

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012271.D
 Acq On : 16 Oct 2020 17:39
 Operator : CG/JU
 Sample : L4201-03
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL4

Manual Integrations
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Quant Time: Oct 16 18:10:14 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	1703	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	6989	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4137	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8610	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6764	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7235	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1449	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3173	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	21004	1.041	ng/ul	96
5) 2-Methylnaphthalene	12.06	142	4279	0.334	ng/ul	100
7) Acenaphthylene	13.97	152	12776	0.712	ng/ul	100
8) Acenaphthene	14.32	153	9632	0.635	ng/ul	100
9) Fluorene	15.31	166	13629	0.807	ng/ul	99
11) Pentachlorophenol	16.66	266	136	0.055	ng/ul	98
12) Phenanthrene	17.04	178	233034	8.491	ng/ul	98
13) Anthracene	17.14	178	53225	2.261	ng/ul	97
15) Fluoranthene	19.07	202	417876	13.021	ng/ul	99
17) Pyrene	19.44	202	321309	10.536	ng/ul	100
18) Benzo(a)anthracene	21.19	228	198918	7.939	ng/ul	98
19) Chrysene	21.24	228	187472	6.142	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	265342m	9.080	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	102311m	3.163	ng/ul	
23) Benzo(a)pyrene	23.30	252	163296	5.744	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.57	276	130213	3.565	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	36778	1.259	ng/ul	95
26) Benzo(a,h,i)perylene	26.24	276	91399	2.730	ng/ul	98

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

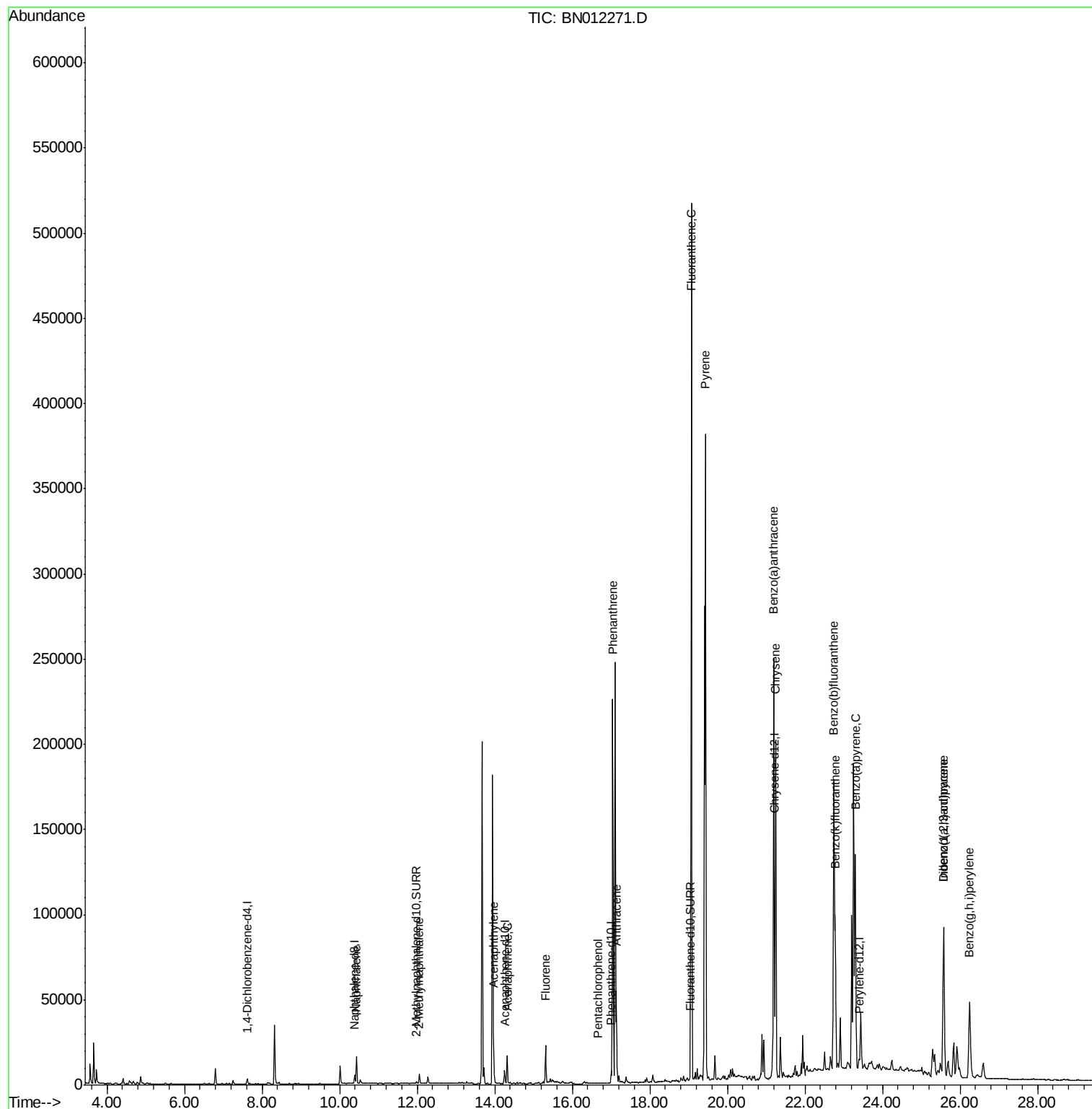
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012271.D
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ALS Vial : 83 Sample Multiplier: 1

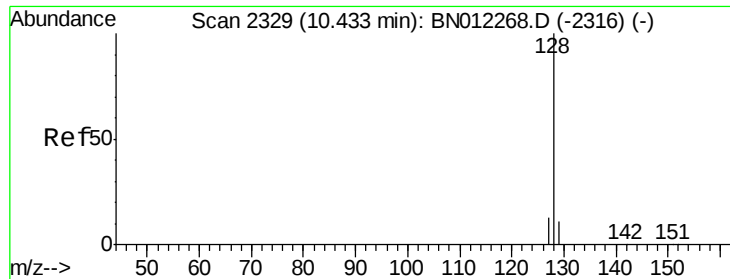
Instrument :
BNA_N
ClientSampleId :
C0AL4

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Quant Time: Oct 16 18:10:14 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: 1.041 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Instrument :

BNA_N

ClientSampleId :

