

Data File : BN012215.D
Acq On : 15 Oct 2020 04:10
Operator : CG/JU
Sample : L4184-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL6

Manual Integrations
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Quant Time: Oct 15 04:59:23 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 : Thu Oct 15 04:47:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1147	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4779	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2869	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6163	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	6293	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6778	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1314	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3211	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	3625	0.263	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	1162	0.133	ng/ul	97
7) Acenaphthylene	13.98	152	6309	0.507	ng/ul	99
8) Acenaphthene	14.32	153	3739	0.355	ng/ul	97
9) Fluorene	15.31	166	5552	0.474	ng/ul	99
11) Pentachlorophenol	16.66	266	90	0.051	ng/ul	89
12) Phenanthrene	17.05	178	102809	5.233	ng/ul	98
13) Anthracene	17.14	178	31024	1.841	ng/ul	97
15) Fluoranthene	19.07	202	240358	10.463	ng/ul	98
17) Pyrene	19.44	202	199565	7.034	ng/ul	98
18) Benzo(a)anthracene	21.19	228	135205	5.800	ng/ul	99
19) Chrysene	21.24	228	146738	5.167	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	421373m	15.391	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	120510m	3.977	ng/ul	
23) Benzo(a)pyrene	23.30	252	233767	8.777	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.57	276	408594	11.942	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	81760	2.987	ng/ul	93
26) Benzo(g,h,i)perylene	26.24	276	361916	11.541	ng/ul	97

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

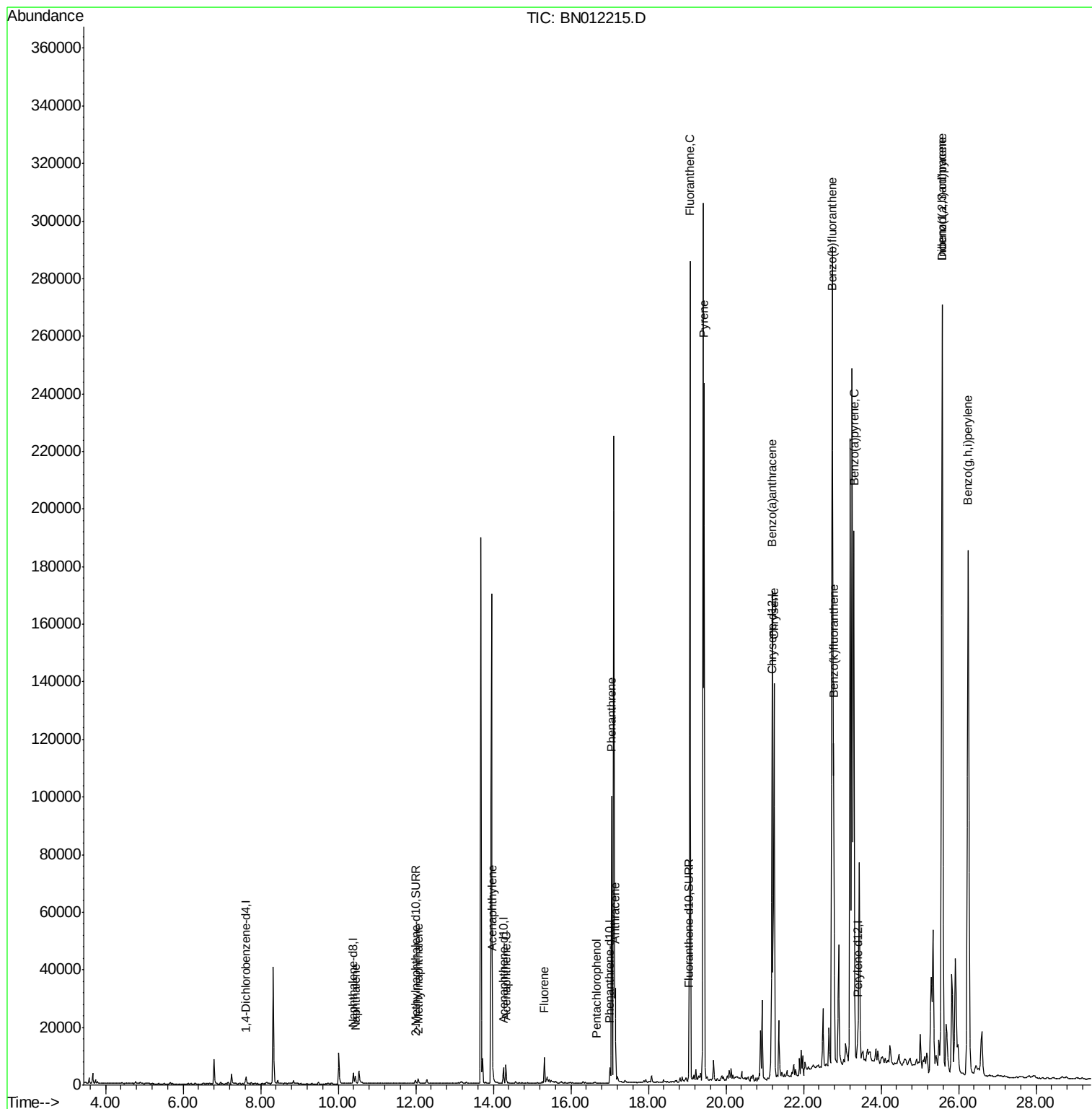
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ALS Vial : 27 Sample Multiplier: 1

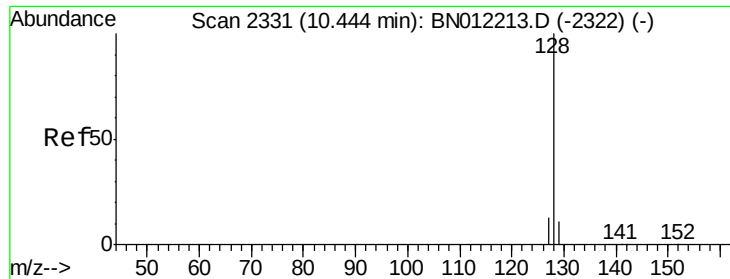
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#3

Naphthalene

Concen: 0.263 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Instrument :

BNA_N

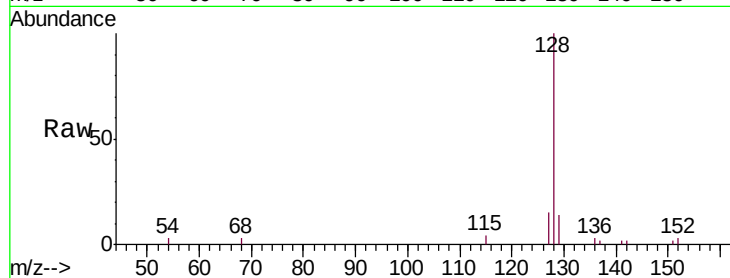
ClientSampleId :

