

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012670.D
 Acq On : 20 Nov 2020 21:51
 Operator : CG/JU
 Sample : L4710-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BE9

Manual Integrations
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Quant Time: Nov 21 01:14:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 00:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1077	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4406	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2536	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5218	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	4547	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4413	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1342	0.21	ng/ul	-0.01
14) Fluoranthene-d10	18.89	212	2933	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.26	128	1366	0.103	ng/ul#	92
5) 2-Methylnaphthalene	11.89	142	385	0.045	ng/ul	96
7) Acenaphthylene	13.82	152	3044	0.246	ng/ul	99
8) Acenaphthene	14.16	153	1006	0.097	ng/ul	99
9) Fluorene	15.16	166	1505	0.131	ng/ul#	98
12) Phenanthrene	16.89	178	68903	3.795	ng/ul	96
13) Anthracene	16.98	178	11583	0.734	ng/ul	96
15) Fluoranthene	18.92	202	371234	17.710	ng/ul	99
17) Pyrene	19.29	202	310769	15.280	ng/ul	97
18) Benzo(a)anthracene	21.05	228	200543	12.308	ng/ul	99
19) Chrysene	21.10	228	256760	12.615	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	376378m	18.540	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	122177m	5.219	ng/ul	
23) Benzo(a)pyrene	23.09	252	234515	12.274	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.27	276	182568	7.307	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.27	278	44683	2.226	ng/ul	94
26) Benzo(a,h,i)perylene	25.90	276	174838	7.775	ng/ul	96

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

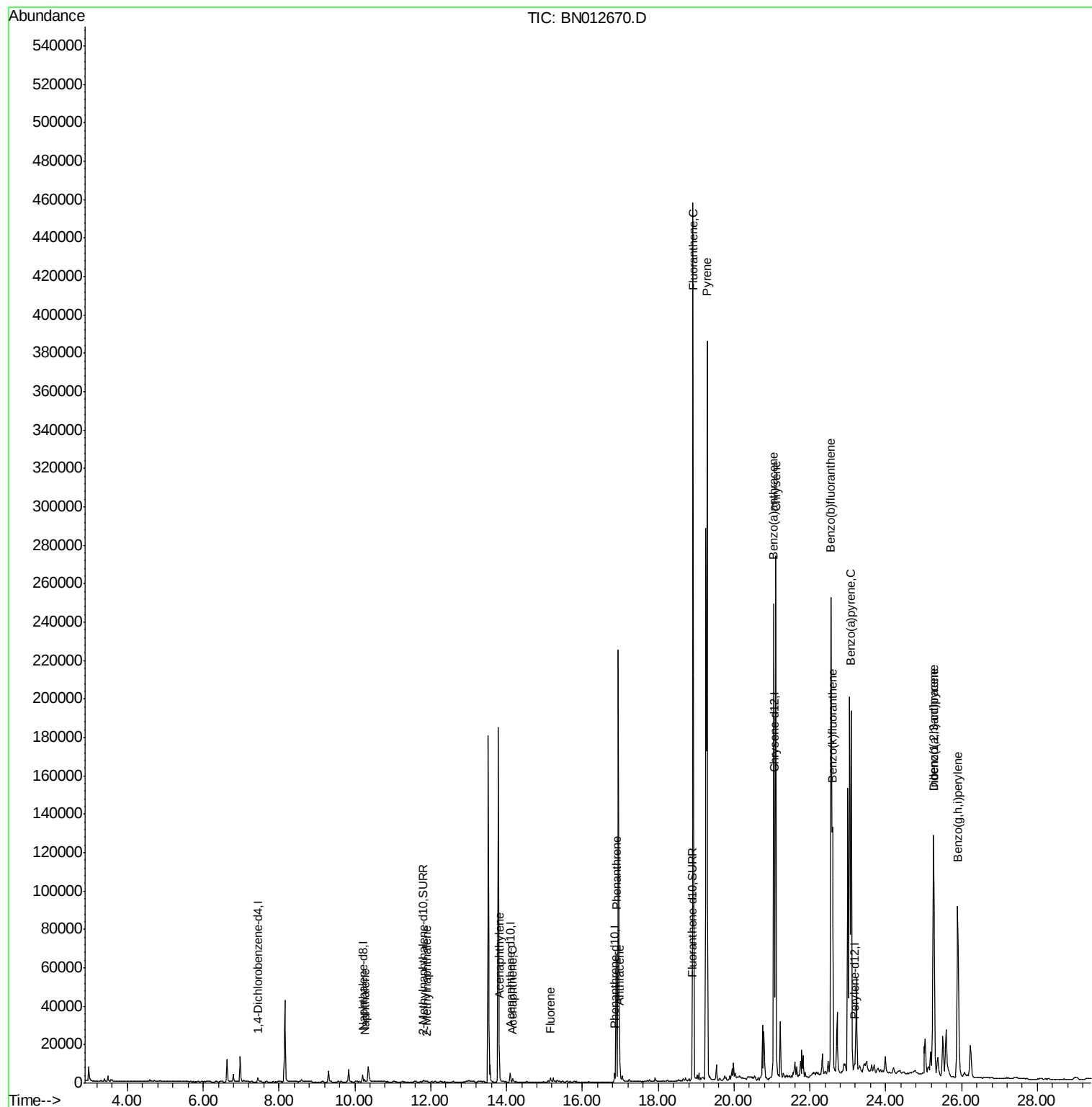
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012670.D
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ALS Vial : 17 Sample Multiplier: 1

