

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012281.D
 Acq On : 16 Oct 2020 23:41
 Operator : CG/JU
 Sample : L4201-11DL 10X
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL9DL

Manual Integrations
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Quant Time: Oct 17 00:30:07 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 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	2033	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4822	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9531	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7666	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7724	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	287	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	499	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1647	0.067	ng/ul#	92
7) Acenaphthylene	13.98	152	1171	0.056	ng/ul#	87
8) Acenaphthene	14.32	153	710	0.040	ng/ul	94
9) Fluorene	15.31	166	792	0.040	ng/ul#	92
12) Phenanthrene	17.05	178	16794	0.553	ng/ul	99
13) Anthracene	17.14	178	3198	0.123	ng/ul	95
15) Fluoranthene	19.07	202	31614	0.890	ng/ul	99
17) Pyrene	19.44	202	27731	0.802	ng/ul	99
18) Benzo(a)anthracene	21.19	228	14300	0.504	ng/ul	96
19) Chrysene	21.24	228	15014	0.434	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	20292m	0.650	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	7004m	0.203	ng/ul	
23) Benzo(a)pyrene	23.30	252	13627	0.449	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.58	276	9768	0.251	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	2625	0.084	ng/ul#	37
26) Benzo(a,h,i)perylene	26.25	276	9338	0.261	ng/ul#	89

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

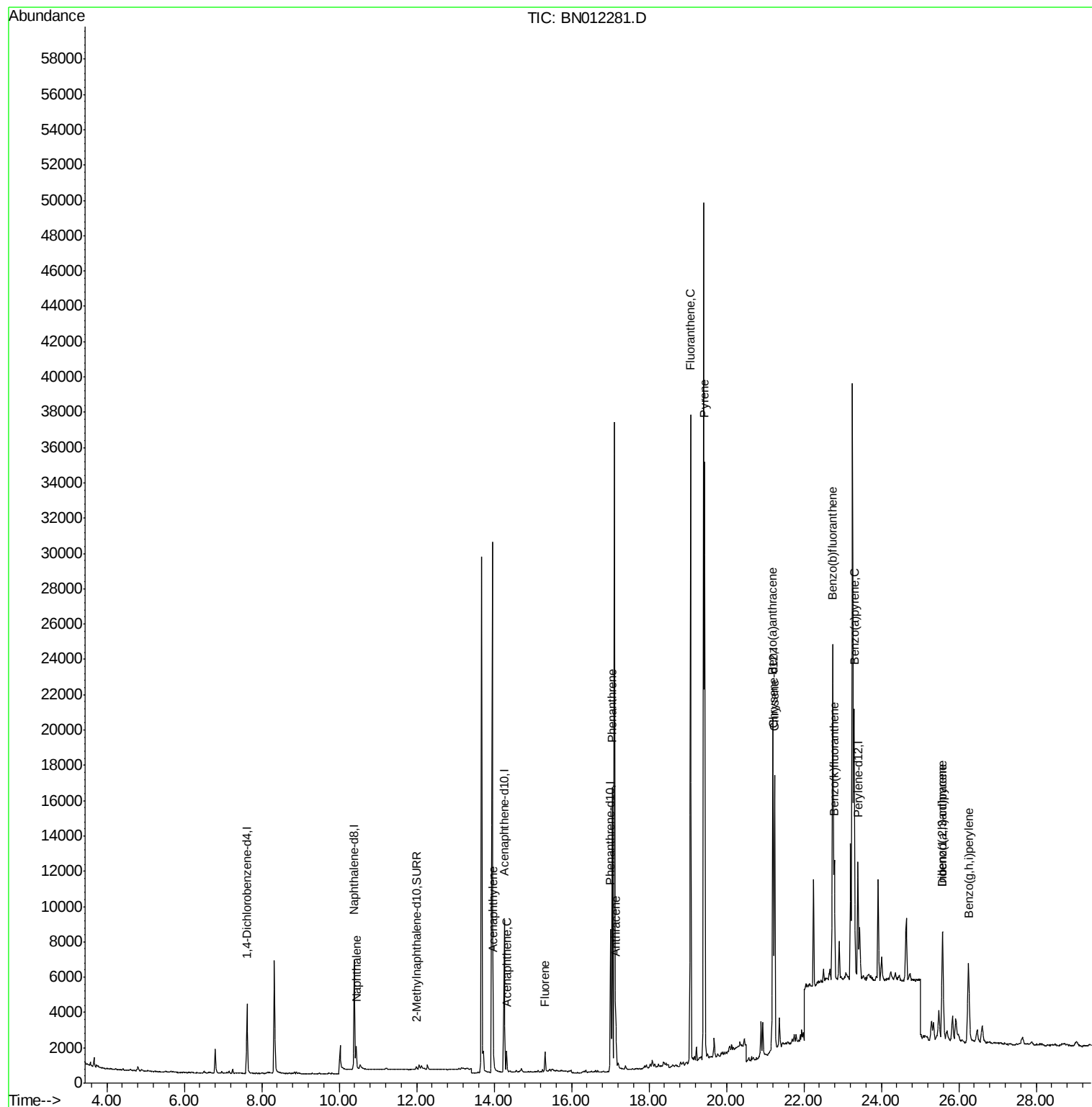
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012281.D
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Misc :
ALS Vial : 93 Sample Multiplier: 1

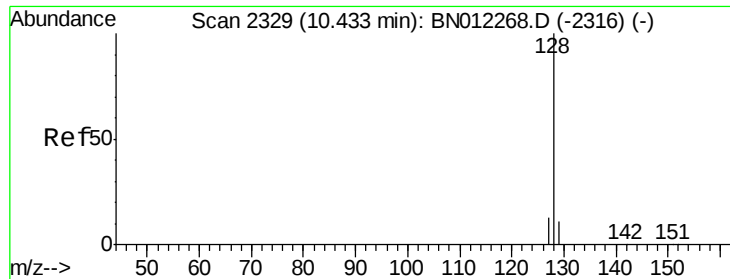
Instrument :
BNA_N
ClientSampleId :
C0AL9DL

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Quant Time: Oct 17 00:30:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
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QLast Update : Fri Oct 16 23:42:05 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