COAL6

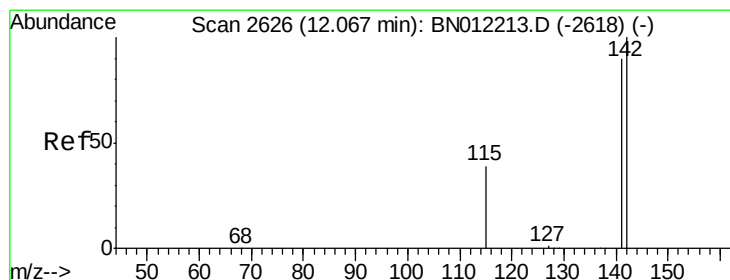
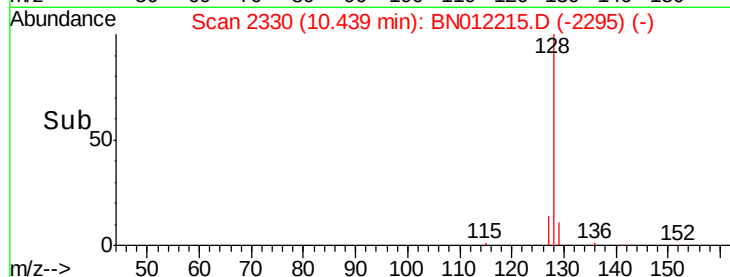
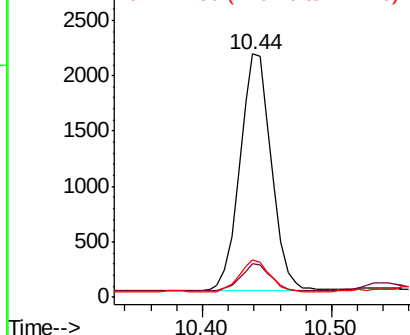
Tgt Ion:	128	Resp:	3625
Ion Ratio	Lower	Upper	
128	100		
129	13.7	10.3	15.5
127	15.5	11.9	17.9

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.133 ng/ul

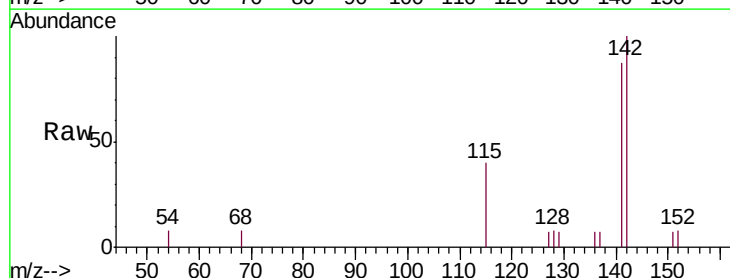
RT: 12.07 min Scan# 2626

Delta R.T. 0.00 min

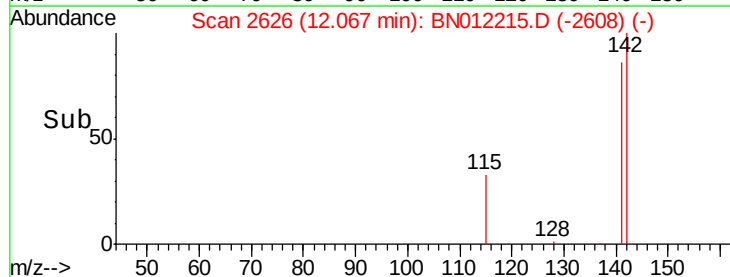
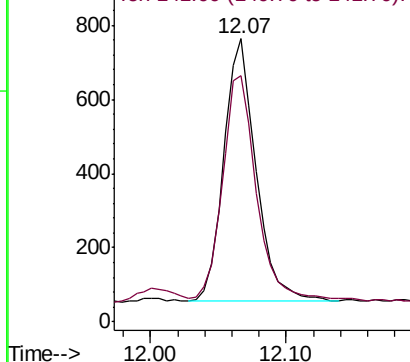
Lab File: BN012215.D

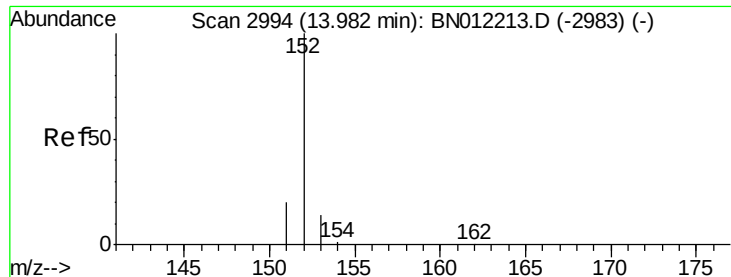
Acq: 15 Oct 2020 04:10

Tgt Ion:	142	Resp:	1162
Ion Ratio	Lower	Upper	
142	100		
141	92.9	71.7	107.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.507 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Instrument :

BNA_N

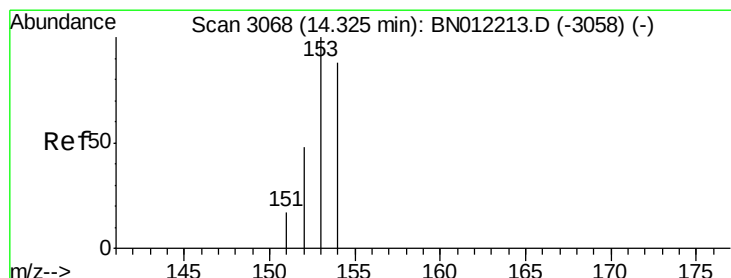
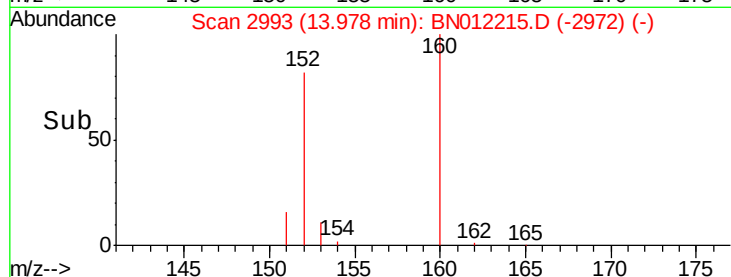
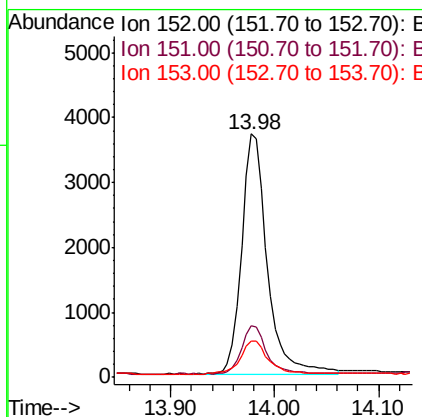
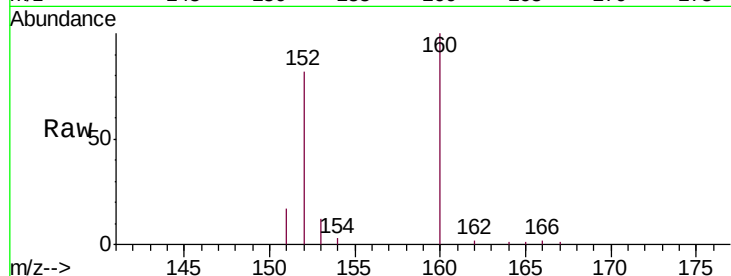
ClientSampleId :

