

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012270.D
 Acq On : 16 Oct 2020 17:02
 Operator : CG/JU
 Sample : L4201-10DL 5X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL8DL

Manual Integrations
 APPROVED

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 10/19/2020 1:21:39 PM

Quant Time: Oct 16 17:32:39 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	1585	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	6602	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3710	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7791	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6089	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6415	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	461	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	1097	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	5258	0.276	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	1816	0.150	ng/ul	98
7) Acenaphthylene	13.97	152	4553	0.283	ng/ul	97
8) Acenaphthene	14.32	153	5965	0.438	ng/ul	99
9) Fluorene	15.31	166	6739	0.445	ng/ul	99
11) Pentachlorophenol	16.66	266	125	0.056	ng/ul	99
12) Phenanthrene	17.05	178	140179	5.644	ng/ul	97
13) Anthracene	17.14	178	29097	1.366	ng/ul	98
15) Fluoranthene	19.07	202	231802	7.982	ng/ul	99
17) Pyrene	19.43	202	178726	6.510	ng/ul	98
18) Benzo(a)anthracene	21.19	228	102350	4.538	ng/ul	99
19) Chrysene	21.24	228	93227	3.393	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	125863m	4.857	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	44172m	1.540	ng/ul	
23) Benzo(a)pyrene	23.30	252	78780	3.125	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.57	276	55469	1.713	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	15303	0.591	ng/ul#	96
26) Benzo(g,h,i)perylene	26.24	276	44889	1.512	ng/ul	98

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

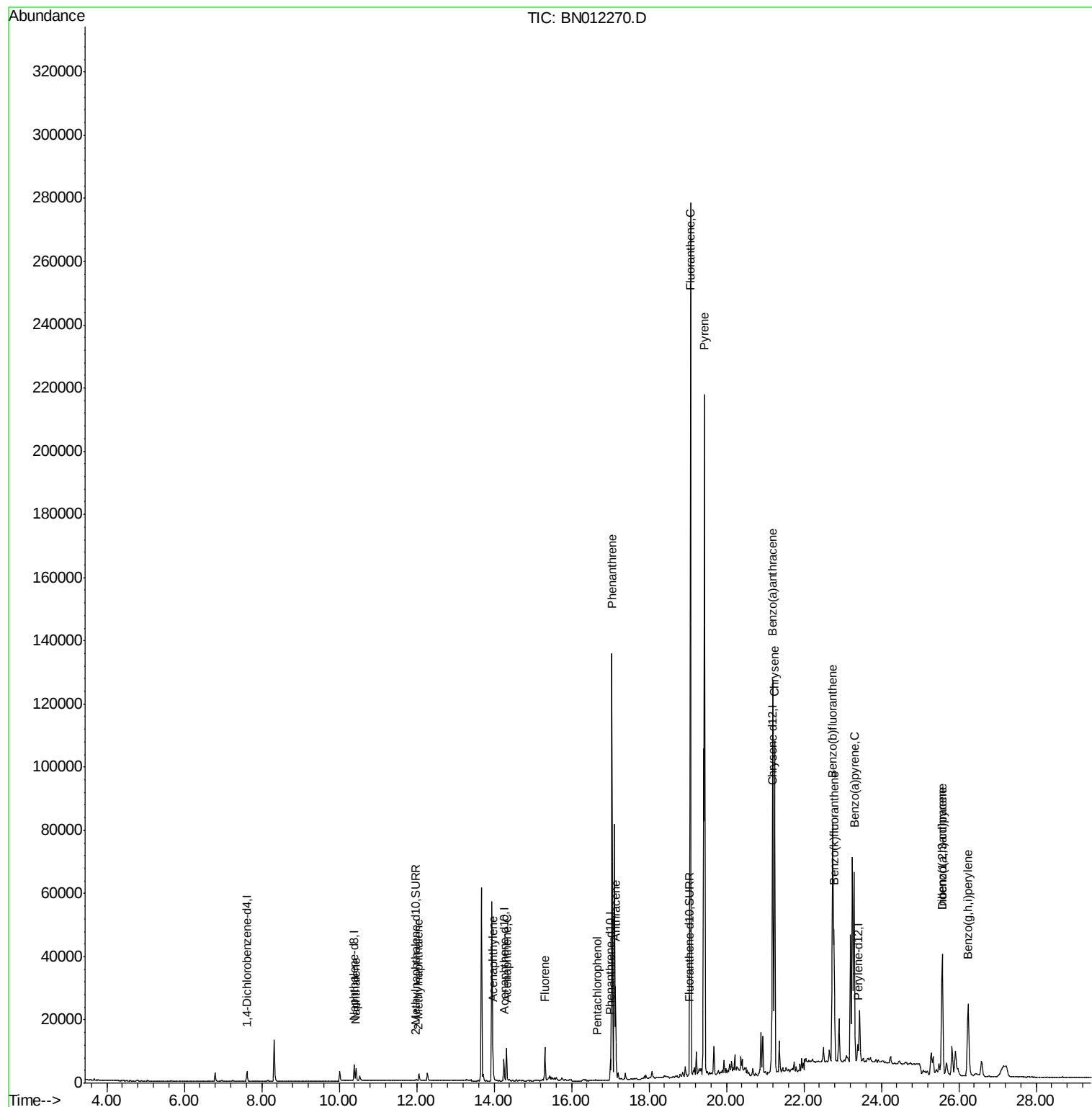
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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ALS Vial : 82 Sample Multiplier: 1

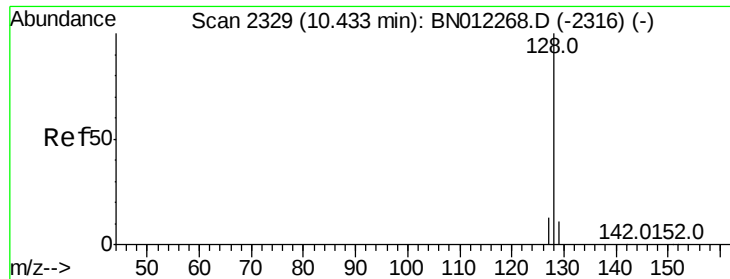
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
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#3

Naphthalene

Concen: 0.276 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Instrument :

BNA_N

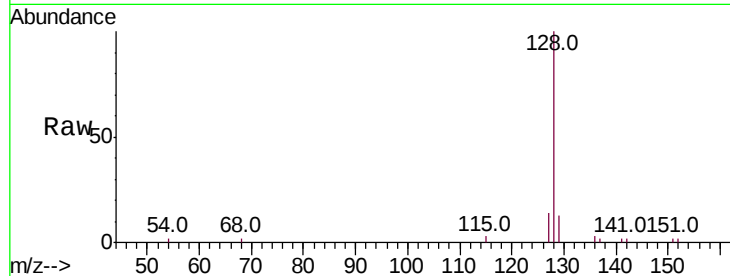
ClientSampleId :