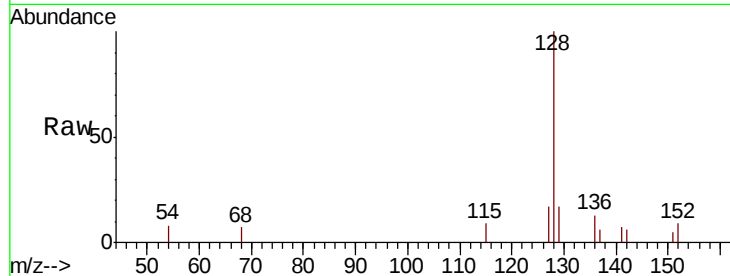
ClientSampleID :

COAL9DL

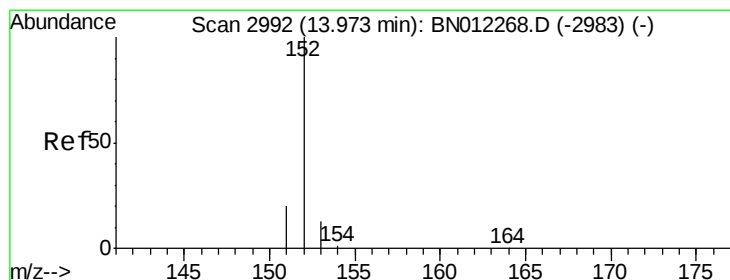
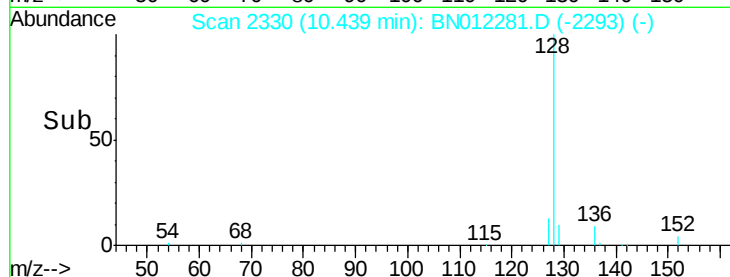
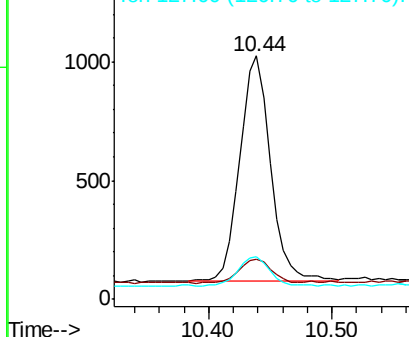
Tot Ion:	128	Resp:	1647
Ion	Ratio	Lower	Upper
128	100		
129	16.7	10.3	15.5#
127	17.3	11.9	17.9

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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



#7

Acenaphthylene

Concen: 0.056 ng/ul

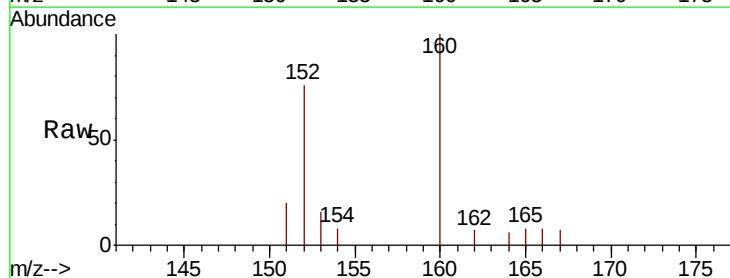
RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

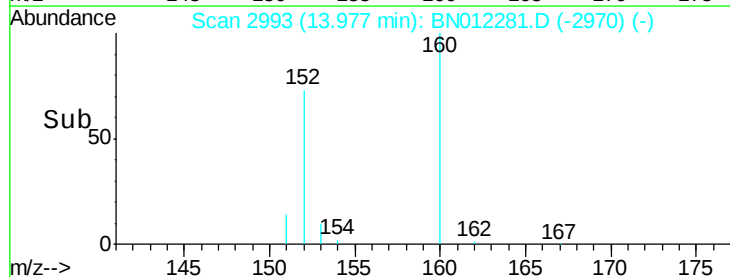
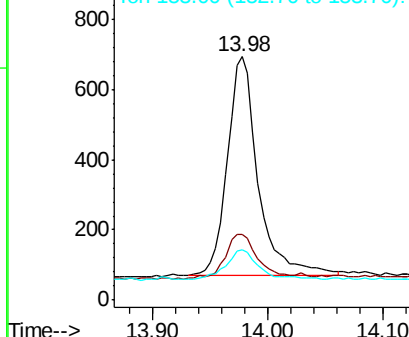
Lab File: BN012281.D

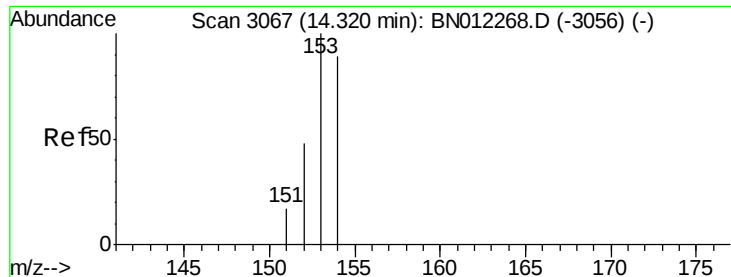
Acq: 16 Oct 2020 23:41

Tgt Ion:	152	Resp:	1171
Ion	Ratio	Lower	Upper
152	100		
151	26.8	16.7	25.1#
153	20.9	11.8	17.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.040 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

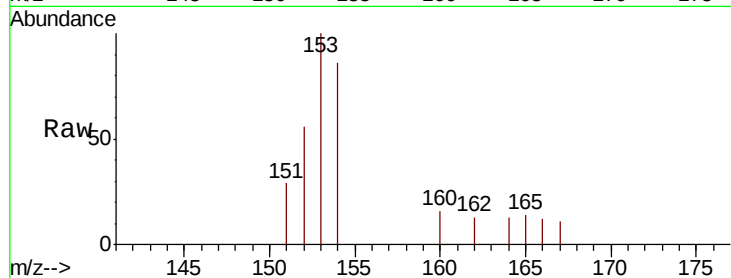
ClientSampleId :