C0AL4

Tot Ion:128 Resp: 21004

Ion Ratio Lower Upper

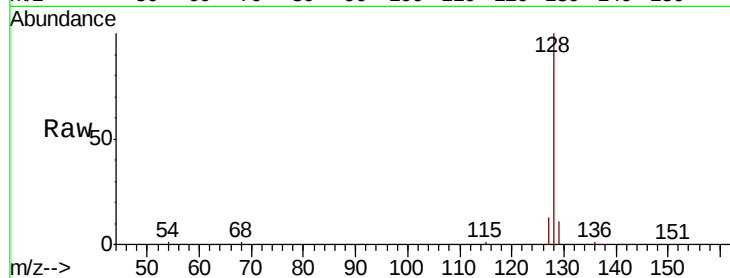
128 100

129 11.3 10.3 15.5

127 13.3 11.9 17.9

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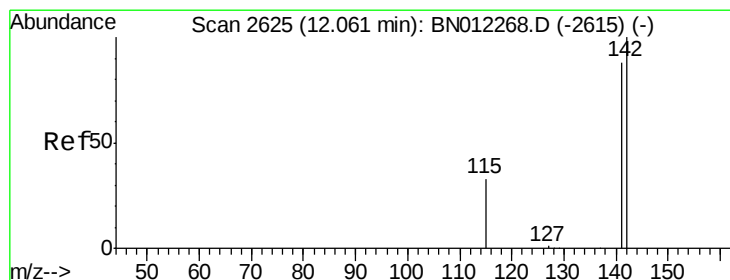
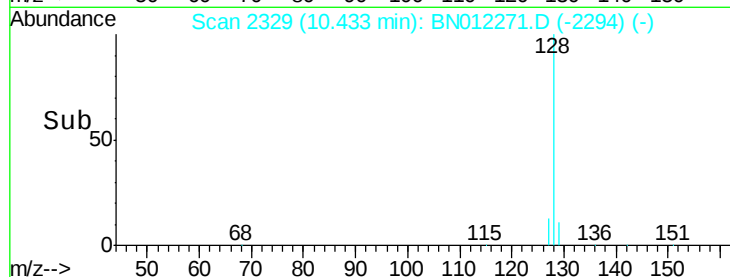
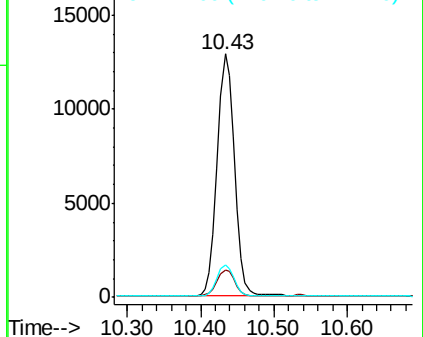
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.334 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN012271.D

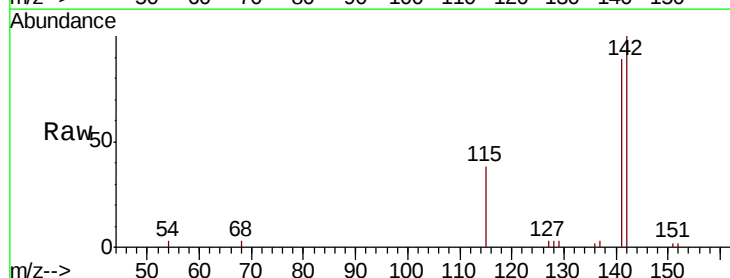
Acq: 16 Oct 2020 17:39

Tgt Ion:142 Resp: 4279

Ion Ratio Lower Upper

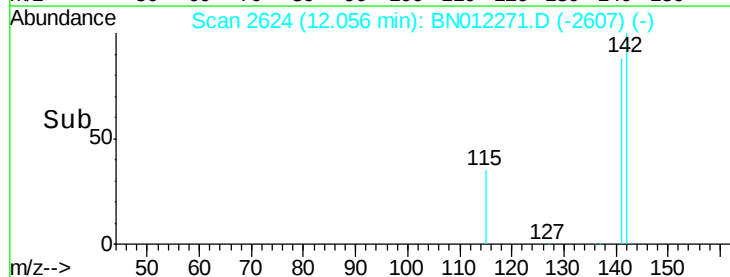
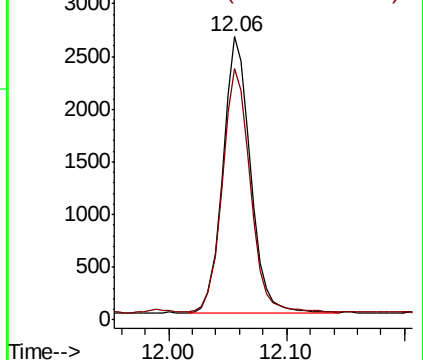
142 100

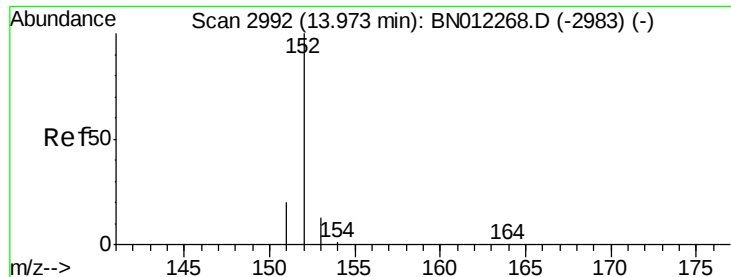
141 89.4 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.712 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Instrument :

BNA_N

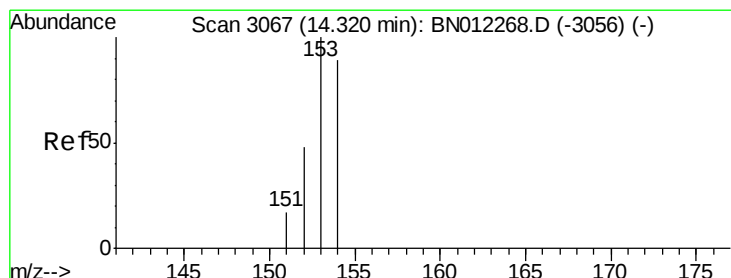
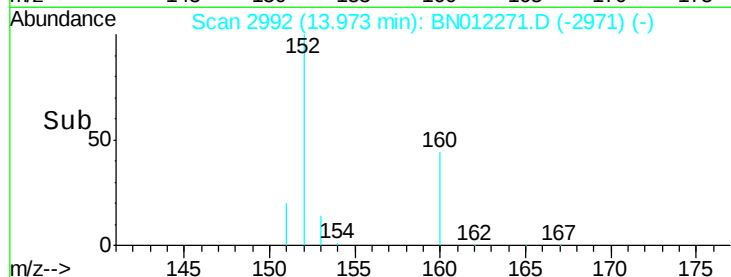
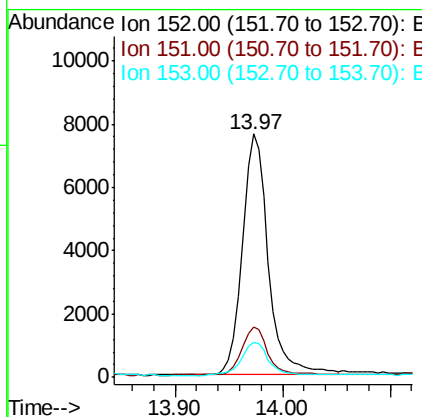
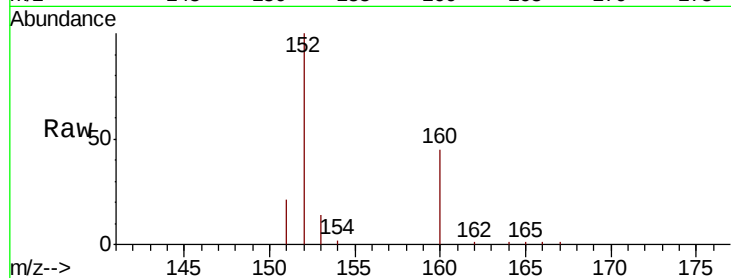
ClientSampleId :