COAL8DL

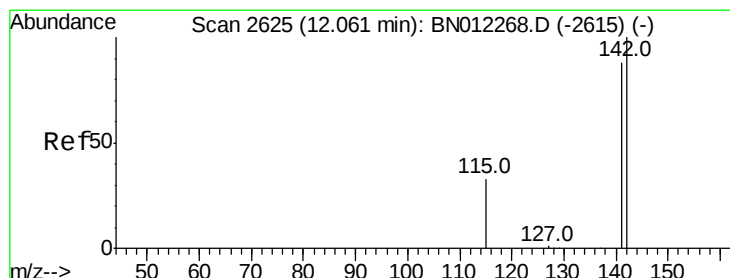
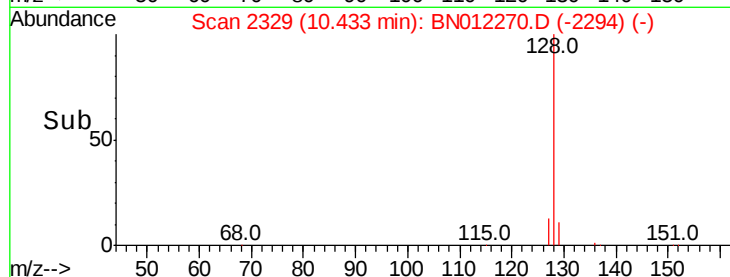
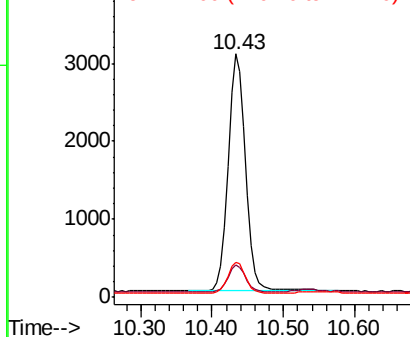
Tot Ion:	128	Resp:	5258
Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.3	15.5
127	14.4	11.9	17.9

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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: 0.150 ng/ul

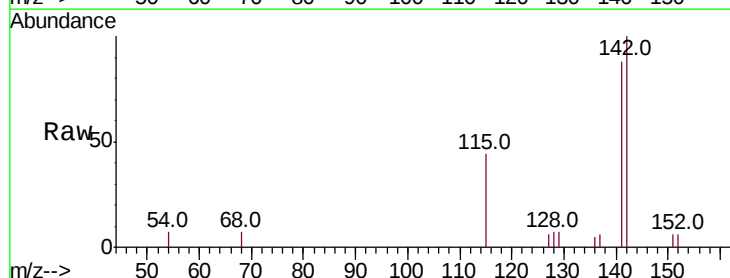
RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

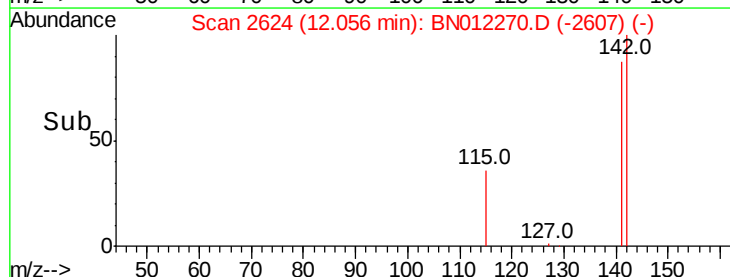
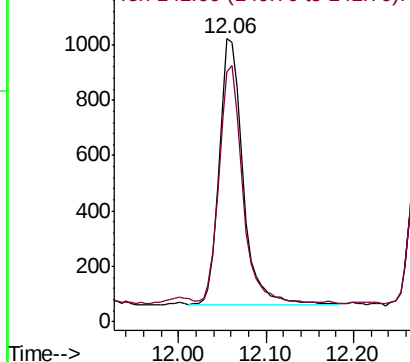
Lab File: BN012270.D

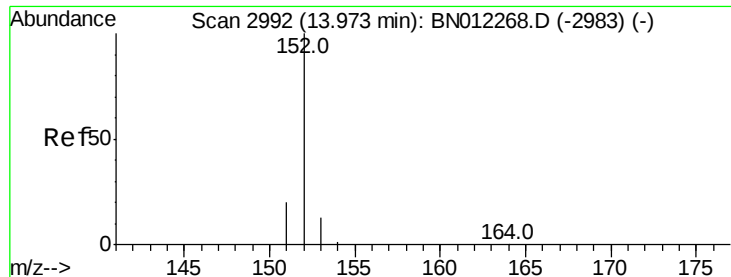
Acq: 16 Oct 2020 17:02

Tgt Ion:	142	Resp:	1816
Ion	Ratio	Lower	Upper
142	100		
141	87.7	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: 0.283 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Instrument :

BNA_N

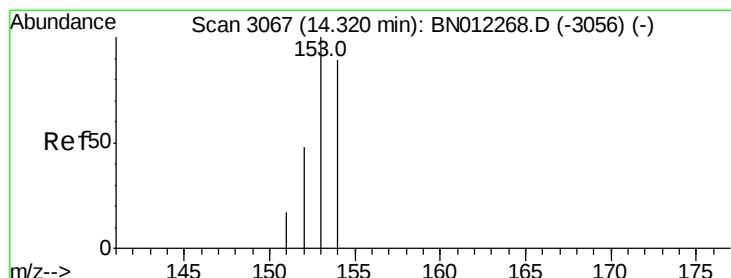
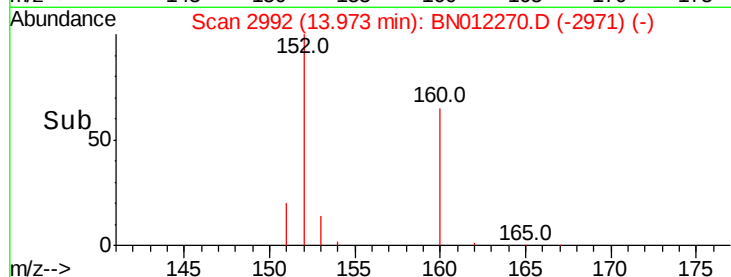
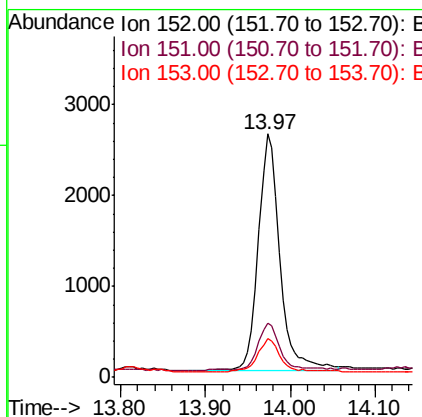
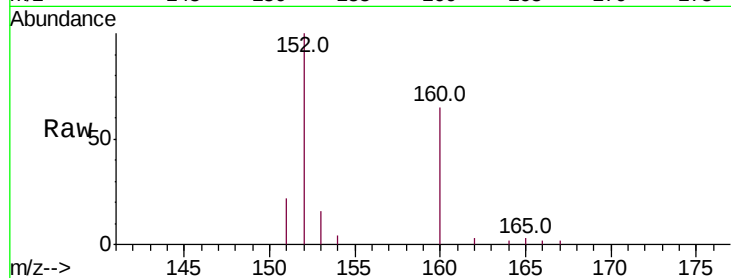
ClientSampleId :