COAL9DL

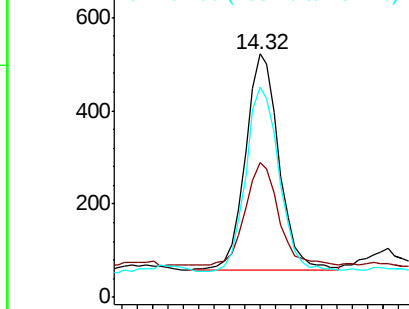
Tot Ion:	153	Resp:	710
Ion	Ratio	Lower	Upper
153	100		
152	55.6	38.2	57.2
154	86.4	71.1	106.7

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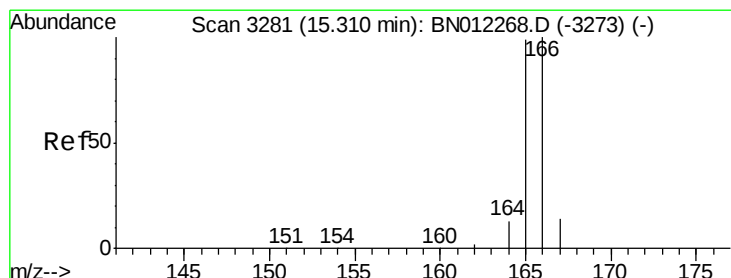
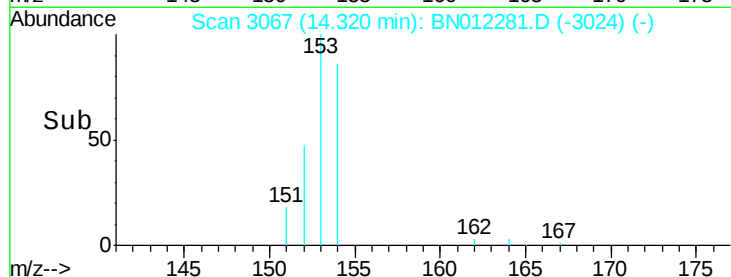
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.040 ng/ul

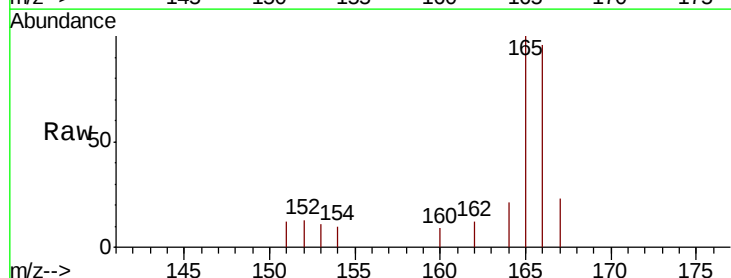
RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

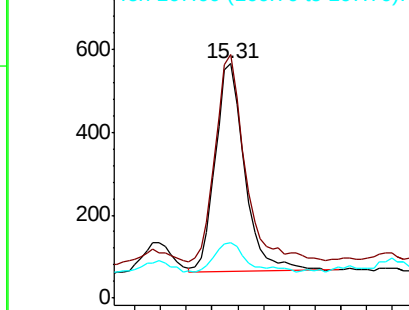
Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

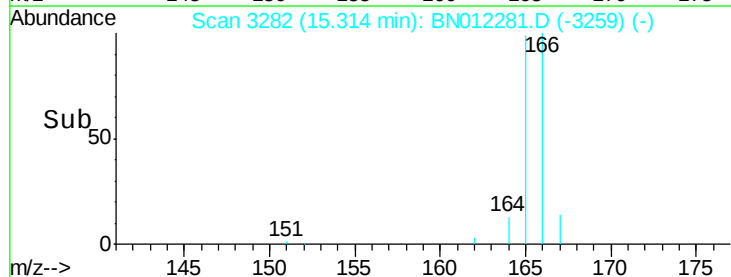
Tgt Ion:	166	Resp:	792
Ion	Ratio	Lower	Upper
166	100		
165	103.9	78.6	118.0
167	23.5	11.9	17.9#

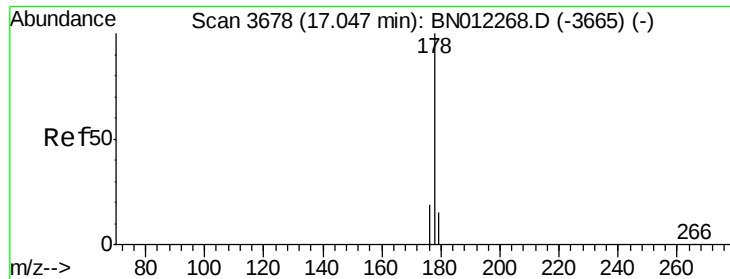


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.553 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

