

Data File : BN012264.D
Acq On : 16 Oct 2020 13:25
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL8

Manual Integrations
APPROVED

mohammad
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Quant Time: Oct 16 13:55:43 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 10:51:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1359	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	5534	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	3436	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7587	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6740	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7617	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1744	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4797	0.23	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	19318	1.209	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	6896	0.680	ng/ul	99
7) Acenaphthylene	13.97	152	15027	1.008	ng/ul	99
8) Acenaphthene	14.32	153	22718	1.803	ng/ul	100
9) Fluorene	15.31	166	26619	1.898	ng/ul	100
11) Pentachlorophenol	16.66	266	434	0.198	ng/ul	97
12) Phenanthrene	17.05	178	565051	23.364	ng/ul	97
13) Anthracene	17.13	178	118256	5.700	ng/ul	97
15) Fluoranthene	19.07	202	994781	35.176	ng/ul	100
17) Pyrene	19.44	202	765284	25.184	ng/ul	99
18) Benzo(a)anthracene	21.19	228	463485	18.565	ng/ul	98
19) Chrysene	21.24	228	432294	14.213	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	565665m	18.386	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	213550m	6.271	ng/ul	
23) Benzo(a)pyrene	23.30	252	368612	12.316	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.58	276	264944	6.890	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	73244	2.381	ng/ul	96
26) Benzo(g,h,i)perylene	26.25	276	214330	6.082	ng/ul	97

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

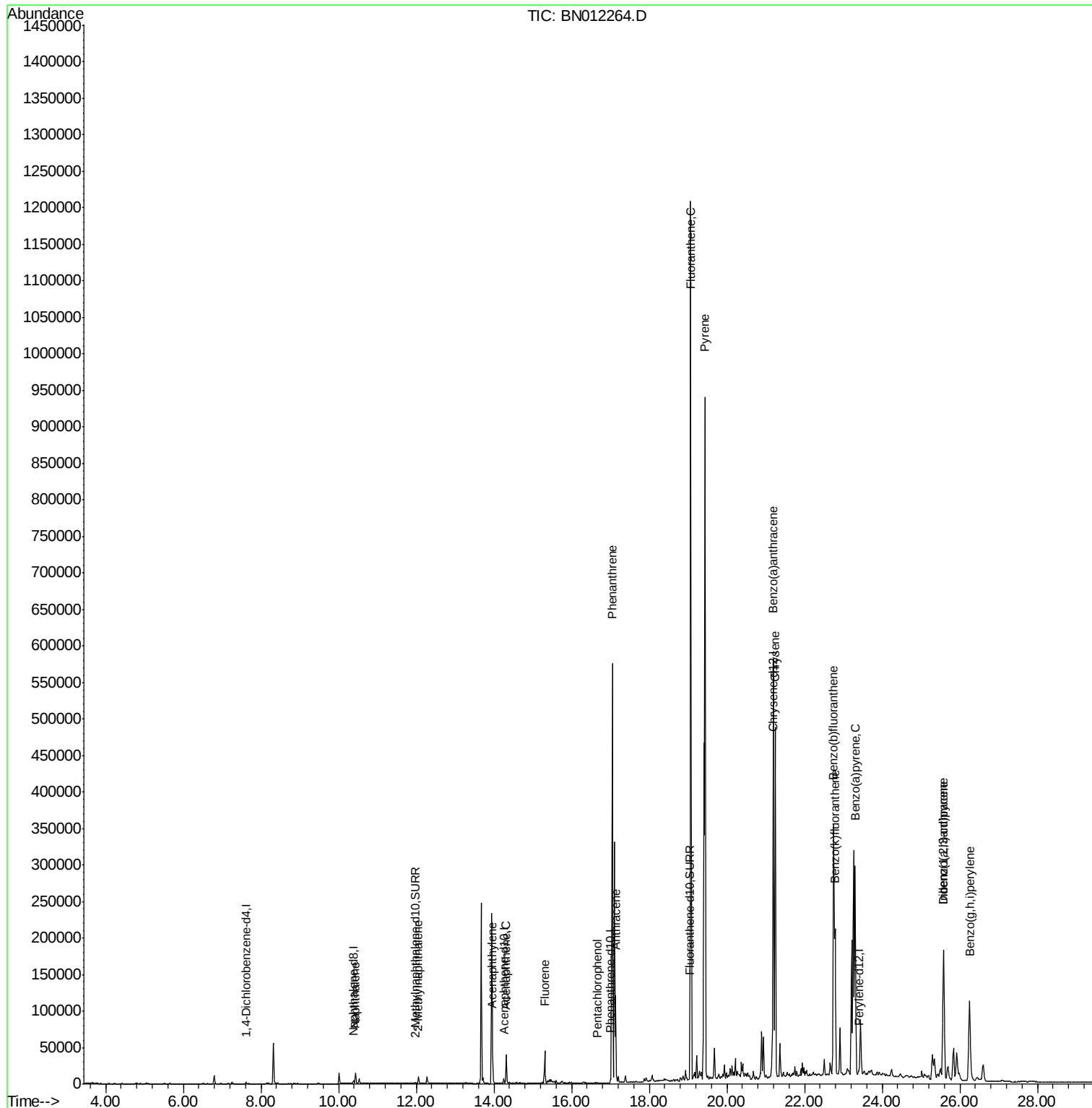
Data File : BN012264.D
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Misc :
ALS Vial : 76 Sample Multiplier: 1

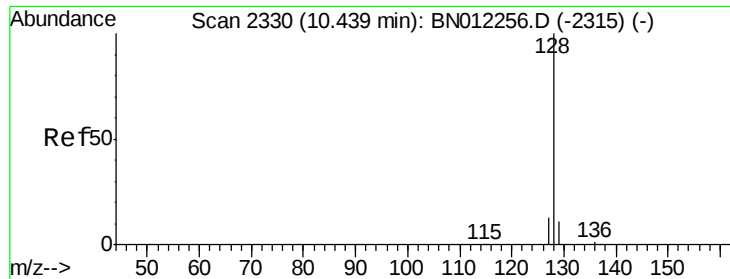
Instrument :
BNA_N
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Quant Time: Oct 16 13:55:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 10:51:19 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.209 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Instrument :

