

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012681.D
 Acq On : 21 Nov 2020 11:49
 Operator : CG/JU
 Sample : L4710-03DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW8DL

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:56:45 AM

Quant Time: Nov 23 01:36:04 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 : Mon Nov 23 00:58:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1003	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4081	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2236	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4610	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4155	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4231	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	227	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	524	0.04	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.26	128	306	0.025	ng/ul#	62
5) 2-Methylnaphthalene	11.89	142	214	0.027	ng/ul	96
7) Acenaphthylene	13.82	152	521	0.048	ng/ul#	73
8) Acenaphthene	14.16	153	1720	0.187	ng/ul	99
9) Fluorene	15.16	166	2420	0.240	ng/ul	97
12) Phenanthrene	16.89	178	63509	3.959	ng/ul	96
13) Anthracene	16.98	178	7156	0.513	ng/ul	96
15) Fluoranthene	18.92	202	130465	7.045	ng/ul	97
17) Pyrene	19.28	202	103758	5.583	ng/ul	97
18) Benzo(a)anthracene	21.05	228	49331	3.313	ng/ul	98
19) Chrysene	21.10	228	60432	3.249	ng/ul	99
21) Benzo(b)fluoranthene	22.55	252	81562m	4.190	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	26157m	1.165	ng/ul	
23) Benzo(a)pyrene	23.09	252	51689	2.822	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.25	276	37355	1.559	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.26	278	8795	0.457	ng/ul	96
26) Benzo(a,h,i)perylene	25.89	276	34749	1.612	ng/ul	97

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

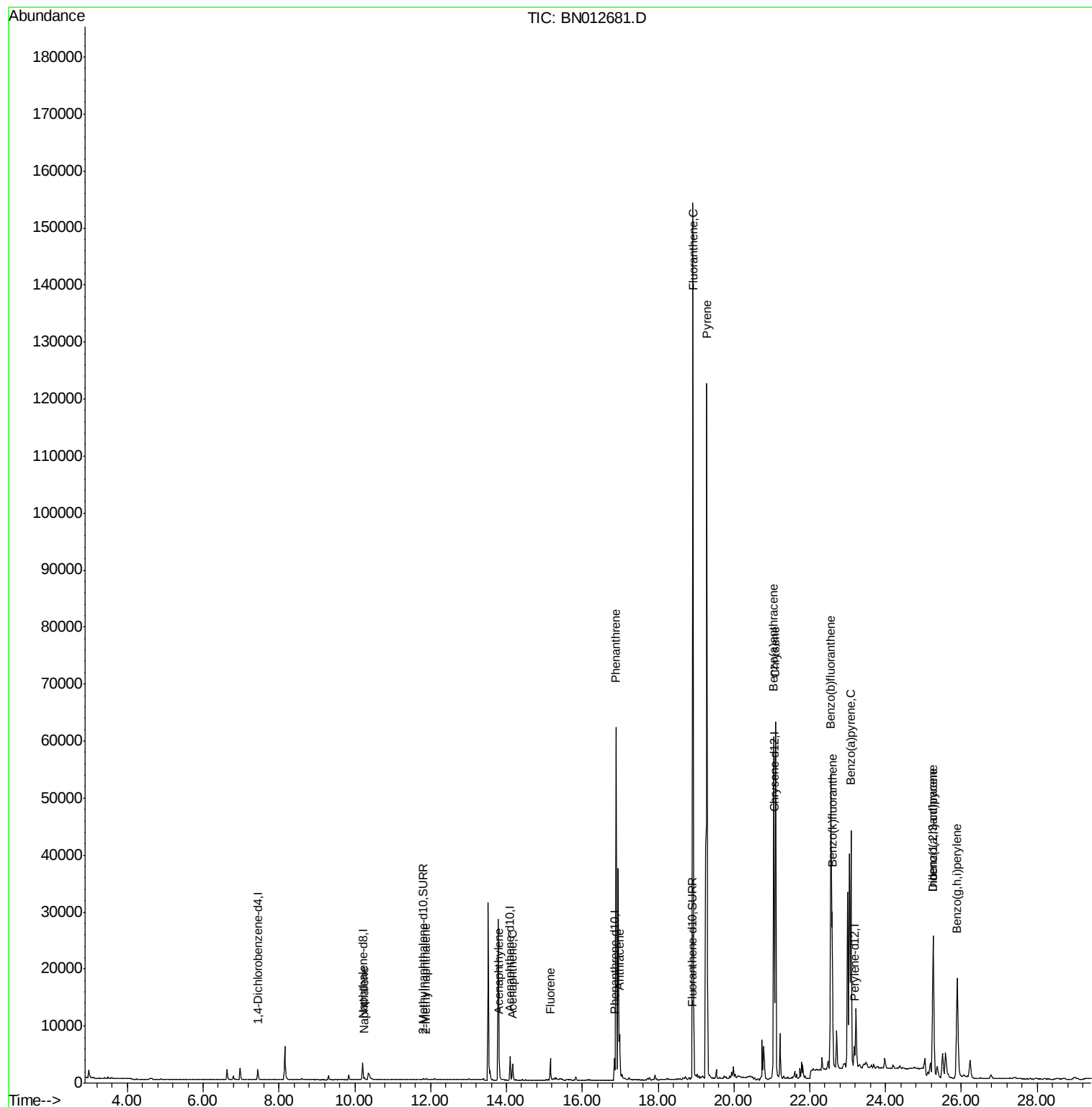
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012681.D
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Operator : CG/JU
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Misc :
ALS Vial : 28 Sample Multiplier: 1

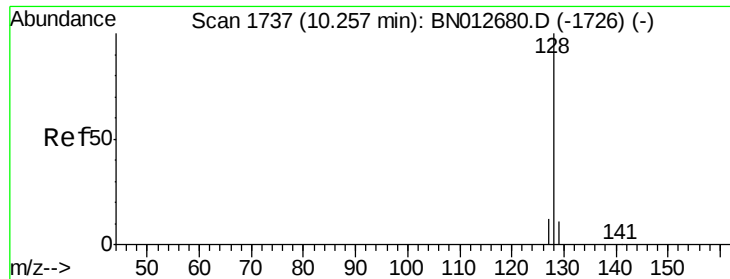
Instrument :
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Quant Time: Nov 23 01:36:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 00:58:43 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.26 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Instrument :

