

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012279.D
 Acq On : 16 Oct 2020 22:29
 Operator : CG/JU
 Sample : L4201-19DL 10X
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL1DL

Manual Integrations
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mohammad
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Quant Time: Oct 17 00:18:11 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	2039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8437	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9371	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7583	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7831	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	191	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	431	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	876	0.036	ng/ul#	82
7) Acenaphthylene	13.98	152	1167	0.057	ng/ul#	88
8) Acenaphthene	14.32	153	488	0.028	ng/ul#	94
9) Fluorene	15.31	166	729	0.038	ng/ul#	93
12) Phenanthrene	17.05	178	11982	0.401	ng/ul	99
13) Anthracene	17.14	178	2516	0.098	ng/ul	95
15) Fluoranthene	19.07	202	23973	0.686	ng/ul	99
17) Pyrene	19.44	202	20101	0.588	ng/ul	98
18) Benzo(a)anthracene	21.19	228	11117	0.396	ng/ul	95
19) Chrysene	21.24	228	11021	0.322	ng/ul	95
21) Benzo(b)fluoranthene	22.75	252	15153m	0.479	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	4952m	0.141	ng/ul	
23) Benzo(a)pyrene	23.30	252	9708	0.315	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.58	276	7102	0.180	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	1901	0.060	ng/ul#	20
26) Benzo(a,h,i)perylene	26.25	276	6344	0.175	ng/ul#	80

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

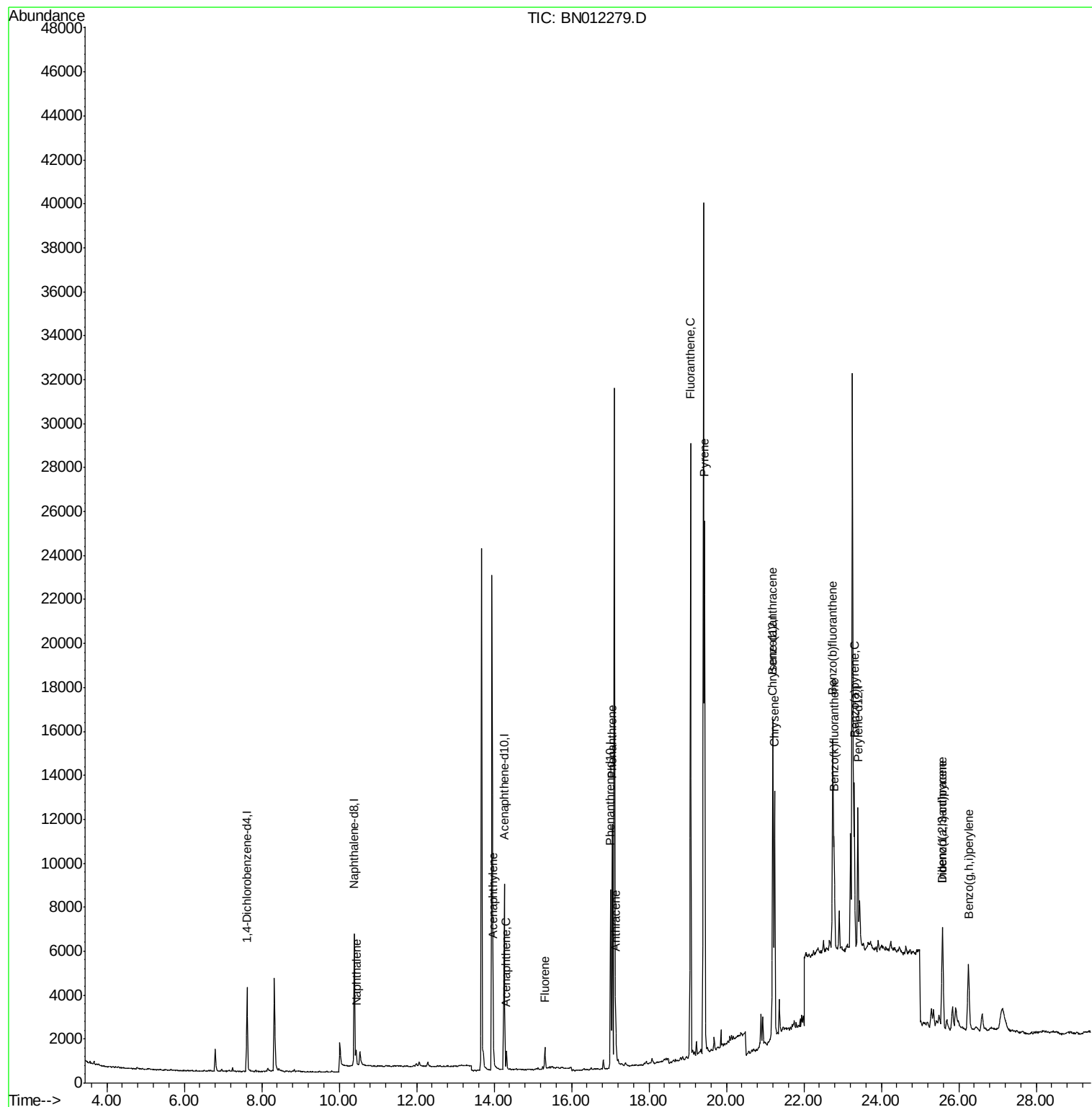
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012279.D
Acq On : 16 Oct 2020 22:29
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Sample : L4201-19DL 10X
Misc :
ALS Vial : 91 Sample Multiplier: 1

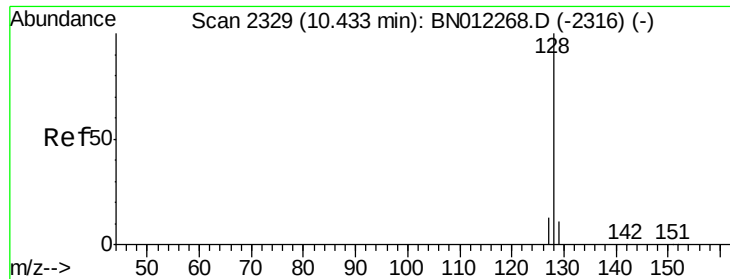
Instrument :
BNA_N
ClientSampleId :
C0AL1DL