BNA_N

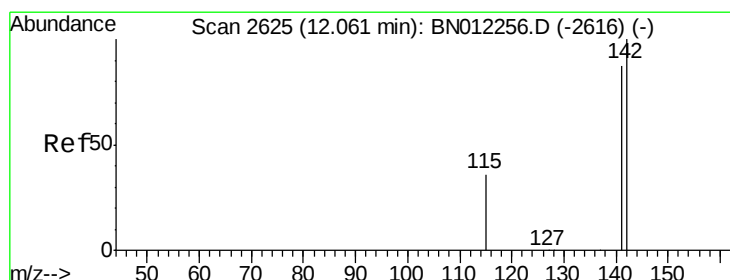
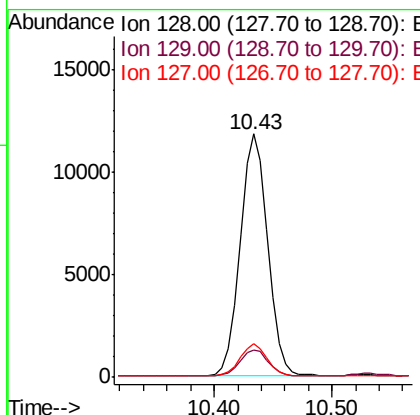
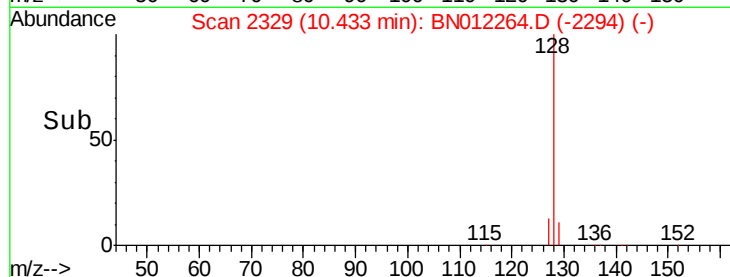
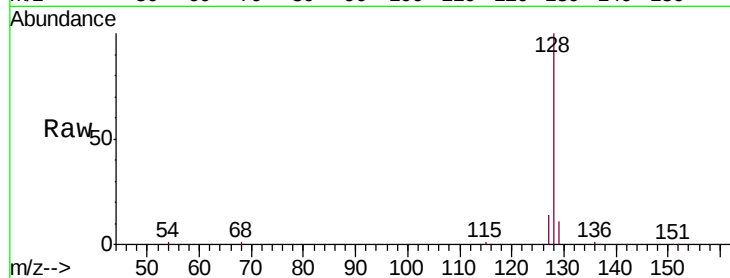
ClientSampleId :

COAL8

Tgt Ion:	128	Resp:	19318
Ion Ratio		Lower	Upper
128	100		
129	11.3	10.3	15.5
127	13.6	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.680 ng/ul

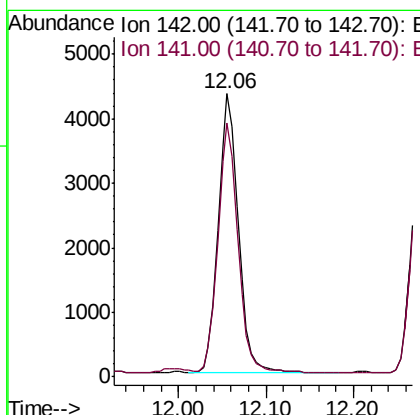
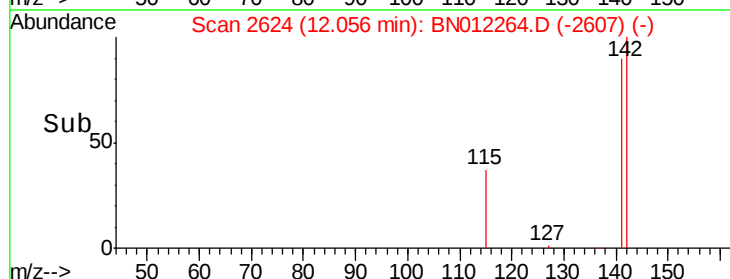
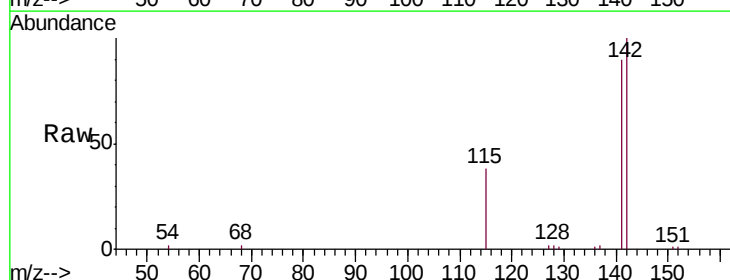
RT: 12.06 min Scan# 2624

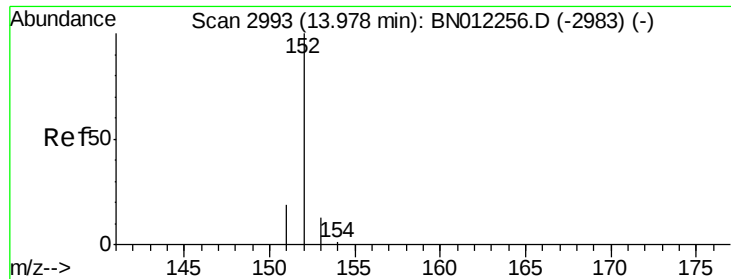
Delta R.T. -0.01 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Tgt Ion:	142	Resp:	6896
Ion Ratio		Lower	Upper
142	100		
141	90.1	71.7	107.5





#7

Acenaphthylene

Concen: 1.008 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. -0.01 min

Lab File: BN012264.D

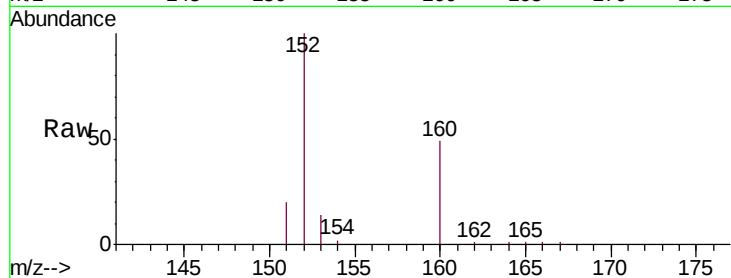
Acq: 16 Oct 2020 13:25

Instrument :

BNA_N

ClientSampleId :

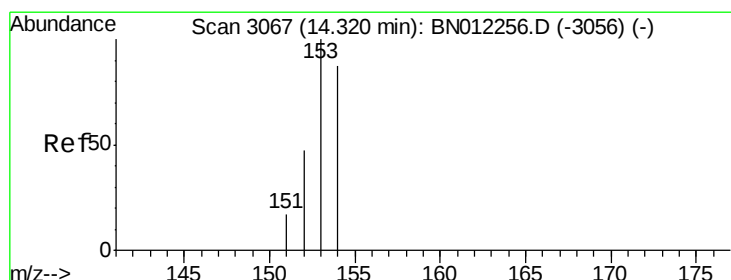
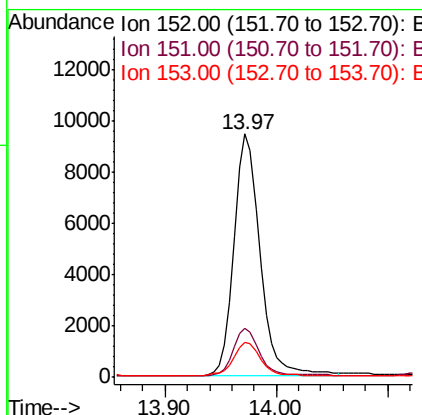
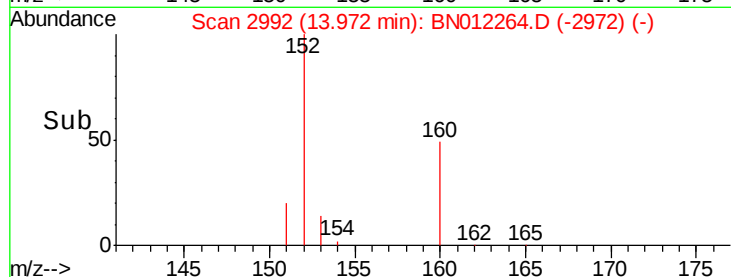
COAL8



