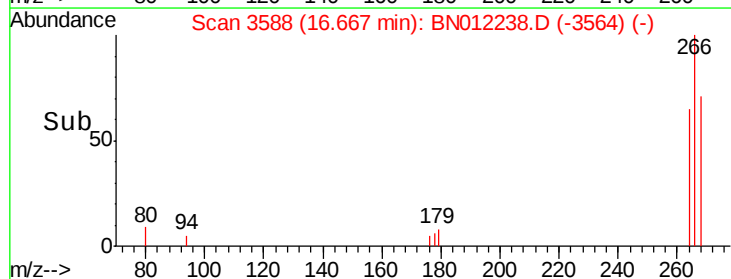
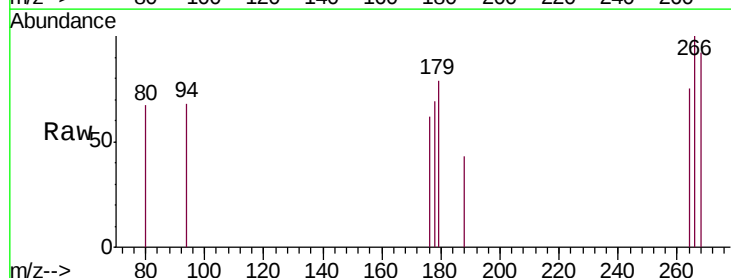
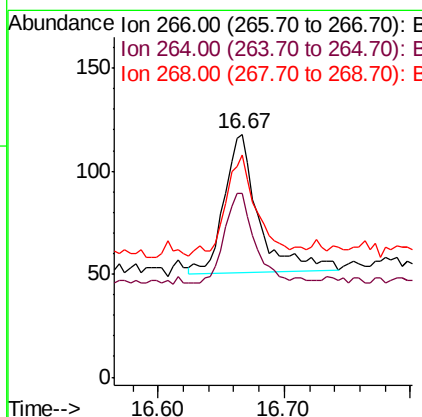
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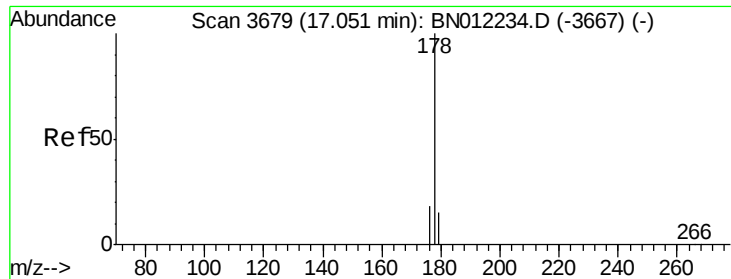
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#11
Pentachlorophenol
 Concen: 0.056 ng/ul
 RT: 16.67 min Scan# 3588
 Delta R.T. 0.00 min
 Lab File: BN012238.D
 Acq: 15 Oct 2020 19:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.6	50.3	75.5
268	67.2	52.4	78.6





#12

Phenanthrene

Concen: 0.475 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012238.D

Acq: 15 Oct 2020 19:12

Instrument :