BNA_N

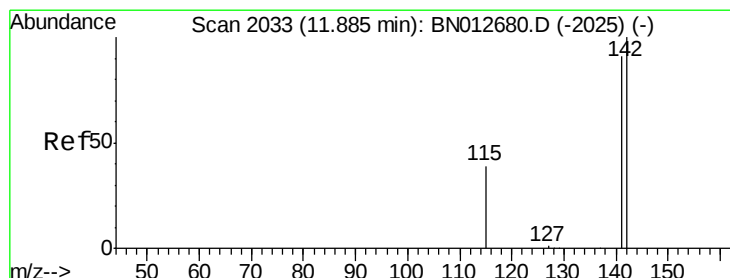
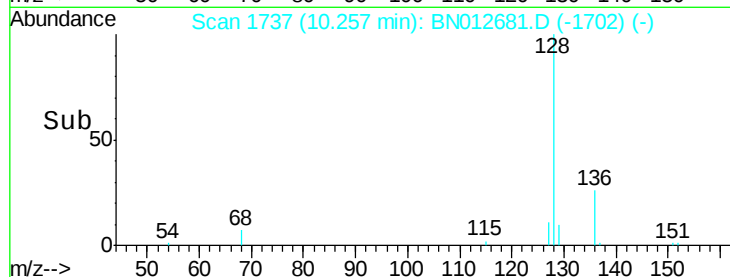
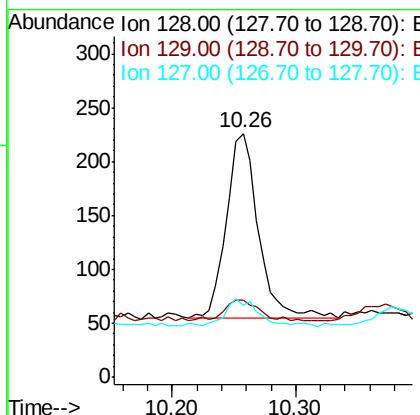
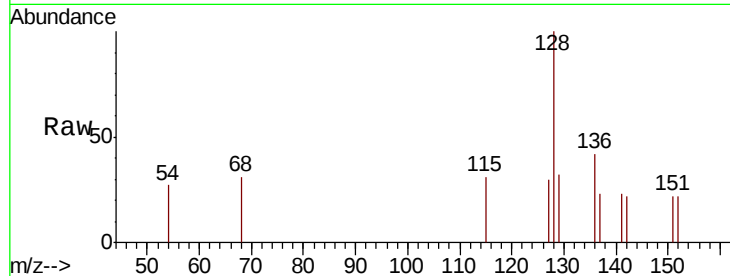
ClientSampleId :

C0AW8DL

Tot Ion:	128	Resp:	306
Ion Ratio	Lower	Upper	
128	100		
129	31.9	11.2	16.8#
127	29.6	12.5	18.7#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

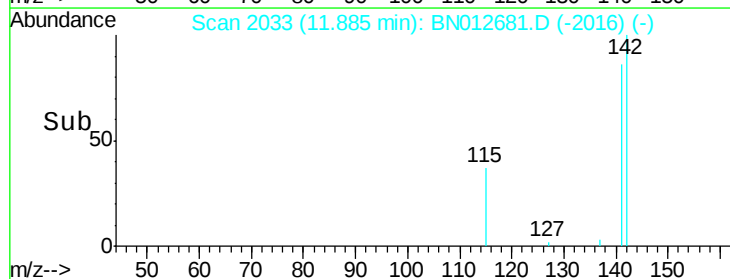
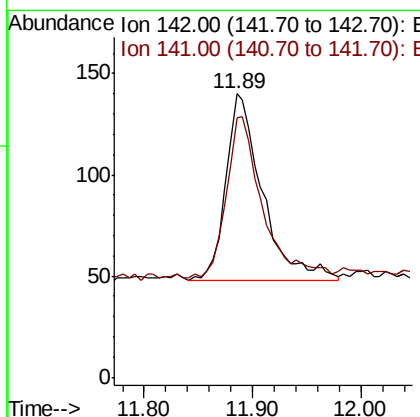
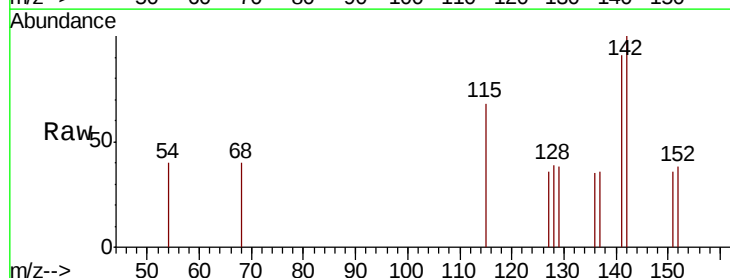
RT: 11.89 min Scan# 2033

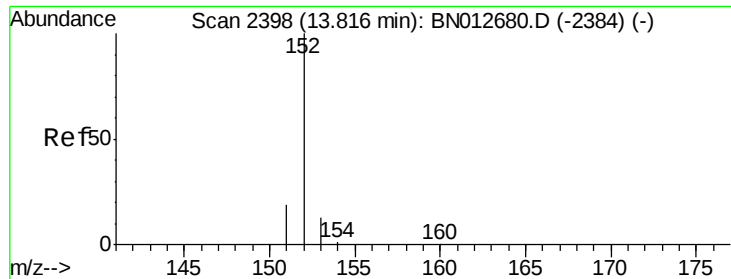
Delta R.T. -0.01 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Tgt Ion:	142	Resp:	214
Ion Ratio	Lower	Upper	
142	100		
141	86.4	72.3	108.5





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 13.82 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Instrument :