Tgt Ion:	152	Resp:	15027
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.7	25.1
153	14.1	11.8	17.8

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#8

Acenaphthene

Concen: 1.803 ng/ul

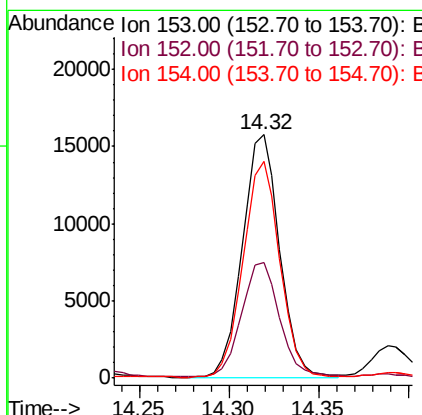
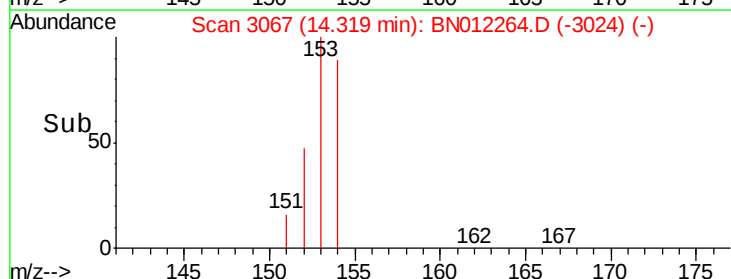
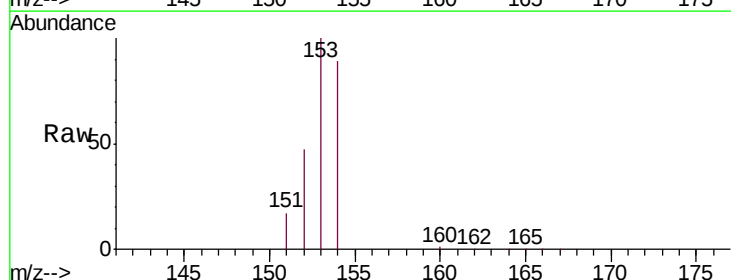
RT: 14.32 min Scan# 3067

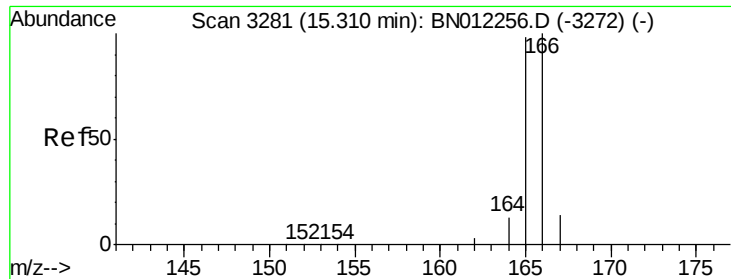
Delta R.T. -0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Tgt Ion:	153	Resp:	22718
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.2	57.2
154	89.2	71.1	106.7





#9

Fluorene

Concen: 1.898 ng/ul

RT: 15.31 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Instrument :

BNA_N

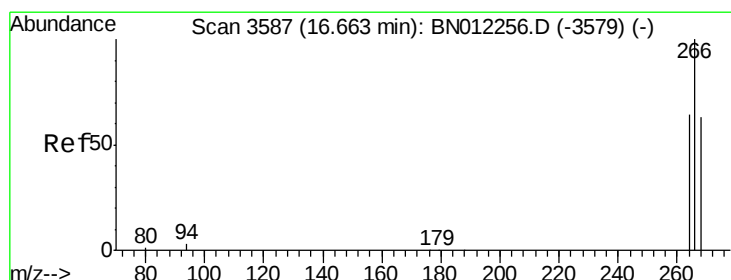
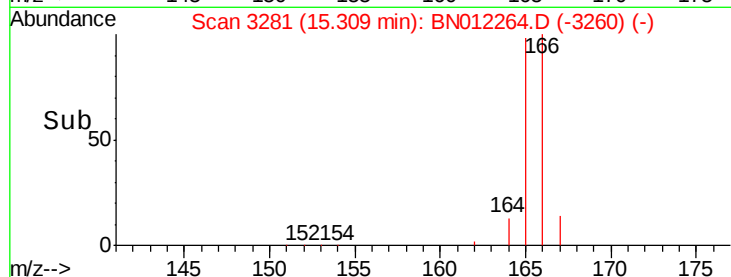
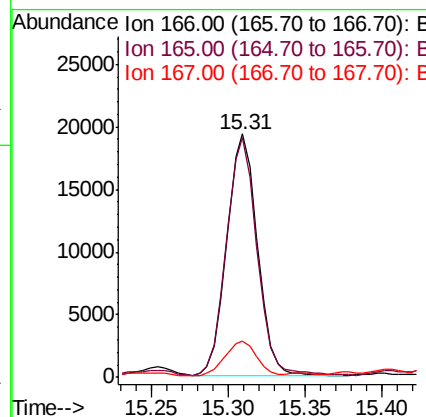
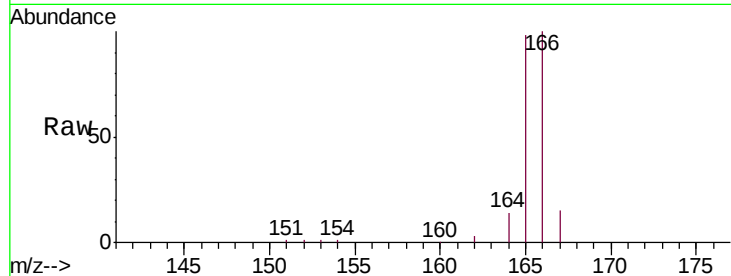
ClientSampled :

COAL8

Tgt Ion:	166	Resp:	26619
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.6	118.0
167	15.0	11.9	17.9