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Quant Time: Oct 17 00:18:11 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





#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

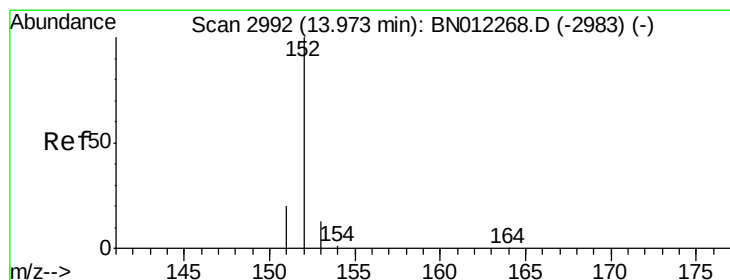
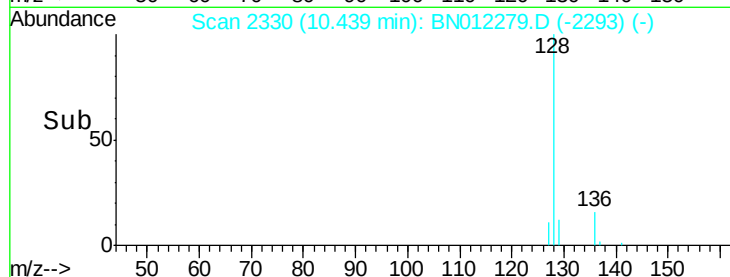
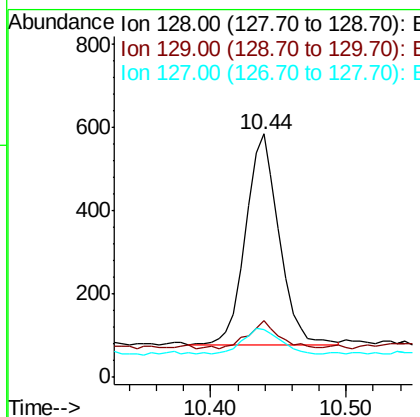
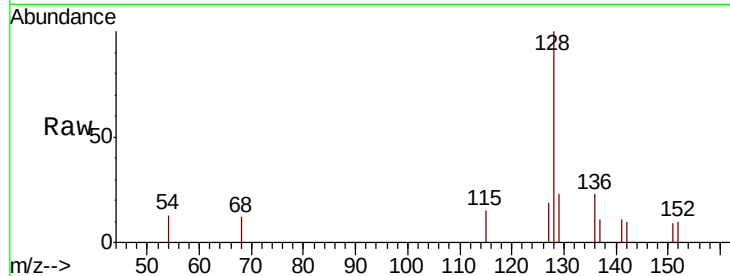
ClientSampleId :

COAL1DL

Tot Ion:	128	Resp:	876
Ion	Ratio	Lower	Upper
128	100		
129	23.2	10.3	15.5#
127	19.3	11.9	17.9#

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#7

Acenaphthylene

Concen: 0.057 ng/ul

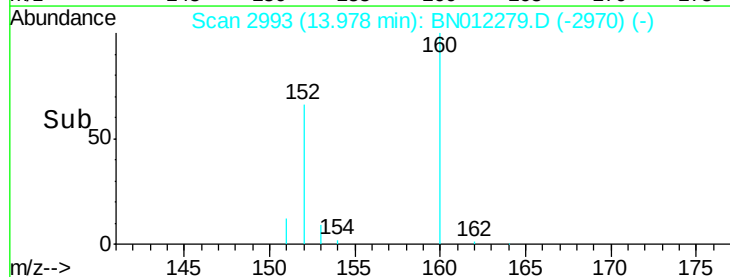
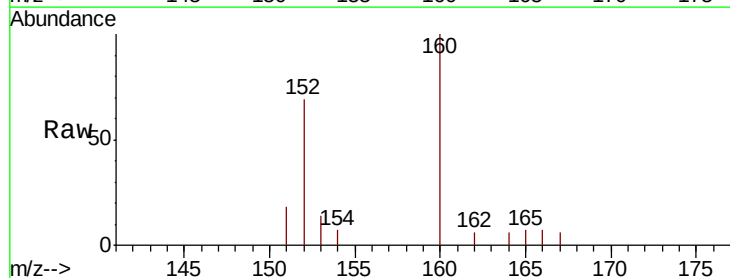
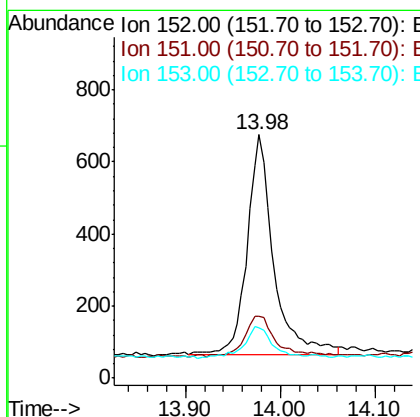
RT: 13.98 min Scan# 2993

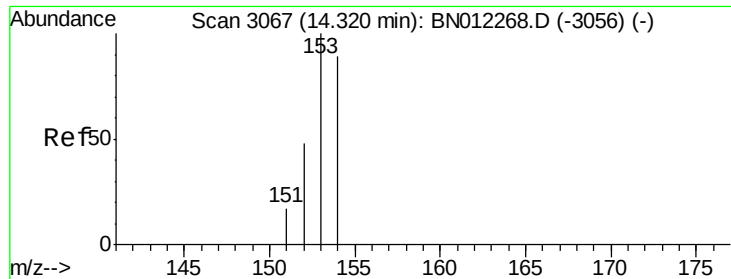
Delta R.T. 0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Tgt Ion:	152	Resp:	1167
Ion	Ratio	Lower	Upper
152	100		
151	25.4	16.7	25.1#
153	20.7	11.8	17.8#