BNA_N

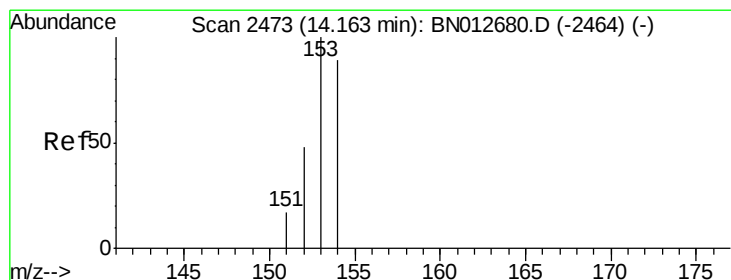
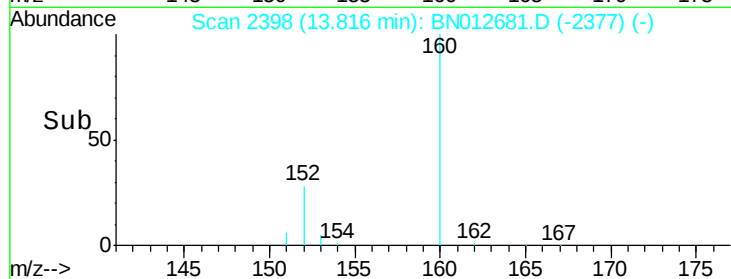
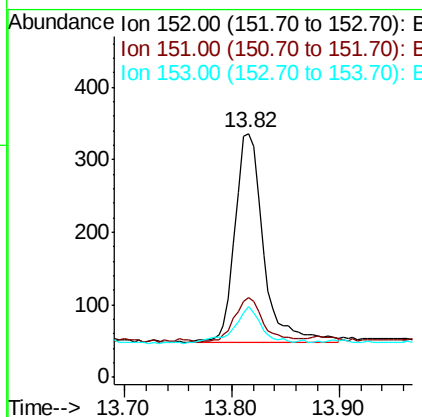
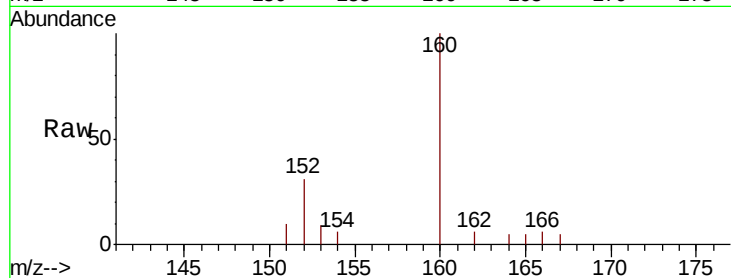
ClientSampleId :

C0AW8DL

Tot Ion:	152	Resp:	521
Ion Ratio	Lower	Upper	
152	100		
151	32.7	17.1	25.7#
153	28.9	12.6	19.0#

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#8

Acenaphthene

Concen: 0.187 ng/ul

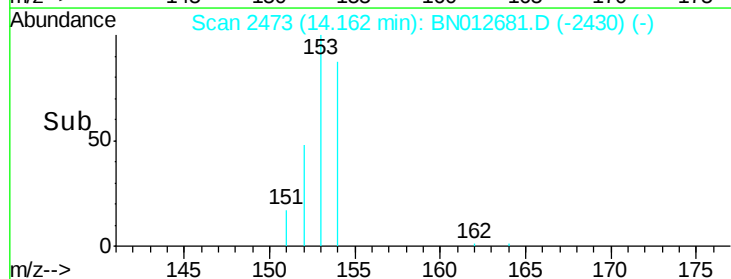
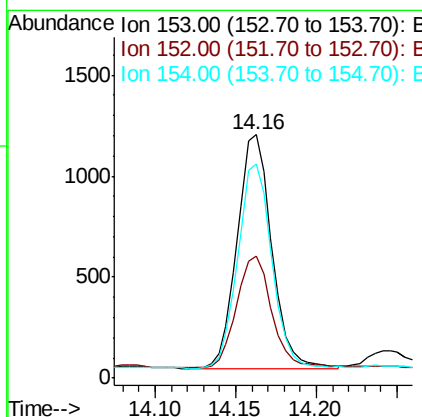
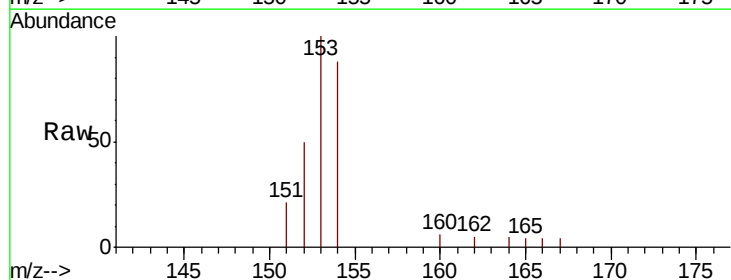
RT: 14.16 min Scan# 2473

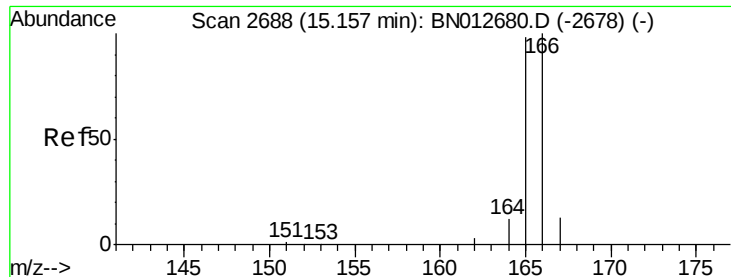
Delta R.T. -0.00 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Tgt Ion:	153	Resp:	1720
Ion Ratio	Lower	Upper	
153	100		
152	50.1	41.4	62.0
154	87.8	70.9	106.3





#9

Fluorene

Concen: 0.240 ng/ul

RT: 15.16 min Scan# 2688

Delta R.T. -0.00 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Instrument :