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#11

Pentachlorophenol

Concen: 0.198 ng/ul

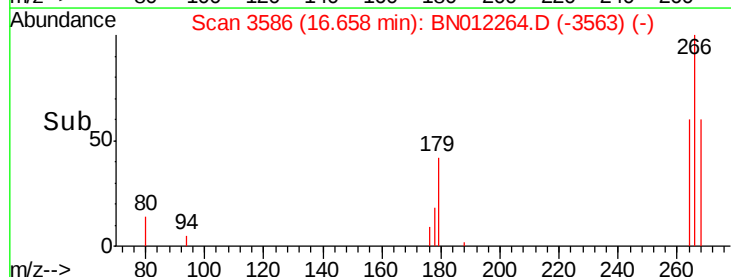
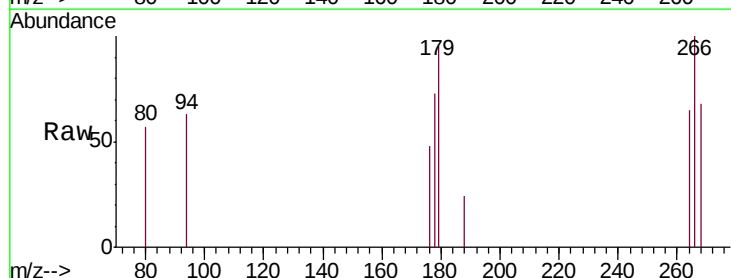
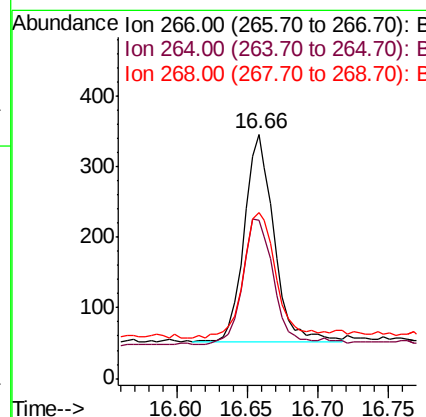
RT: 16.66 min Scan# 3586

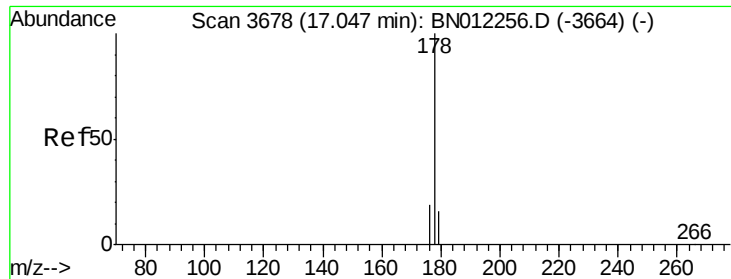
Delta R.T. -0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Tgt Ion:	266	Resp:	434
Ion Ratio	Lower	Upper	
266	100		
264	62.0	50.3	75.5
268	69.8	52.4	78.6





#12

Phenanthrene

Concen: 23.364 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Instrument :

BNA_N

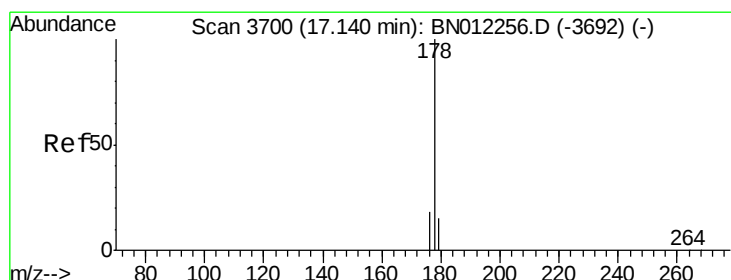
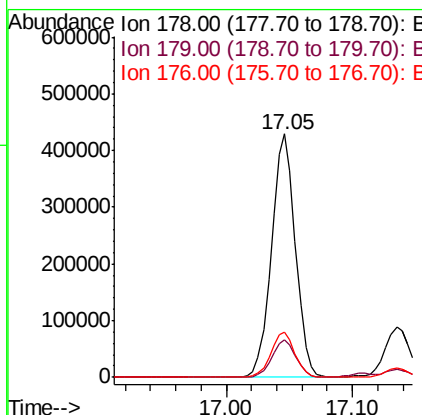
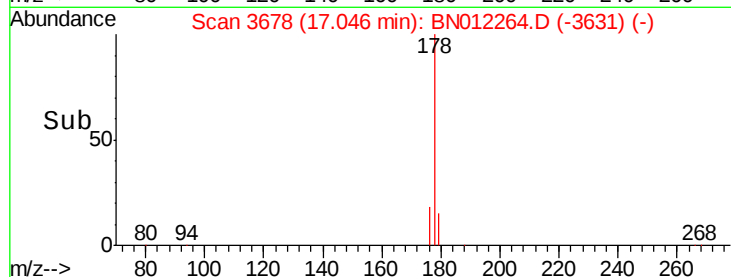
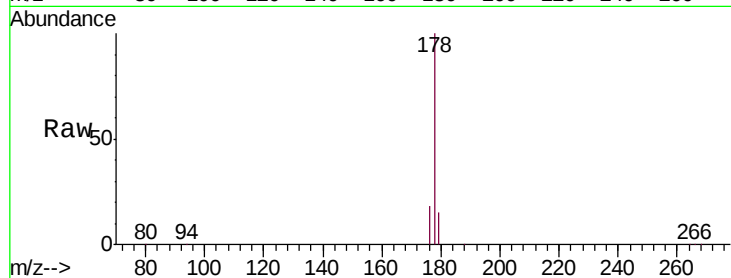
ClientSampled :

COAL8

Tgt Ion:	178	Resp:	565051
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.4	20.2
176	18.4	15.7	23.5

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#13

Anthracene

Concen: 5.700 ng/ul

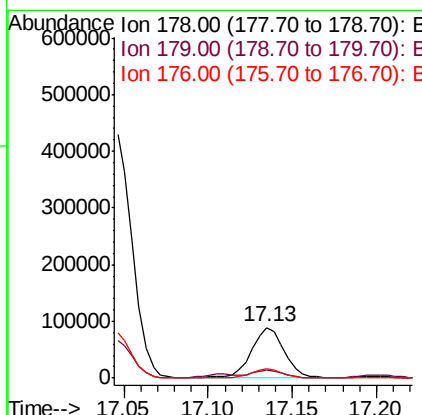
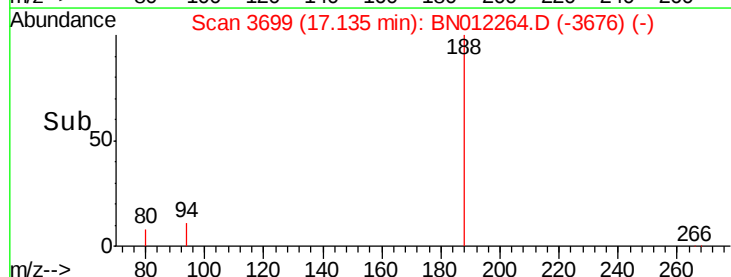
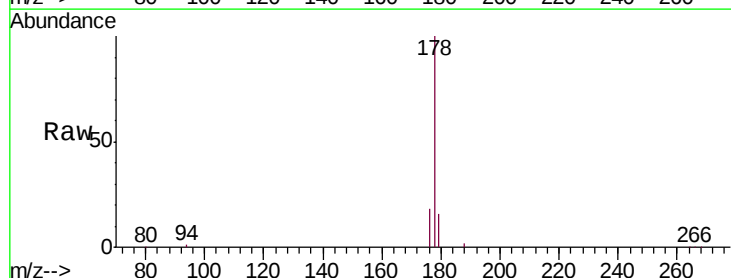
RT: 17.13 min Scan# 3699