C0AL4

Tot Ion:	152	Resp:	12776
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.7	25.1
153	14.4	11.8	17.8

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#8

Acenaphthene

Concen: 0.635 ng/ul

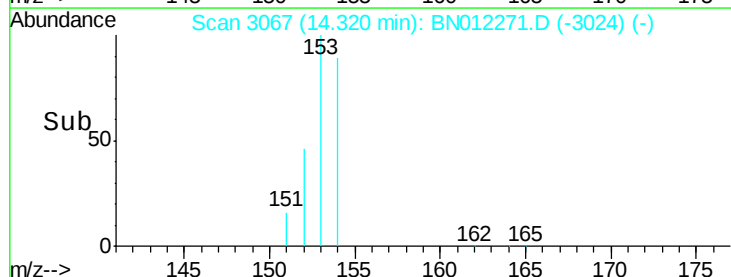
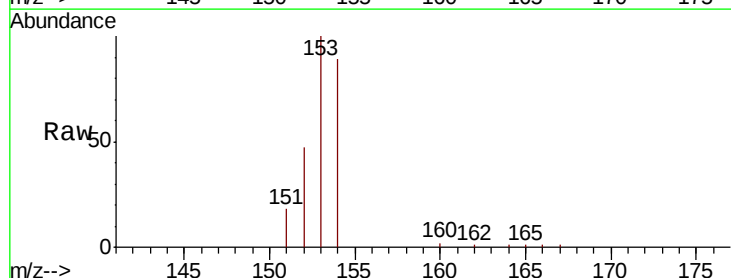
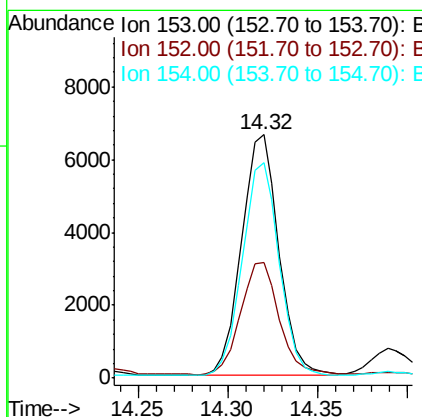
RT: 14.32 min Scan# 3067

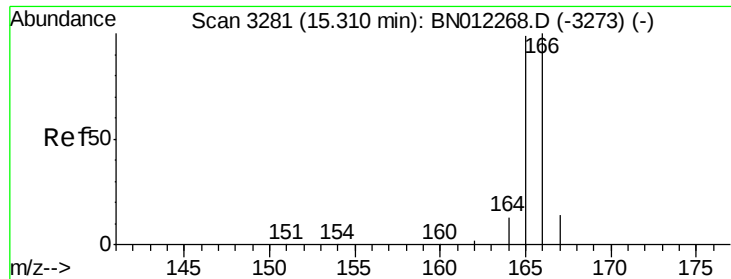
Delta R.T. -0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Tgt Ion:	153	Resp:	9632
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.2	57.2
154	88.6	71.1	106.7





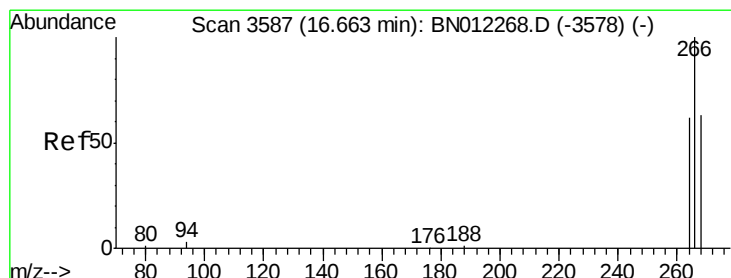
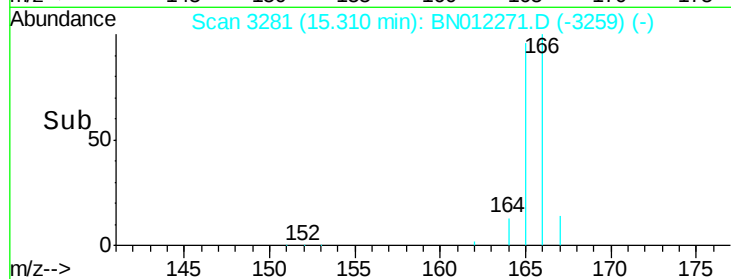
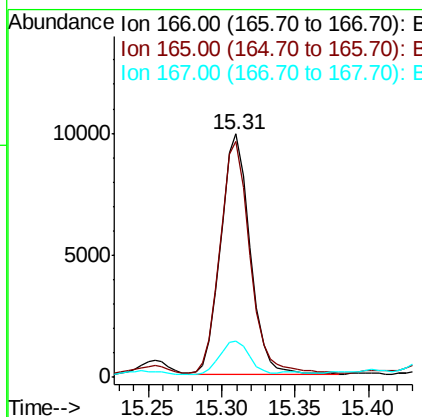
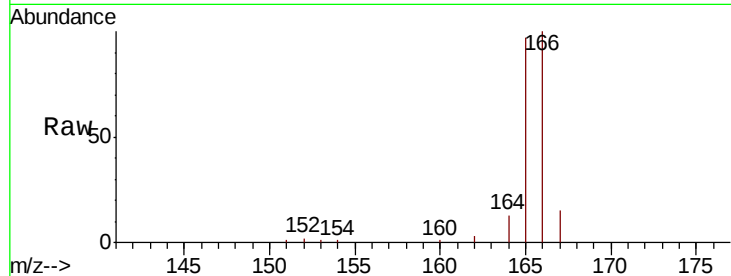
#9
Fluorene
 Concen: 0.807 ng/ul
 RT: 15.31 min Scan# 3281
 Delta R.T. -0.00 min
 Lab File: BN012271.D
 Acq: 16 Oct 2020 17:39

Instrument :
 BNA_N
 ClientSampled :
 C0AL4

Tot Ion:	166	Resp:	13629
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.6	118.0
167	14.9	11.9	17.9