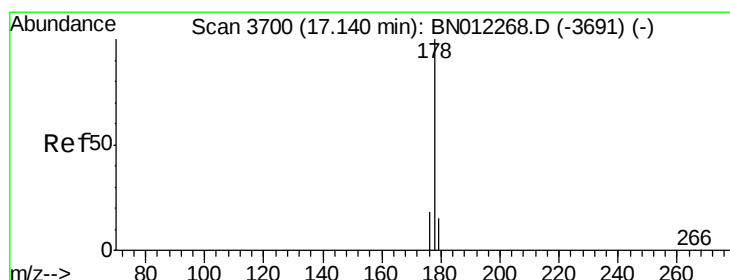
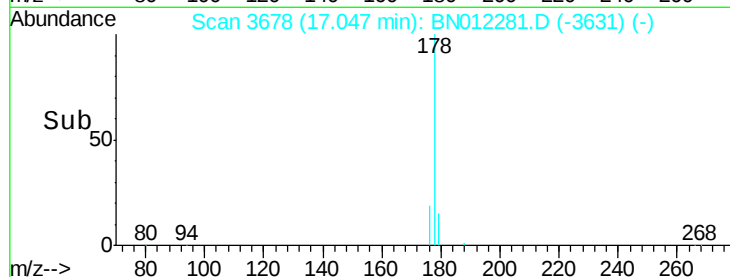
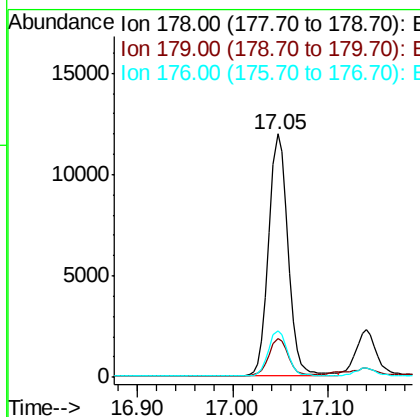
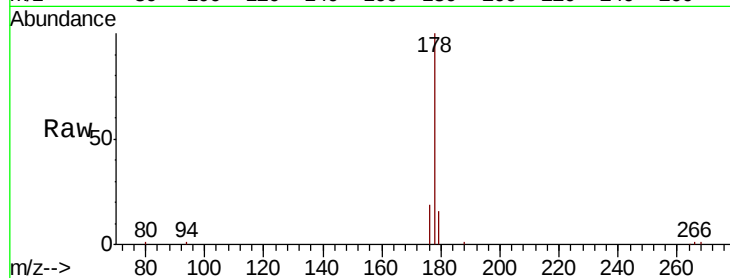
ClientSampleId :

C0AL9DL

Tot Ion:178	Resp:	16794
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.4 20.2
176	19.3	15.7 23.5

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#13

Anthracene

Concen: 0.123 ng/ul

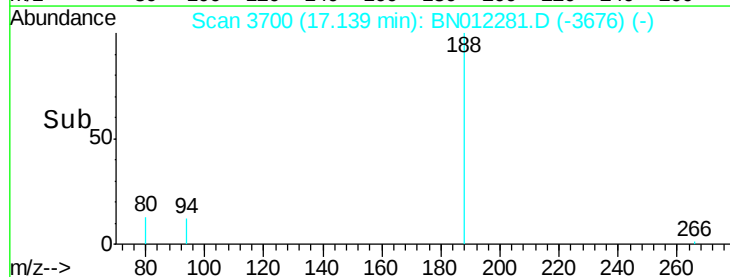
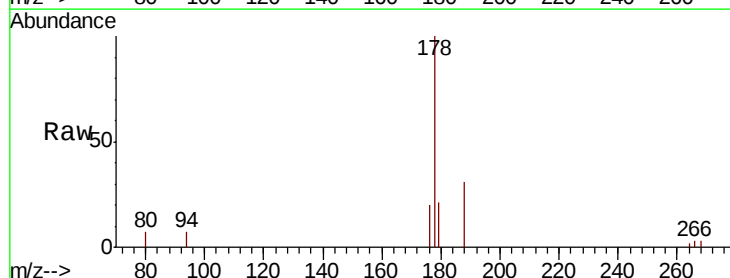
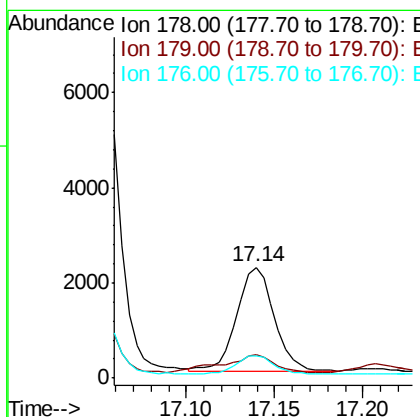
RT: 17.14 min Scan# 3700

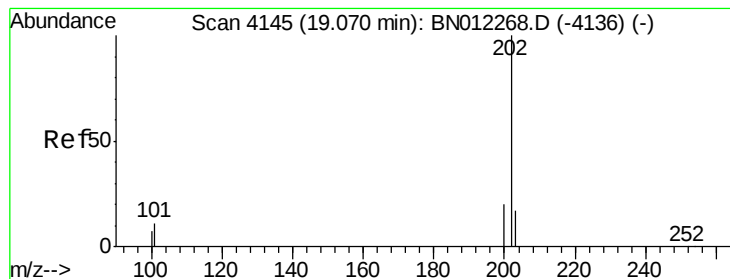
Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Tgt Ion:178	Resp:	3198
Ion Ratio	Lower	Upper
178	100	
179	20.8	13.9 20.9
176	20.1	15.4 23.0





#15

Fluoranthene

Concen: 0.890 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

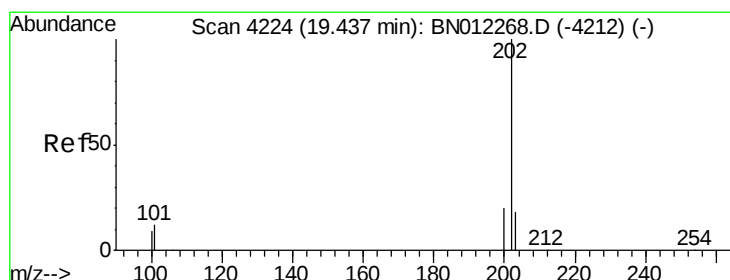
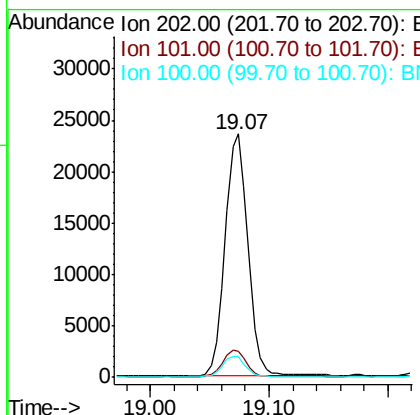
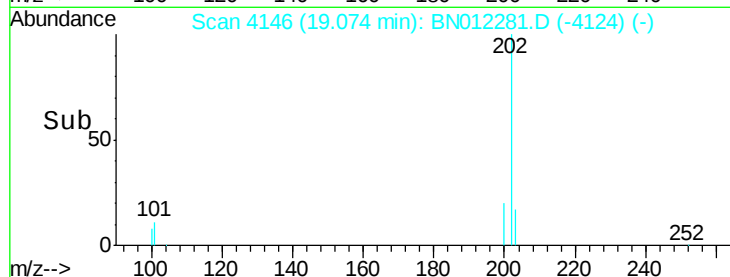
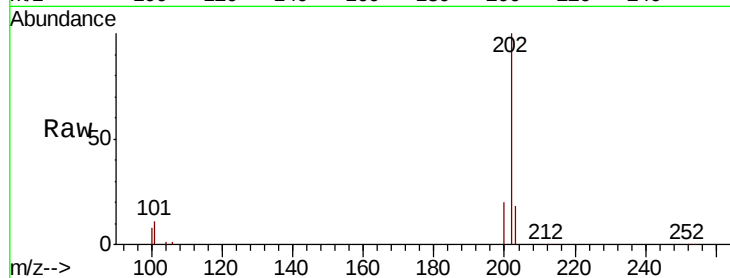
ClientSampleId :