BNA_N

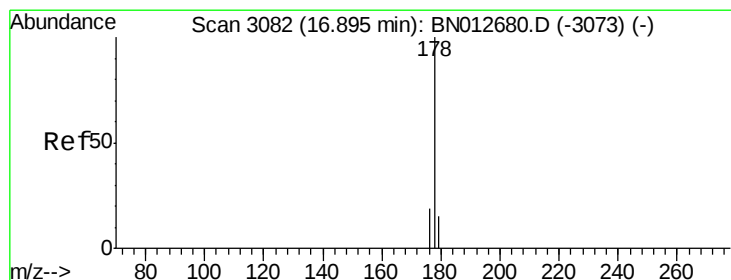
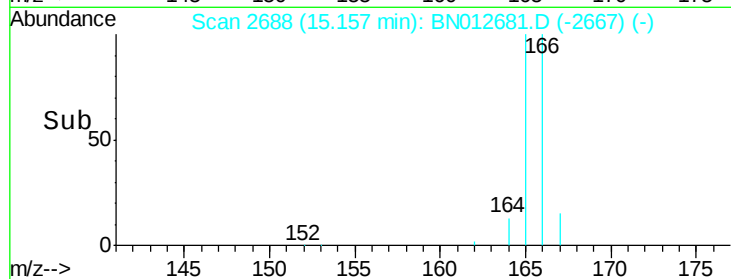
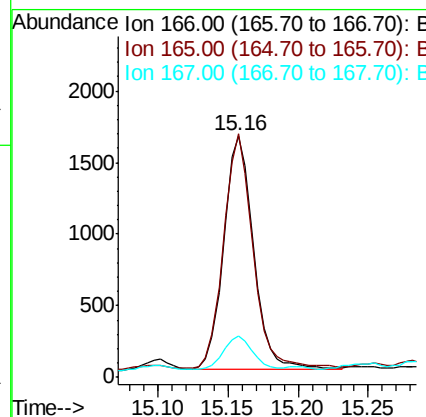
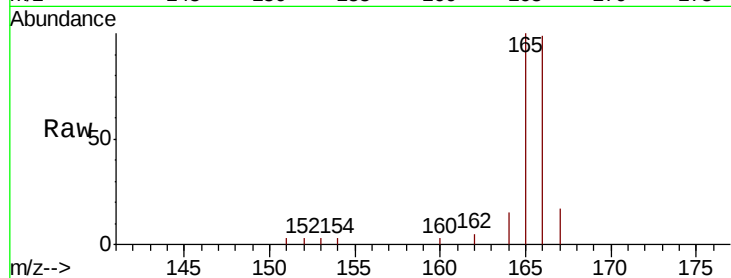
ClientSampleId :

C0AW8DL

Tot Ion:	166	Resp:	2420
Ion Ratio	Lower	Upper	
166	100		
165	100.8	78.5	117.7
167	17.2	12.7	19.1

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#12

Phenanthrene

Concen: 3.959 ng/ul

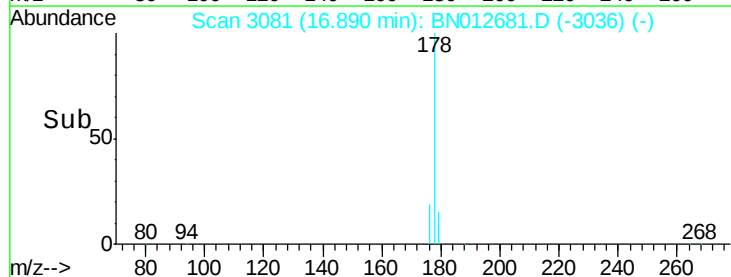
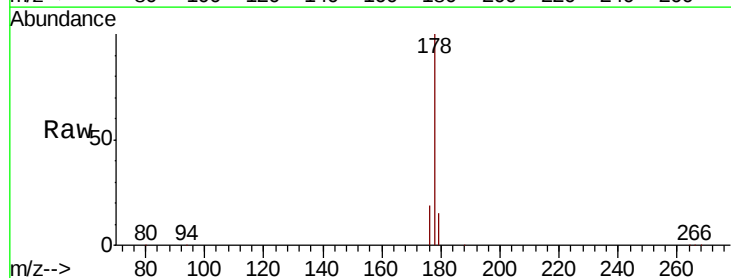
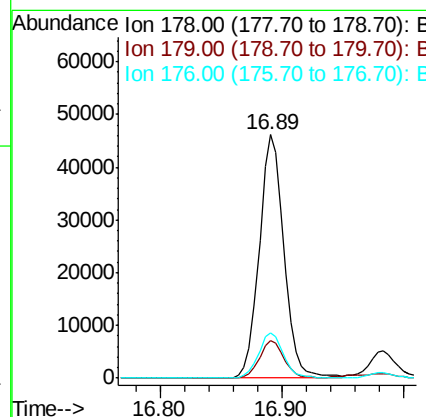
RT: 16.89 min Scan# 3081

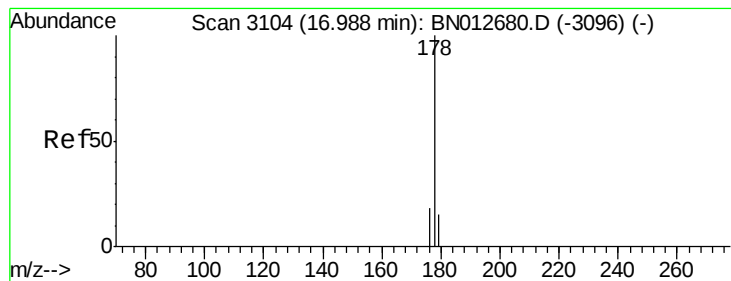
Delta R.T. -0.01 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Tgt Ion:	178	Resp:	63509
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.8	20.6
176	18.8	16.7	25.1





#13

Anthracene

Concen: 0.513 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Instrument :