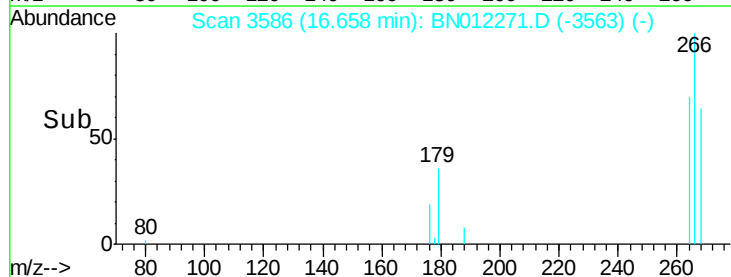
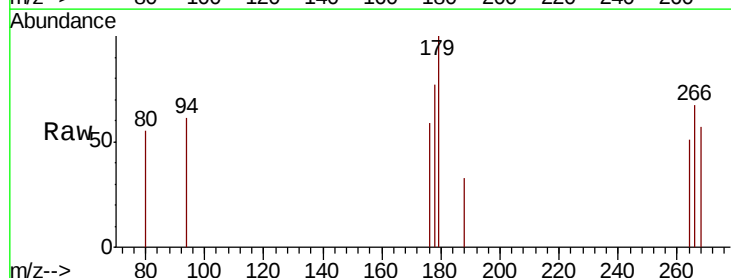
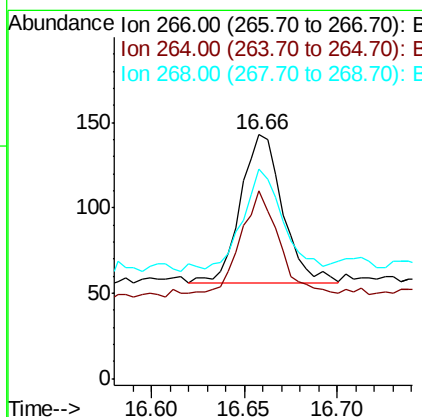
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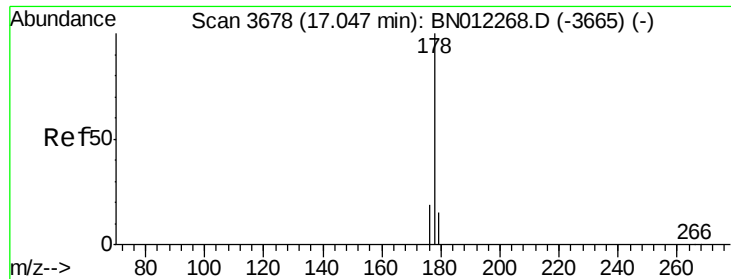
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#11
Pentachlorophenol
 Concen: 0.055 ng/ul
 RT: 16.66 min Scan# 3586
 Delta R.T. -0.00 min
 Lab File: BN012271.D
 Acq: 16 Oct 2020 17:39

Tgt Ion:	266	Resp:	136
Ion Ratio	Lower	Upper	
266	100		
264	64.7	50.3	75.5
268	64.0	52.4	78.6





#12

Phenanthrene

Concen: 8.491 ng/ul

RT: 17.04 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Instrument :

BNA_N

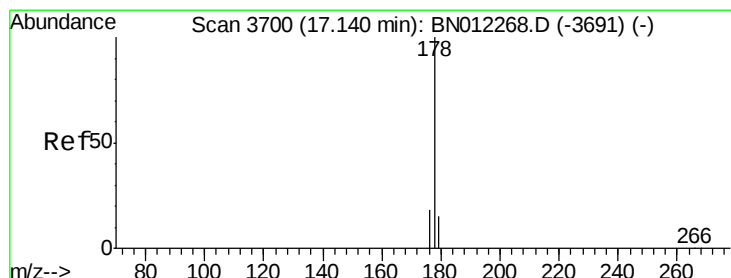
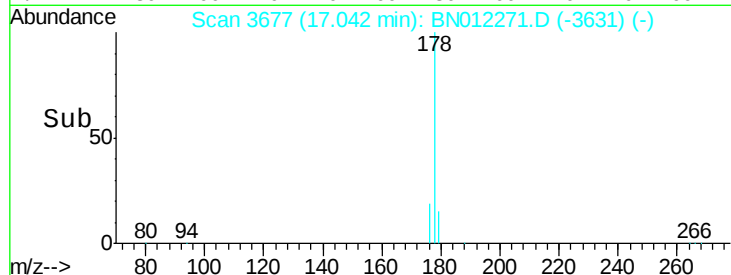
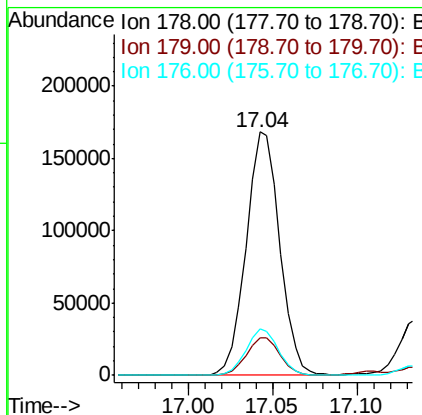
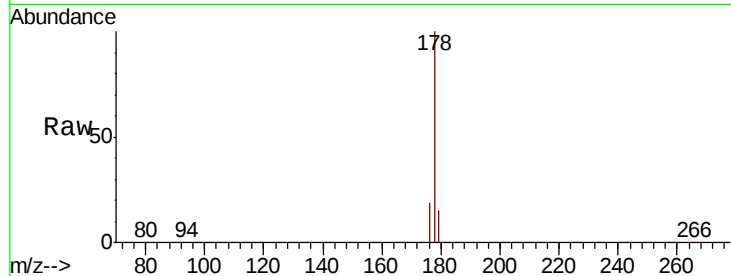
ClientSampleId :

C0AL4

Tot Ion:	178	Resp:	233034
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.4	20.2
176	18.8	15.7	23.5

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#13

Anthracene

Concen: 2.261 ng/ul

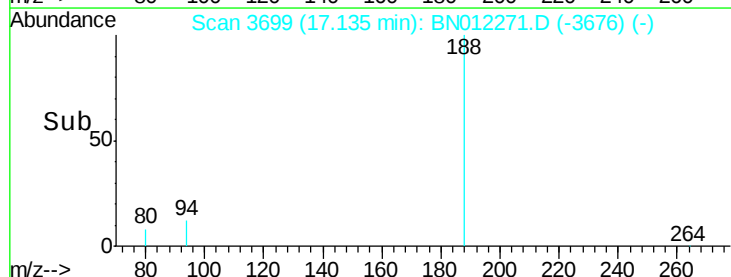
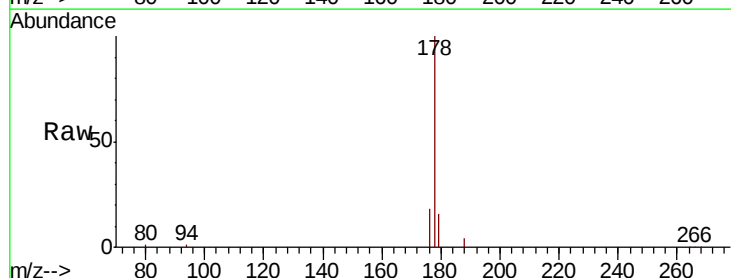
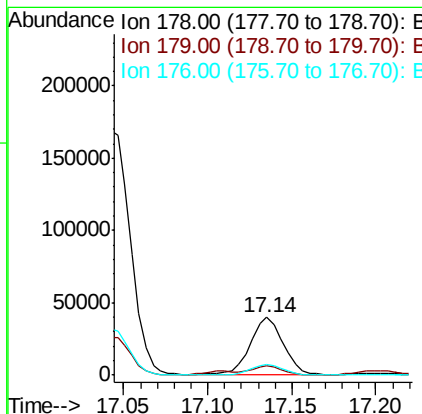
RT: 17.14 min Scan# 3699