COAL6

Tgt Ion:	152	Resp:	6309
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.7	25.1
153	15.0	11.8	17.8

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#8

Acenaphthene

Concen: 0.355 ng/ul

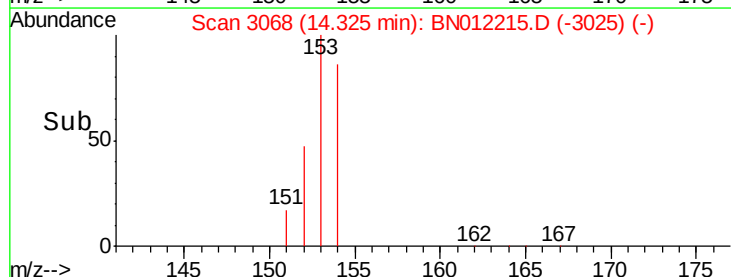
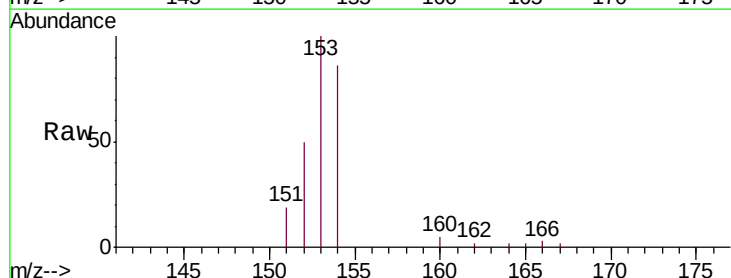
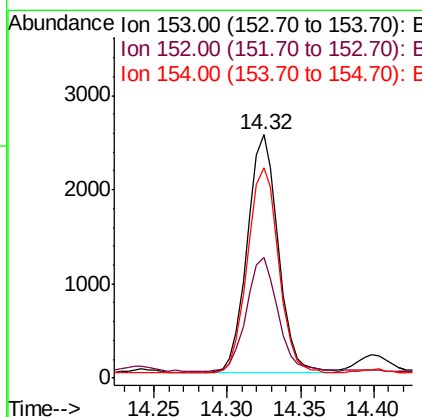
RT: 14.32 min Scan# 3068

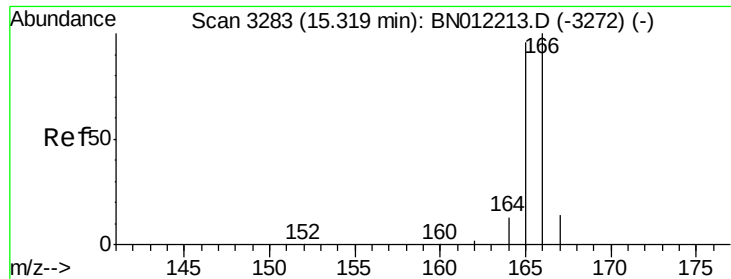
Delta R.T. -0.00 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Tgt Ion:	153	Resp:	3739
Ion Ratio	Lower	Upper	
153	100		
152	49.7	38.2	57.2
154	86.5	71.1	106.7





#9

Fluorene

Concen: 0.474 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Instrument :

BNA_N

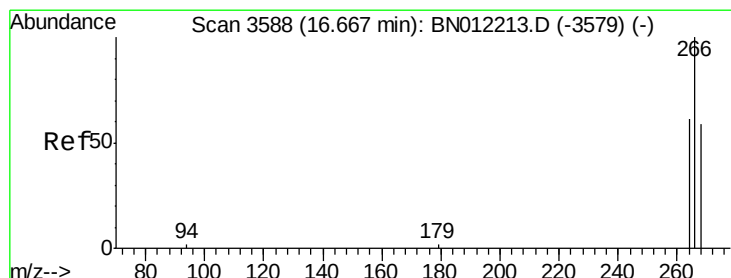
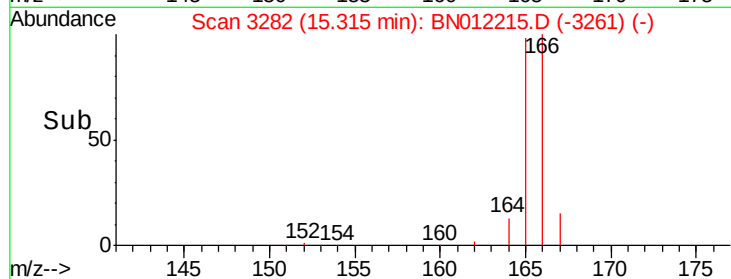
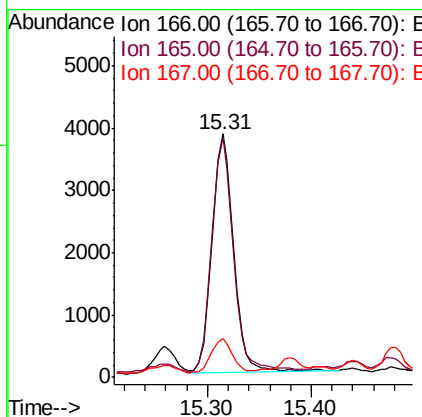
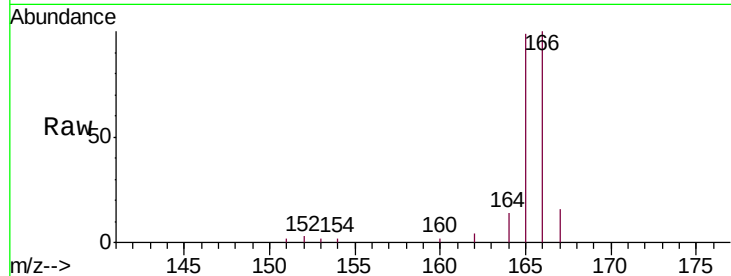
ClientSampleId :

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Tgt Ion:	166	Resp:	5552
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.6	118.0
167	16.1	11.9	17.9