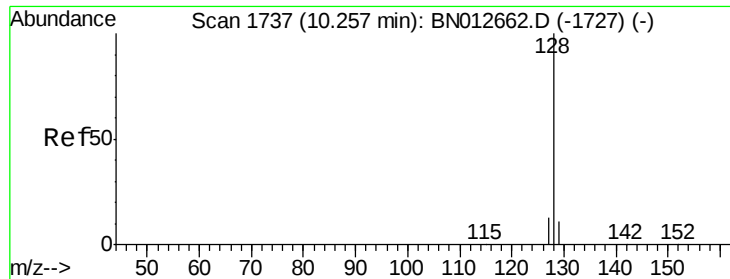
Instrument :
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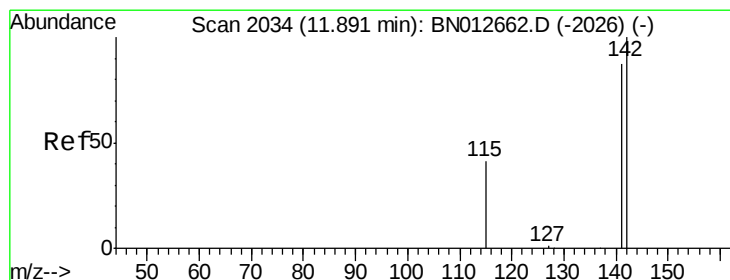
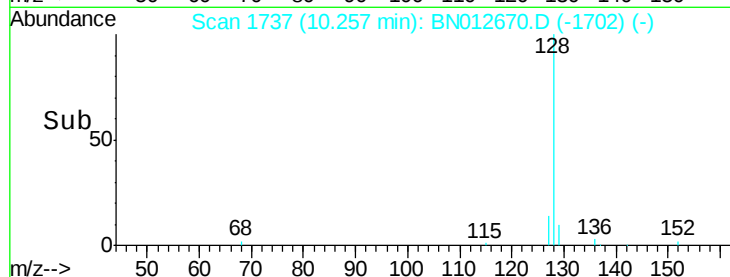
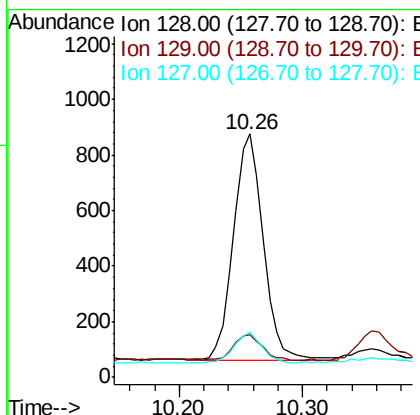
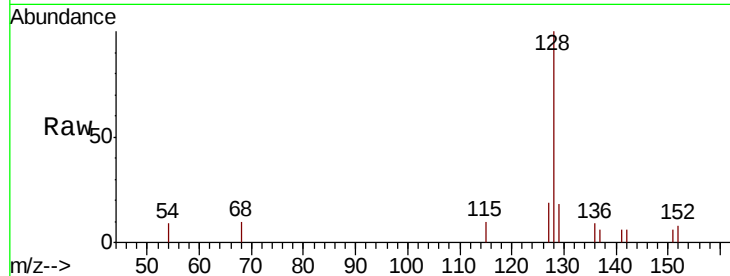
#3
Naphthalene
Concen: 0.103 ng/ul
RT: 10.26 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BN012670.D
Acq: 20 Nov 2020 21:51

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	17.6	11.2	16.8#
127	18.7	12.5	18.7#

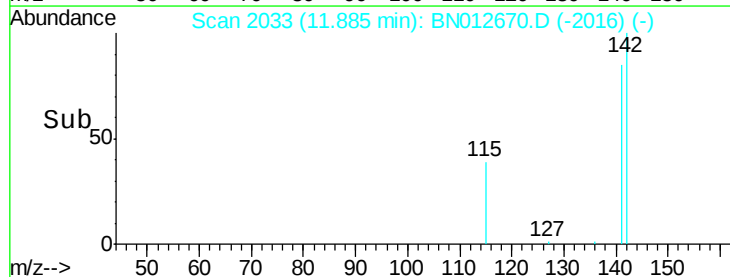
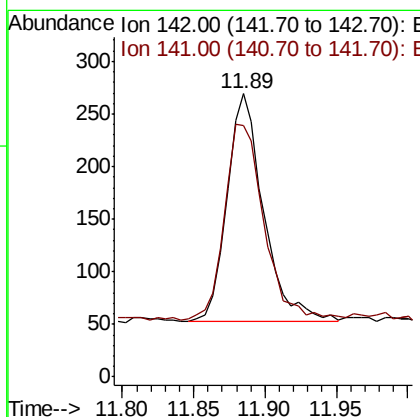
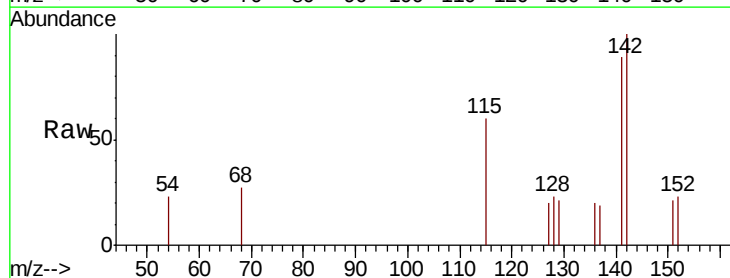
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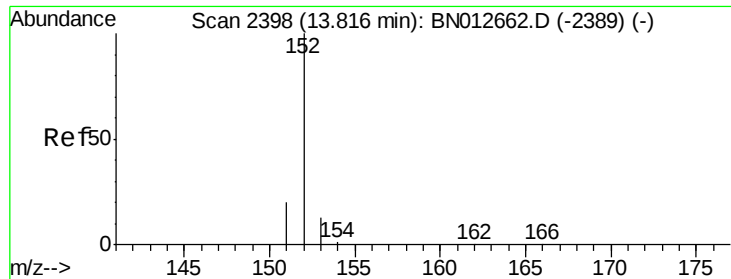
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#5
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 11.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BN012670.D
Acq: 20 Nov 2020 21:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.3	108.5





#7

Acenaphthylene

Concen: 0.246 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Instrument :

BNA_N

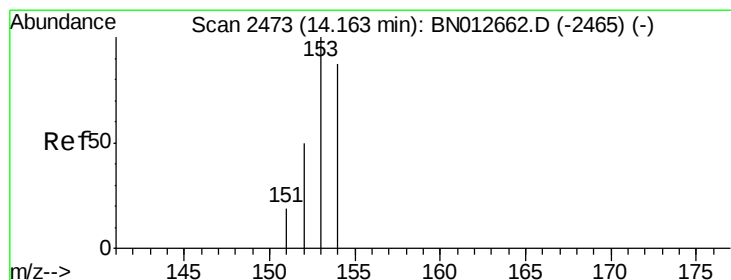
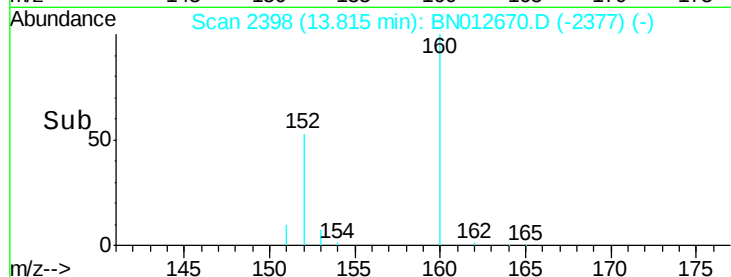
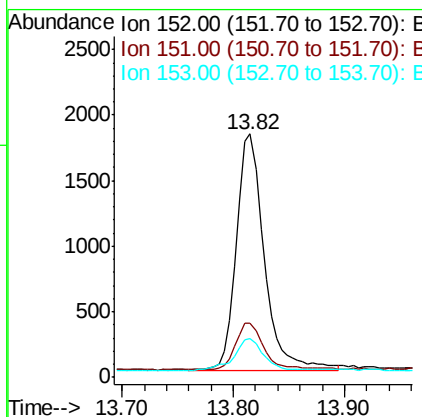
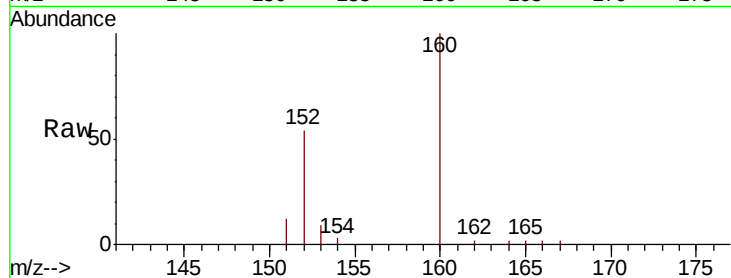
ClientSampled :