C0AL9DL

Tot Ion:	202	Resp:	31614
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.0
100	8.3	0.0	28.7

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#17

Pyrene

Concen: 0.802 ng/ul

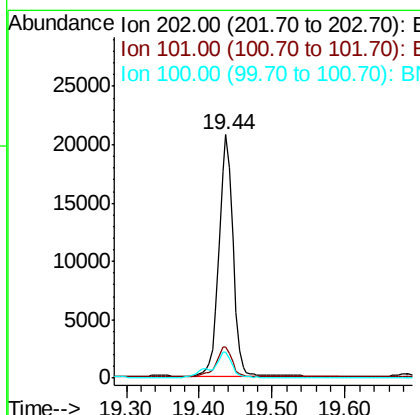
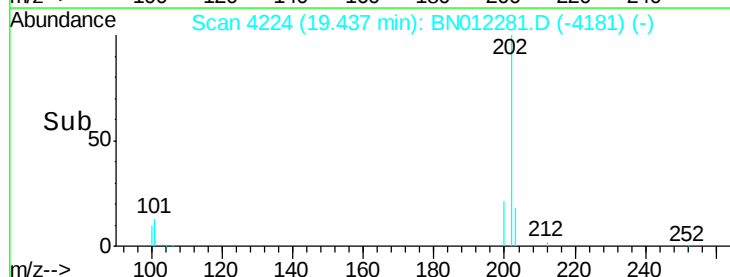
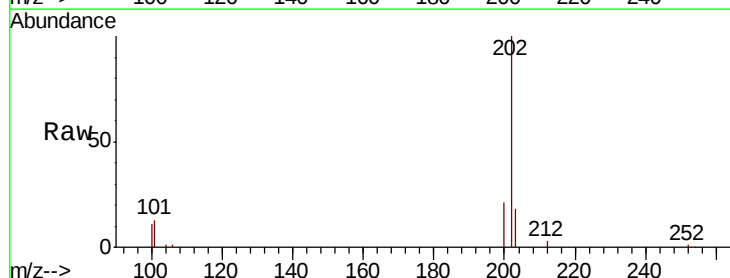
RT: 19.44 min Scan# 4224

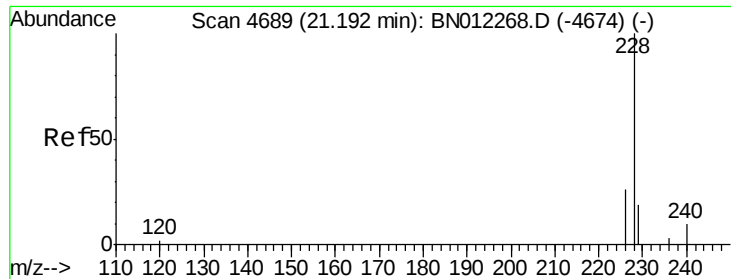
Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Tgt Ion:	202	Resp:	27731
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.9	14.9
100	10.7	8.0	12.0





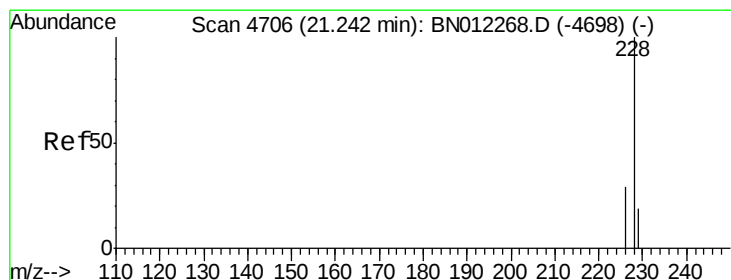
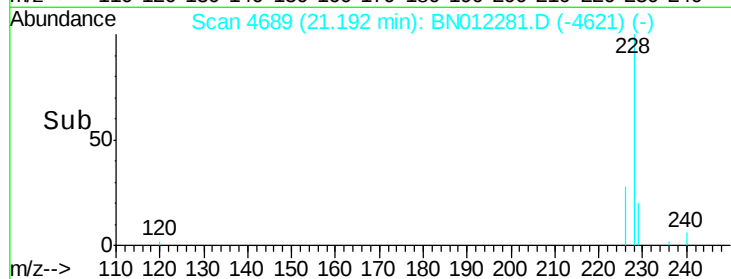
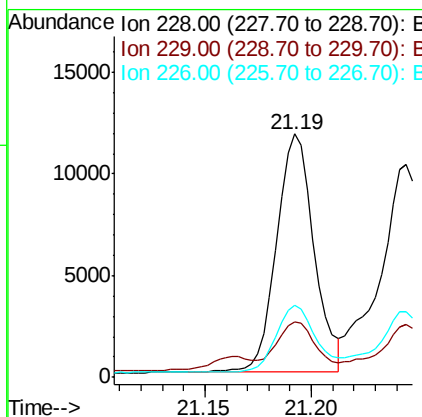
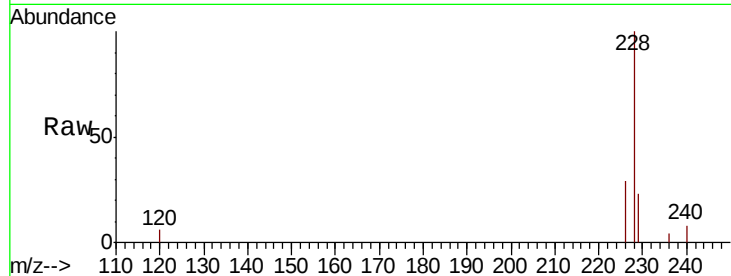
#18
Benzo(a)anthracene
Concen: 0.504 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN012281.D
Acq: 16 Oct 2020 23:41