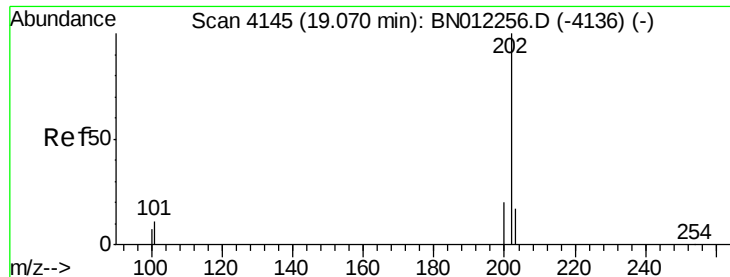
Delta R.T. -0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Tgt Ion:	178	Resp:	118256
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.9	20.9
176	18.2	15.4	23.0





#15

Fluoranthene

Concen: 35.176 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Instrument :

BNA_N

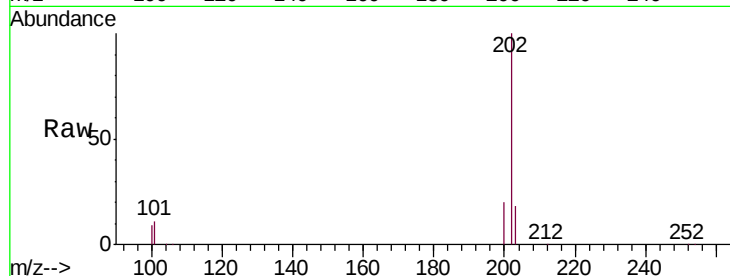
ClientSampleId :

COAL8

Tgt	Ion	202	Resp	994781
Ion	Ratio	Lower	Upper	
202	100			
101	11.1	0.0	31.0	
100	8.5	0.0	28.7	

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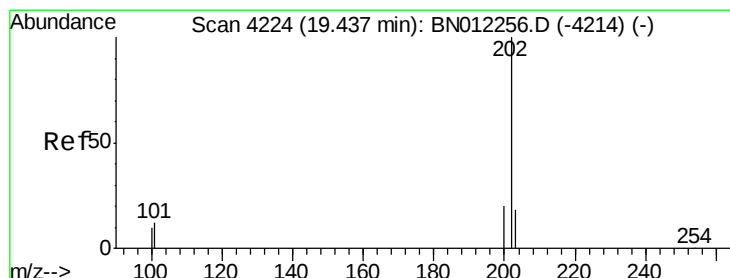
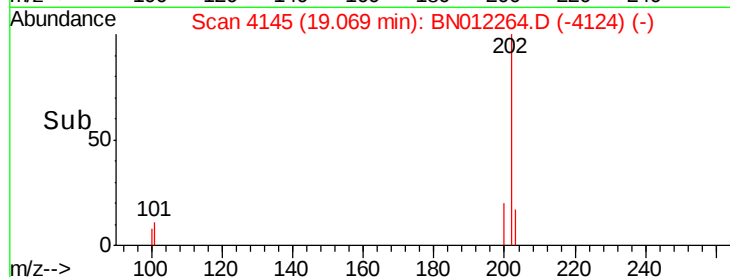
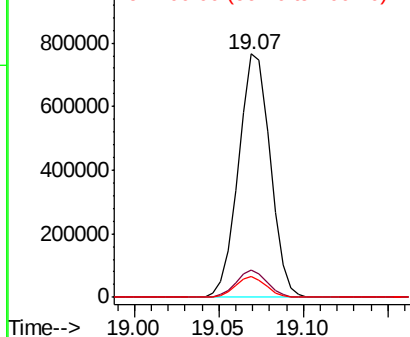


Abundance

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



#17

Pyrene

Concen: 25.184 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

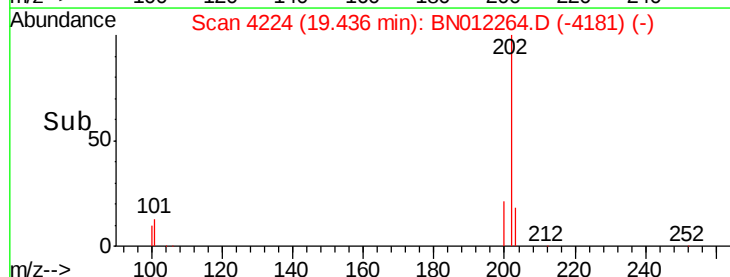
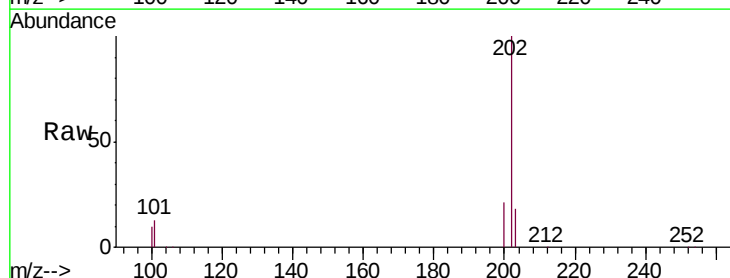
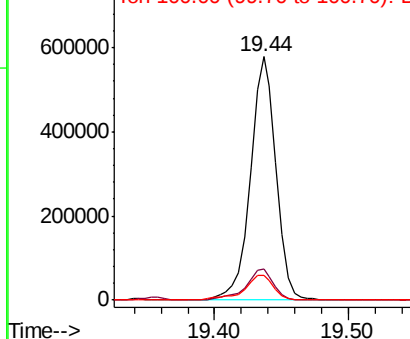
Tgt	Ion	202	Resp	765284
Ion	Ratio	Lower	Upper	
202	100			
101	12.6	9.9	14.9	
100	10.3	8.0	12.0	

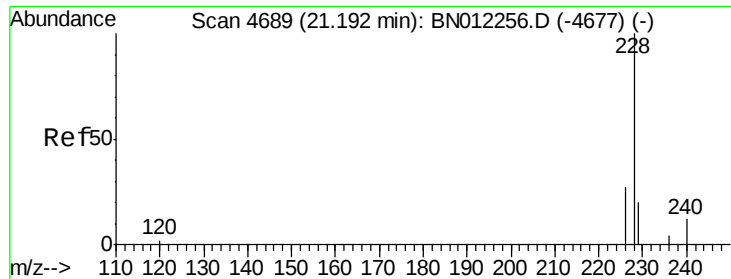
Abundance

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: 18.565 ng/ul

RT: 21.19 min Scan# 4690

Delta R.T. 0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Instrument :