C0BE9

Tot Ion:	152	Resp:	3044
Ion Ratio	Lower	Upper	
152	100		
151	22.4	17.1	25.7
153	15.9	12.6	19.0

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#8

Acenaphthene

Concen: 0.097 ng/ul

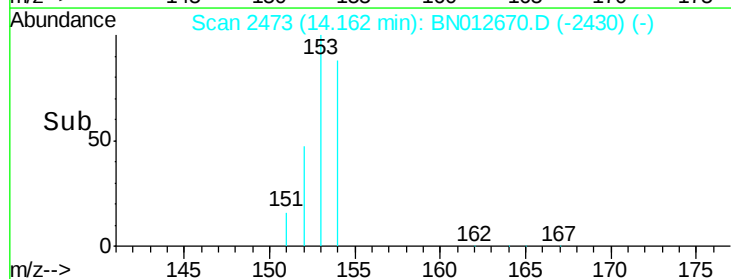
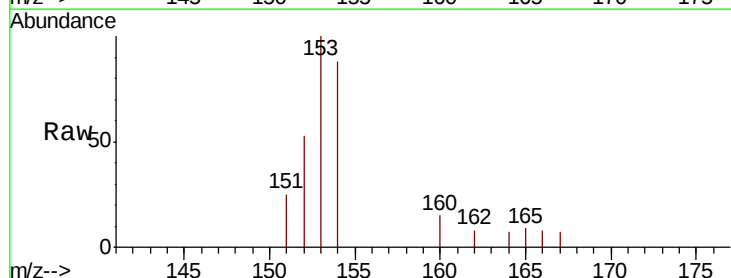
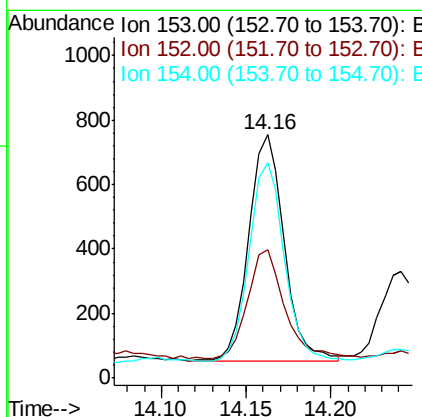
RT: 14.16 min Scan# 2473

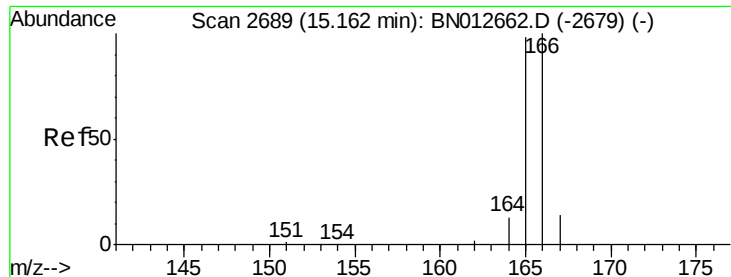
Delta R.T. -0.00 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Tgt Ion:	153	Resp:	1006
Ion Ratio	Lower	Upper	
153	100		
152	52.8	41.4	62.0
154	88.5	70.9	106.3





#9

Fluorene

Concen: 0.131 ng/ul

RT: 15.16 min Scan# 2688

Delta R.T. -0.00 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Instrument :

BNA_N

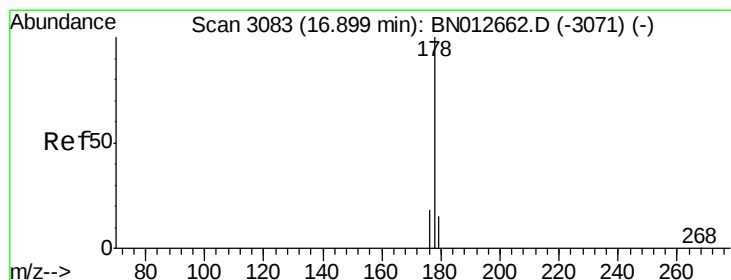
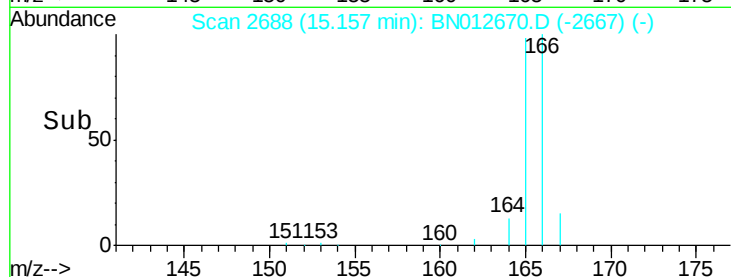
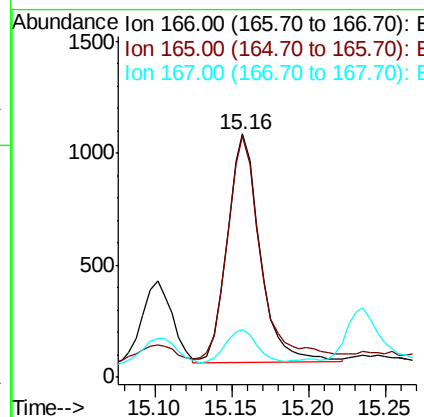
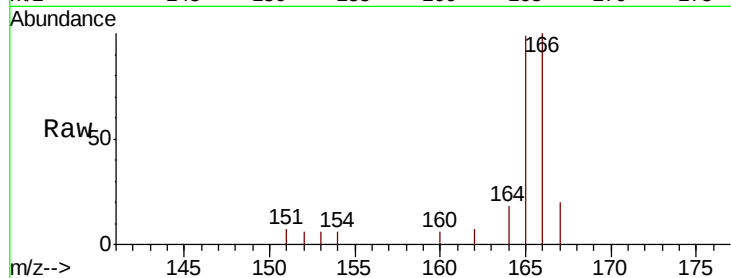
ClientSampleId :