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#11

Pentachlorophenol

Concen: 0.051 ng/ul

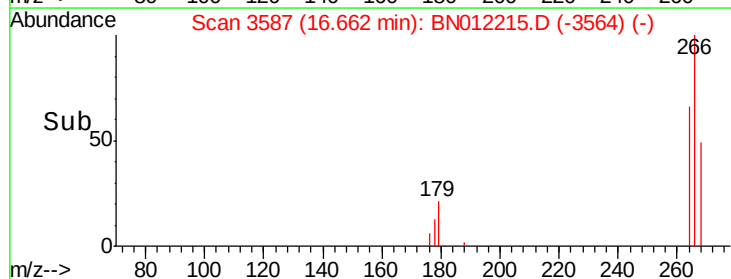
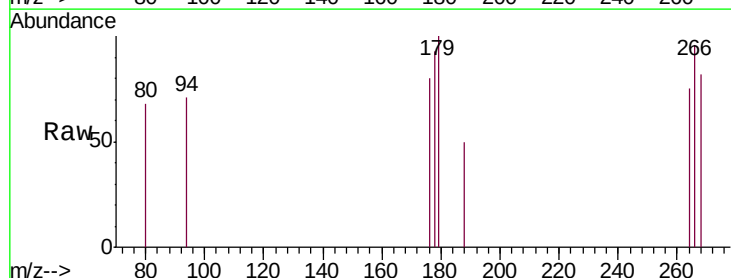
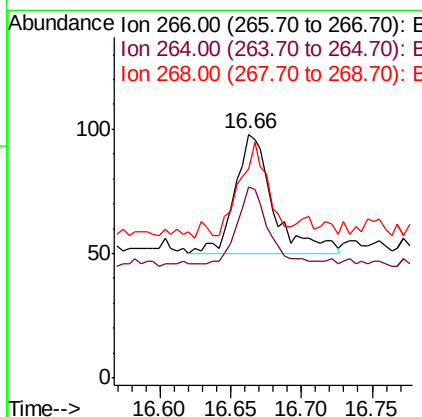
RT: 16.66 min Scan# 3587

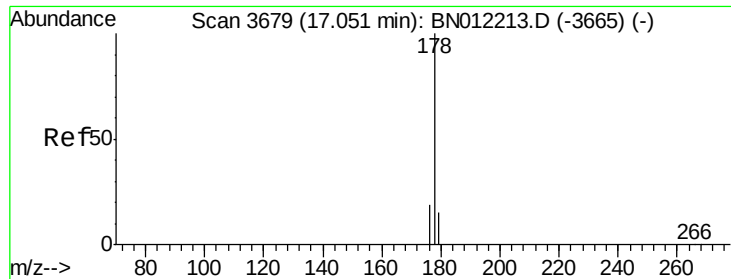
Delta R.T. -0.00 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Tgt Ion:	266	Resp:	90
Ion Ratio	Lower	Upper	
266	100		
264	52.2	50.3	75.5
268	58.9	52.4	78.6





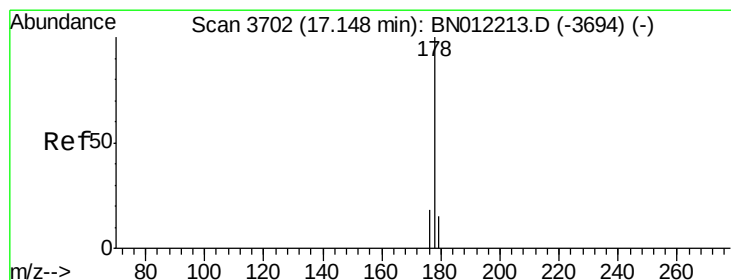
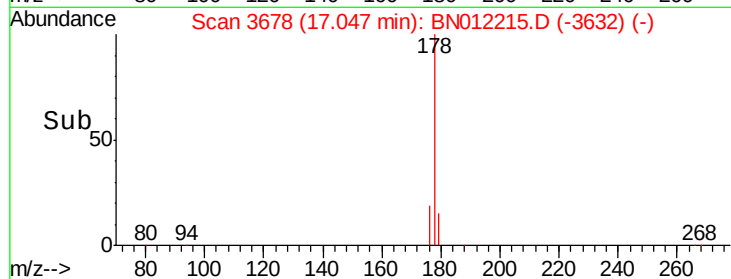
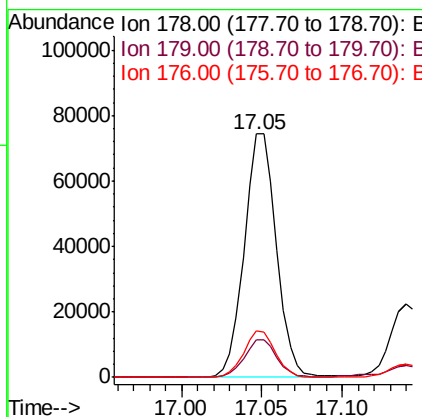
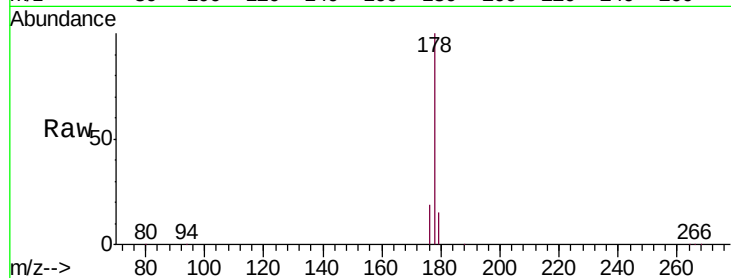
#12
Phenanthrene
Concen: 5.233 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012215.D
Acq: 15 Oct 2020 04:10

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.9	15.7	23.5

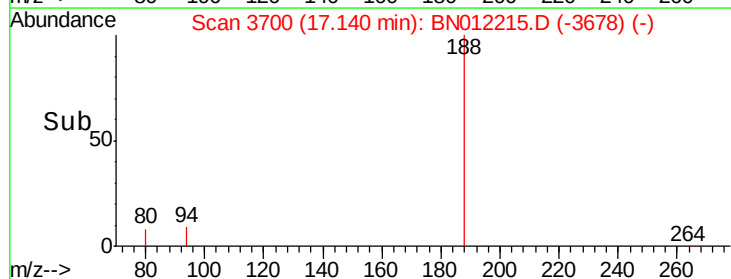
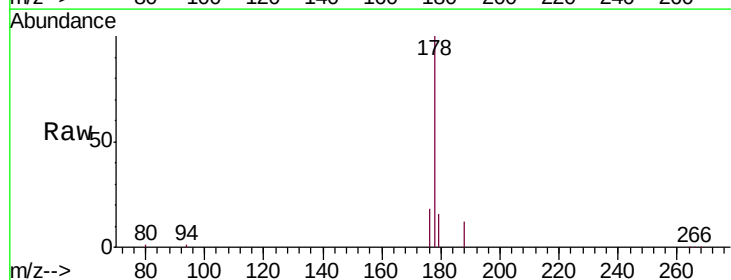
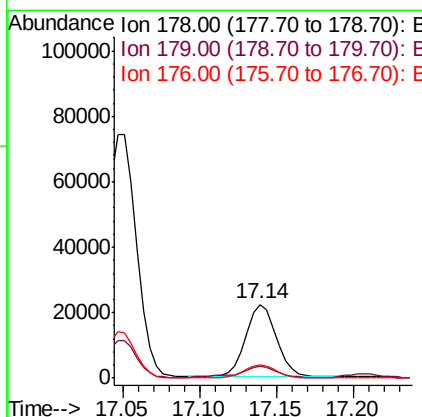
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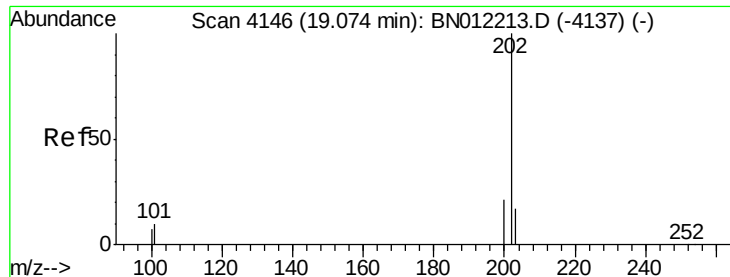
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#13
Anthracene
Concen: 1.841 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN012215.D
Acq: 15 Oct 2020 04:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.9	20.9
176	18.2	15.4	23.0