#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

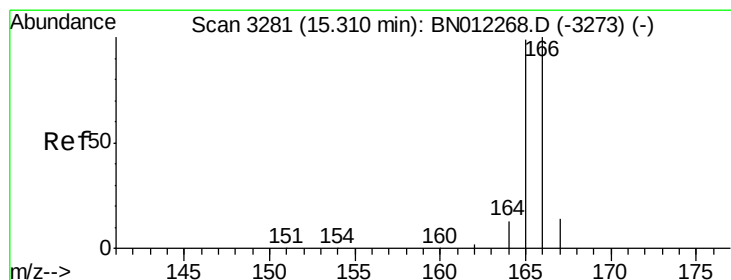
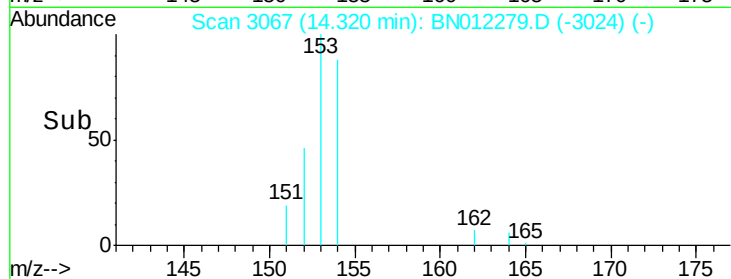
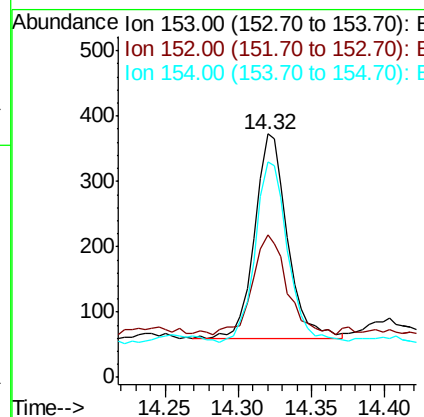
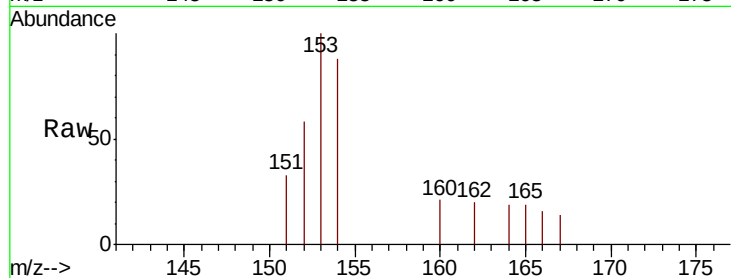
ClientSampleID :

COAL1DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	58.4	38.2	57.2#
154	88.5	71.1	106.7

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#9

Fluorene

Concen: 0.038 ng/ul

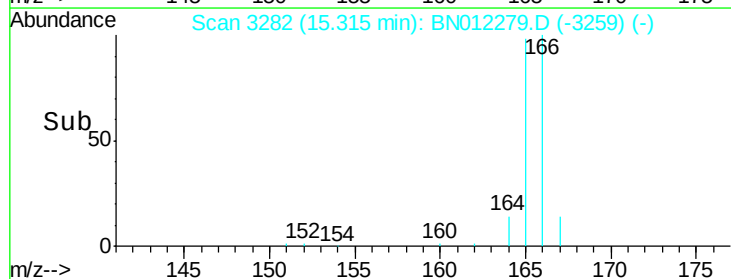
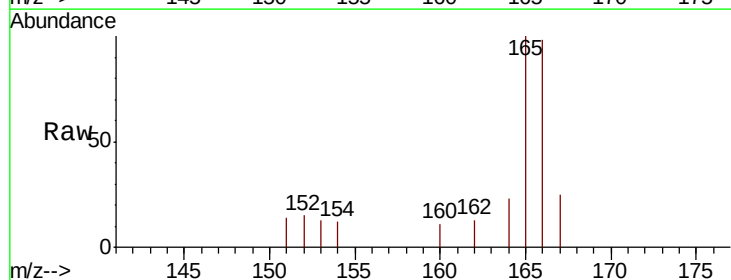
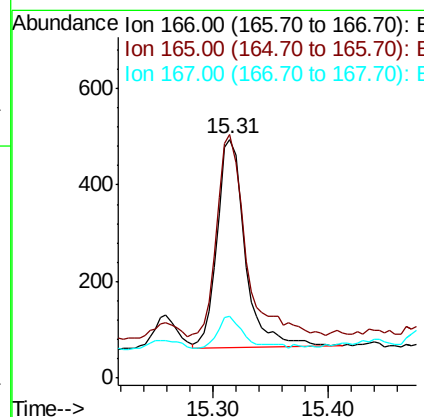
RT: 15.31 min Scan# 3282

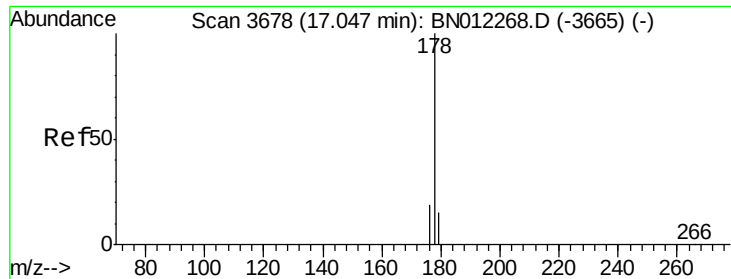
Delta R.T. 0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.6	118.0
167	25.7	11.9	17.9#