BNA_N

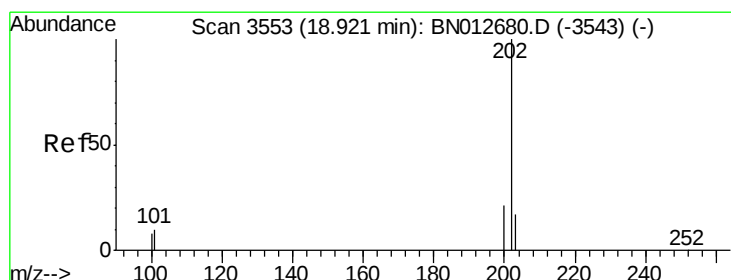
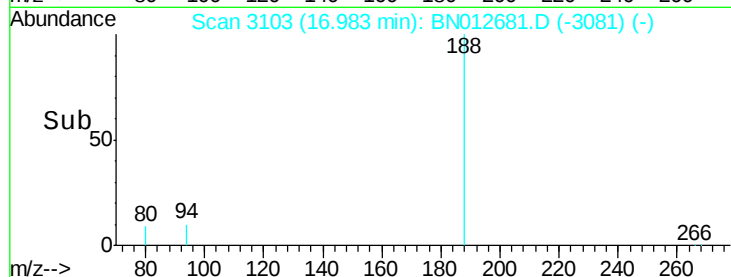
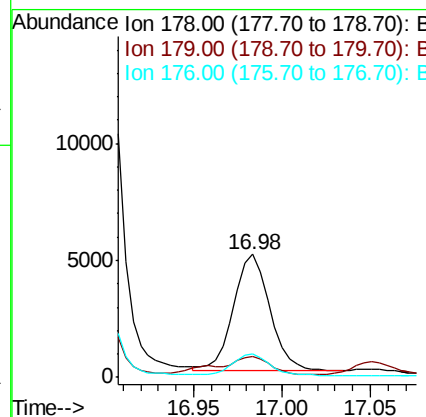
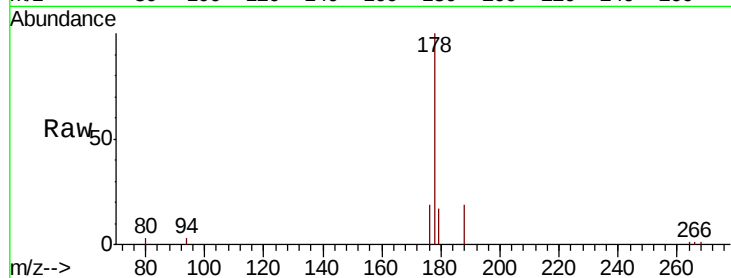
ClientSampleId :

C0AW8DL

Tot Ion:	178	Resp:	7156
Ion Ratio	Lower	Upper	
178	100		
179	16.8	14.8	22.2
176	18.8	16.3	24.5

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#15

Fluoranthene

Concen: 7.045 ng/ul

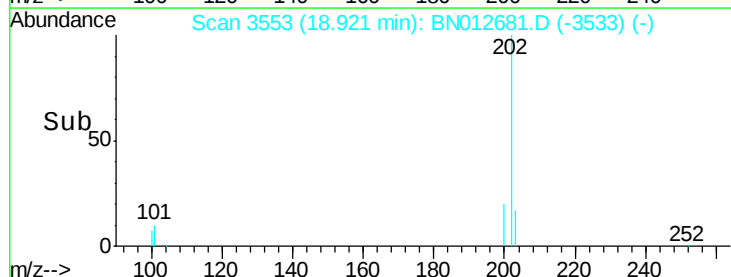
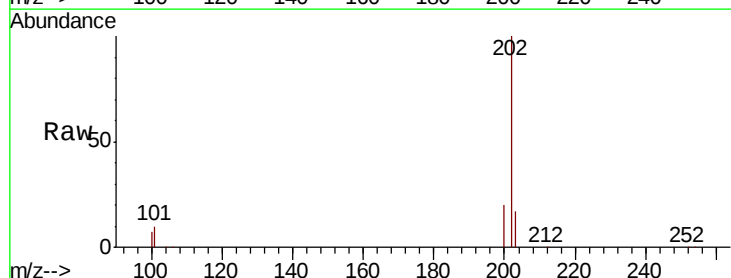
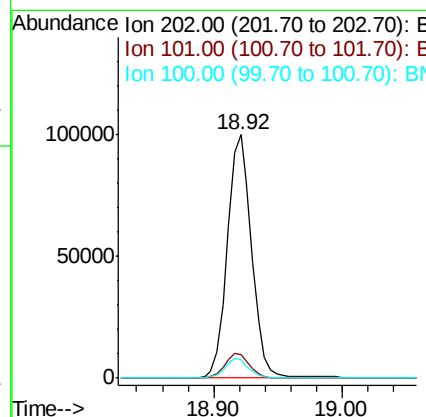
RT: 18.92 min Scan# 3553

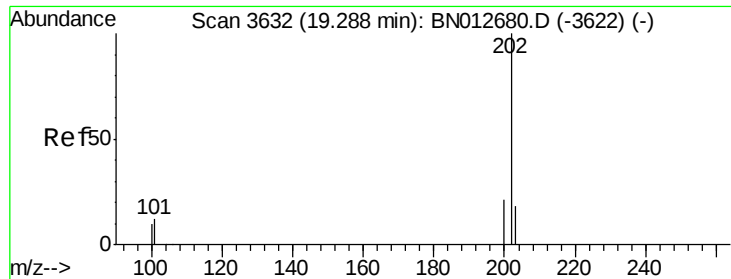
Delta R.T. -0.00 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Tgt Ion:	202	Resp:	130465
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.5
100	7.4	0.0	28.4