COAL8DL

Tot Ion:	152	Resp:	4553
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.7	25.1
153	15.9	11.8	17.8

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#8

Acenaphthene

Concen: 0.438 ng/ul

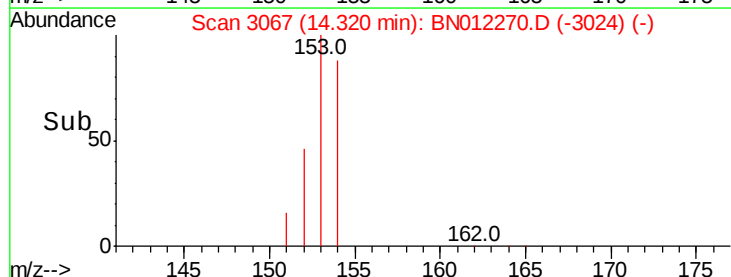
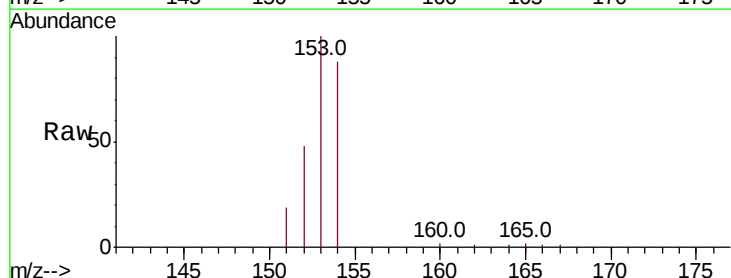
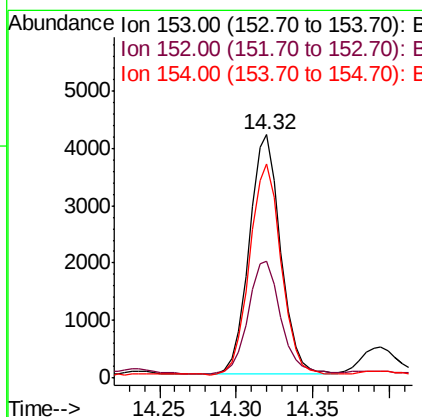
RT: 14.32 min Scan# 3067

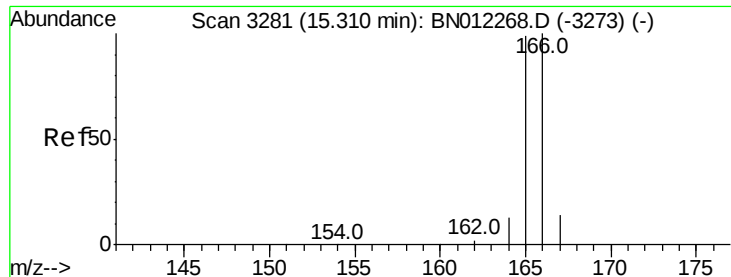
Delta R.T. -0.00 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Tgt Ion:	153	Resp:	5965
Ion Ratio	Lower	Upper	
153	100		
152	47.9	38.2	57.2
154	87.8	71.1	106.7





#9

Fluorene

Concen: 0.445 ng/ul

RT: 15.31 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Instrument :

BNA_N

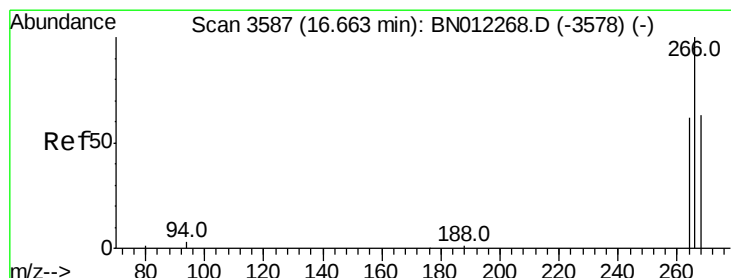
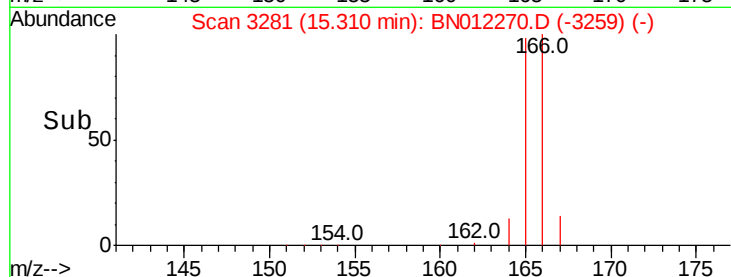
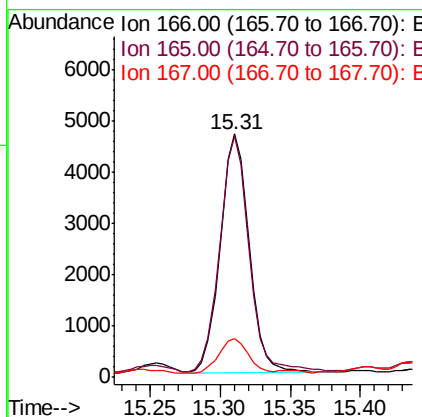
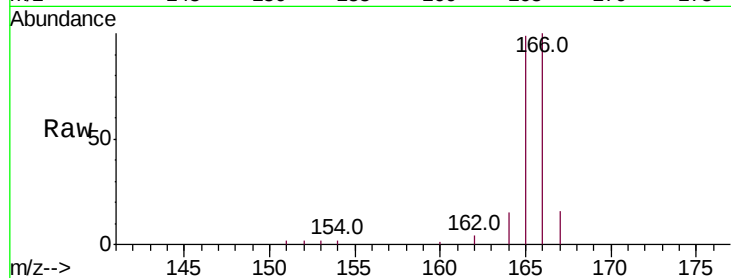
ClientSampleId :

COAL8DL

Tot Ion:	166	Resp:	6739
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.6	118.0
167	16.0	11.9	17.9