Instrument :
BNA_N
ClientSampleId :
C0AL9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.8	23.8
226	29.4	22.6	33.8

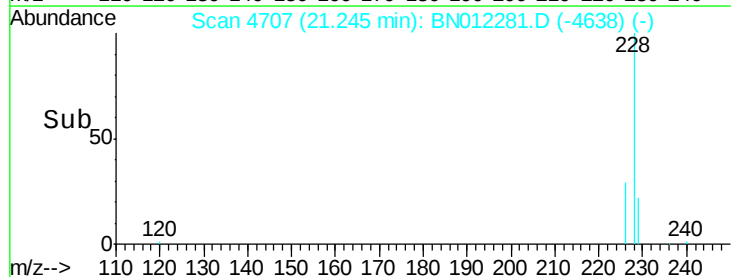
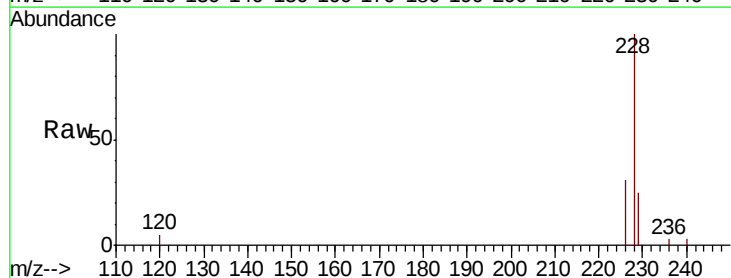
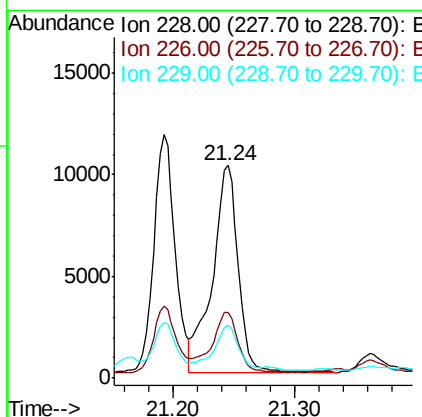
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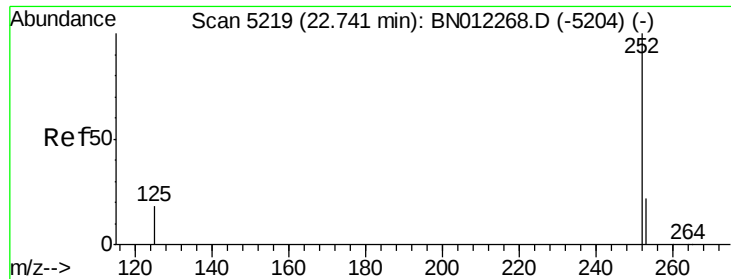
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#19
Chrysene
Concen: 0.434 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012281.D
Acq: 16 Oct 2020 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	24.7	17.0	25.6





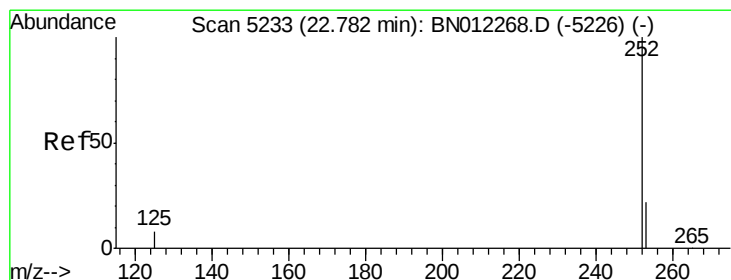
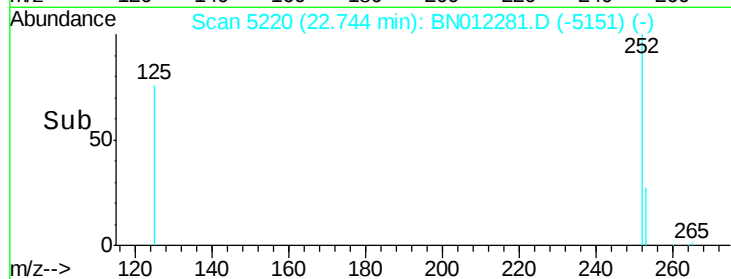
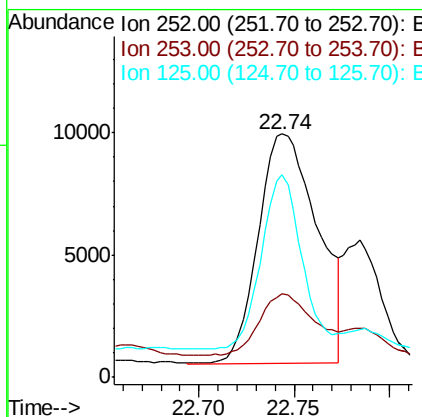
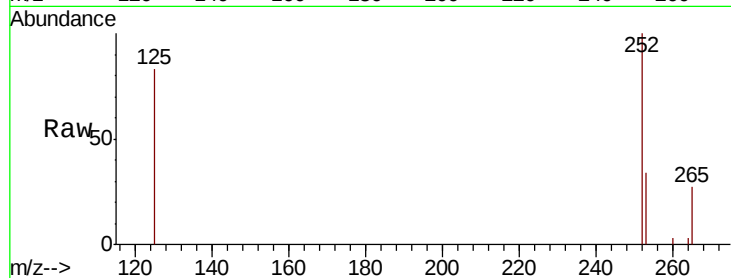
#21
Benzo(b)fluoranthene
Concen: 0.650 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. 0.00 min
Lab File: BN012281.D
Acq: 16 Oct 2020 23:41