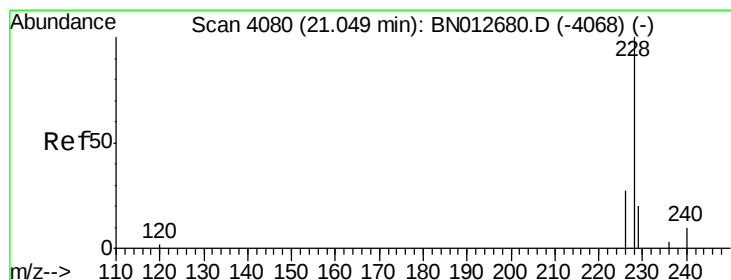
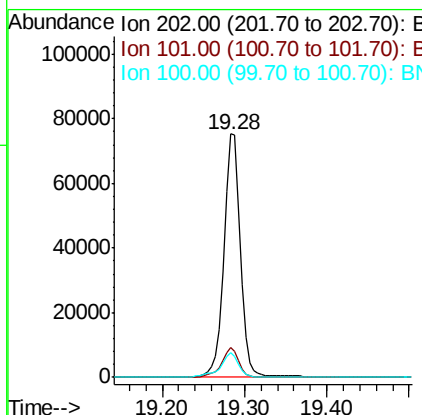
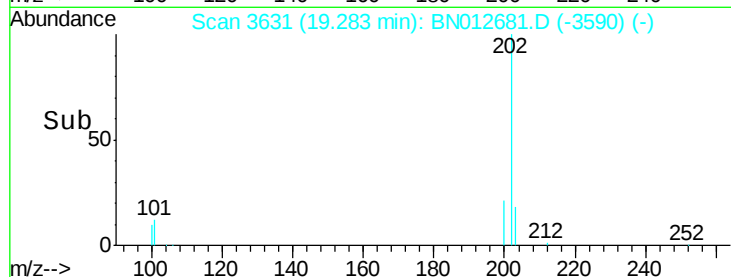
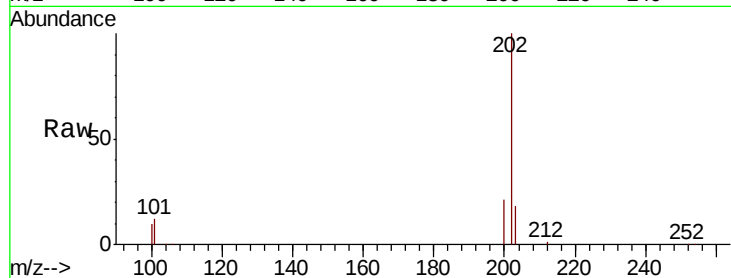
#17
Pvrene
Concen: 5.583 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BN012681.D
Acq: 21 Nov 2020 11:49

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	10.3	7.4	11.2

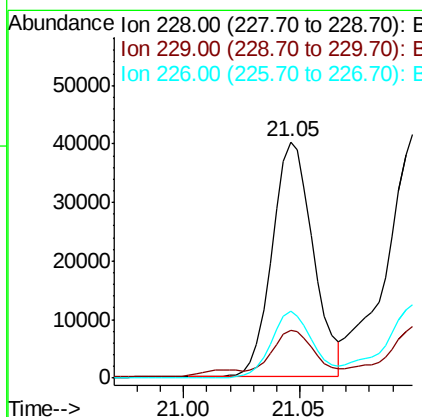
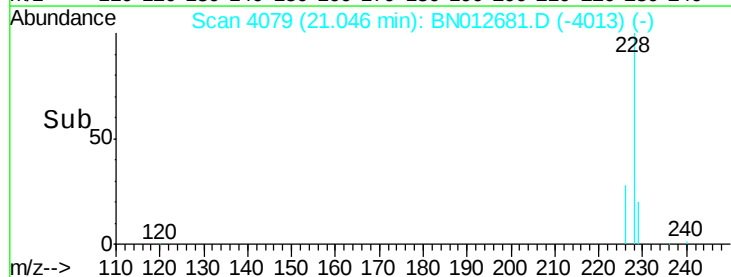
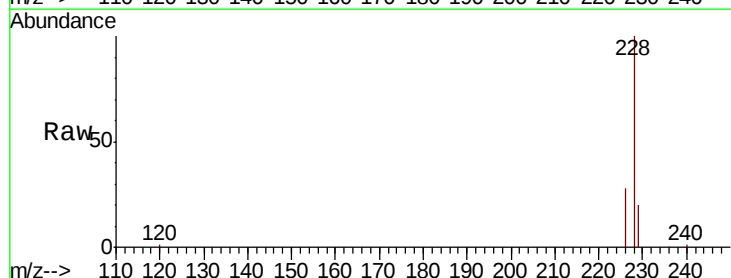
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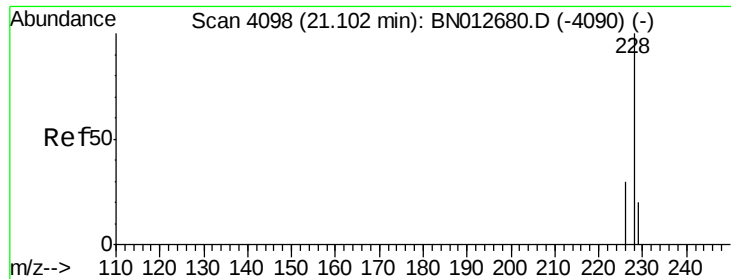
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#18
Benzo(a)anthracene
Concen: 3.313 ng/ul
RT: 21.05 min Scan# 4079
Delta R.T. -0.01 min
Lab File: BN012681.D
Acq: 21 Nov 2020 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.9	25.3
226	28.2	23.1	34.7





#19

Chrysene

Concen: 3.249 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.01 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Instrument :