BNA_N

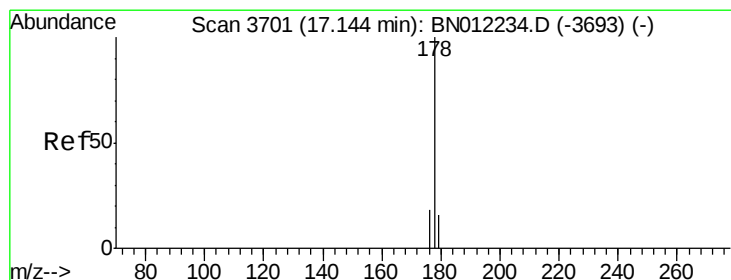
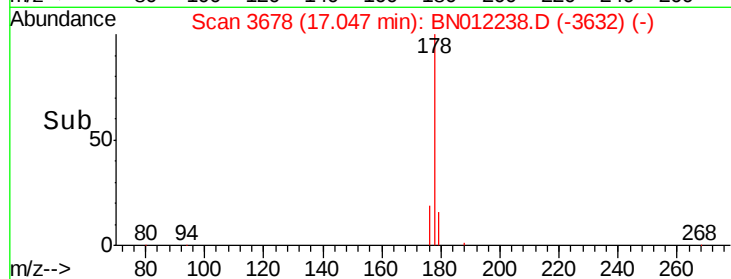
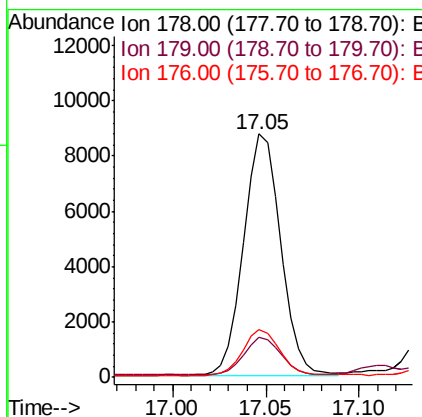
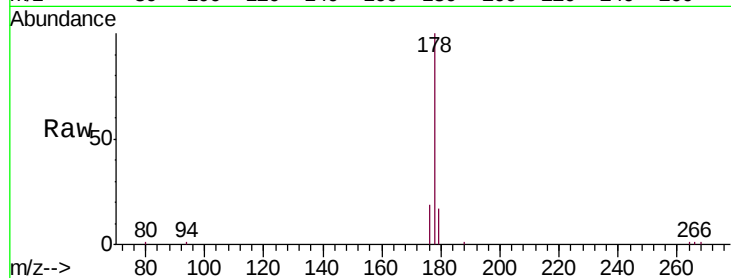
ClientSampleId :

COAL0

Tgt Ion:	178	Resp:	12036
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.4	20.2
176	19.4	15.7	23.5

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#13

Anthracene

Concen: 0.149 ng/ul

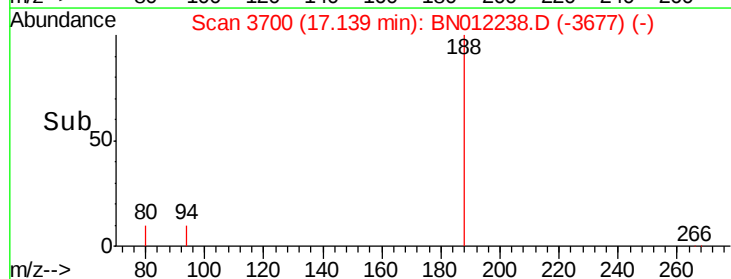
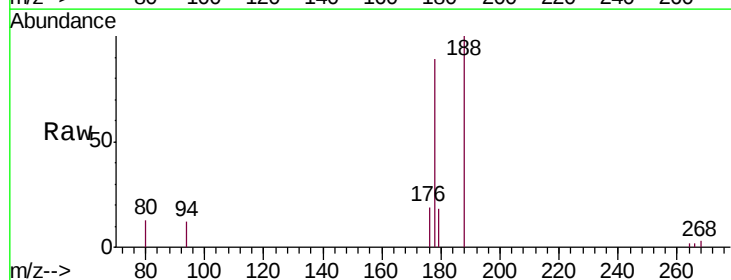
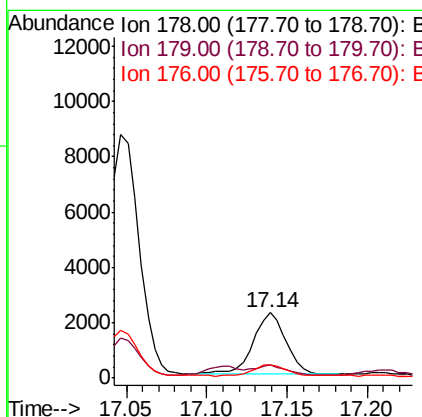
RT: 17.14 min Scan# 3700

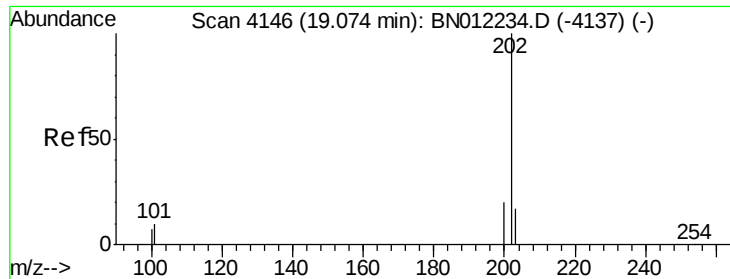
Delta R.T. -0.00 min

Lab File: BN012238.D

Acq: 15 Oct 2020 19:12

Tgt Ion:	178	Resp:	3228
Ion Ratio	Lower	Upper	
178	100		
179	19.8	13.9	20.9
176	20.8	15.4	23.0