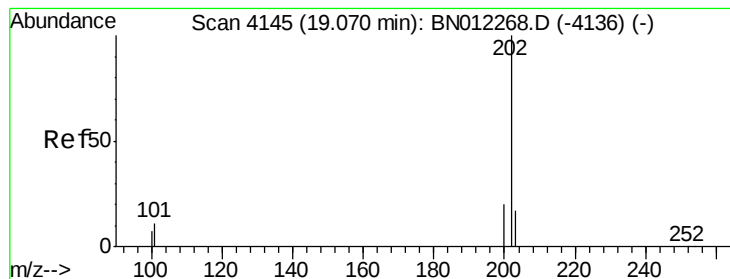
Delta R.T. -0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Tgt Ion:	178	Resp:	53225
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.9	20.9
176	18.0	15.4	23.0





#15

Fluoranthene

Concen: 13.021 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Instrument :

BNA_N

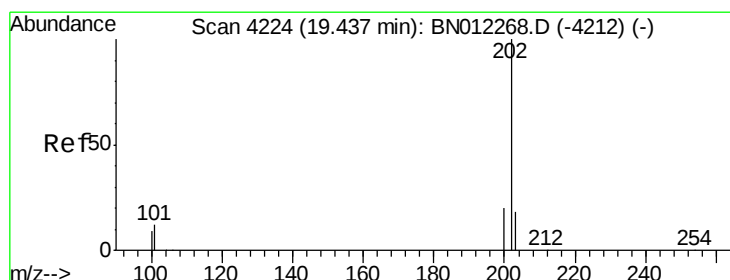
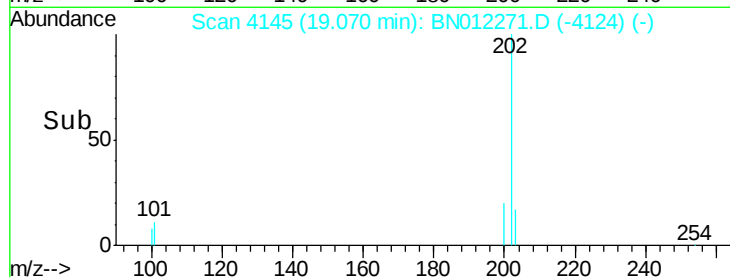
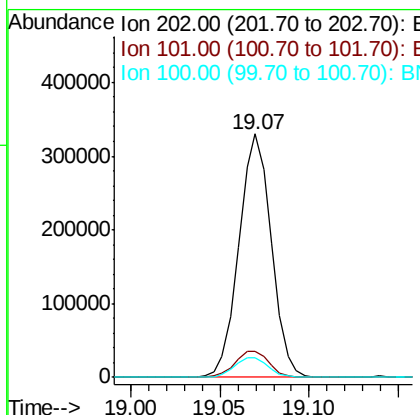
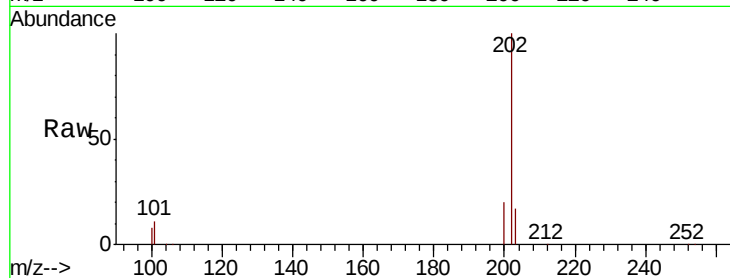
ClientSampleId :

C0AL4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		417876		
101	10.8	0.0	31.0		
100	8.2	0.0	28.7		

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#17

Pyrene

Concen: 10.536 ng/ul

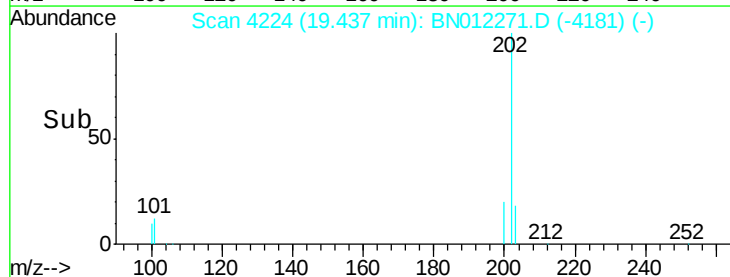
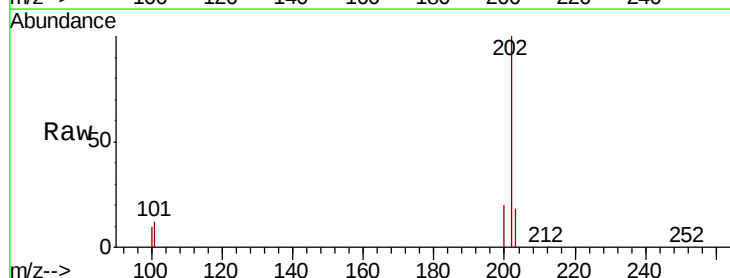
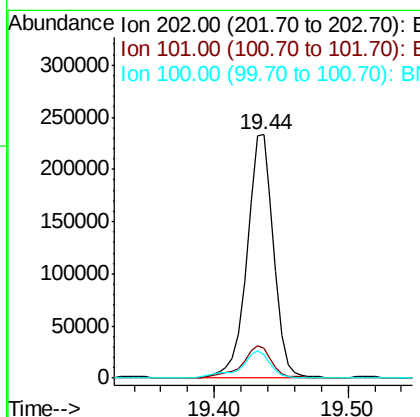
RT: 19.44 min Scan# 4224

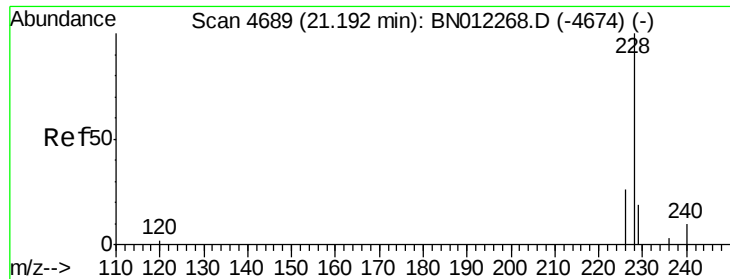
Delta R.T. -0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		321309		
101	12.3	9.9	14.9		
100	9.8	8.0	12.0		