BNA_N

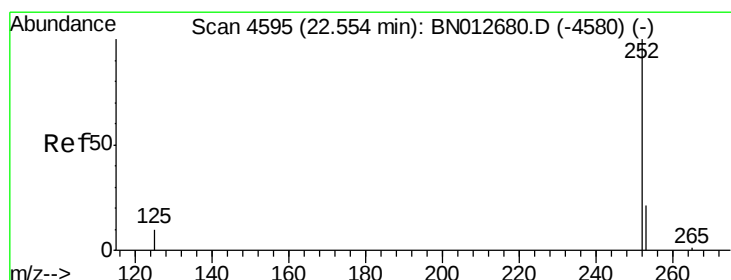
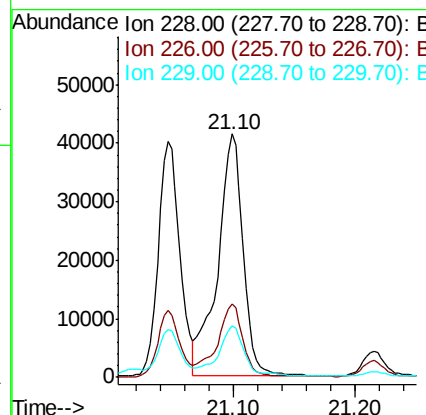
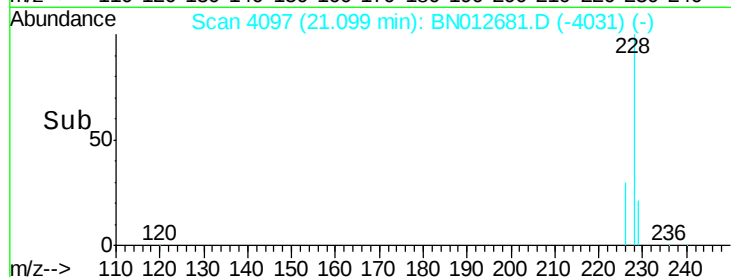
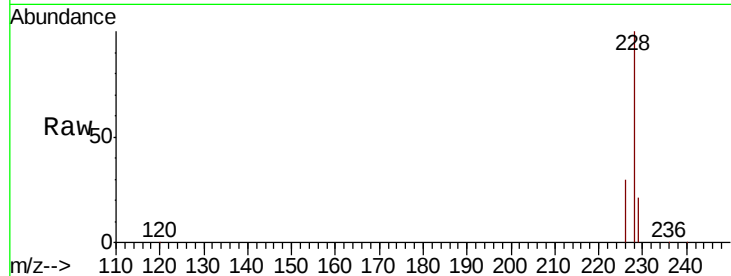
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Tot Ion:	228	Resp:	60432
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	21.0	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 4.190 ng/ul m

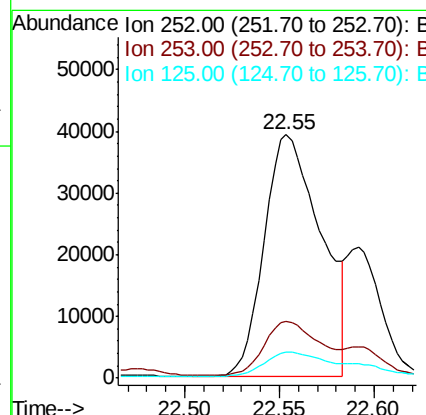
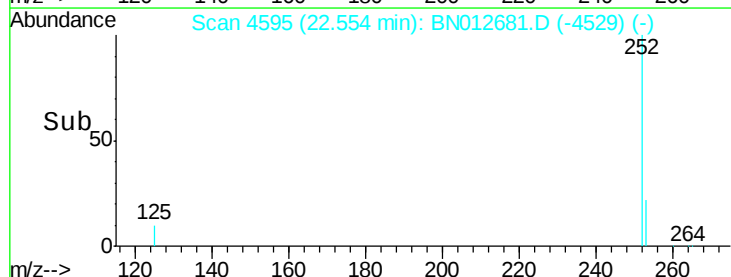
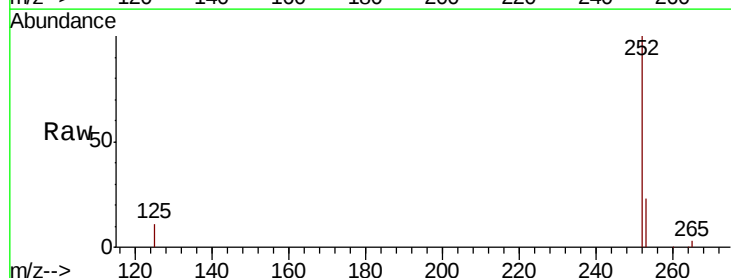
RT: 22.55 min Scan# 4595

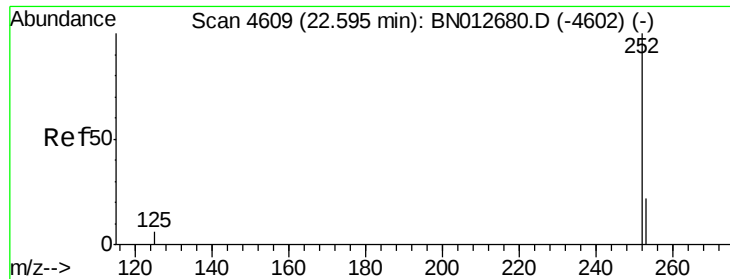
Delta R.T. -0.01 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Tgt Ion:	252	Resp:	81562
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	58.4
125	10.6	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 1.165 ng/ul

RT: 22.59 min Scan# 4608

Delta R.T. -0.01 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Instrument :

BNA_N

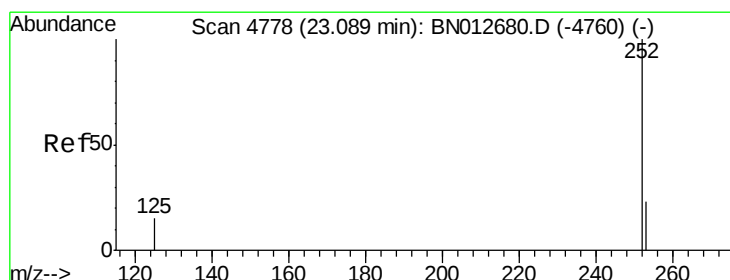
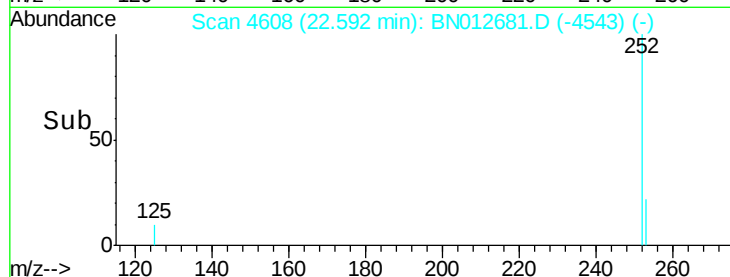
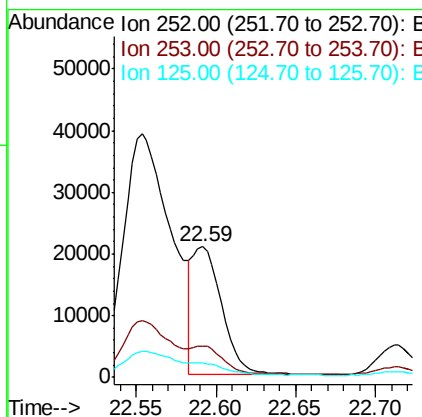
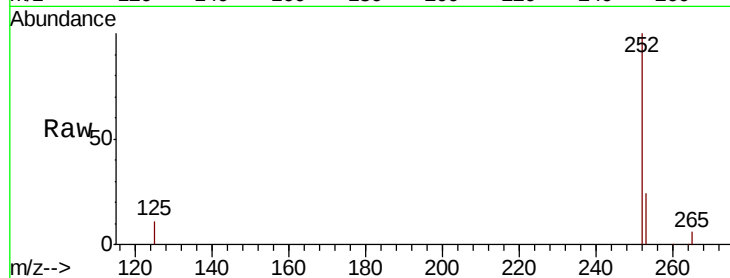
ClientSampled :