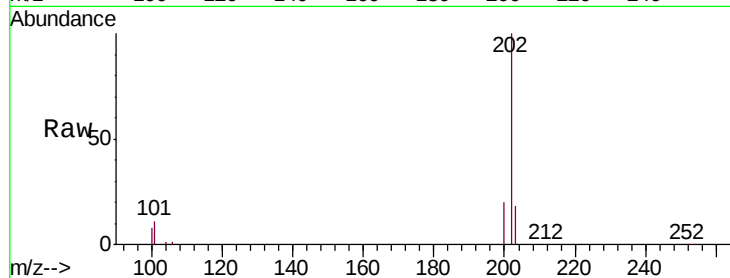
#15
Fluoranthene
Concen: 1.159 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012238.D
Acq: 15 Oct 2020 19:12

Instrument :
BNA_N
ClientSampleId :
COAL0

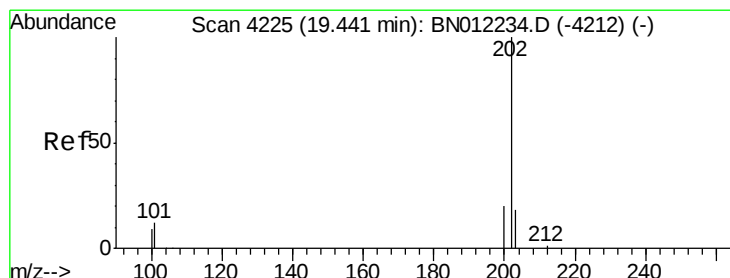
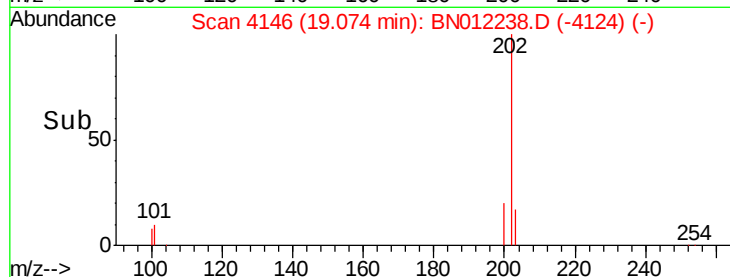
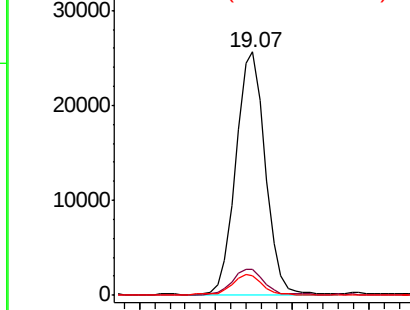
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	0.0	31.0
100	8.0	0.0	28.7

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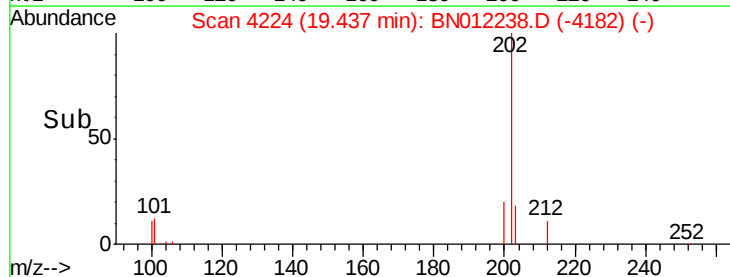
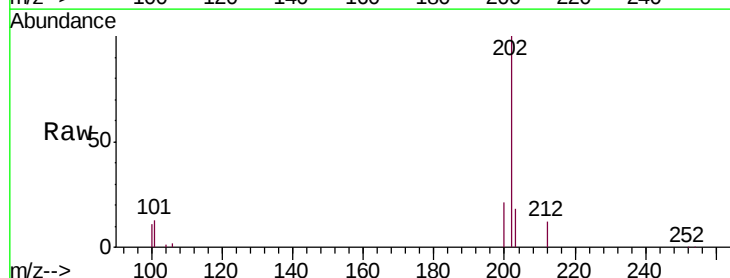
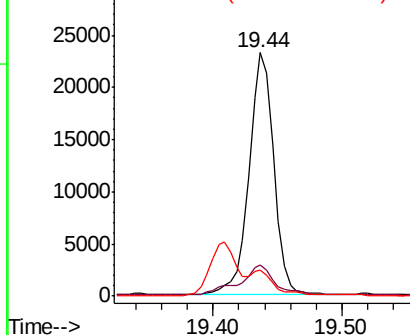
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