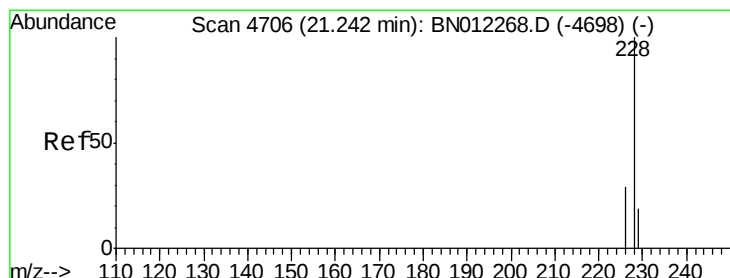
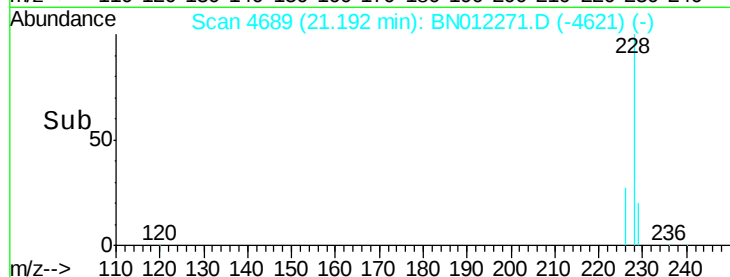
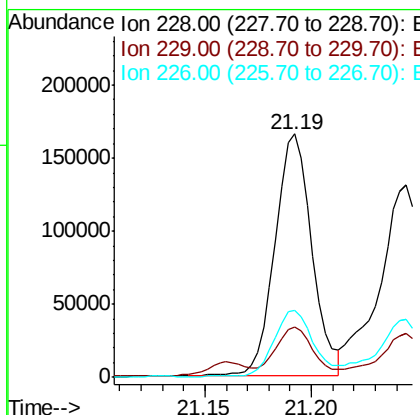
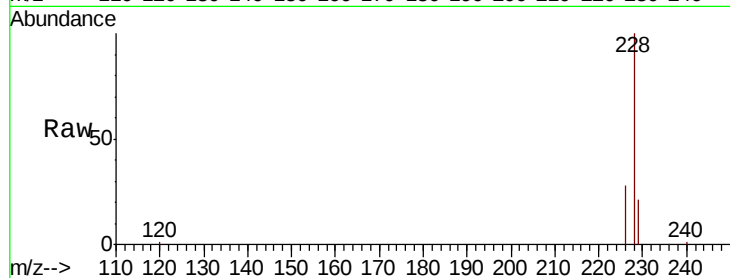
#18
Benzo(a)anthracene
Concen: 7.939 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN012271.D
Acq: 16 Oct 2020 17:39

Instrument :
BNA_N
ClientSampleId :
C0AL4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.5	22.6	33.8

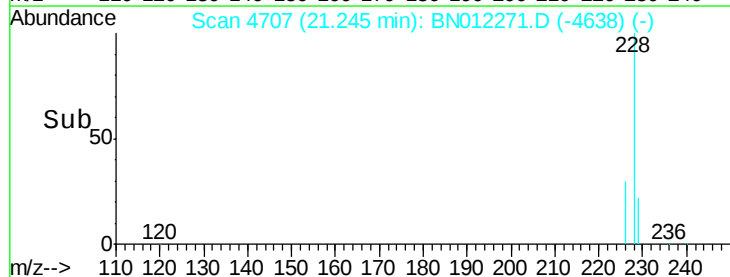
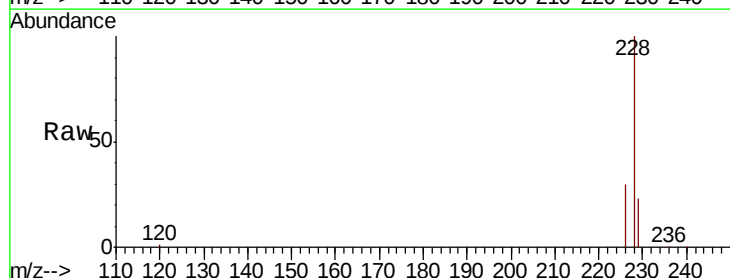
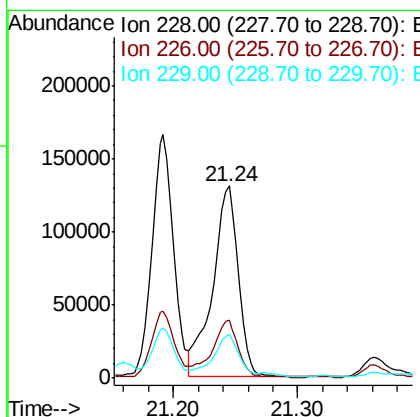
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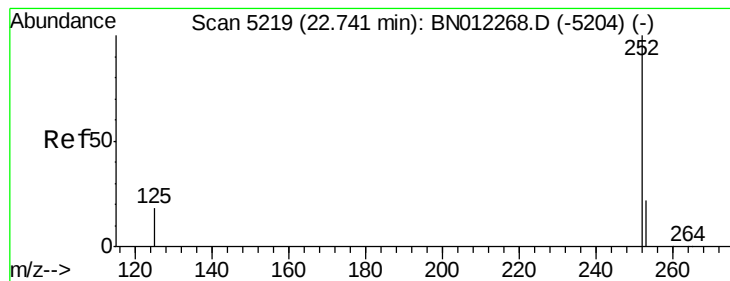
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#19
Chrysene
Concen: 6.142 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012271.D
Acq: 16 Oct 2020 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	22.6	17.0	25.6





#21

Benzo(b)fluoranthene

Concen: 9.080 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. 0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Instrument :

BNA_N

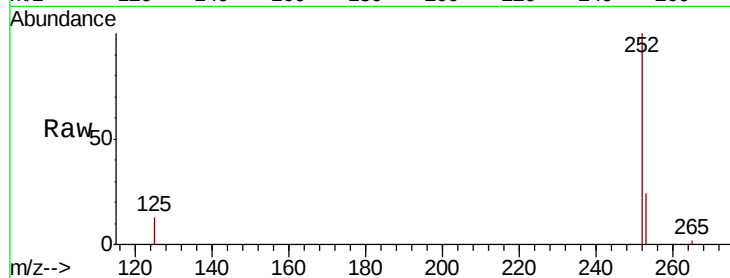
ClientSampleId :