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#11

Pentachlorophenol

Concen: 0.056 ng/ul

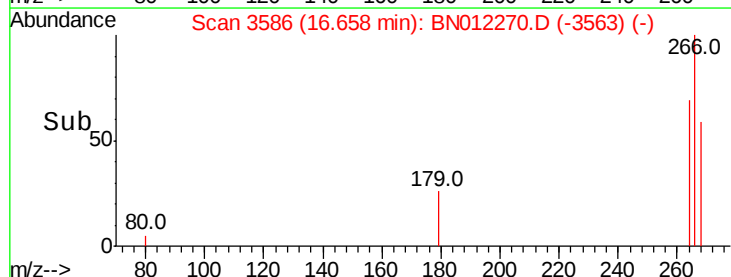
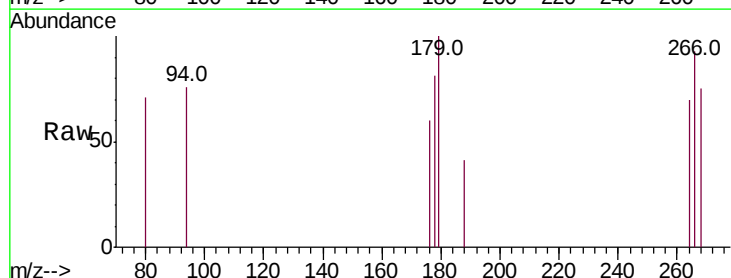
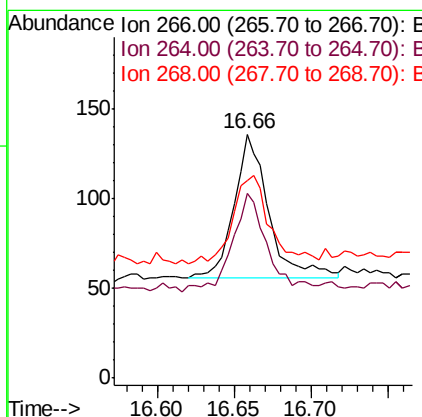
RT: 16.66 min Scan# 3586

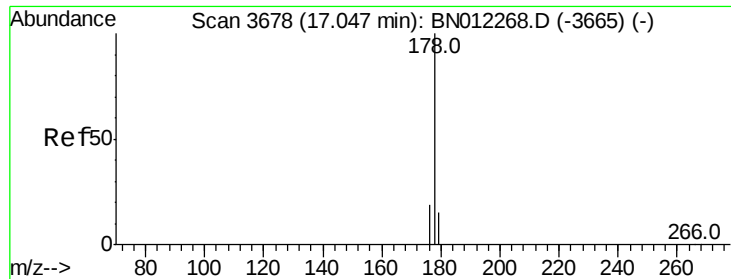
Delta R.T. -0.00 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Tgt Ion:	266	Resp:	125
Ion Ratio	Lower	Upper	
266	100		
264	62.4	50.3	75.5
268	66.4	52.4	78.6





#12

Phenanthrene

Concen: 5.644 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Instrument :

BNA_N

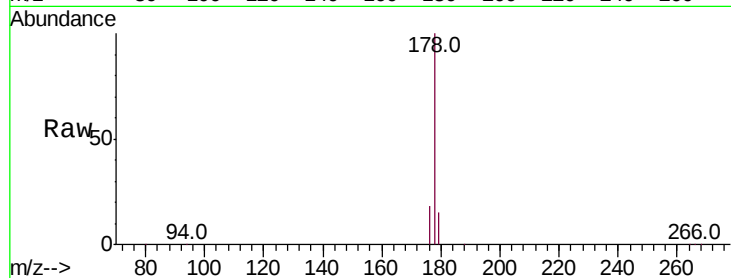
ClientSampleId :

COAL8DL

Tot Ion:178	Resp:	140179
Ion Ratio	Lower	Upper
178	100	
179	15.4	13.4 20.2
176	18.3	15.7 23.5

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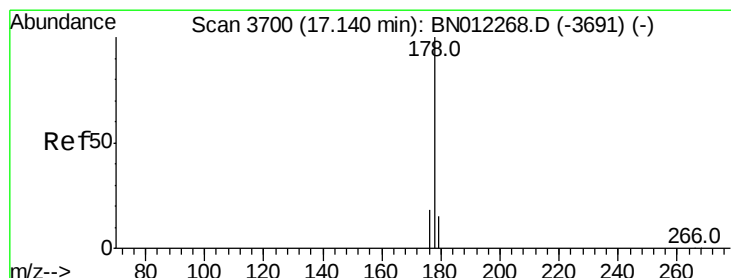
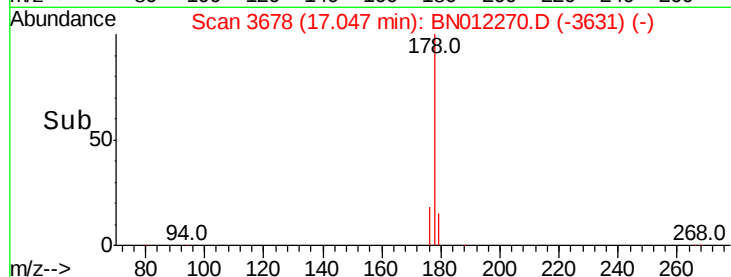
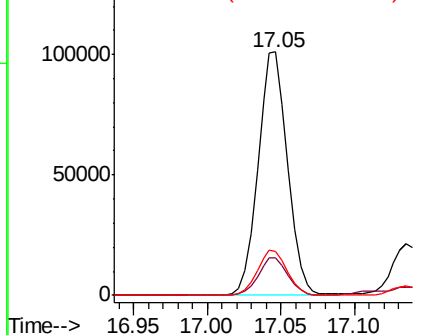
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 1.366 ng/ul

RT: 17.14 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BN012270.D

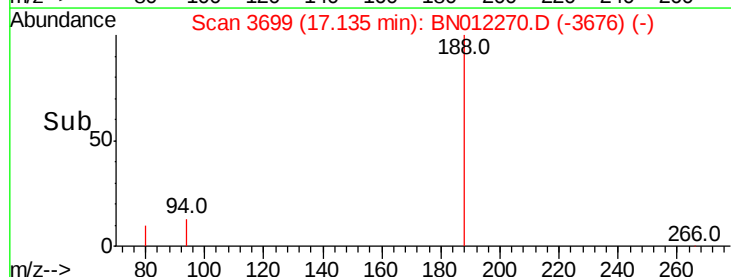
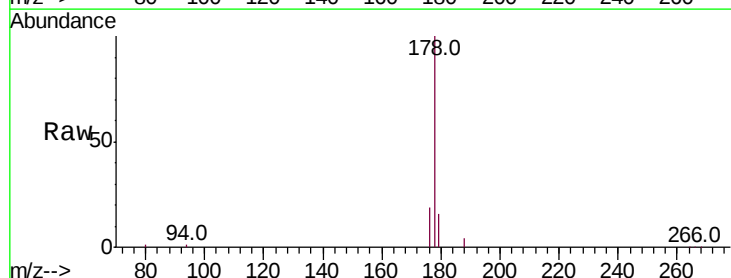
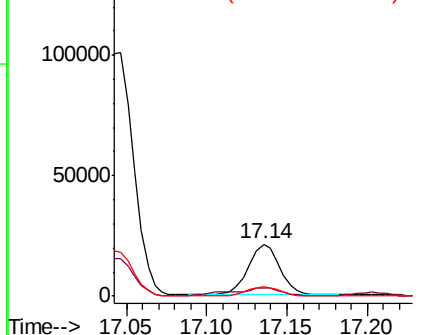
Acq: 16 Oct 2020 17:02