BNA_N

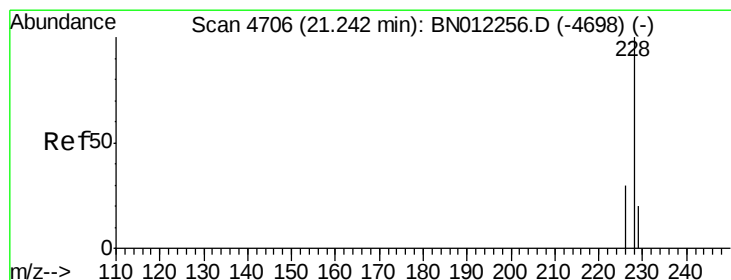
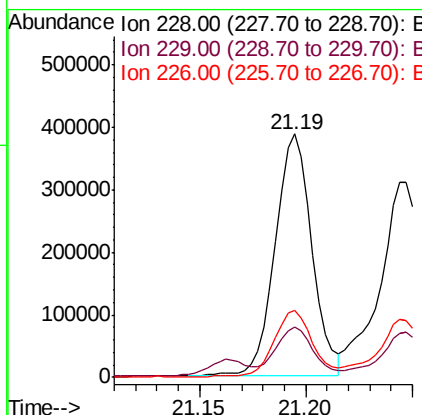
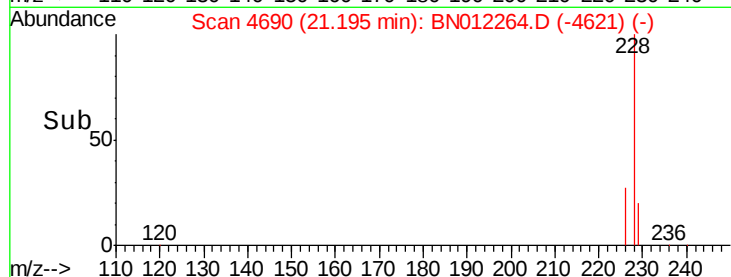
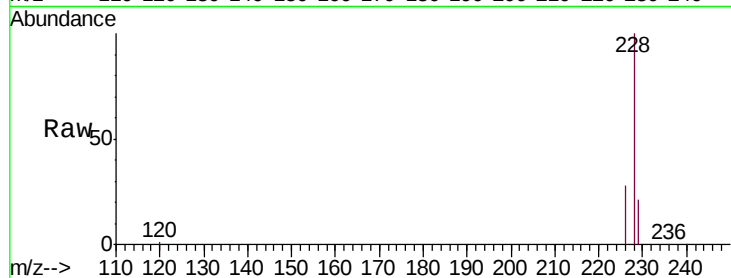
ClientSampleId :

COAL8

Tgt	Ion:228	Resp:	463485
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.5	22.6	33.8

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#19

Chrysene

Concen: 14.213 ng/ul

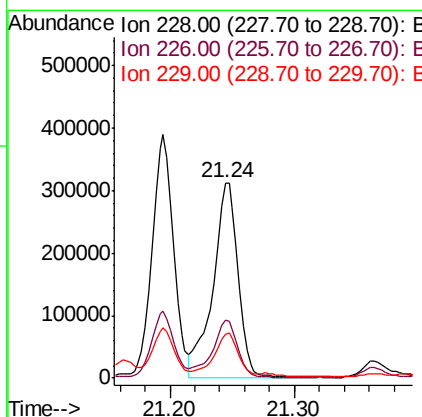
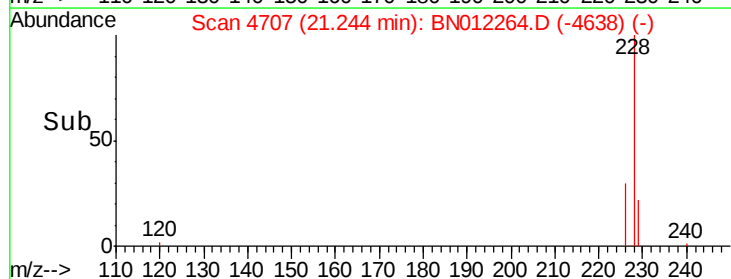
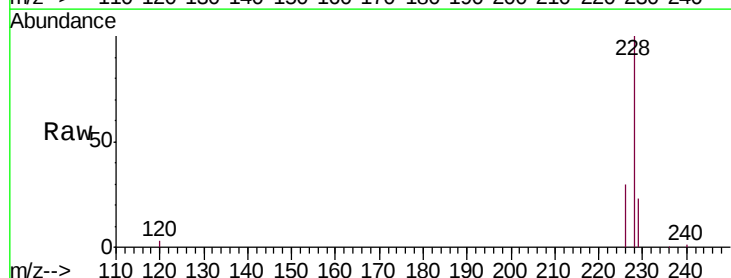
RT: 21.24 min Scan# 4707

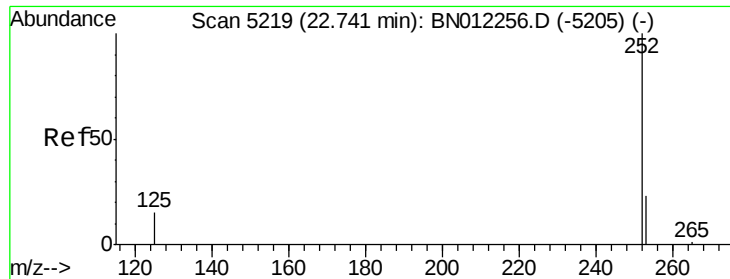
Delta R.T. 0.00 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Tgt	Ion:228	Resp:	432294
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	22.7	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 18.386 ng/ul m

RT: 22.75 min Scan# 5221

Delta R.T. 0.01 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Instrument :