C0BE9

Tot Ion:	166	Resp:	1505
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.5	117.7
167	19.6	12.7	19.1#

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#12

Phenanthrene

Concen: 3.795 ng/ul

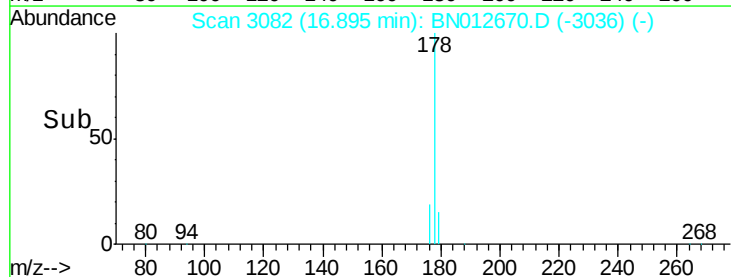
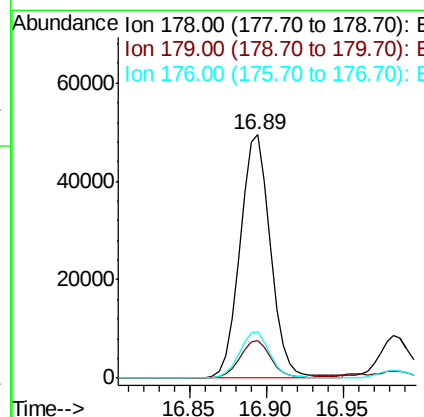
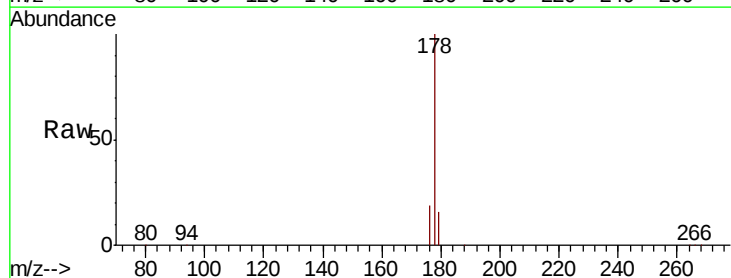
RT: 16.89 min Scan# 3082

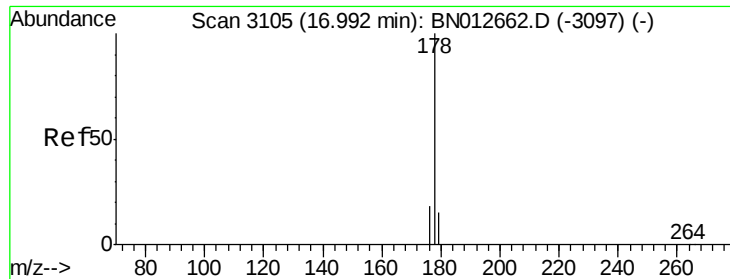
Delta R.T. -0.00 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Tgt Ion:	178	Resp:	68903
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.8	20.6
176	18.9	16.7	25.1





#13

Anthracene

Concen: 0.734 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Instrument :

BNA_N

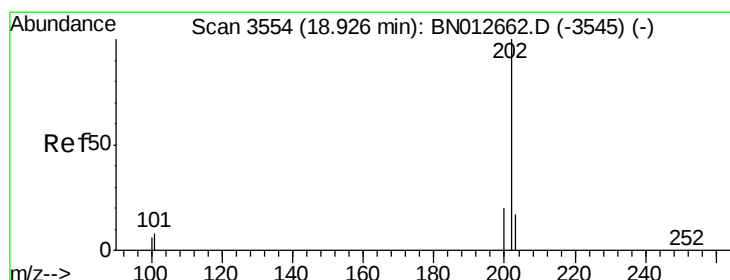
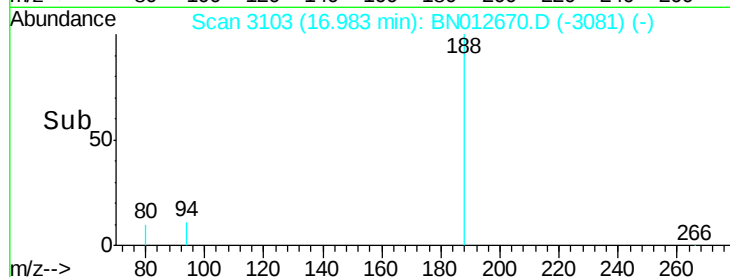
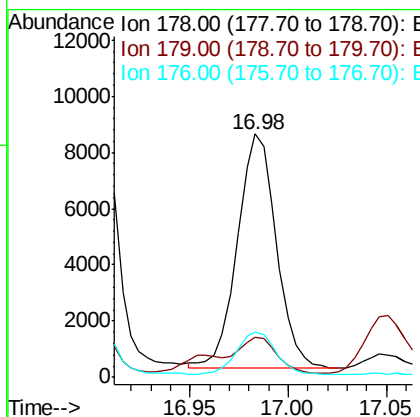
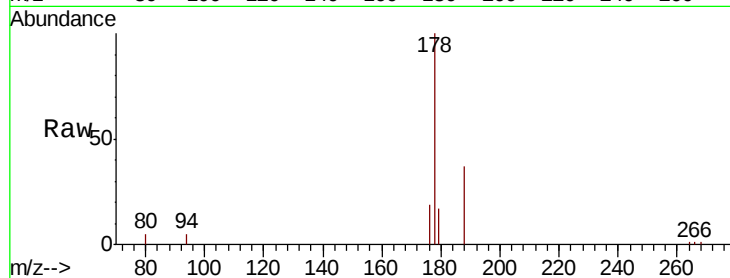
ClientSampled :

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Tot Ion:	178	Resp:	11583
Ion Ratio	Lower	Upper	
178	100		
179	16.7	14.8	22.2
176	18.7	16.3	24.5