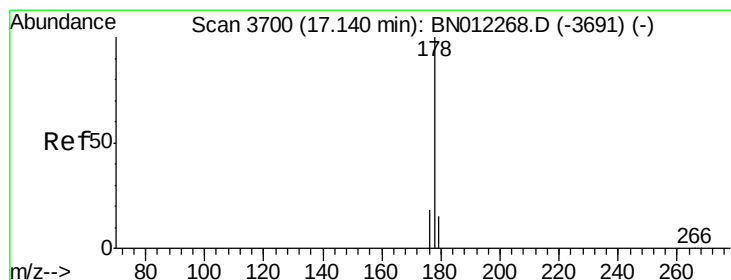
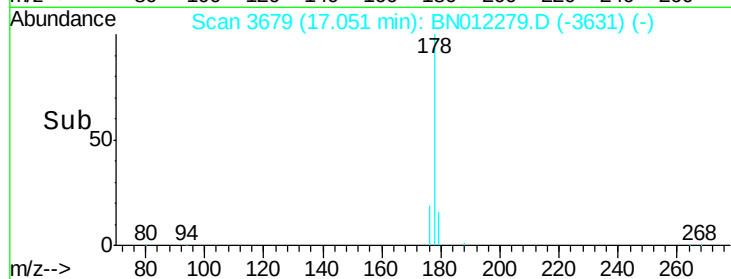
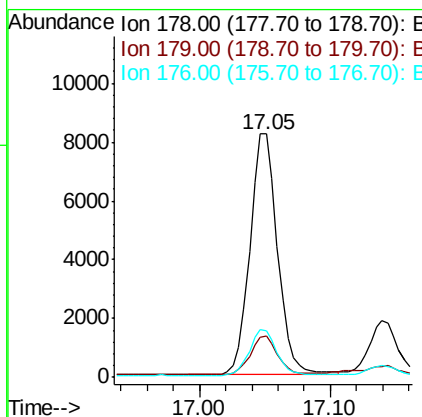
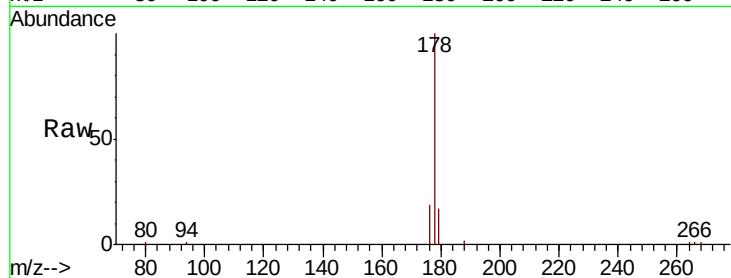
#12
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Instrument :
BNA_N
ClientSampleId :
C0AL1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.4	20.2
176	19.3	15.7	23.5

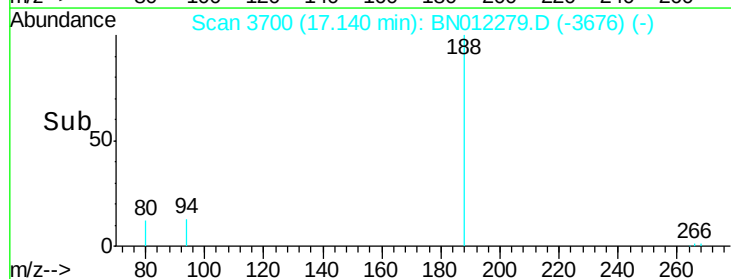
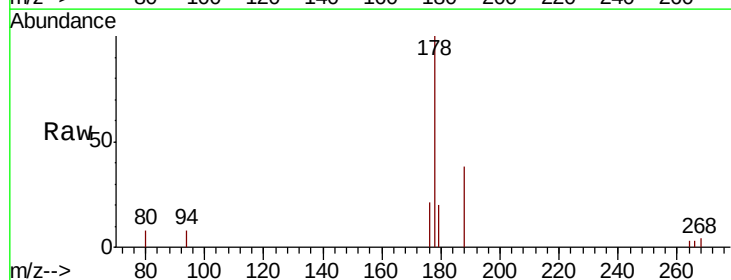
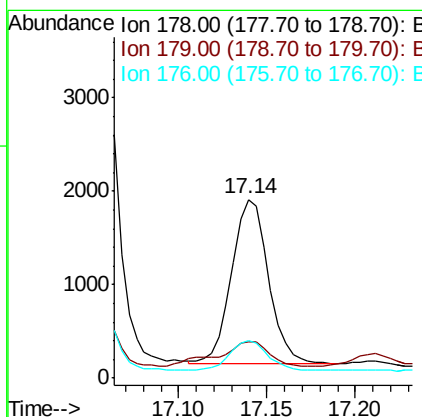
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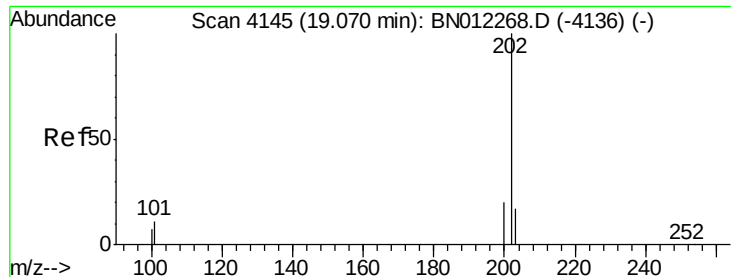
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#13
Anthracene
Concen: 0.098 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.1	13.9	20.9
176	20.8	15.4	23.0





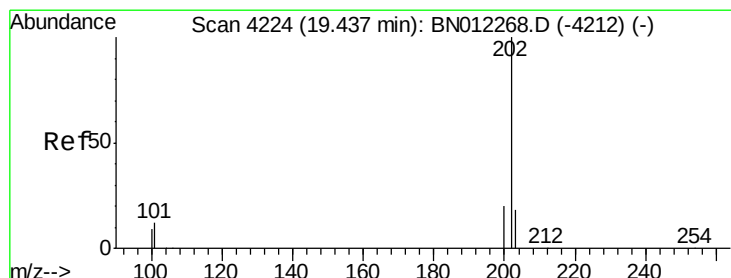
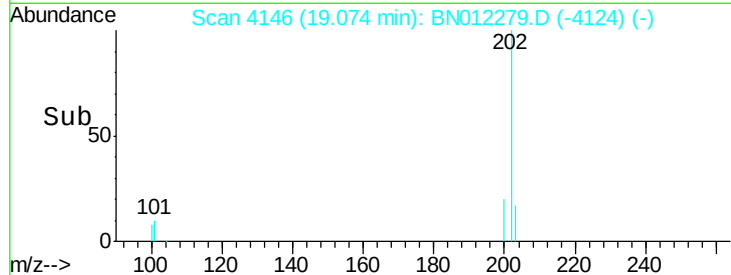
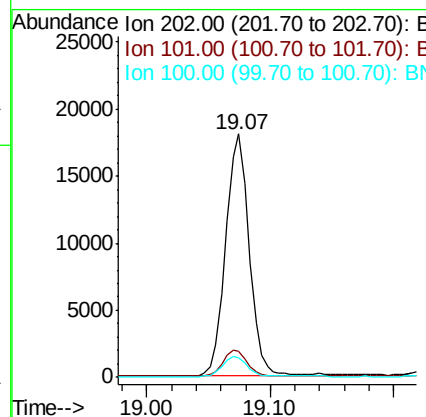
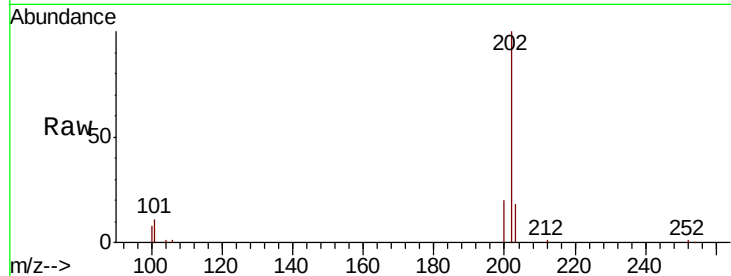
#15
Fluoranthene
Concen: 0.686 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Instrument :
BNA_N
ClientSampleId :
C0AL1DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.0
100	8.2	0.0	28.7