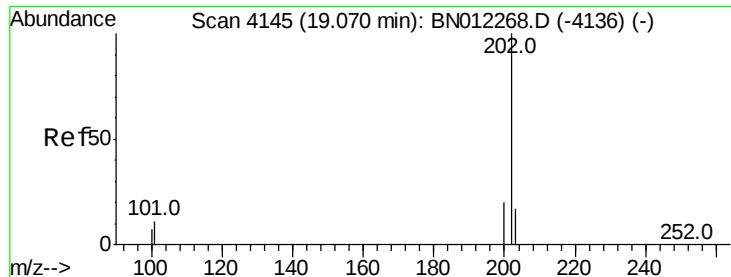
Tgt Ion:178	Resp:	29097
Ion Ratio	Lower	Upper
178	100	
179	15.9	13.9 20.9
176	18.5	15.4 23.0

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 7.982 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Instrument :

BNA_N

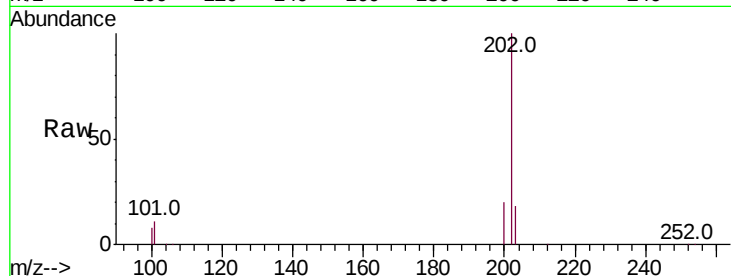
ClientSampleId :

COAL8DL

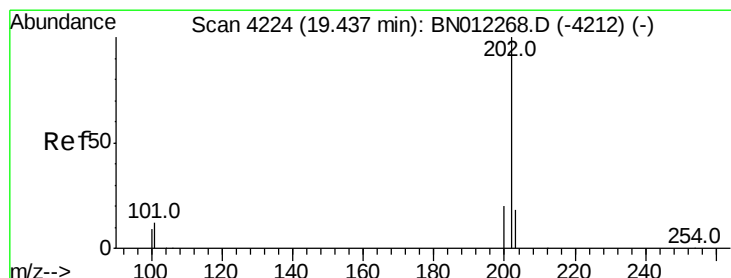
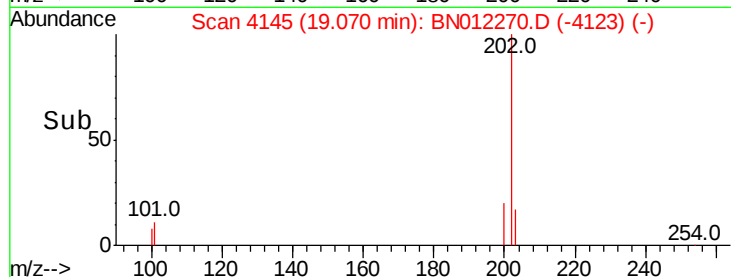
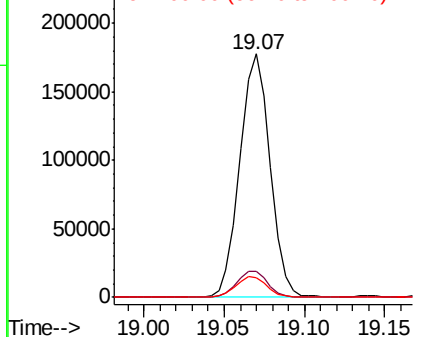
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	31.0
100	8.0	0.0	28.7

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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: 6.510 ng/ul

RT: 19.43 min Scan# 4223

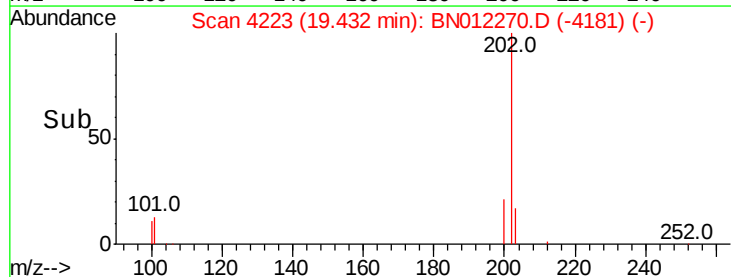
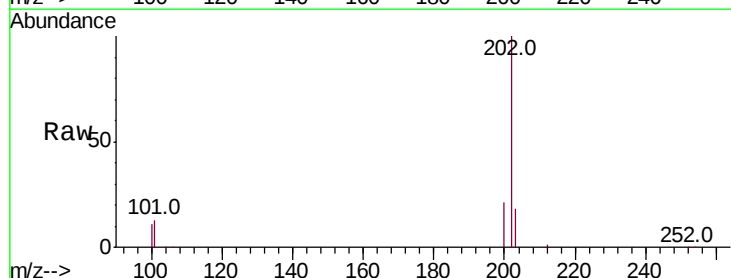
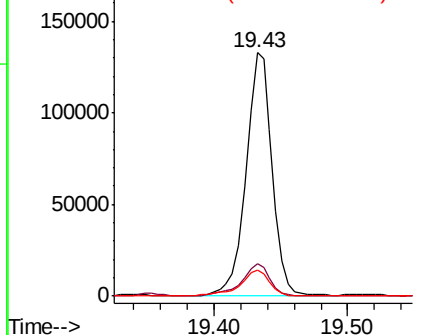
Delta R.T. -0.00 min

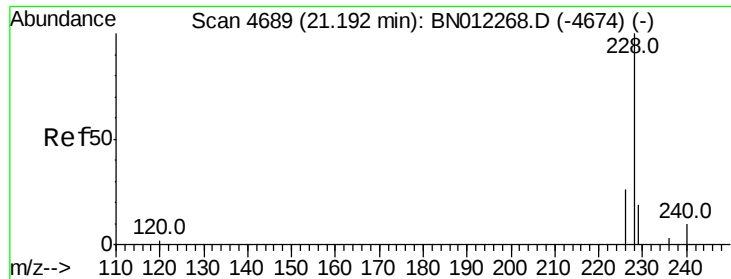
Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	9.9	14.9
100	10.9	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