C0AL4

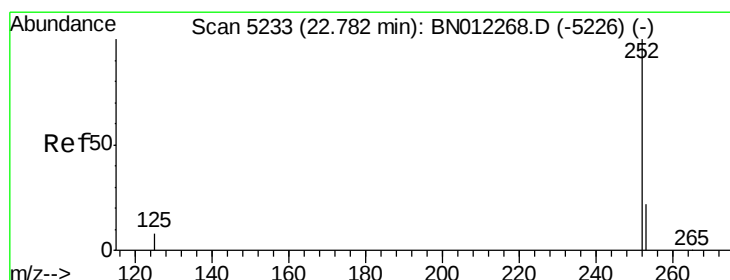
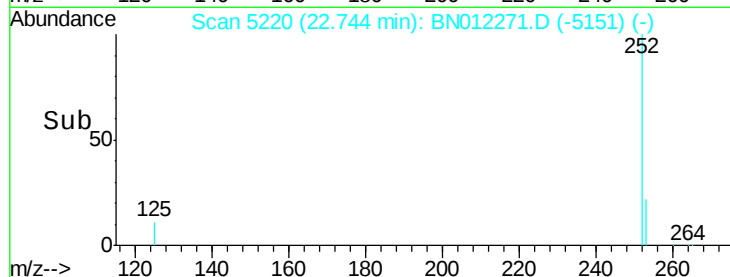
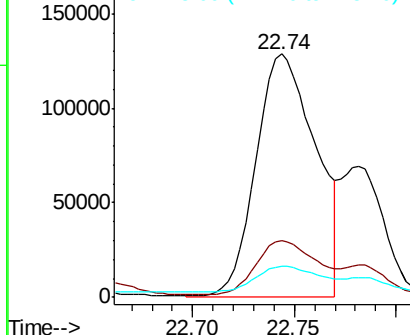
Tot Ion:	252	Resp:	265342
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	61.6
125	12.9	0.0	36.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 3.163 ng/ul m

RT: 22.78 min Scan# 5233

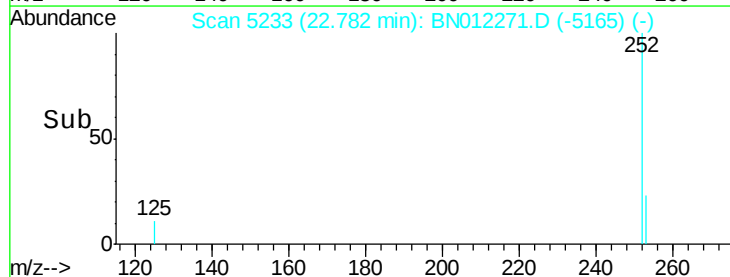
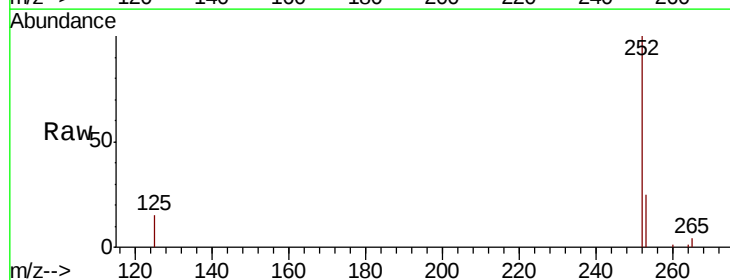
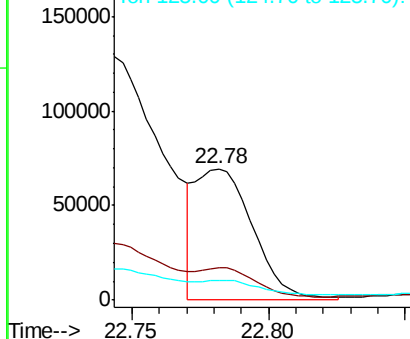
Delta R.T. -0.00 min

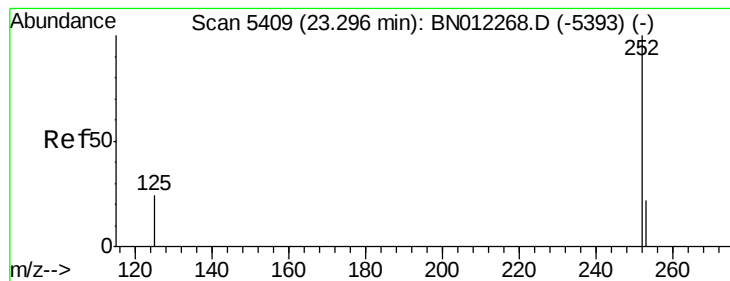
Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Tgt Ion:	252	Resp:	102311
Ion Ratio	Lower	Upper	
252	100		
253	24.6	24.4	36.6
125	15.1	12.9	19.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 5.744 ng/uL

RT: 23.30 min Scan# 5410

Delta R.T. -0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Instrument :

BNA_N

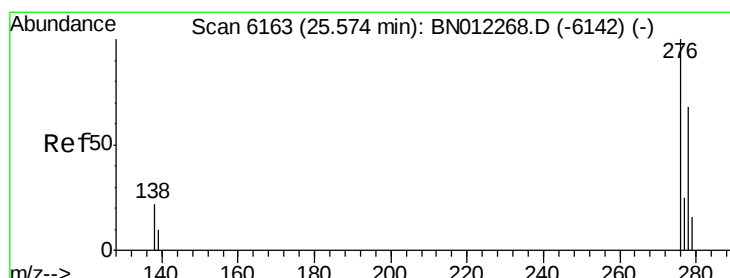
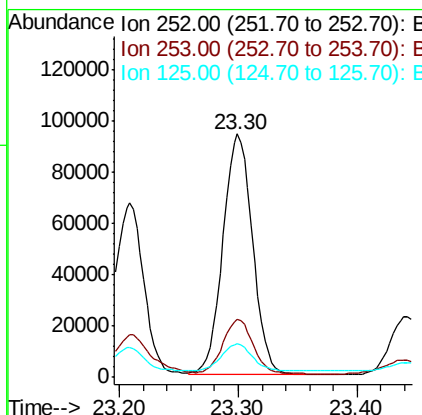
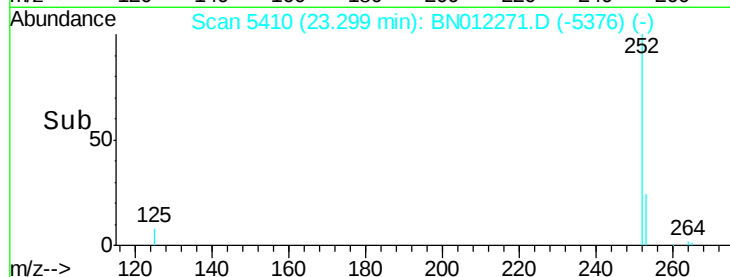
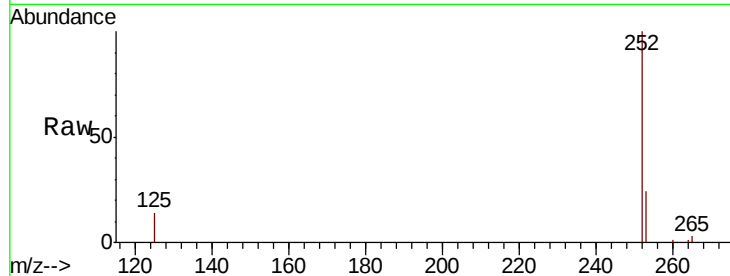
ClientSampleId :