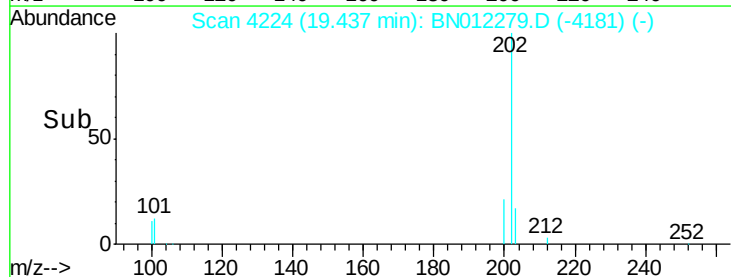
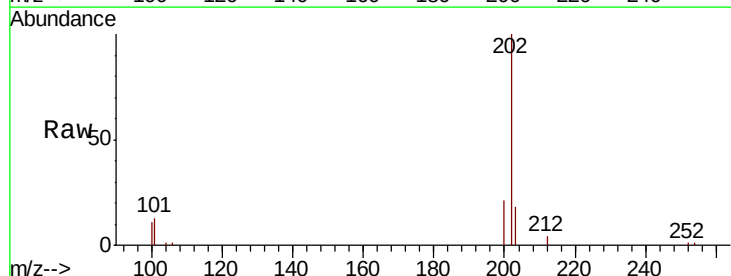
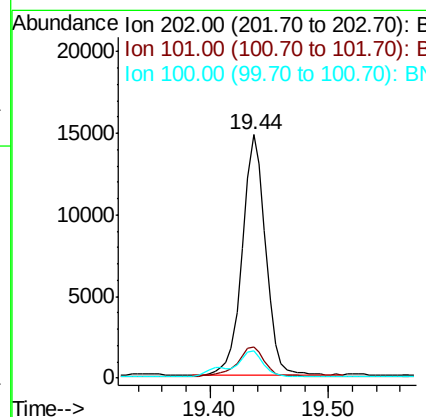
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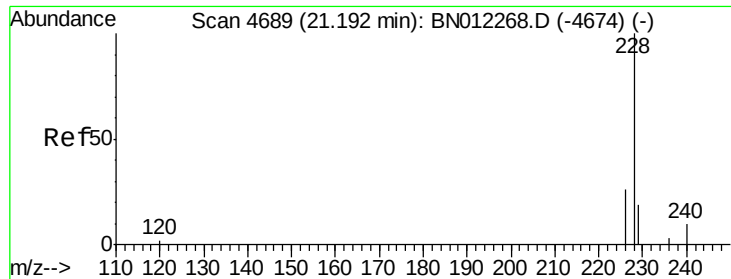
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#17
Pyrene
Concen: 0.588 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	9.9	14.9
100	11.0	8.0	12.0





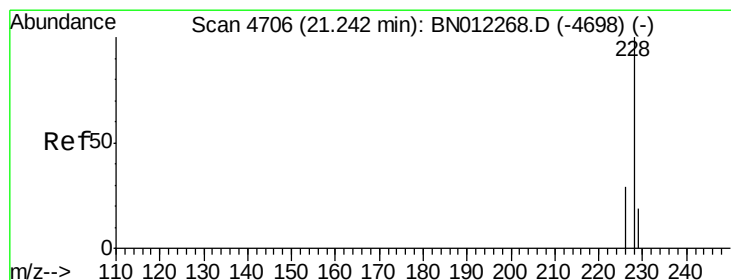
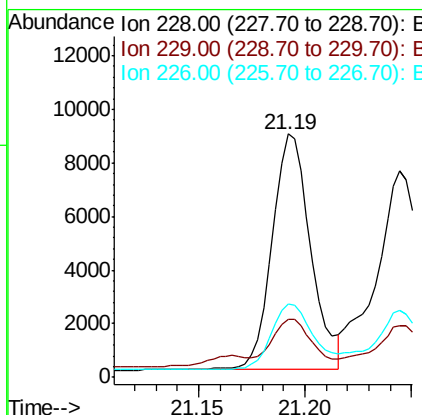
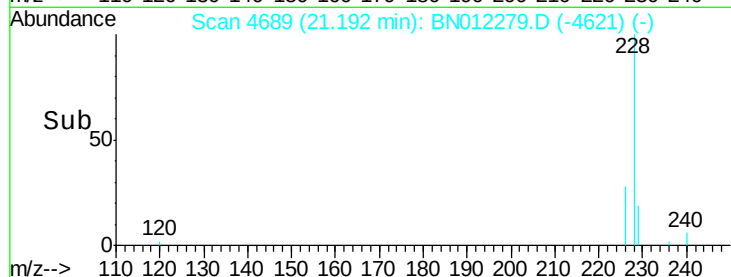
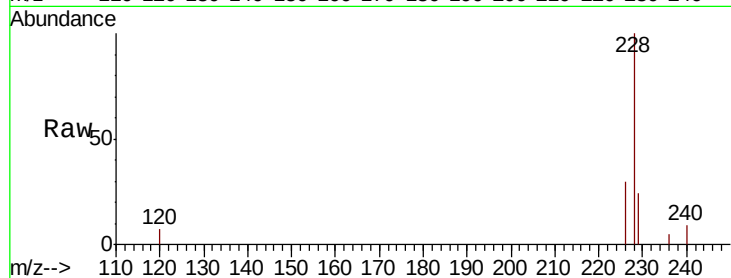
#18
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Instrument :
BNA_N
ClientSampleId :
C0AL1DL