BNA_N

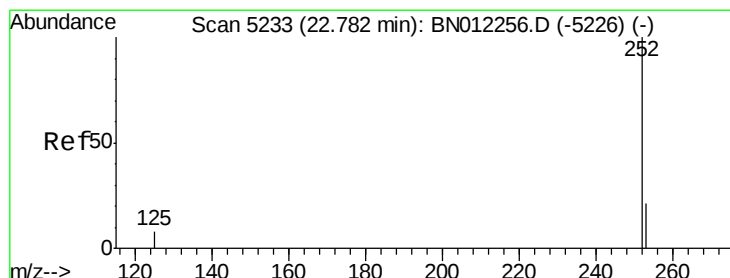
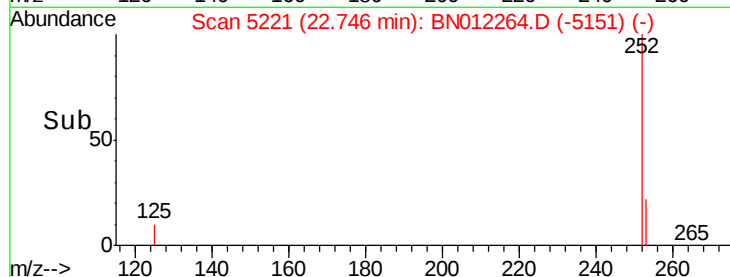
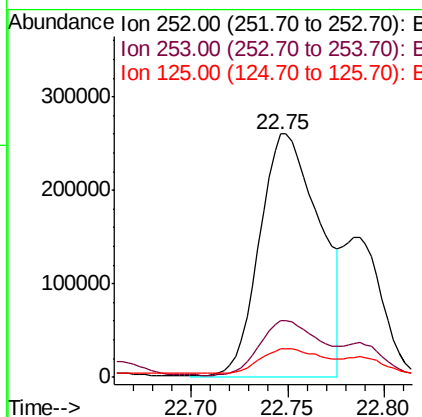
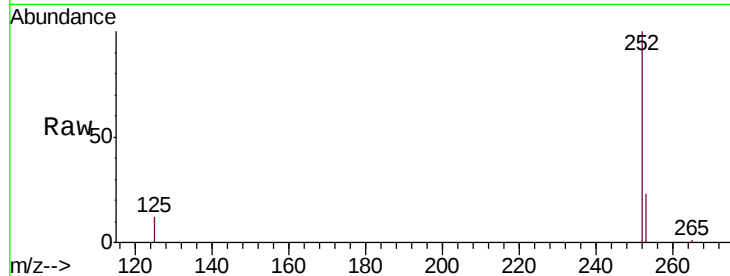
ClientSampleId :

COAL8

Tgt Ion:	252	Resp:	565665
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	61.6
125	11.5	0.0	36.8

Manual Integrations
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#22

Benzo(k)fluoranthene

Concen: 6.271 ng/ul m

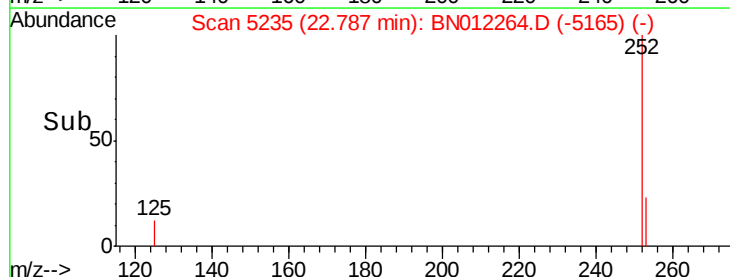
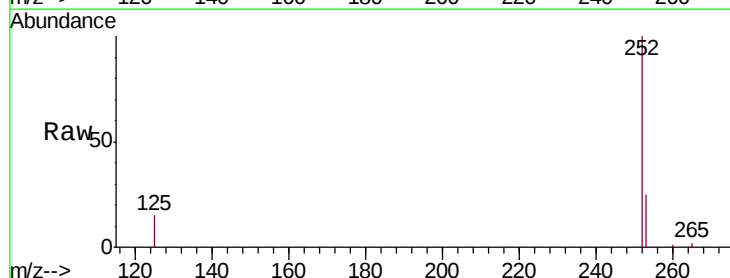
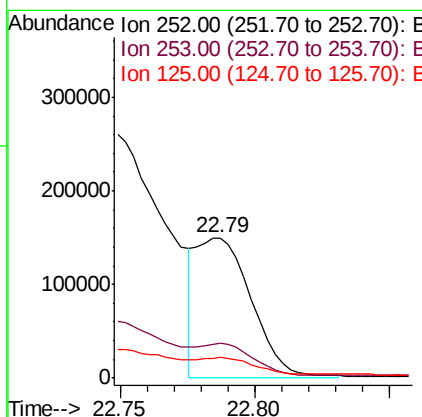
RT: 22.79 min Scan# 5235

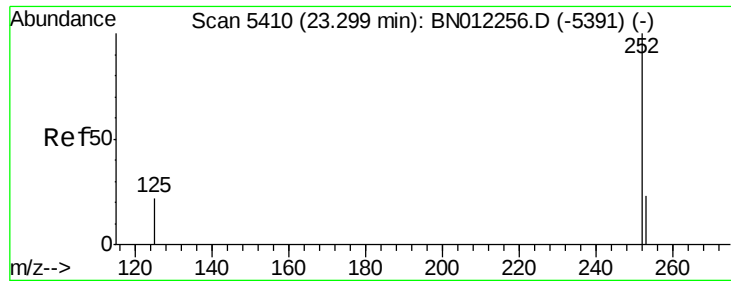
Delta R.T. 0.01 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

Tgt Ion:	252	Resp:	213550
Ion Ratio	Lower	Upper	
252	100		
253	24.6	24.4	36.6
125	14.6	12.9	19.3





#23

Benzo(a)pyrene

Concen: 12.316 ng/u1

RT: 23.30 min Scan# 5412

Delta R.T. 0.01 min

Lab File: BN012264.D

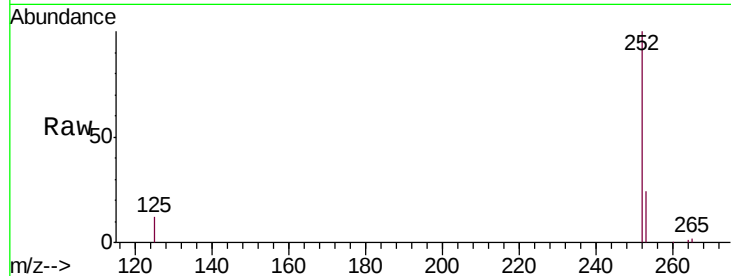
Acq: 16 Oct 2020 13:25

Instrument :

BNA_N

ClientSampleId :

COAL8



Tgt Ion: 252 Resp: 368612

Ion Ratio Lower Upper

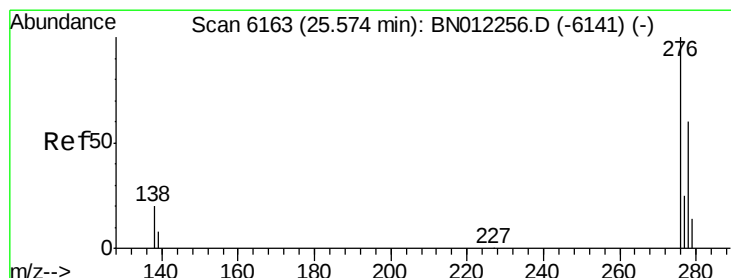
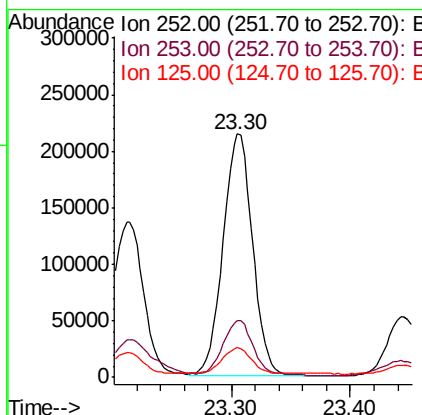
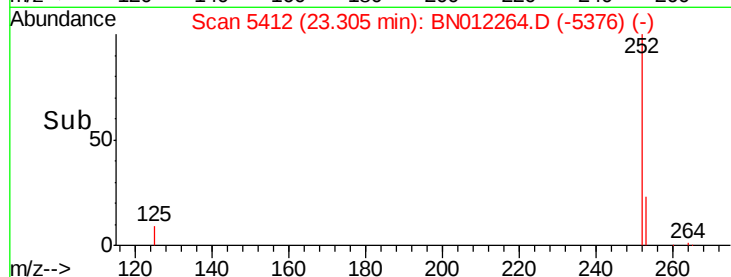
252 100