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#15

Fluoranthene

Concen: 17.710 ng/ul

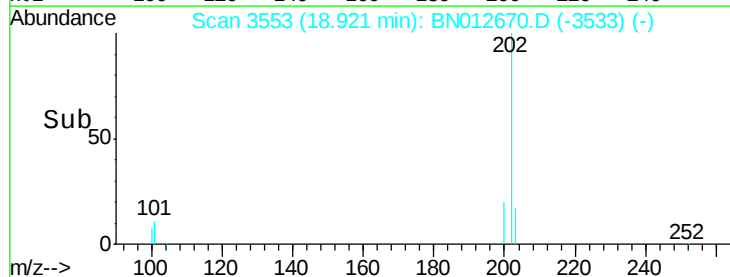
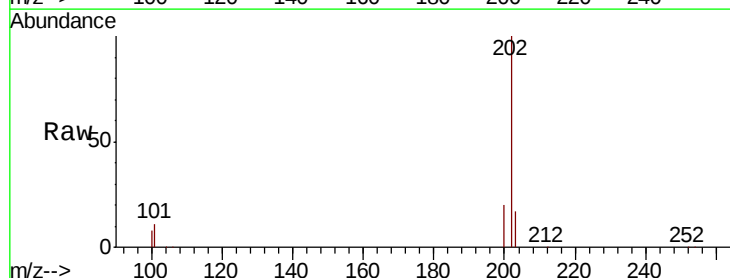
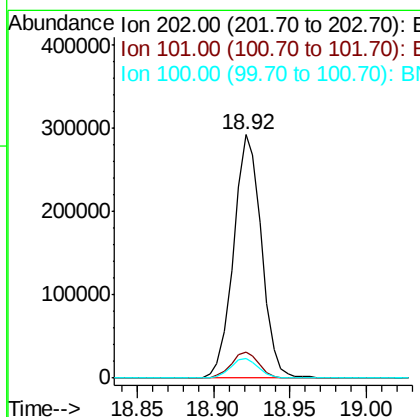
RT: 18.92 min Scan# 3553

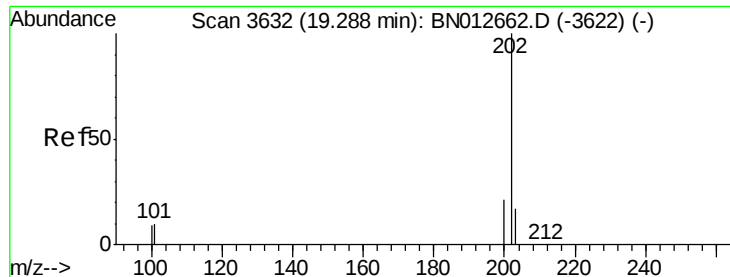
Delta R.T. -0.00 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Tgt Ion:	202	Resp:	371234
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.5
100	8.3	0.0	28.4





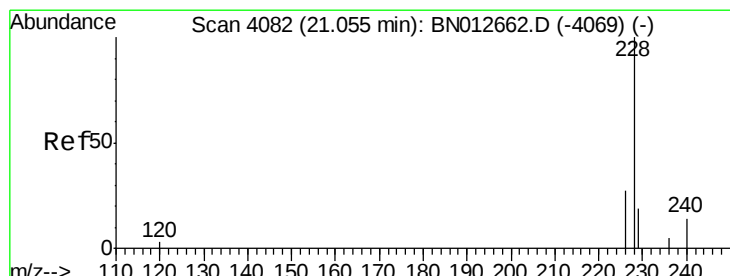
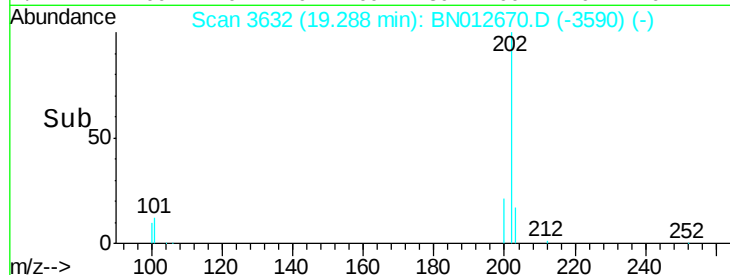
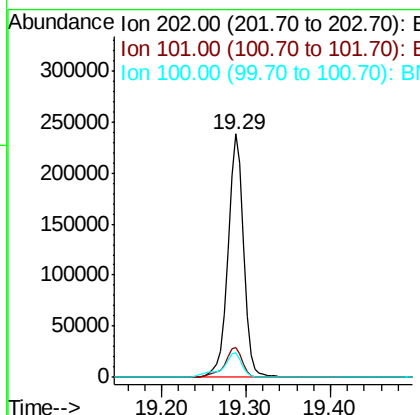
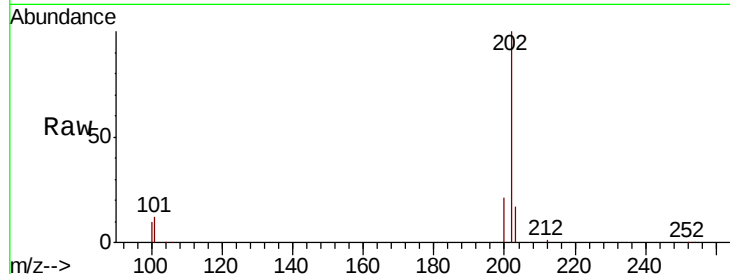
#17
Pvrene
Concen: 15.280 ng/ul
RT: 19.29 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BN012670.D
Acq: 20 Nov 2020 21:51