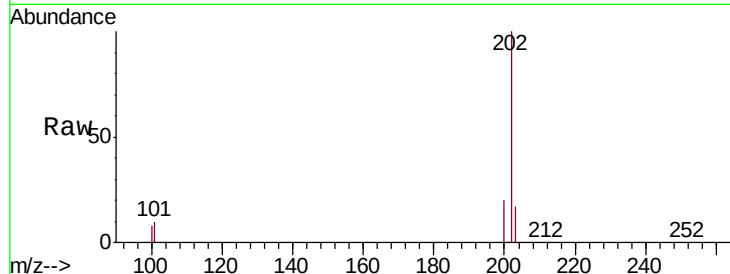
#15
Fluoranthene
Concen: 10.463 ng/ul
RT: 19.07 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN012215.D
Acq: 15 Oct 2020 04:10

Instrument :
BNA_N
ClientSampleId :
C0AL6

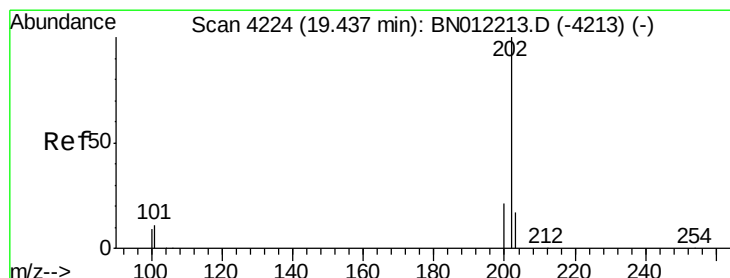
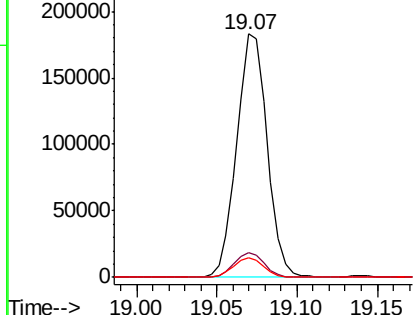
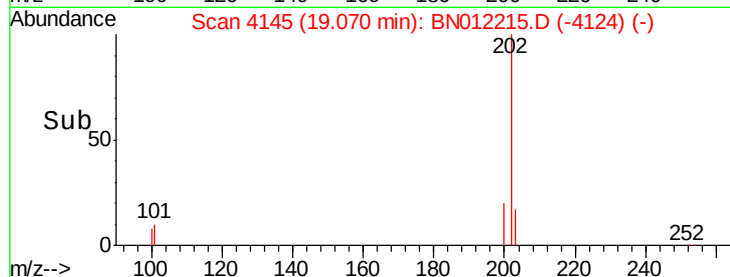
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		240358		
101	10.4	0.0	31.0		
100	8.0	0.0	28.7		

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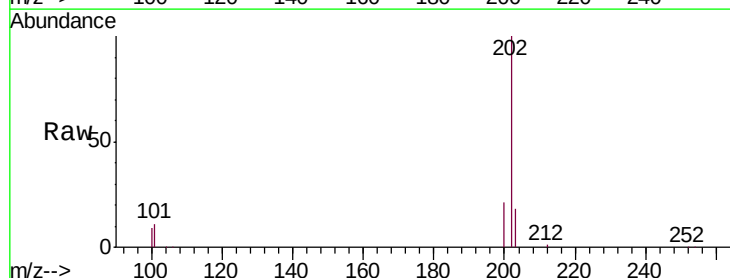


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

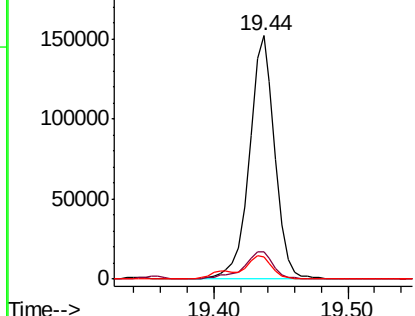
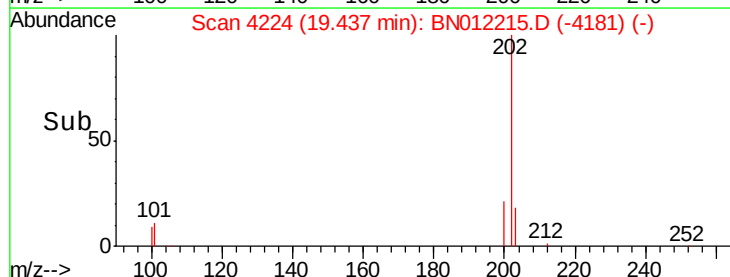


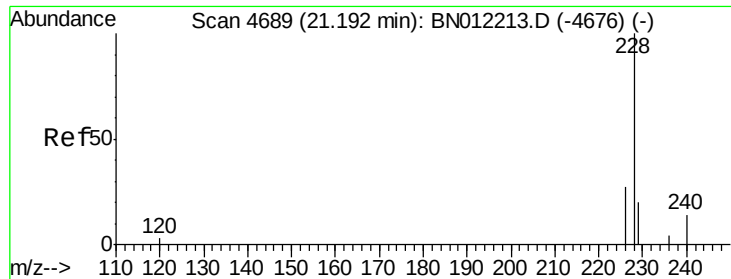
#17
Pyrene
Concen: 7.034 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN012215.D
Acq: 15 Oct 2020 04:10

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		199565		
101	11.4	9.9	14.9		
100	9.3	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