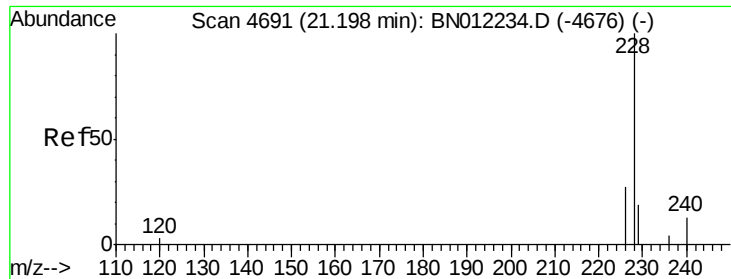


#17
Pyrene
Concen: 0.927 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012238.D
Acq: 15 Oct 2020 19:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	9.9	14.9
100	10.8	8.0	12.0

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





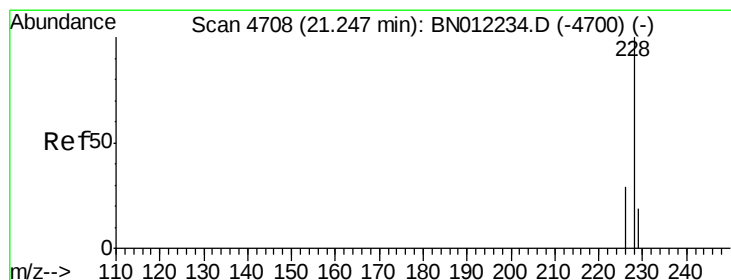
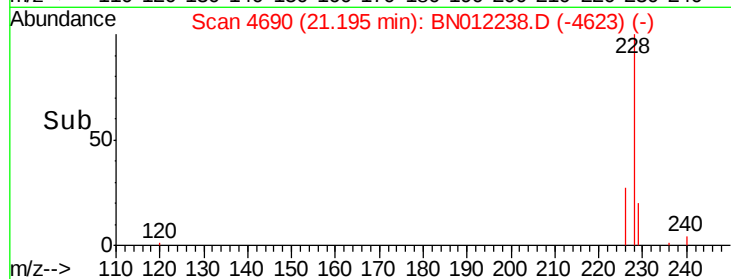
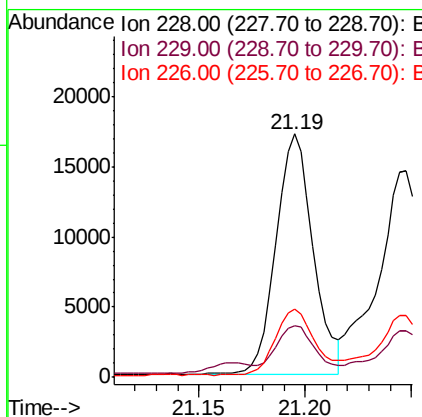
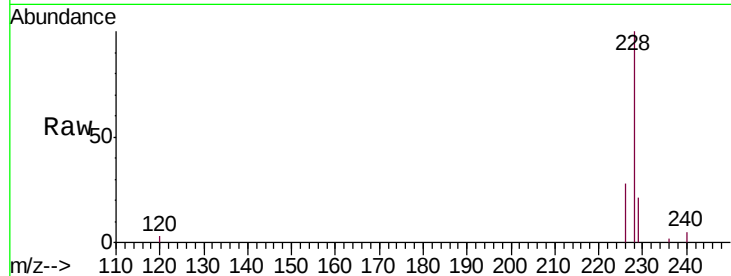
#18
Benzo(a)anthracene
Concen: 0.756 ng/ul
RT: 21.19 min Scan# 4690
Delta R.T. -0.00 min
Lab File: BN012238.D
Acq: 15 Oct 2020 19:12