253 23.5 27.0 40.4#

125 12.0 18.8 28.2#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:07 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.890 ng/u1

RT: 25.58 min Scan# 6165

Delta R.T. 0.01 min

Lab File: BN012264.D

Acq: 16 Oct 2020 13:25

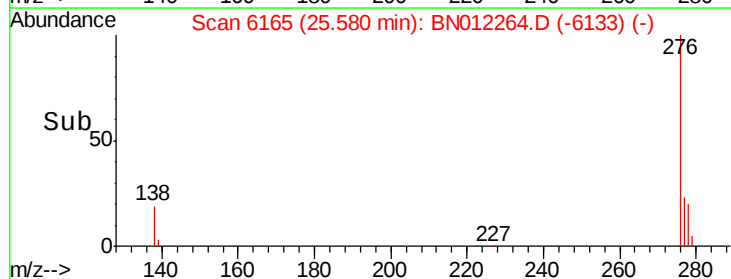
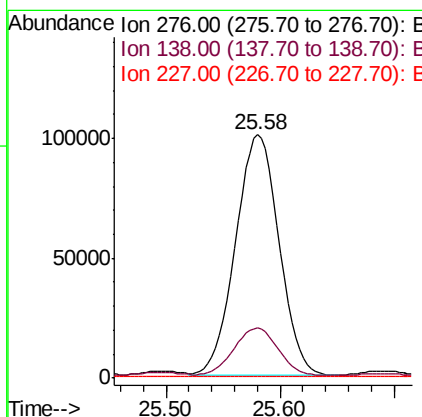
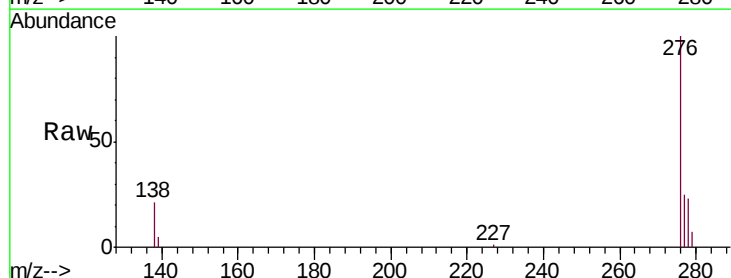
Tgt Ion: 276 Resp: 264944

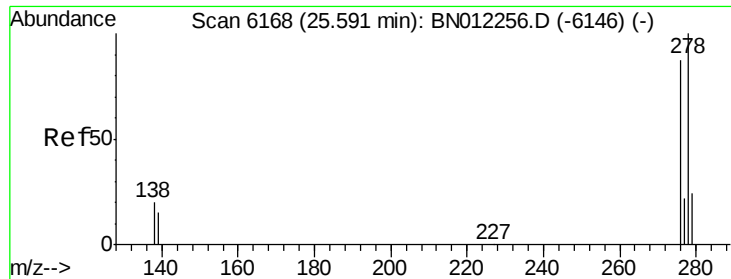
Ion Ratio Lower Upper

276 100

138 20.2 0.0 0.0#

227 0.3 0.0 0.0#





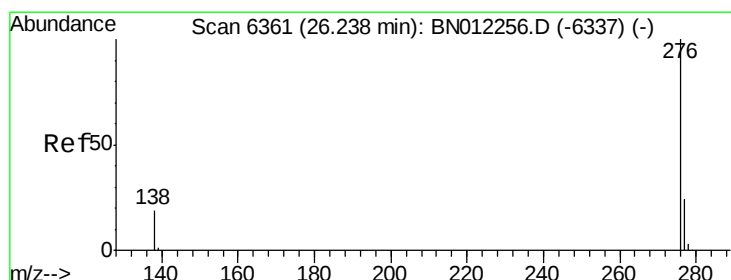
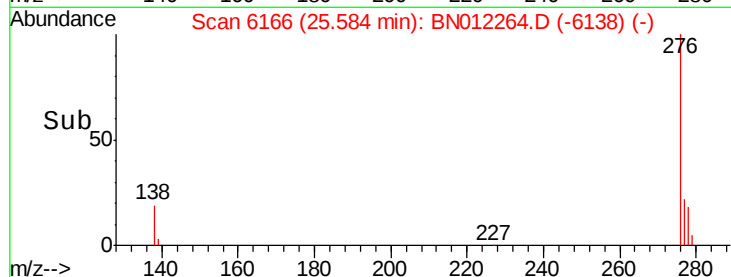
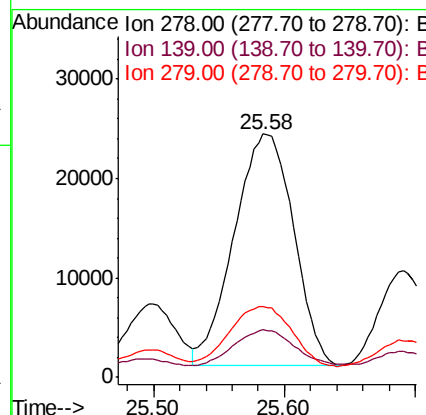
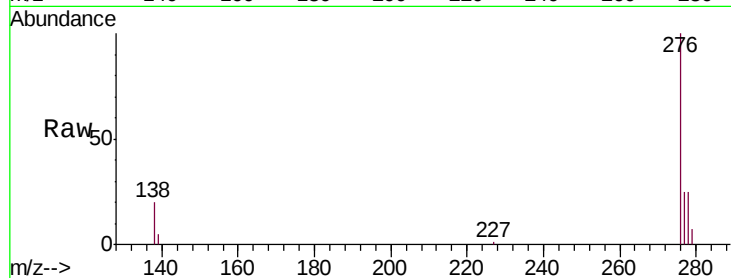
#25
Dibenzo(a,h)anthracene
Concen: 2.381 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.01 min
Lab File: BN012264.D
Acq: 16 Oct 2020 13:25

Instrument :
BNA_N
ClientSampleId :
COAL8

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.7	23.5
279	29.1	26.0	39.0

Manual Integrations
APPROVED

mohammad
10/19/2020 1:21:07 PM



#26
Benzo(g,h,i)perylene
Concen: 6.082 ng/ul
RT: 26.25 min Scan# 6365
Delta R.T. 0.01 min
Lab File: BN012264.D
Acq: 16 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.1	25.7
277	24.2	21.1	31.7