Tot Ion:228	Resp:	11117
Ion Ratio	Lower	Upper
228	100	
229	23.7	15.8 23.8
226	29.9	22.6 33.8

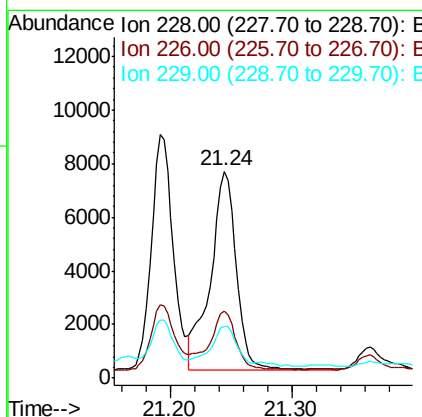
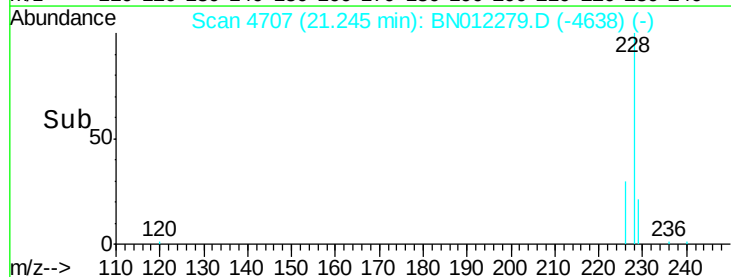
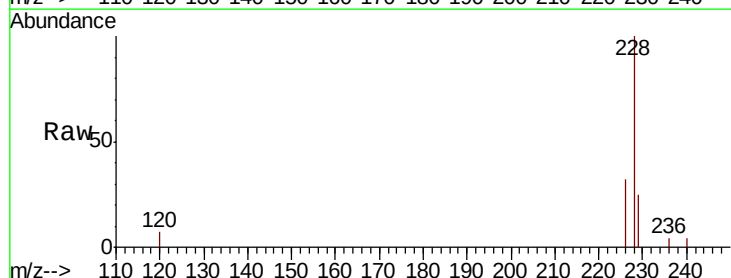
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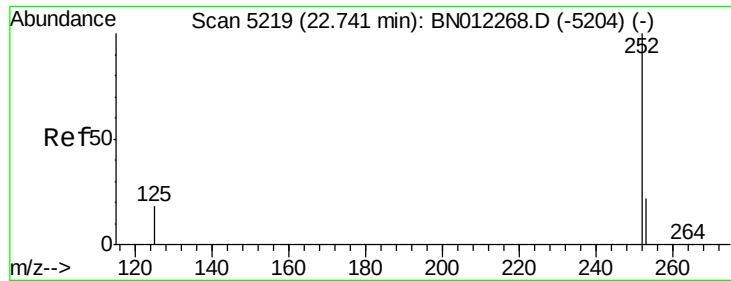
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#19
Chrysene
Concen: 0.322 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Tgt Ion:228	Resp:	11021
Ion Ratio	Lower	Upper
228	100	
226	32.3	24.6 37.0
229	25.0	17.0 25.6





#21

Benzo(b)fluoranthene

Concen: 0.479 ng/ul m

RT: 22.75 min Scan# 5221

Delta R.T. 0.01 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

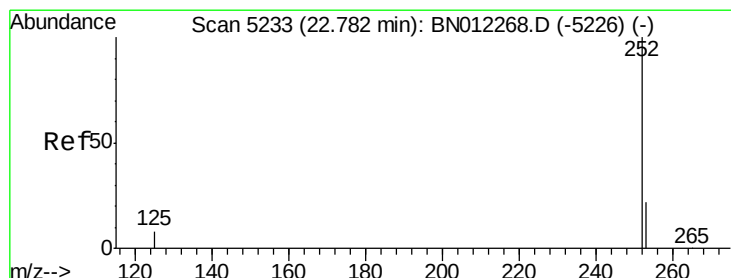
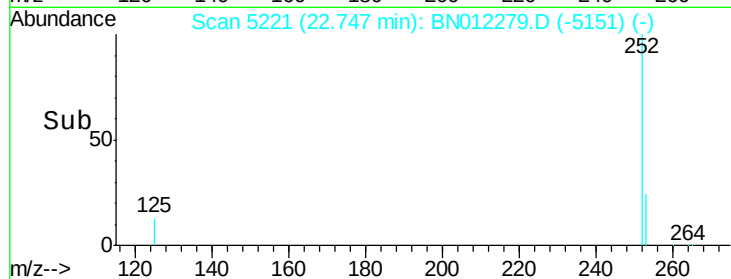
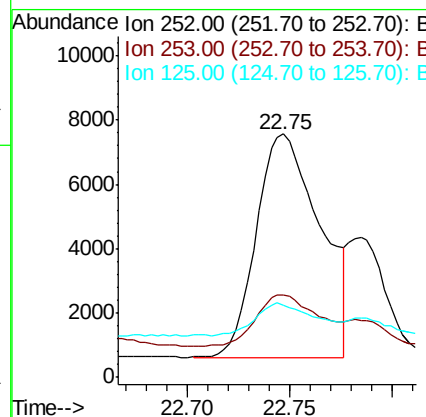
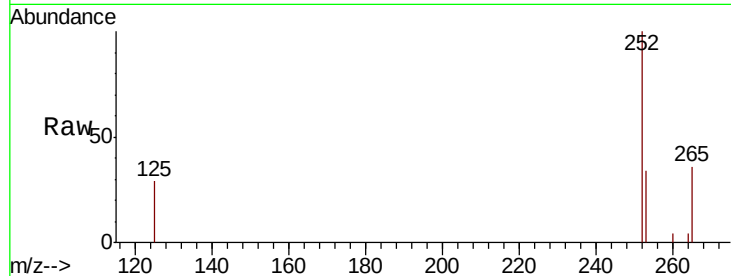
ClientSampleId :