Instrument :
BNA_N
ClientSampleId :
C0AL9DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	34.1	0.0	61.6
125	83.2	0.0	36.8#

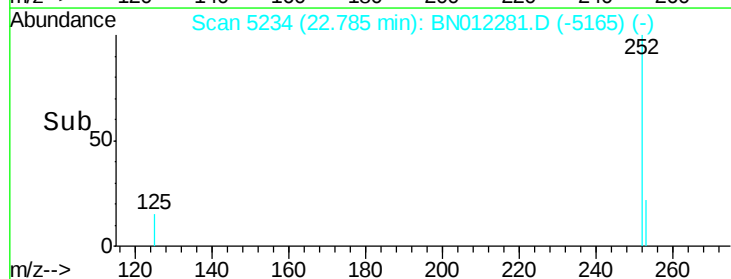
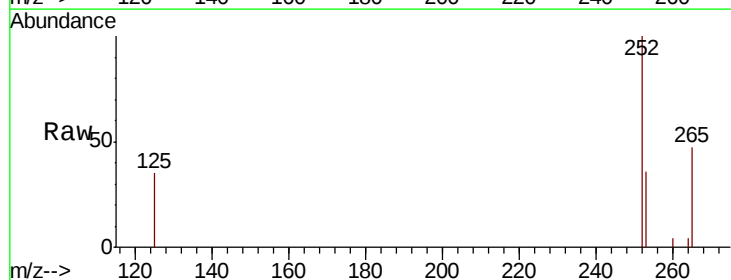
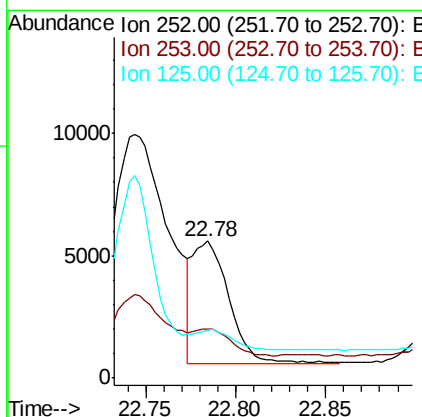
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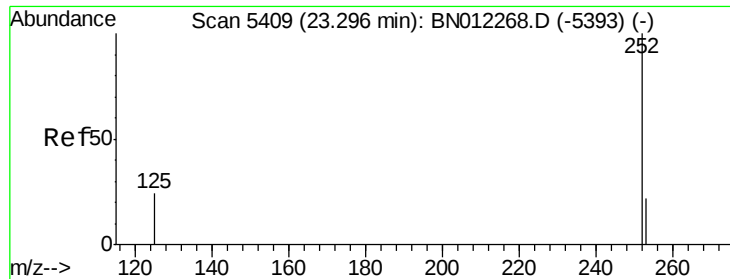
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#22
Benzo(k)fluoranthene
Concen: 0.203 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. 0.00 min
Lab File: BN012281.D
Acq: 16 Oct 2020 23:41

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	35.7	24.4	36.6
125	34.9	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 0.449 ng/uL

RT: 23.30 min Scan# 5410

Delta R.T. 0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

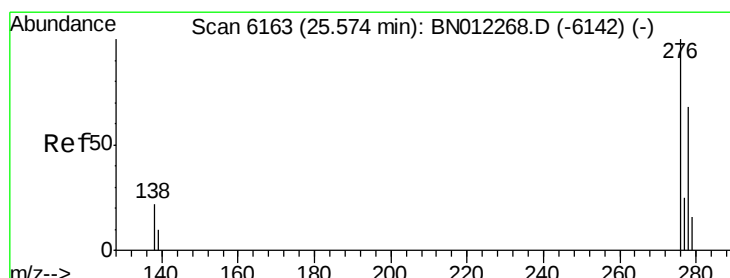
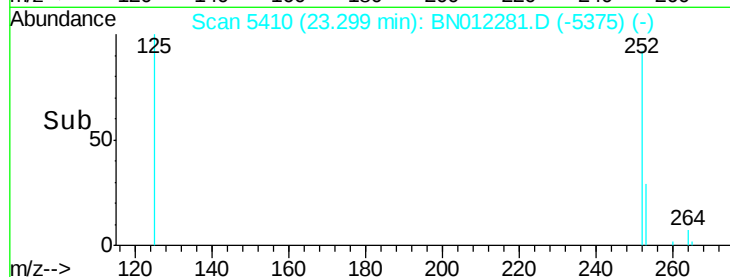
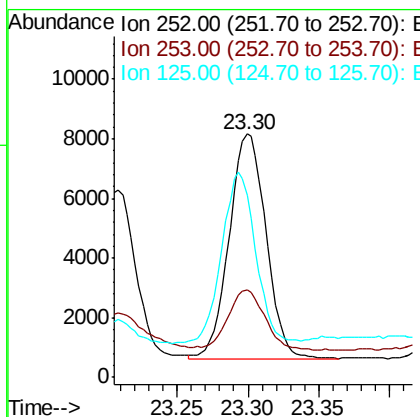
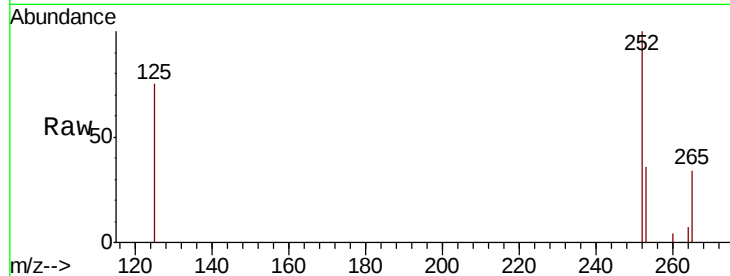
ClientSampleId :

COAL9DL

Tot Ion:	252	Resp:	13627
Ion Ratio	Lower	Upper	
252	100		
253	36.0	27.0	40.4
125	75.0	18.8	28.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.251 ng/uL