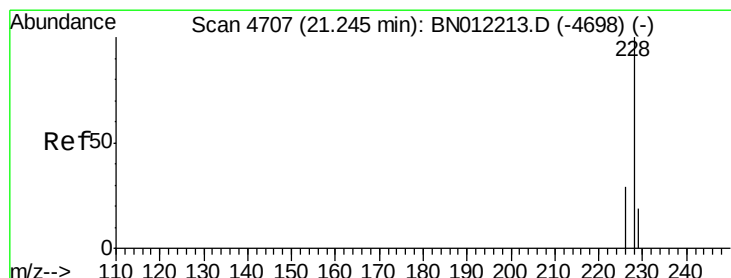
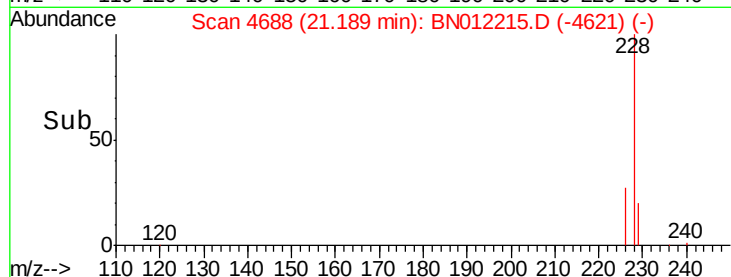
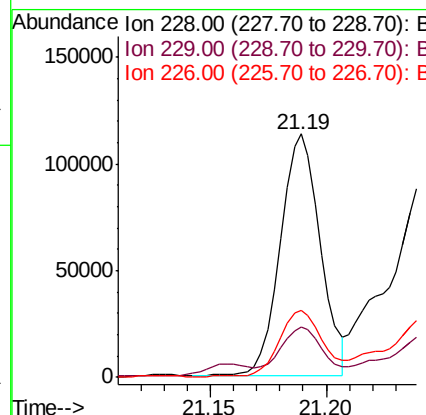
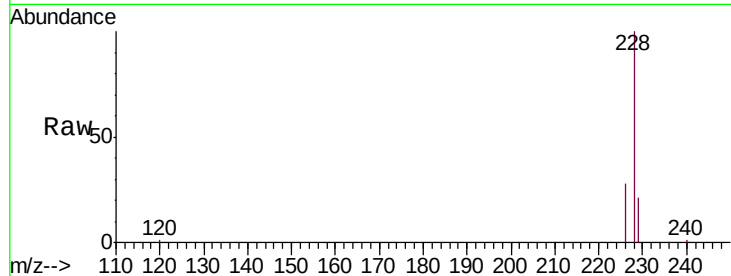
#18
Benzo(a)anthracene
Concen: 5.800 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN012215.D
Acq: 15 Oct 2020 04:10

Instrument :
BNA_N
ClientSampleId :
C0AL6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.7	22.6	33.8

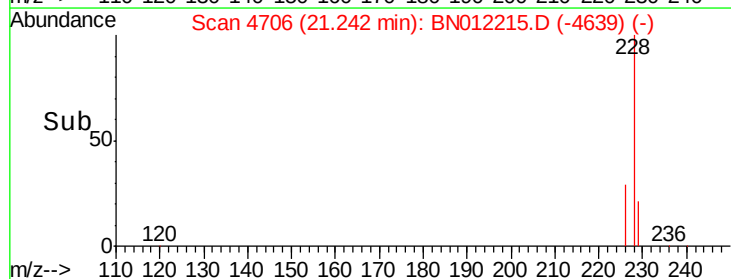
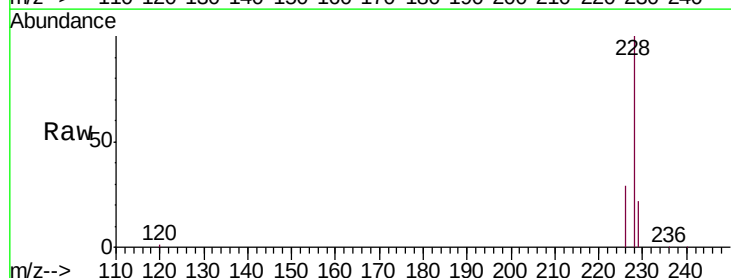
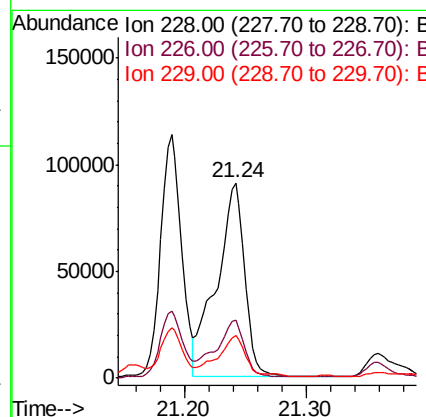
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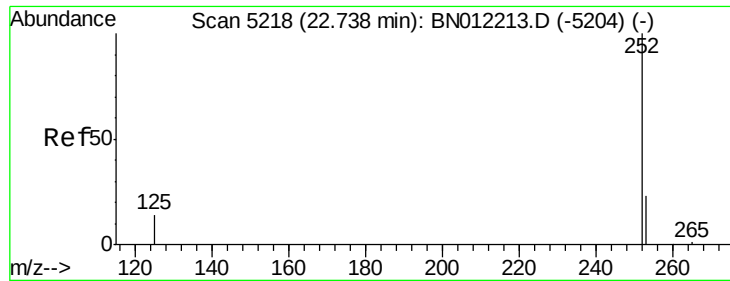
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#19
Chrysene
Concen: 5.167 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN012215.D
Acq: 15 Oct 2020 04:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	37.0
229	21.8	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 15.391 ng/ul m

RT: 22.74 min Scan# 5218

Delta R.T. 0.00 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Instrument :