Instrument :
BNA_N
ClientSampleId :
COAL0

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.1	22.6	33.8

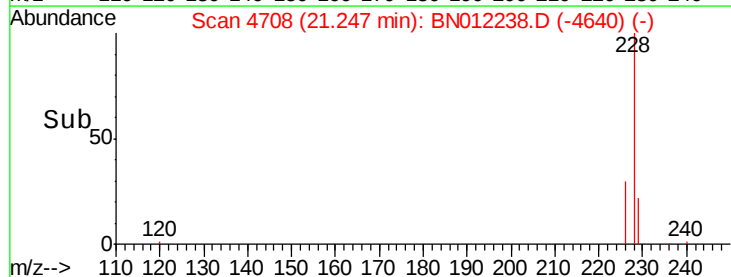
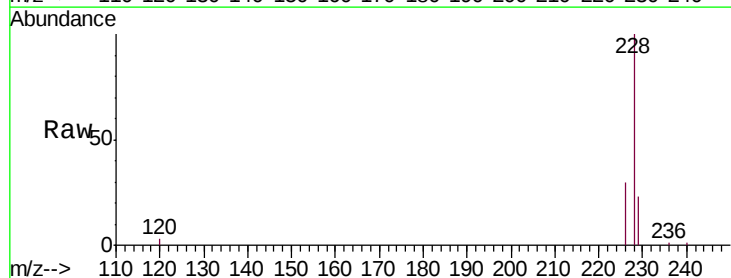
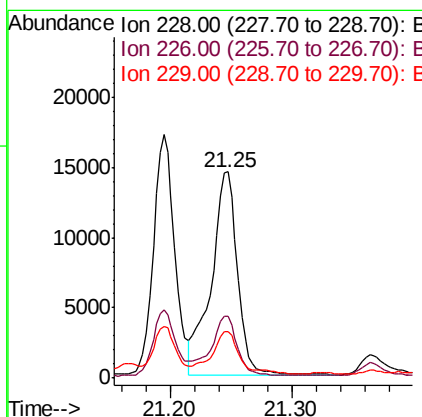
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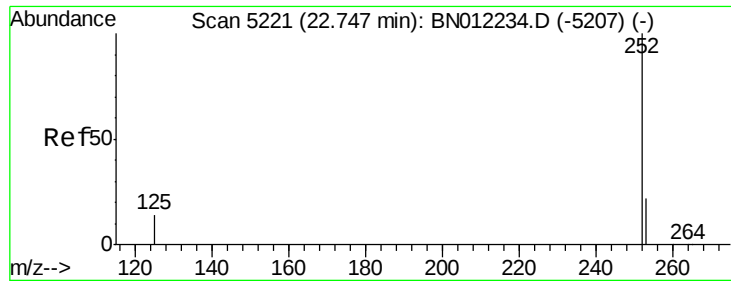
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#19
Chrysene
Concen: 0.646 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. 0.00 min
Lab File: BN012238.D
Acq: 15 Oct 2020 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	22.8	17.0	25.6





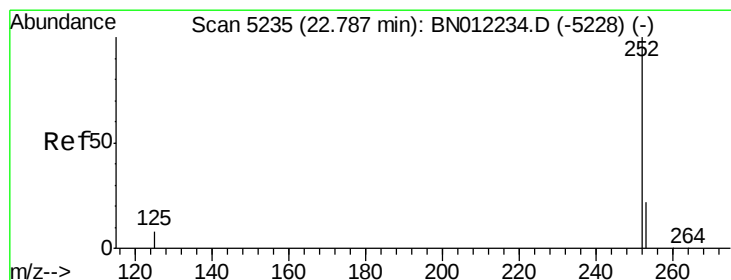
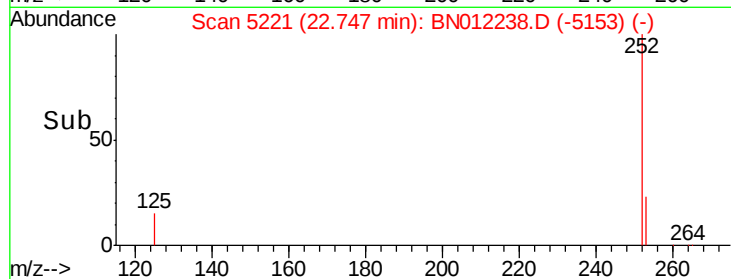
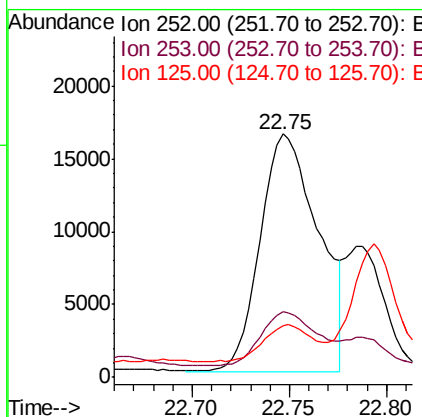
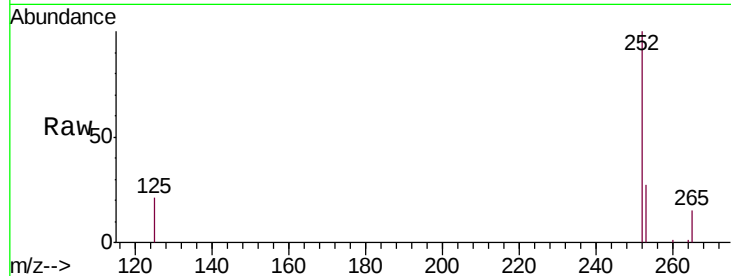
#21
Benzo(b)fluoranthene
Concen: 1.105 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. 0.00 min
Lab File: BN012238.D
Acq: 15 Oct 2020 19:12