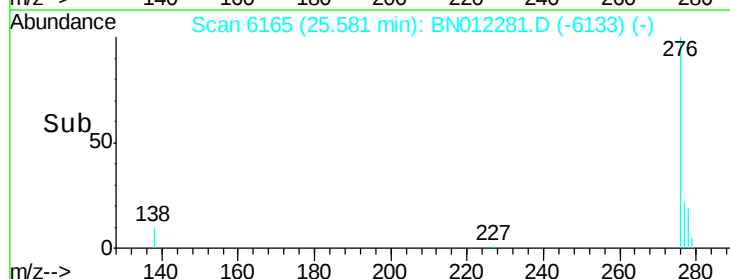
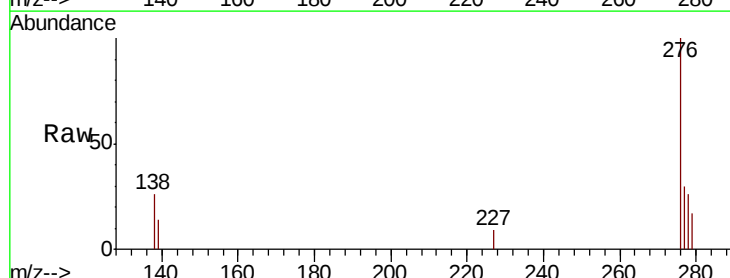
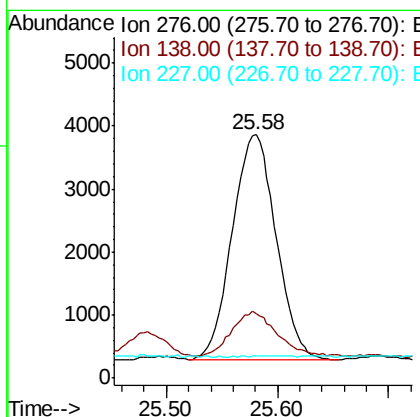
RT: 25.58 min Scan# 6165

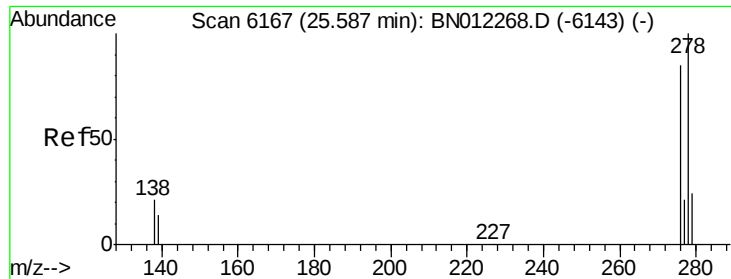
Delta R.T. 0.01 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Tgt Ion:	276	Resp:	9768
Ion Ratio	Lower	Upper	
276	100		
138	20.8	0.0	0.0#
227	0.1	0.0	0.0#





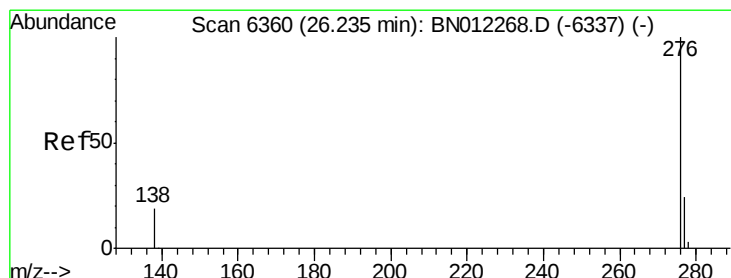
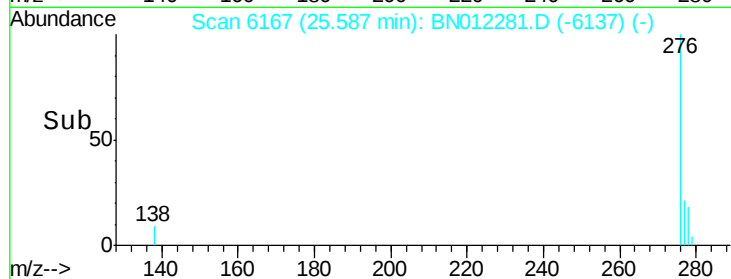
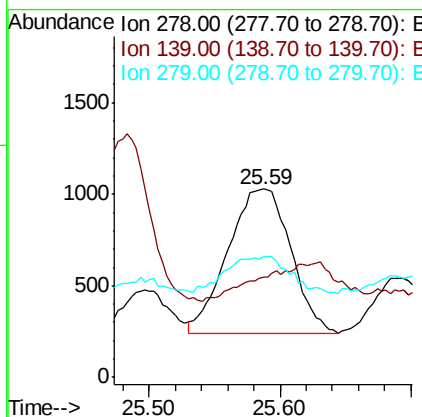
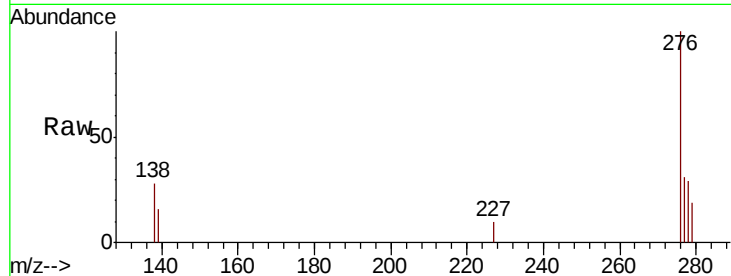
#25
Dibenzo(a,h)anthracene
Concen: 0.084 ng/uL
RT: 25.59 min Scan# 6167
Delta R.T. -0.00 min
Lab File: BN012281.D
Acq: 16 Oct 2020 23:41

Instrument :
BNA_N
ClientSampleID :
C0AL9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	53.5	15.7	23.5#
279	63.9	26.0	39.0#

Manual Integrations
APPROVED

mohammad
10/19/2020 1:22:07 PM



#26
Benzo(g,h,i)perylene
Concen: 0.261 ng/uL
RT: 26.25 min Scan# 6364
Delta R.T. 0.01 min
Lab File: BN012281.D
Acq: 16 Oct 2020 23:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	17.1	25.7#
277	31.4	21.1	31.7