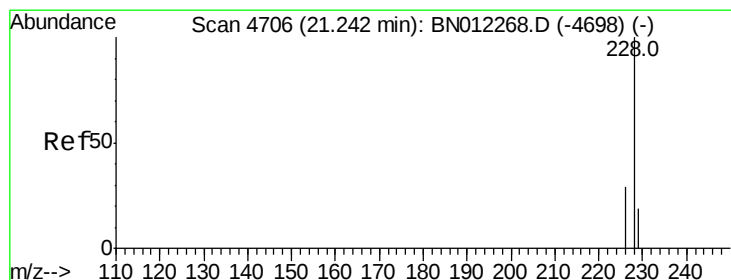
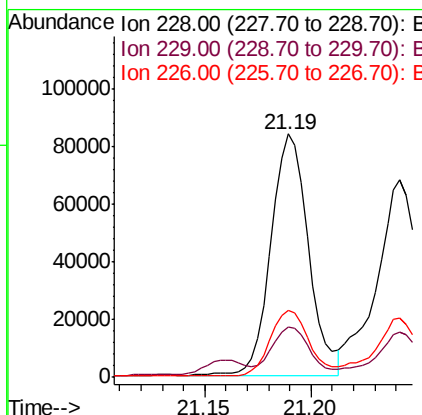
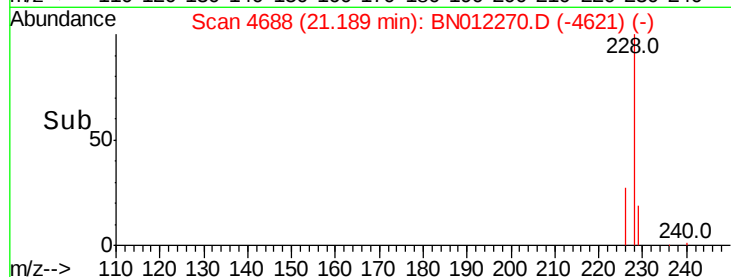
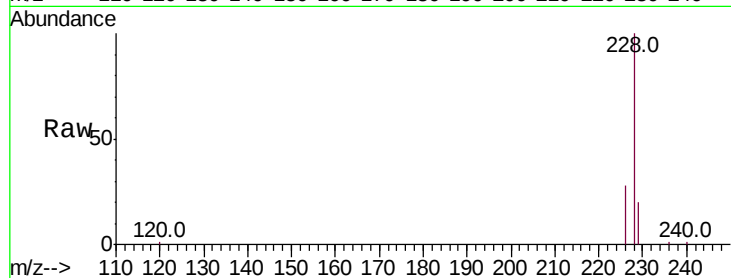
#18
Benzo(a)anthracene
Concen: 4.538 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN012270.D
Acq: 16 Oct 2020 17:02

Instrument :
BNA_N
ClientSampleId :
COAL8DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.6	22.6	33.8

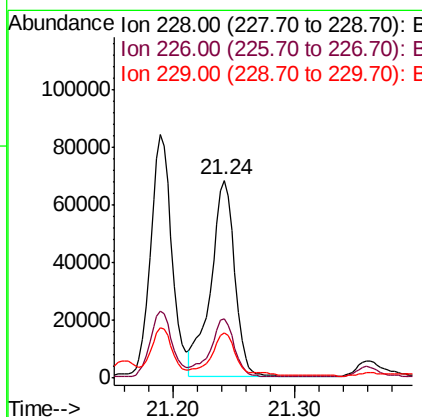
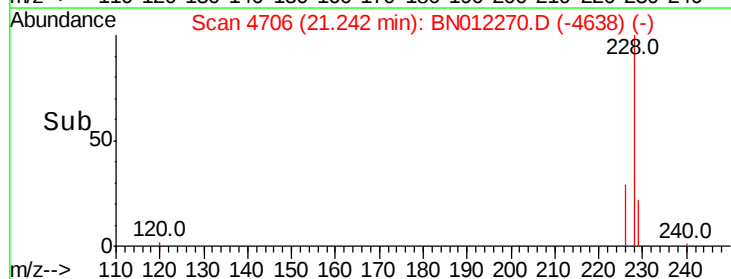
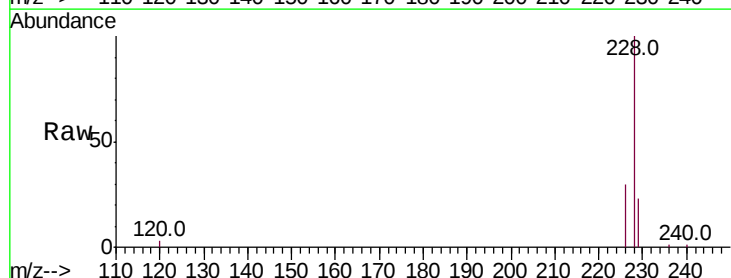
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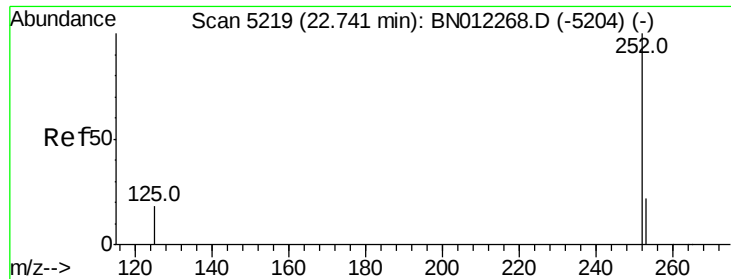
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#19
Chrysene
Concen: 3.393 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN012270.D
Acq: 16 Oct 2020 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	23.0	17.0	25.6