Instrument :
BNA_N
ClientSampleId :
COAL0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	61.6
125	21.1	0.0	36.8

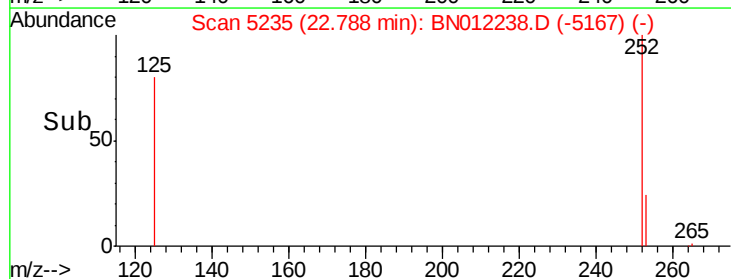
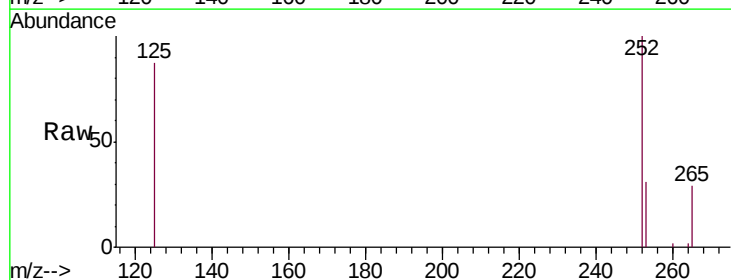
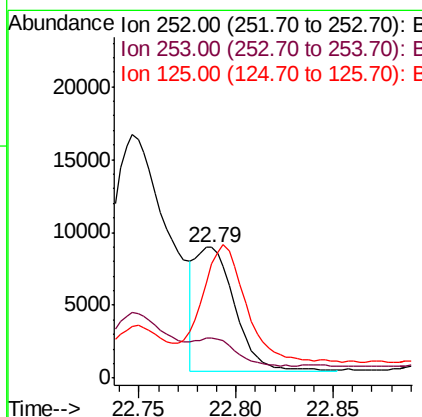
Manual Integrations
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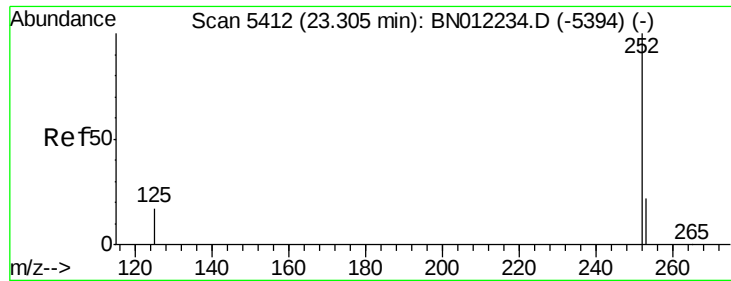
mohammad
10/19/2020 1:19:51 PM



#22
Benzo(k)fluoranthene
Concen: 0.356 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. 0.00 min
Lab File: BN012238.D
Acq: 15 Oct 2020 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	24.4	36.6
125	87.4	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 0.711 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. -0.00 min