BNA_N

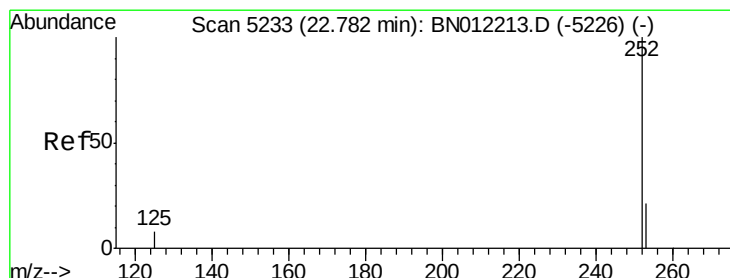
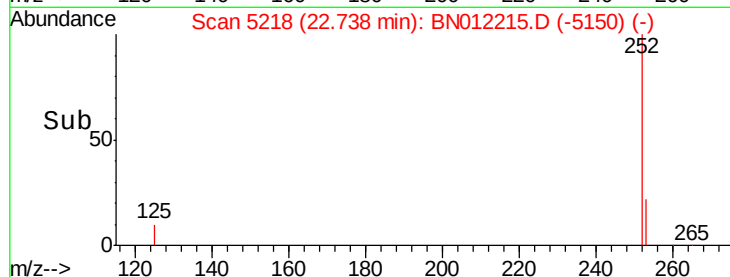
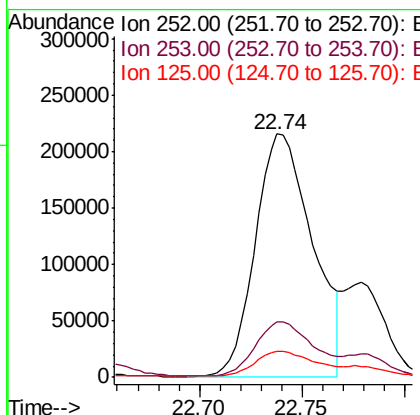
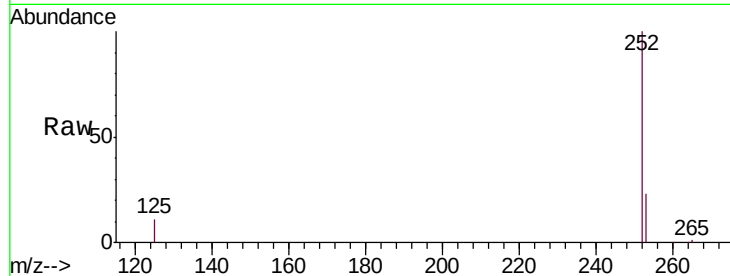
ClientSampled :

COAL6

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		421373		
253	22.8	0.0	61.6		
125	10.6	0.0	36.8		

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#22

Benzo(k)fluoranthene

Concen: 3.977 ng/ul m

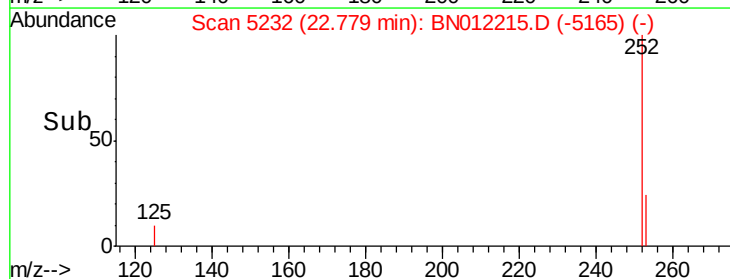
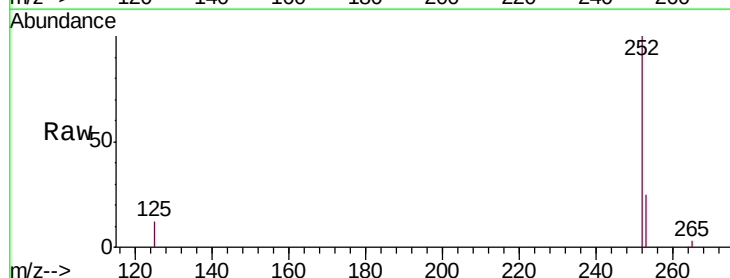
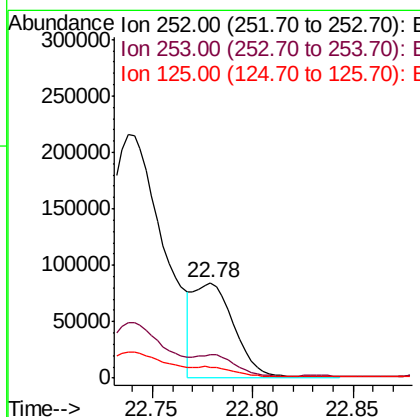
RT: 22.78 min Scan# 5232

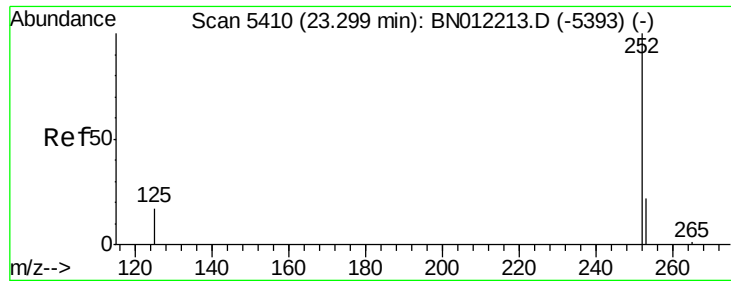
Delta R.T. -0.00 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		120510		
253	24.9	24.4	36.6		
125	11.8	12.9	19.3#		





#23

Benzo(a)pyrene

Concen: 8.777 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Instrument :

BNA_N

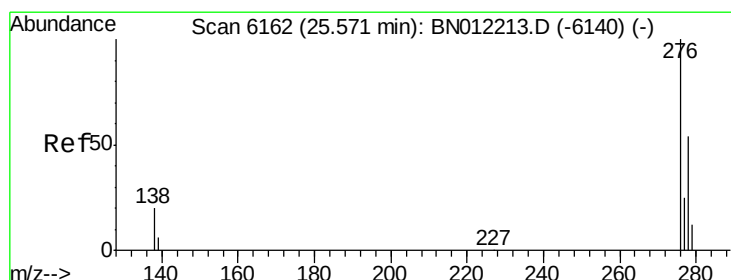
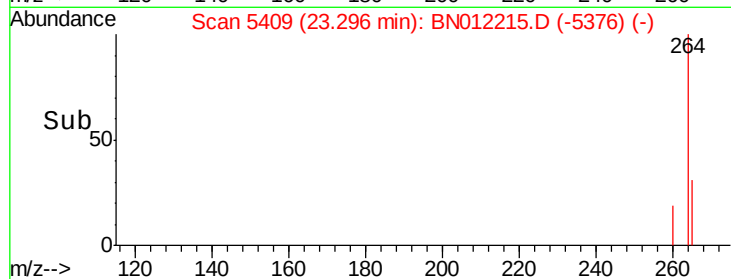
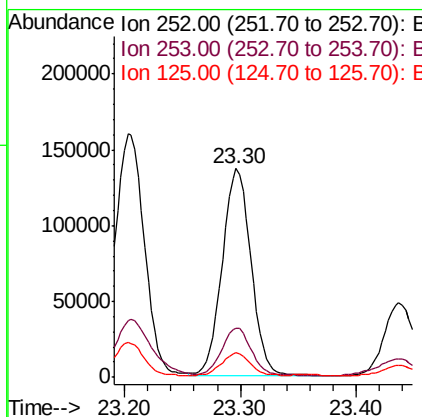
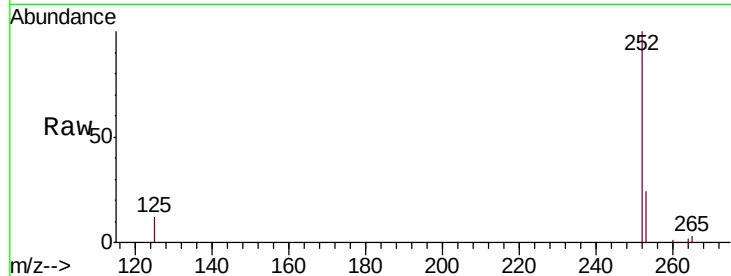
ClientSampleId :