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	8.9	13.3
100	10.1	7.4	11.2

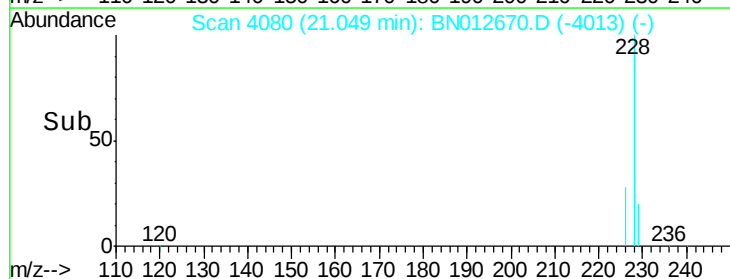
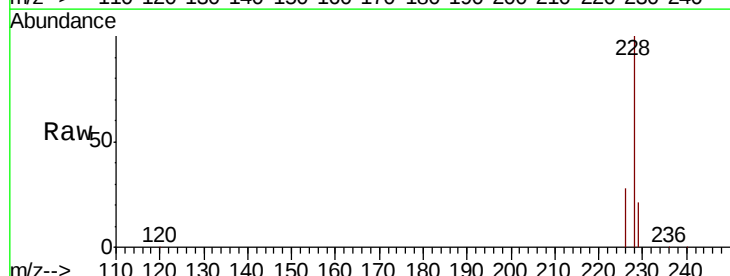
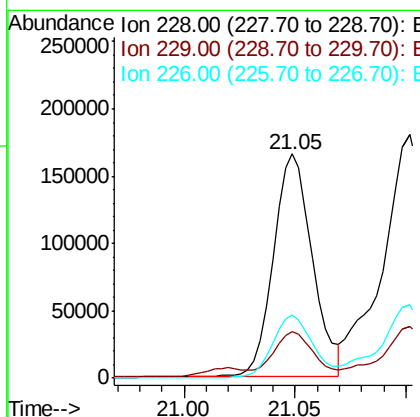
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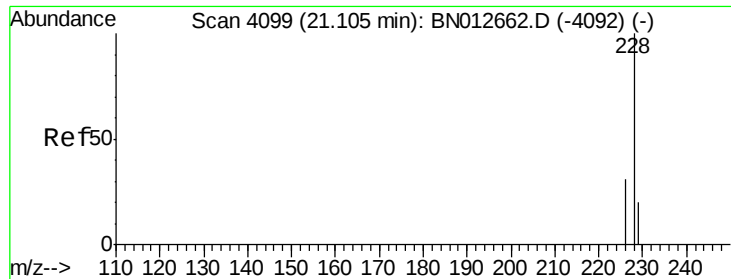
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#18
Benzo(a)anthracene
Concen: 12.308 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012670.D
Acq: 20 Nov 2020 21:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	16.9	25.3
226	28.2	23.1	34.7





#19

Chrysene

Concen: 12.615 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Instrument :

BNA_N

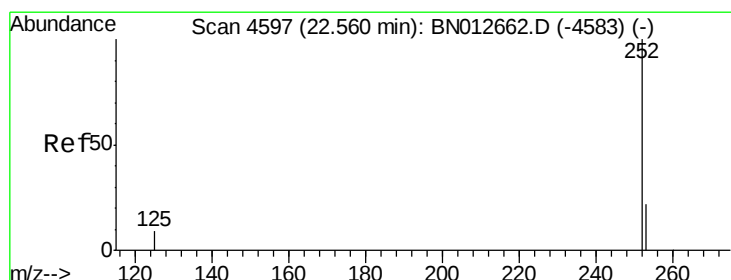
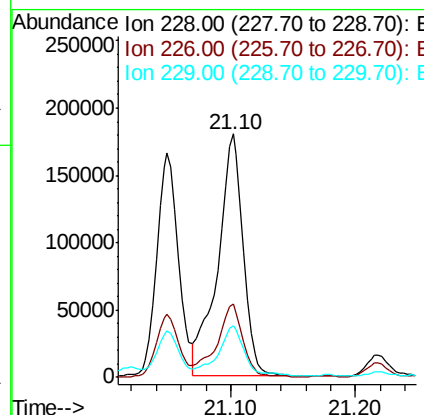
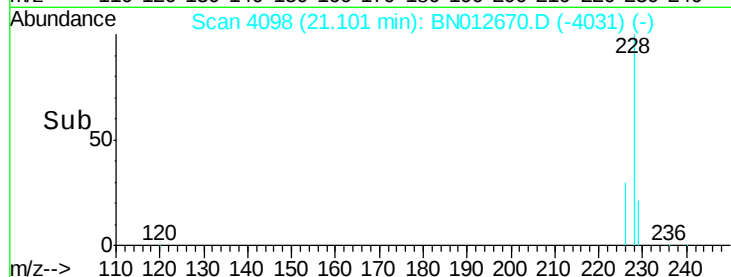
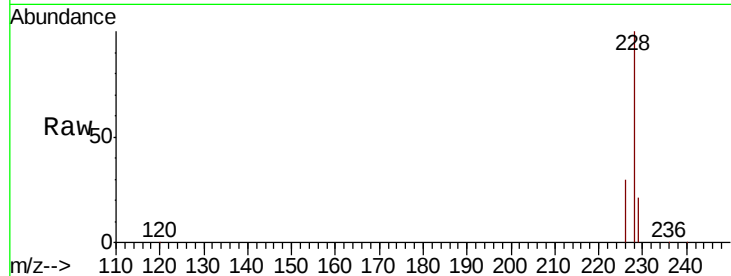
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Tot Ion:	228	Resp:	256760
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	21.3	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 18.540 ng/ul m

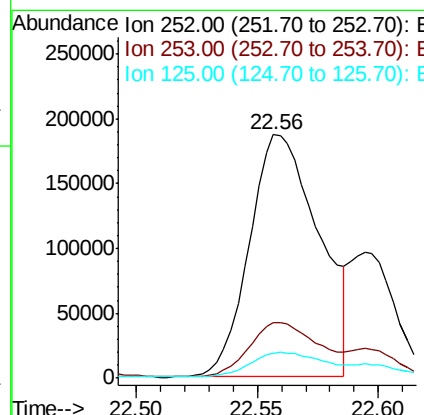
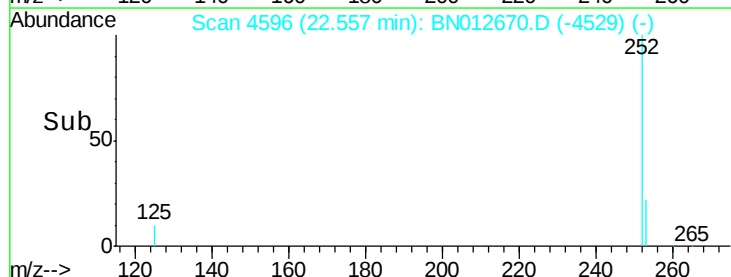
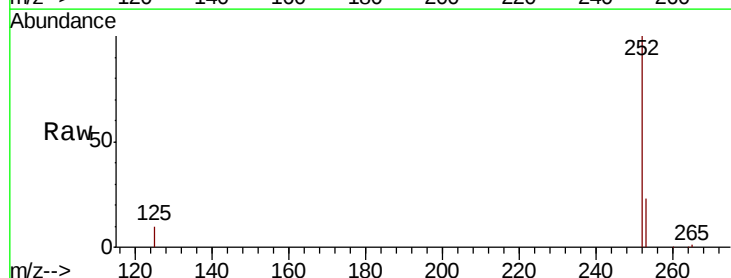
RT: 22.56 min Scan# 4596