COAL1DL

Tot Ion:	252	Resp:	15153
Ion Ratio	Lower	Upper	
252	100		
253	34.0	0.0	61.6
125	29.4	0.0	36.8

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#22

Benzo(k)fluoranthene

Concen: 0.141 ng/ul m

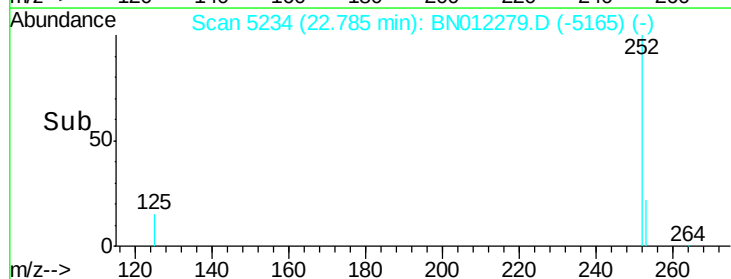
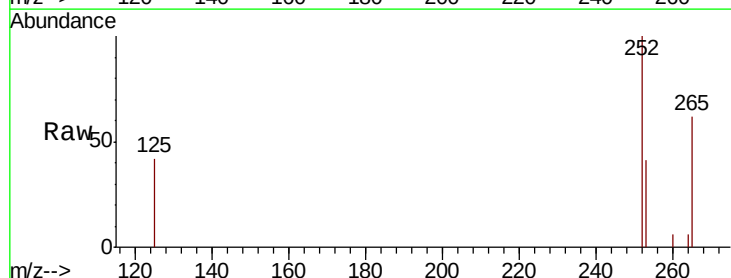
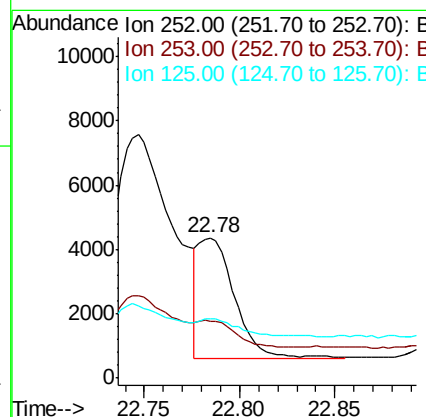
RT: 22.78 min Scan# 5234

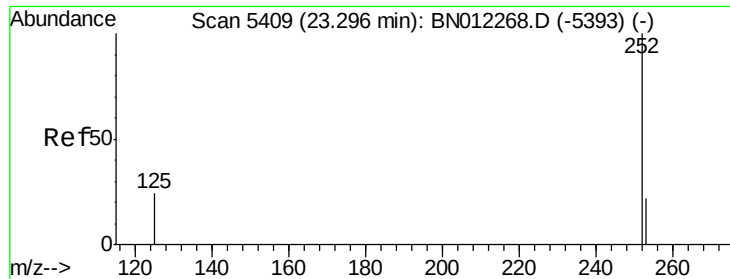
Delta R.T. 0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Tgt Ion:	252	Resp:	4952
Ion Ratio	Lower	Upper	
252	100		
253	40.9	24.4	36.6#
125	42.1	12.9	19.3#





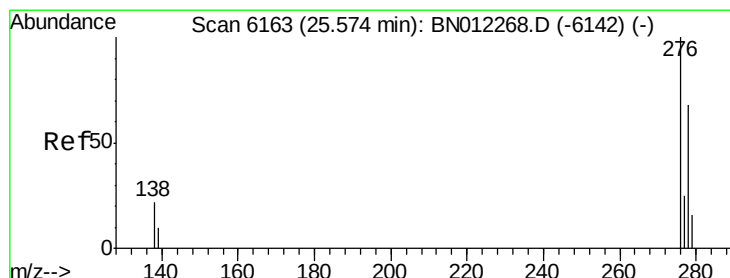
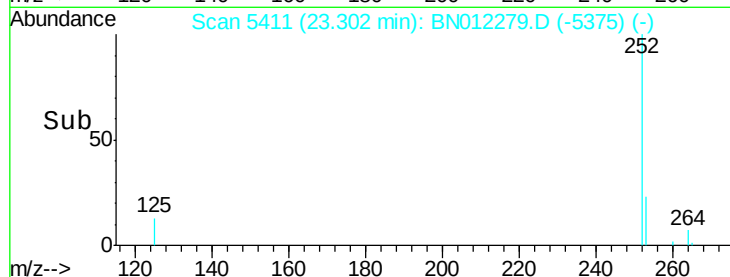
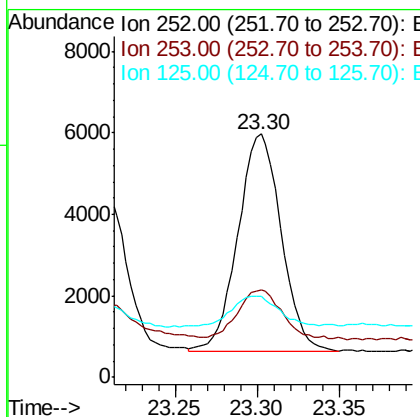
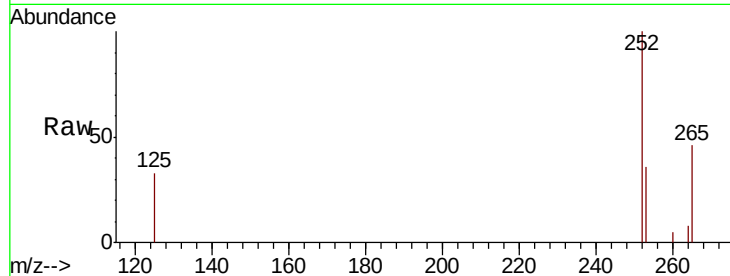
#23
Benzo(a)pyrene
Concen: 0.315 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. 0.01 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Instrument :
BNA_N
ClientSampleId :
COAL1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.8	27.0	40.4
125	33.2	18.8	28.2