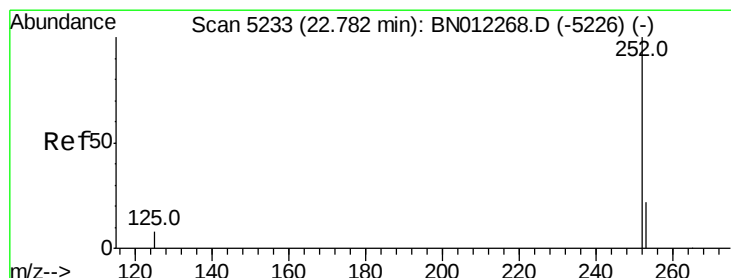
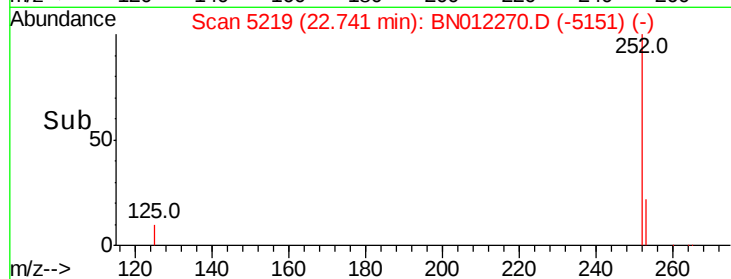
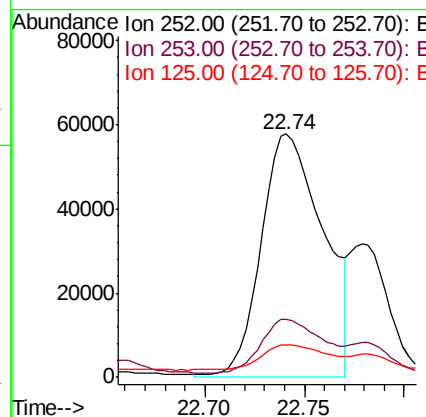
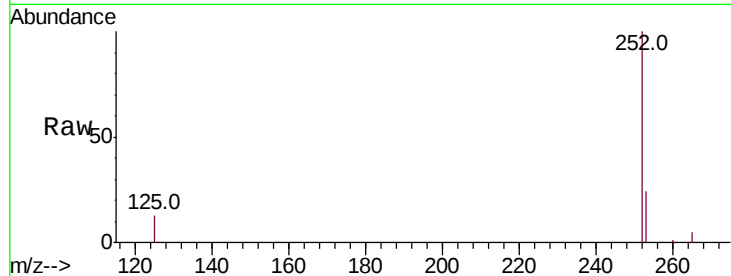
#21
Benzo(b)fluoranthene
Concen: 4.857 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.00 min
Lab File: BN012270.D
Acq: 16 Oct 2020 17:02

Instrument :
BNA_N
ClientSampleId :
C0AL8DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	0.0	61.6
125	13.4	0.0	36.8

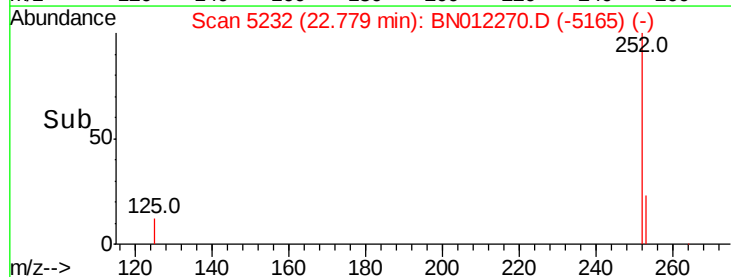
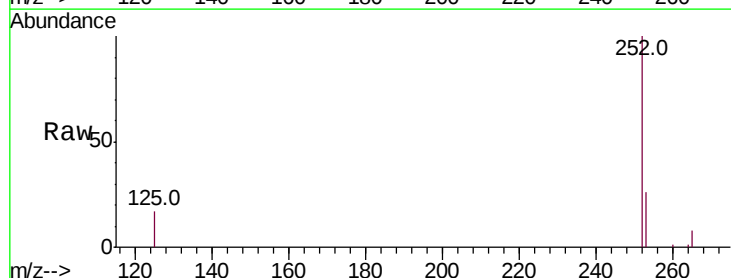
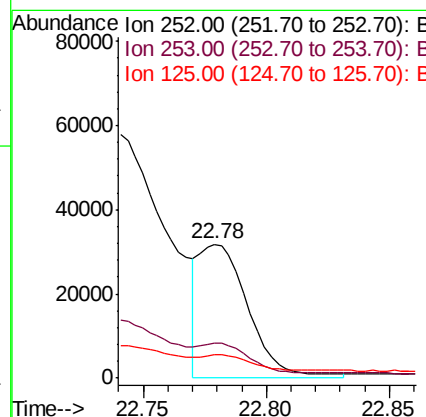
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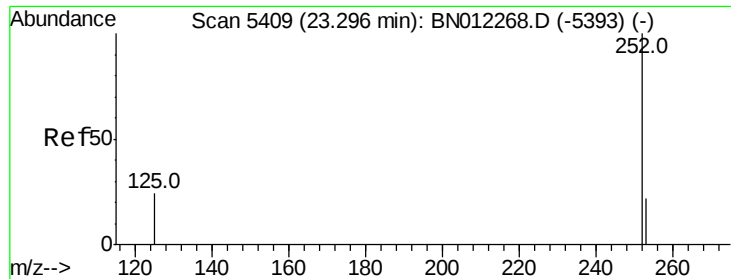
mohammad
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#22
Benzo(k)fluoranthene
Concen: 1.540 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN012270.D
Acq: 16 Oct 2020 17:02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.0	24.4	36.6
125	17.2	12.9	19.3





#23

Benzo(a)pyrene

Concen: 3.125 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Instrument :

BNA_N

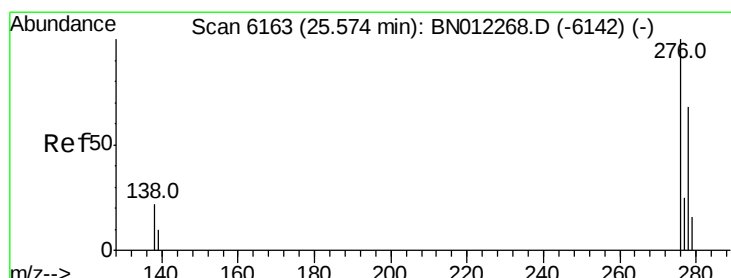
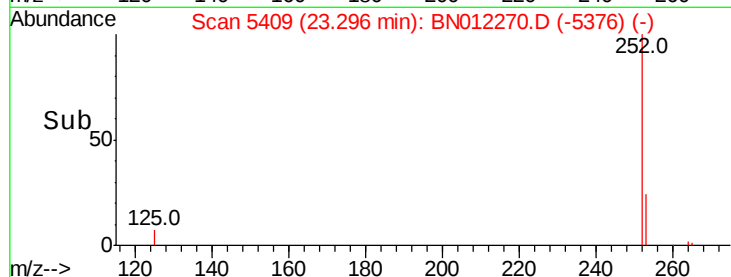
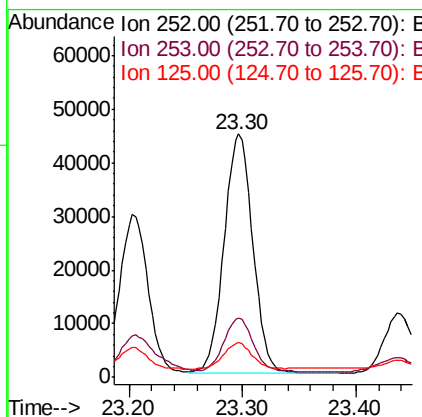
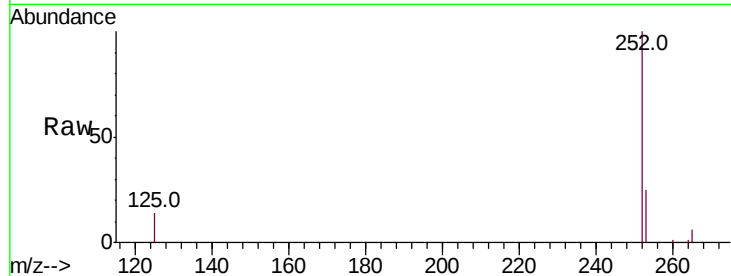
ClientSampleId :