Lab File: BN012238.D

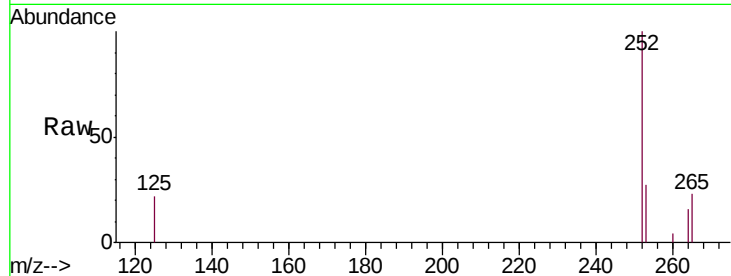
Acq: 15 Oct 2020 19:12

Instrument :

BNA_N

ClientSampleId :

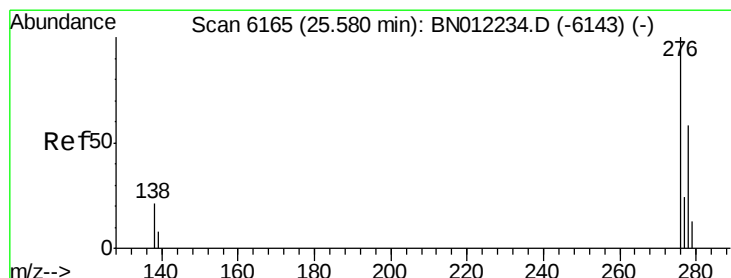
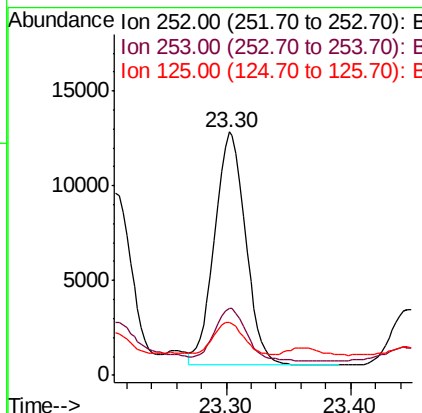
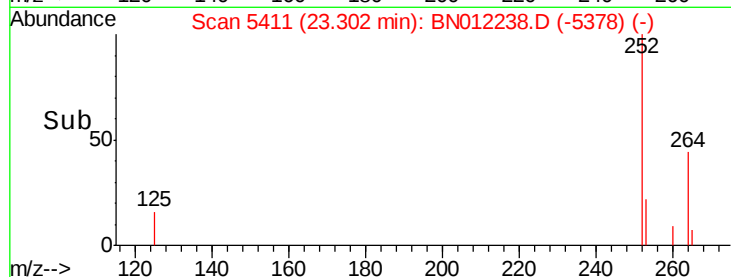
COAL0



Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	27.0	40.4
125	21.8	18.8	28.2

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.434 ng/ul

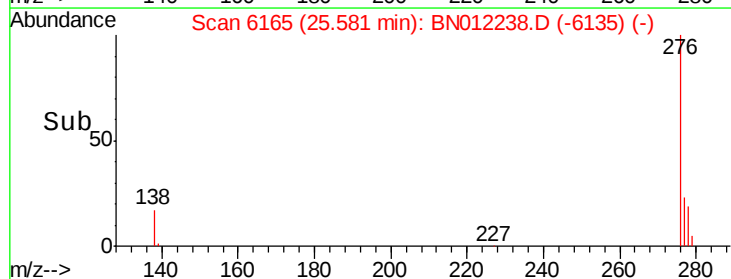
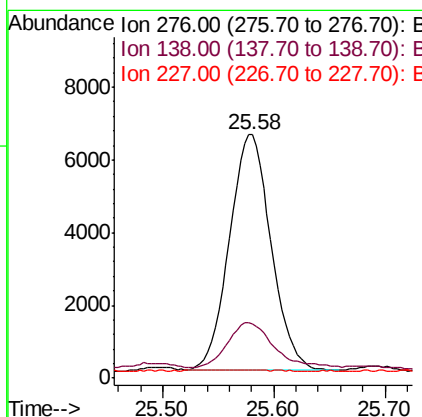
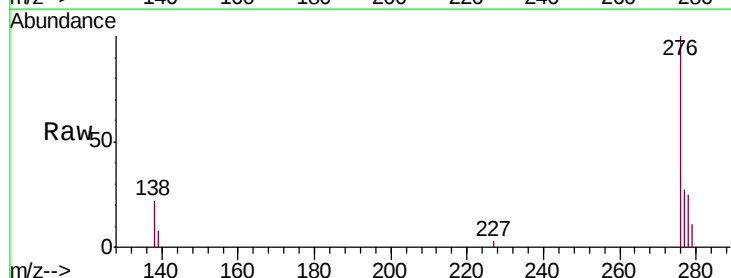
RT: 25.58 min Scan# 6165