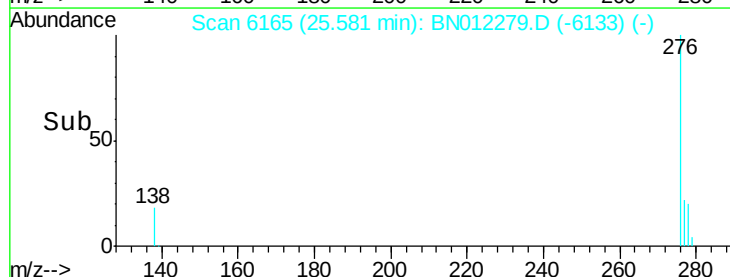
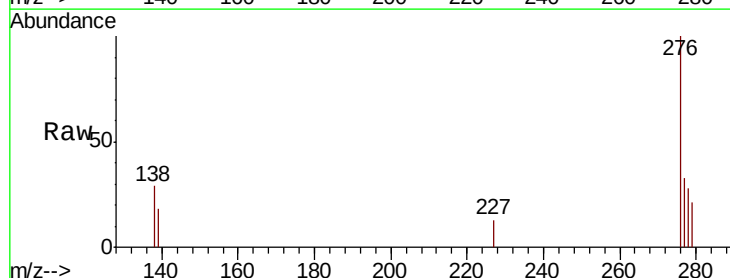
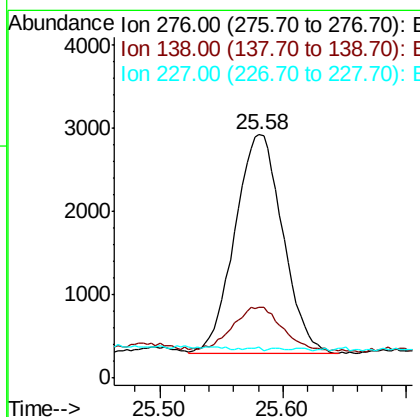
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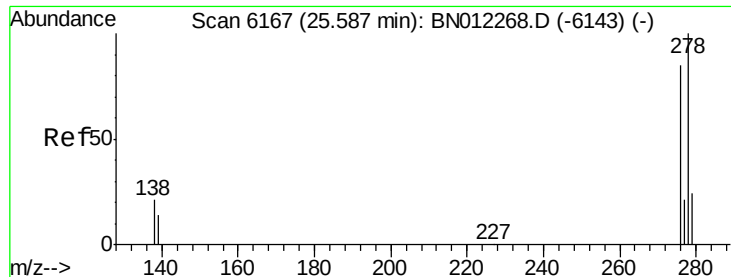
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. 0.01 min
Lab File: BN012279.D
Acq: 16 Oct 2020 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	0.0	0.0#
227	0.3	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.060 ng/ul

RT: 25.59 min Scan# 6167

Delta R.T. -0.00 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Instrument :

BNA_N

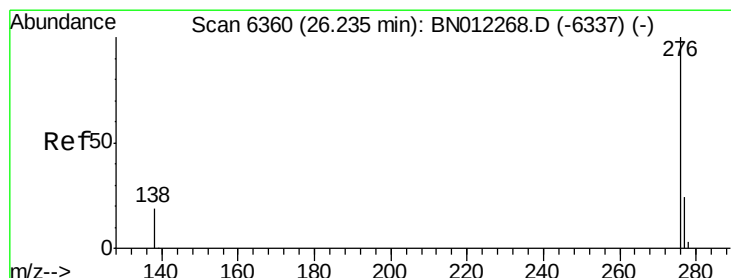
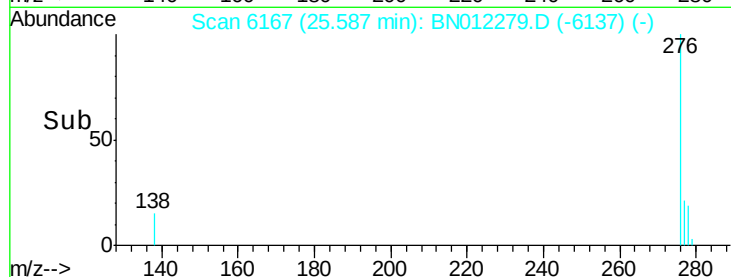
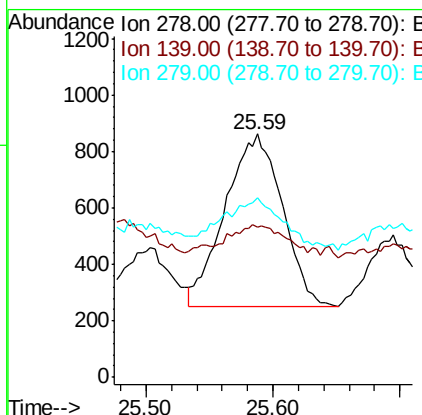
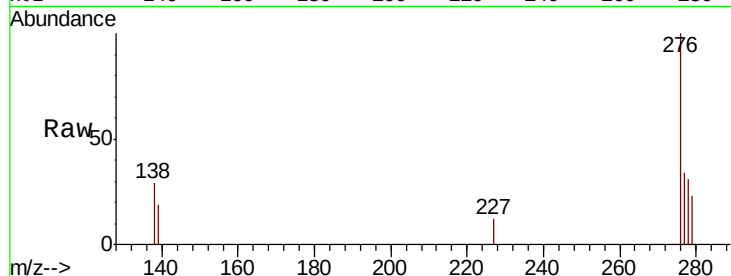
ClientSampleId :

COAL1DL

Tot Ion:	278	Resp:	1901
Ion Ratio	Lower	Upper	
278	100		
139	61.8	15.7	23.5#
279	73.5	26.0	39.0#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:22:04 PM



#26

Benzo(g,h,i)perylene

Concen: 0.175 ng/ul

RT: 26.25 min Scan# 6365

Delta R.T. 0.02 min

Lab File: BN012279.D

Acq: 16 Oct 2020 22:29

Tgt Ion:	276	Resp:	6344
Ion Ratio	Lower	Upper	
276	100		
138	30.9	17.1	25.7#
277	36.6	21.1	31.7#