COAL8DL

Tot Ion:	252	Resp:	78780
Ion Ratio	Lower	Upper	
252	100		
253	24.5	27.0	40.4#
125	14.2	18.8	28.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.713 ng/ul

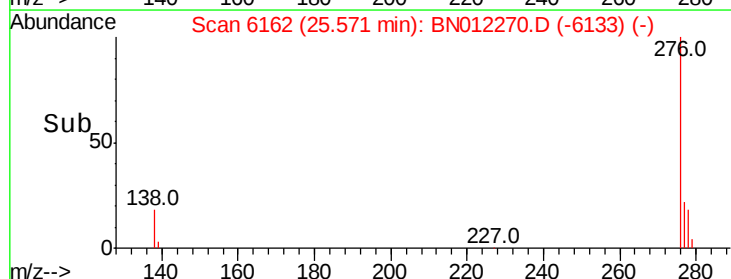
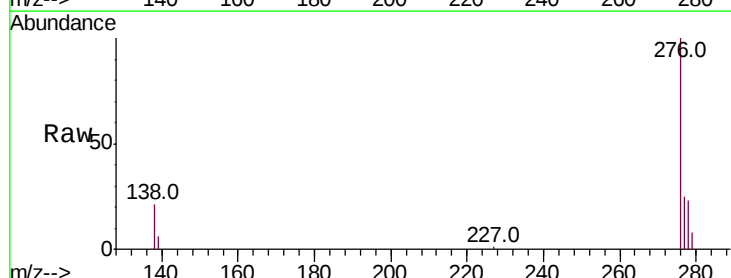
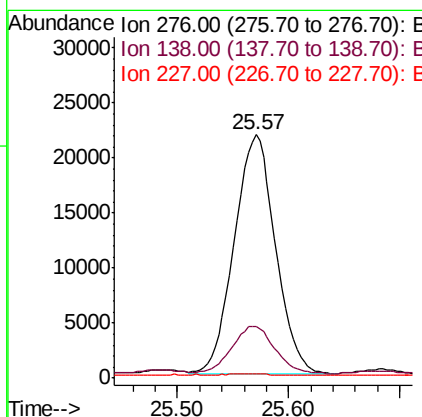
RT: 25.57 min Scan# 6162

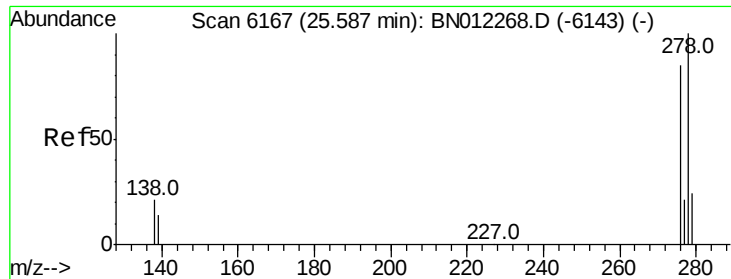
Delta R.T. -0.00 min

Lab File: BN012270.D

Acq: 16 Oct 2020 17:02

Tgt Ion:	276	Resp:	55469
Ion Ratio	Lower	Upper	
276	100		
138	20.4	0.0	0.0#
227	0.4	0.0	0.0#





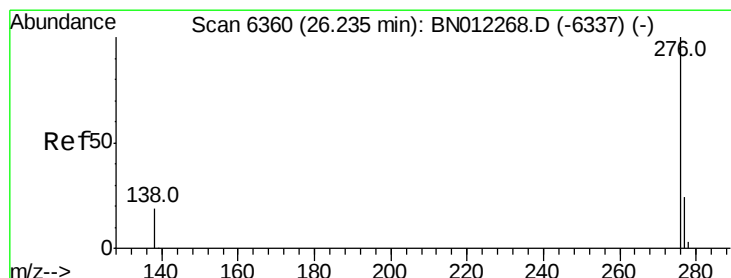
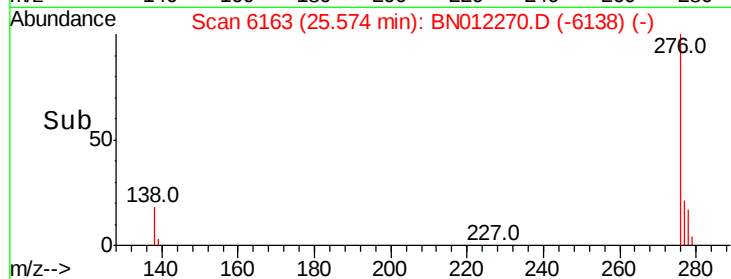
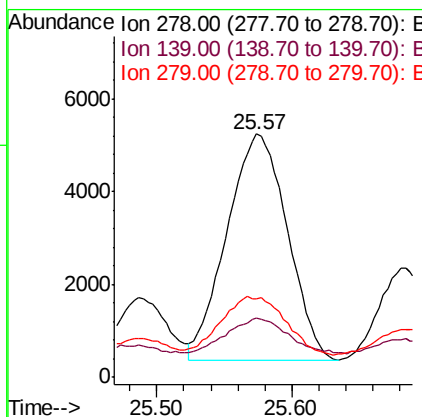
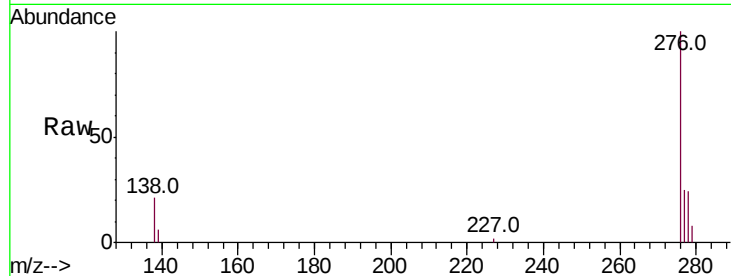
#25
Dibenzo(a,h)anthracene
Concen: 0.591 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN012270.D
Acq: 16 Oct 2020 17:02

Instrument :
BNA_N
ClientSampleId :
COAL8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.4	15.7	23.5#
279	32.5	26.0	39.0

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#26
Benzo(g,h,i)perylene
Concen: 1.512 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.00 min
Lab File: BN012270.D
Acq: 16 Oct 2020 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.1	25.7
277	24.5	21.1	31.7