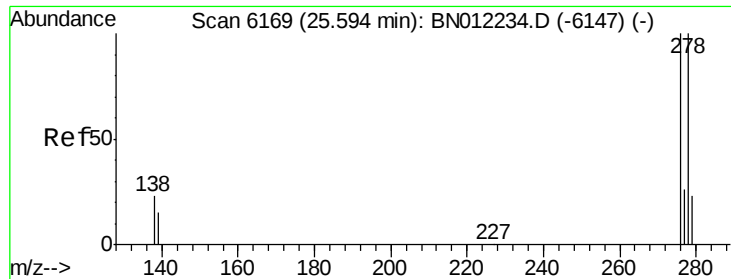
Delta R.T. 0.00 min

Lab File: BN012238.D

Acq: 15 Oct 2020 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	0.0	0.0#
227	0.1	0.0	0.0#





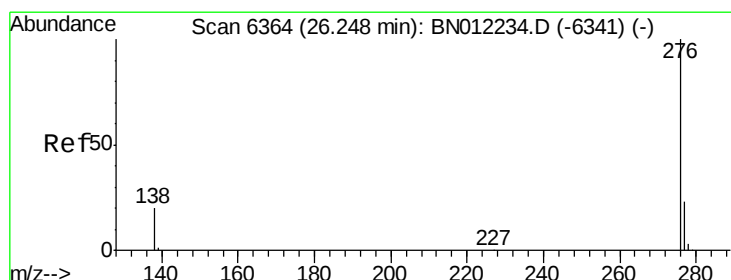
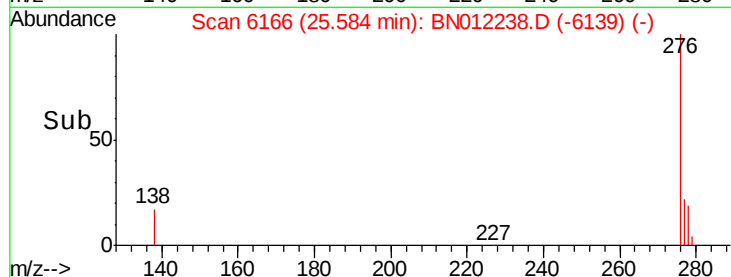
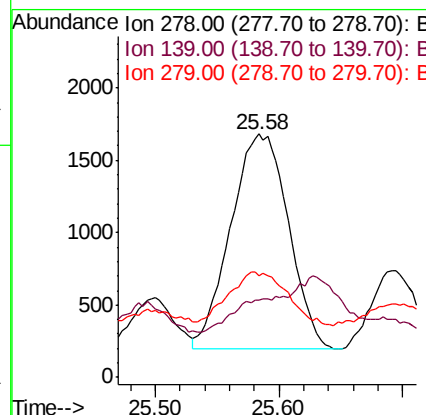
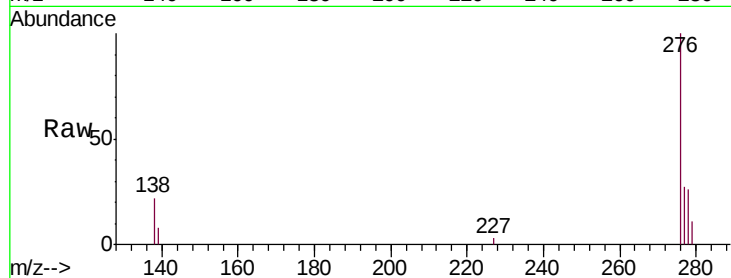
#25
Dibenzo(a,h)anthracene
Concen: 0.156 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.01 min
Lab File: BN012238.D
Acq: 15 Oct 2020 19:12

Instrument :
BNA_N
ClientSampleId :
COAL0

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.8	15.7	23.5#
279	41.5	26.0	39.0#

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#26
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. 0.00 min
Lab File: BN012238.D
Acq: 15 Oct 2020 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	17.1	25.7
277	26.2	21.1	31.7