COAL6

Tgt Ion:	252	Resp:	233767
Ion Ratio	Lower	Upper	
252	100		
253	23.7	27.0	40.4#
125	11.6	18.8	28.2#

Manual Integrations
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mohammad
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#24

Indeno(1,2,3-cd)pyrene

Concen: 11.942 ng/ul

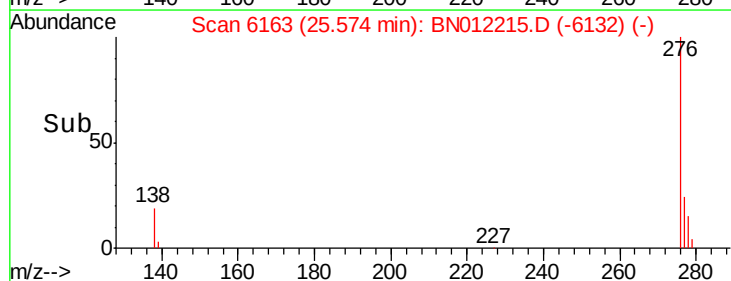
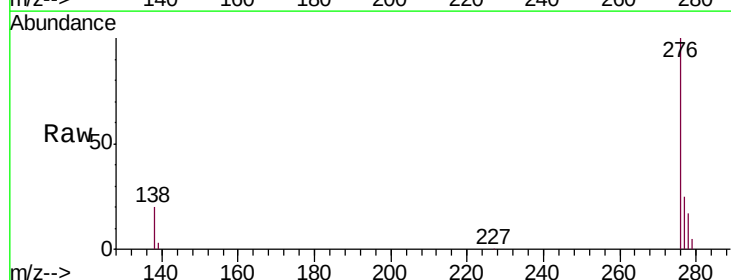
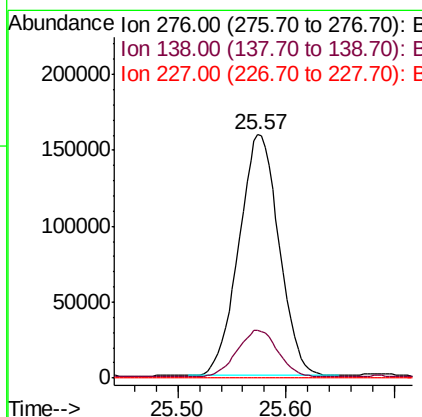
RT: 25.57 min Scan# 6163

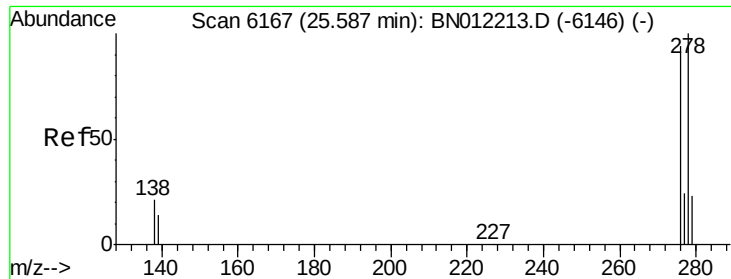
Delta R.T. 0.00 min

Lab File: BN012215.D

Acq: 15 Oct 2020 04:10

Tgt Ion:	276	Resp:	408594
Ion Ratio	Lower	Upper	
276	100		
138	19.7	0.0	0.0#
227	0.2	0.0	0.0#





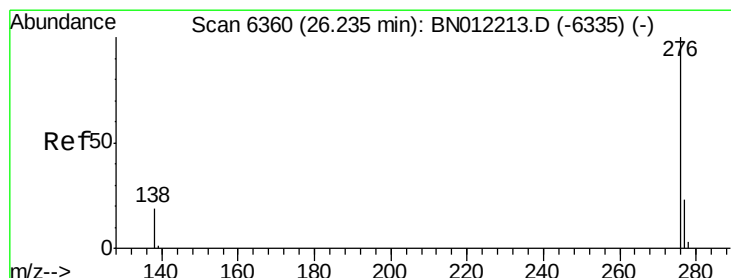
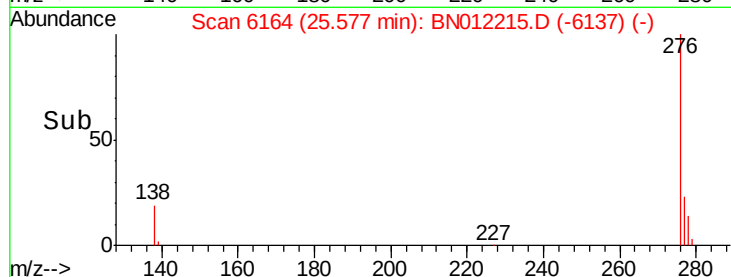
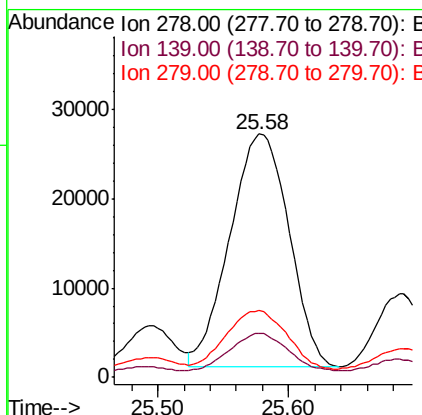
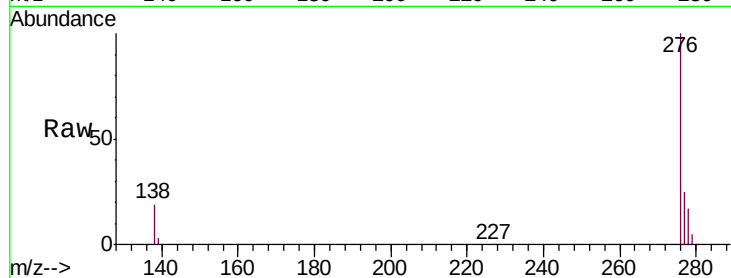
#25
Dibenzo(a,h)anthracene
Concen: 2.987 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.01 min
Lab File: BN012215.D
Acq: 15 Oct 2020 04:10

Instrument :
BNA_N
ClientSampleId :
COAL6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.7	23.5
279	27.3	26.0	39.0

Manual Integrations
APPROVED

mohammad
10/19/2020 1:18:50 PM



#26
Benzo(g,h,i)perylene
Concen: 11.541 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. 0.01 min
Lab File: BN012215.D
Acq: 15 Oct 2020 04:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.1	25.7
277	23.9	21.1	31.7