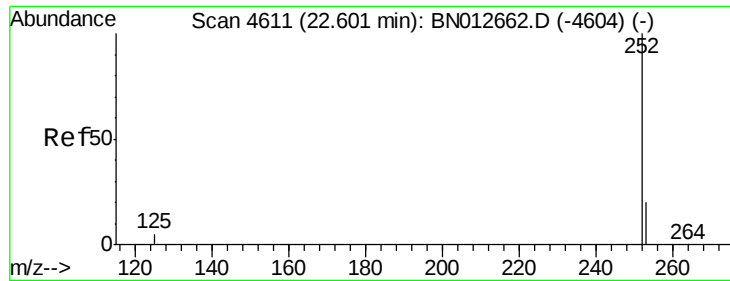
Delta R.T. -0.00 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Tgt Ion:	252	Resp:	376378
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	58.4
125	10.4	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 5.219 ng/ul m

RT: 22.59 min Scan# 4609

Delta R.T. -0.01 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Instrument :

BNA_N

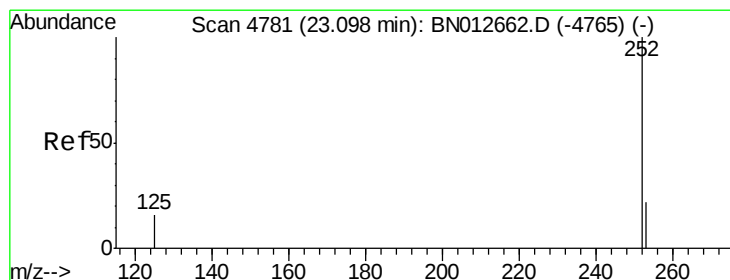
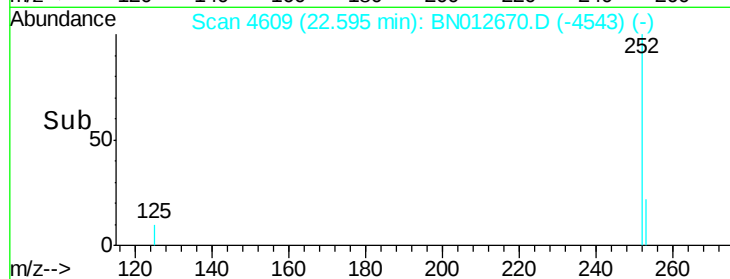
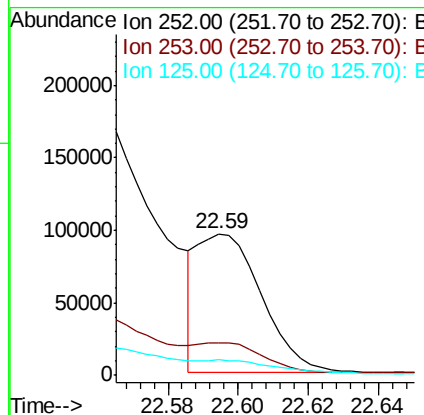
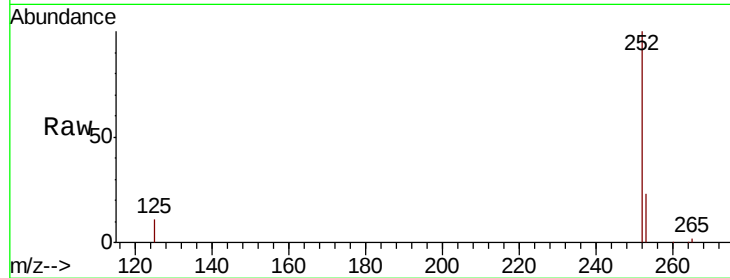
ClientSampled :

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Tot Ion	Ratio	Resp	Lower	Upper
252	100	122177		
253	23.4	23.4	35.2#	
125	11.0	10.2	15.2	

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#23

Benzo(a)pyrene

Concen: 12.274 ng/ul

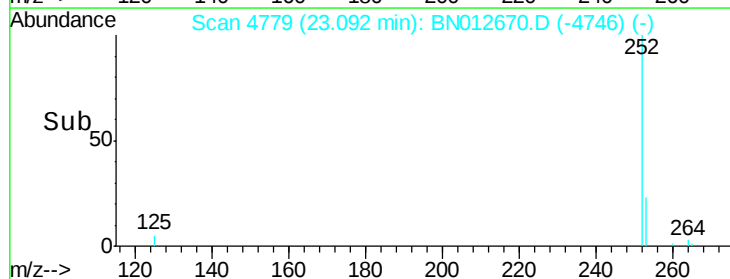
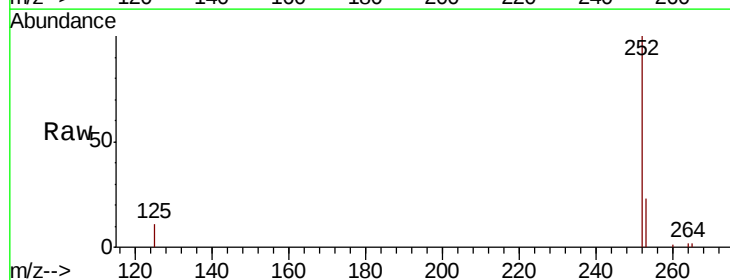
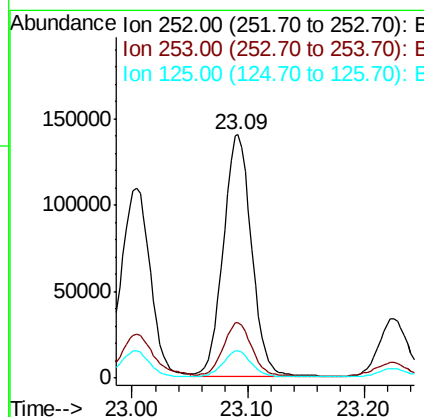
RT: 23.09 min Scan# 4779

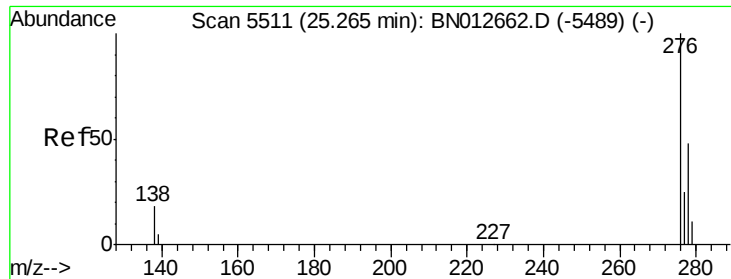
Delta R.T. -0.00 min

Lab File: BN012670.D

Acq: 20 Nov 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	234515		
253	22.9	27.6	41.4#	
125	11.3	17.0	25.4#	