COAL4

Tot Ion:	252	Resp:	163296
Ion Ratio	Lower	Upper	
252	100		
253	23.7	27.0	40.4#
125	13.7	18.8	28.2#

Manual Integrations
APPROVED

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.565 ng/uL

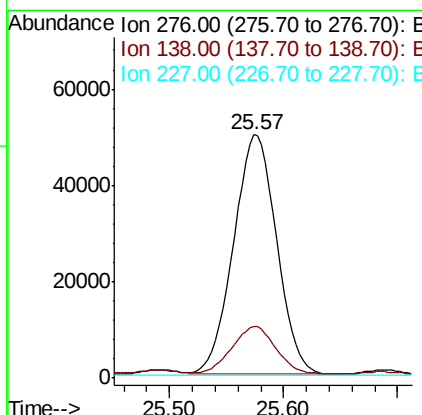
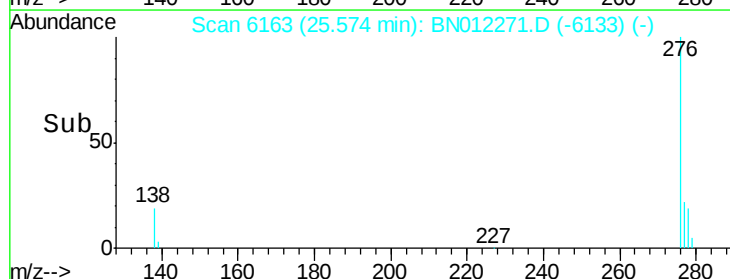
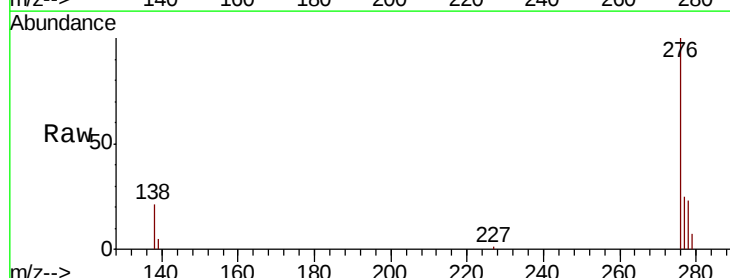
RT: 25.57 min Scan# 6163

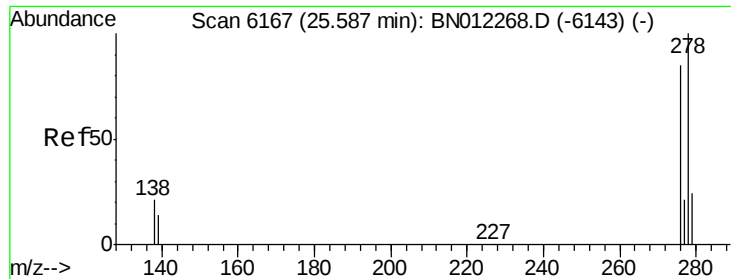
Delta R.T. -0.00 min

Lab File: BN012271.D

Acq: 16 Oct 2020 17:39

Tgt Ion:	276	Resp:	130213
Ion Ratio	Lower	Upper	
276	100		
138	20.2	0.0	0.0#
227	0.2	0.0	0.0#





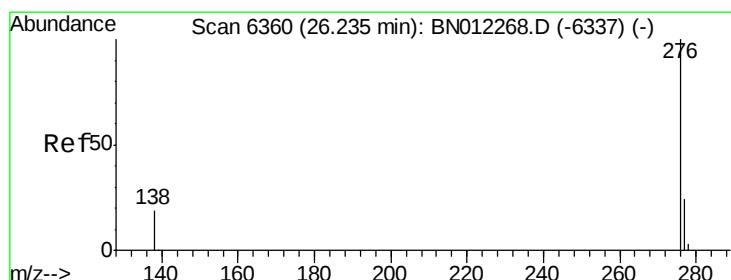
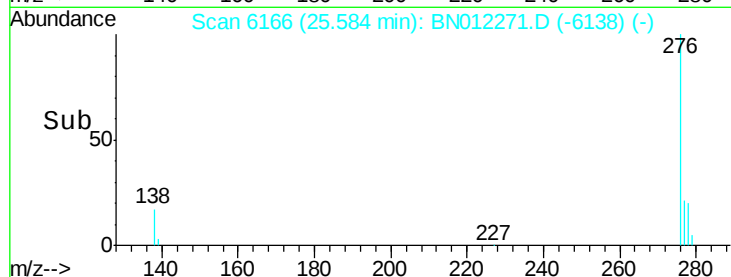
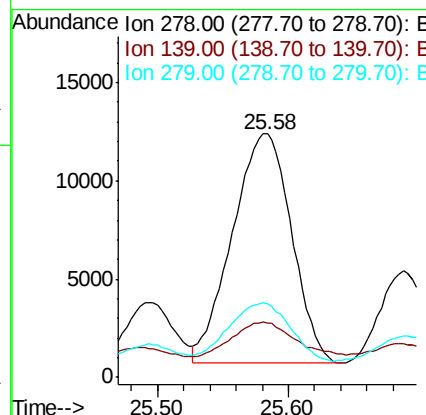
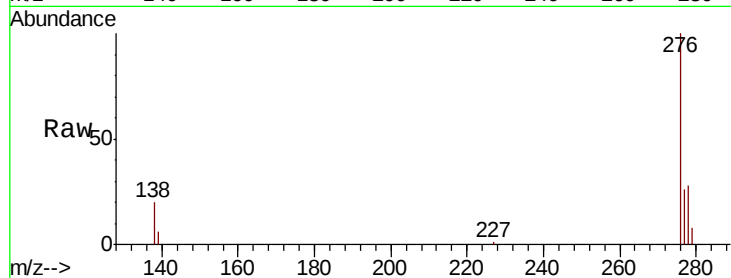
#25
Dibenzo(a,h)anthracene
Concen: 1.259 ng/uL
RT: 25.58 min Scan# 6166
Delta R.T. -0.01 min
Lab File: BN012271.D
Acq: 16 Oct 2020 17:39

Instrument :
BNA_N
ClientSampleId :
C0AL4

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.7	23.5
279	30.0	26.0	39.0

Manual Integrations
APPROVED

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



#26
Benzo(g,h,i)perylene
Concen: 2.730 ng/uL
RT: 26.24 min Scan# 6363
Delta R.T. 0.01 min
Lab File: BN012271.D
Acq: 16 Oct 2020 17:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.1	25.7
277	24.7	21.1	31.7