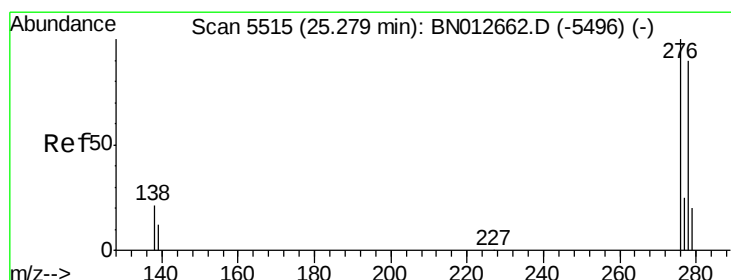
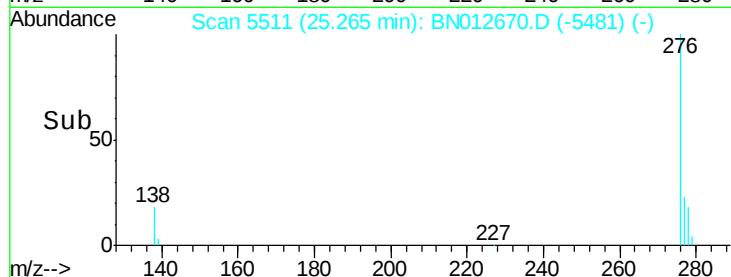
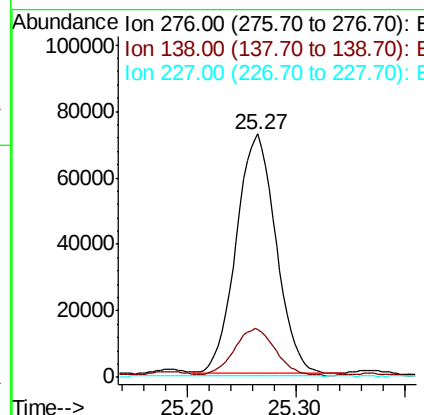
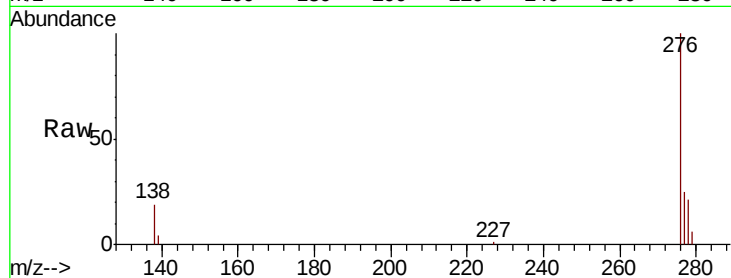
#24
Indeno(1,2,3-cd)pyrene
Concen: 7.307 ng/ul
RT: 25.27 min Scan# 5511
Delta R.T. -0.00 min
Lab File: BN012670.D
Acq: 20 Nov 2020 21:51

Instrument :
BNA_N
ClientSampled :
C0BE9

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.5	24.7
227	0.2	0.1	0.1#

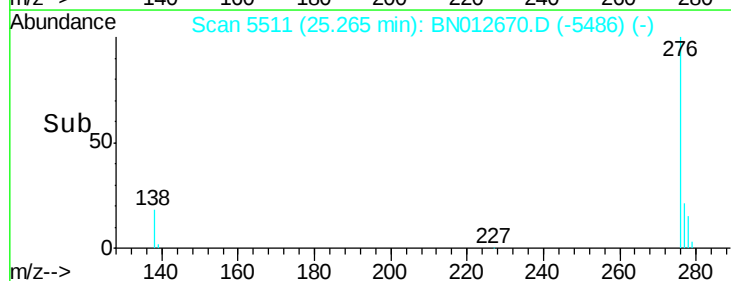
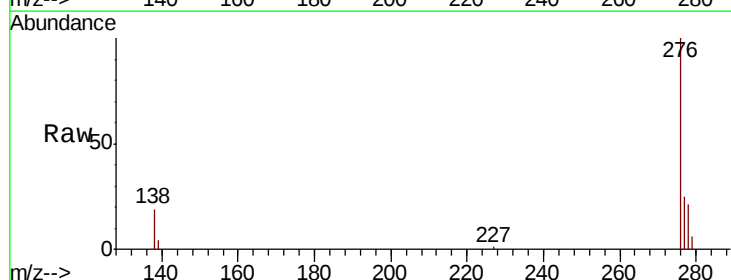
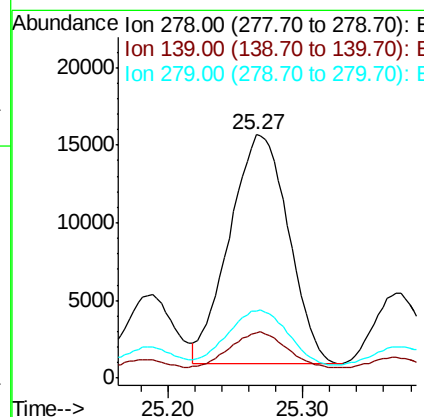
Manual Integrations
APPROVED

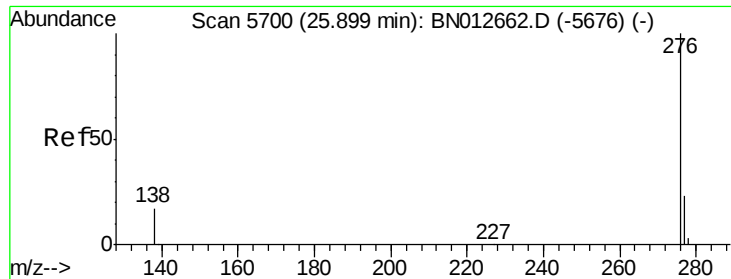
mohammad
11/24/2020 8:56:21 AM



#25
Dibenzo(a,h)anthracene
Concen: 2.226 ng/ul
RT: 25.27 min Scan# 5511
Delta R.T. -0.02 min
Lab File: BN012670.D
Acq: 20 Nov 2020 21:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.8	20.8
279	27.7	25.6	38.4





#26
 Benzo(a,h,i)perylene
 Concen: 7.775 ng/ul
 RT: 25.90 min Scan# 5700
 Delta R.T. -0.00 min
 Lab File: BN012670.D
 Acq: 20 Nov 2020 21:51

Instrument :
 BNA_N
 ClientSampleId :
 C0BE9

Tot Ion:	276	Resp:	174838
Ion Ratio	Lower	Upper	
276	100		
138	20.5	16.3	24.5
277	23.9	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:56:21 AM