C0AW8DL

Tot Ion:	252	Resp:	26157
Ion Ratio	Lower	Upper	
252	100		
253	24.0	23.4	35.2
125	11.0	10.2	15.2

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#23

Benzo(a)pyrene

Concen: 2.822 ng/ul

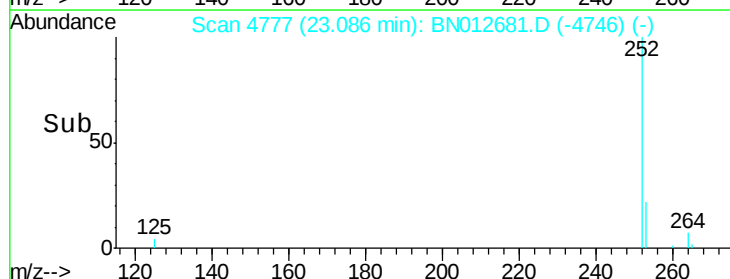
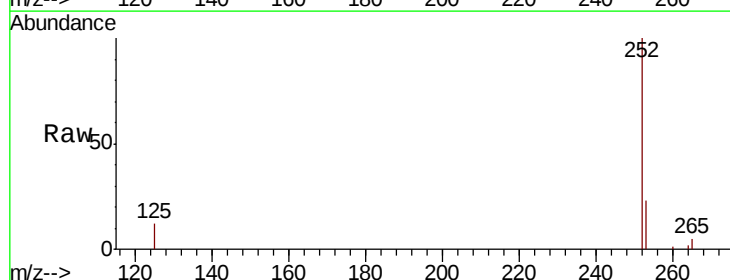
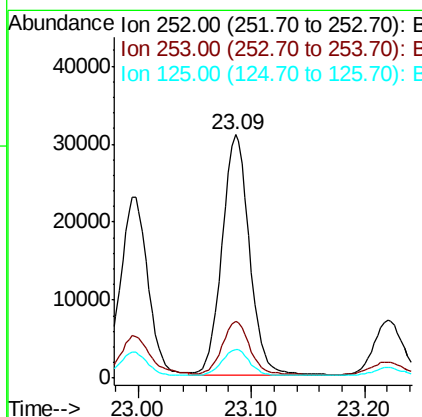
RT: 23.09 min Scan# 4777

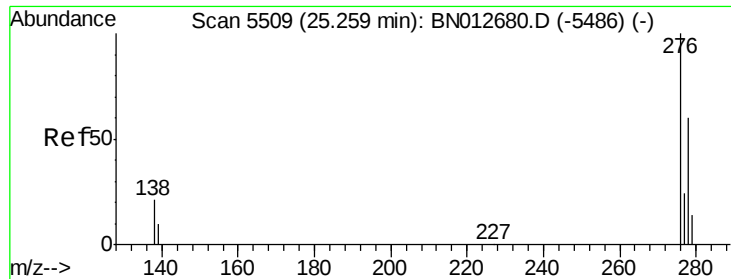
Delta R.T. -0.01 min

Lab File: BN012681.D

Acq: 21 Nov 2020 11:49

Tgt Ion:	252	Resp:	51689
Ion Ratio	Lower	Upper	
252	100		
253	23.1	27.6	41.4#
125	11.7	17.0	25.4#





#24

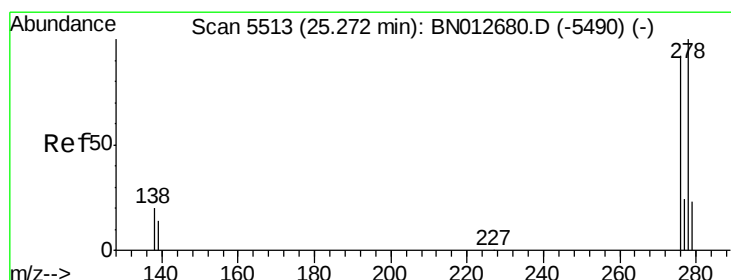
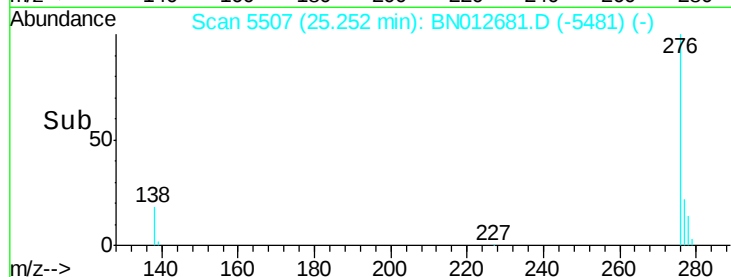
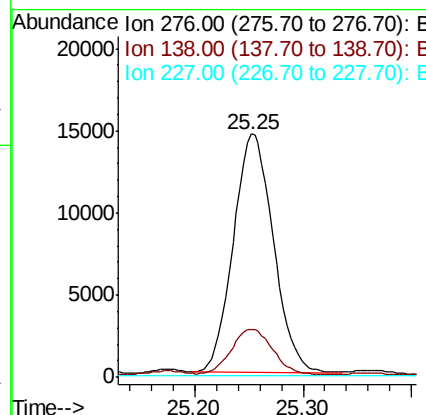
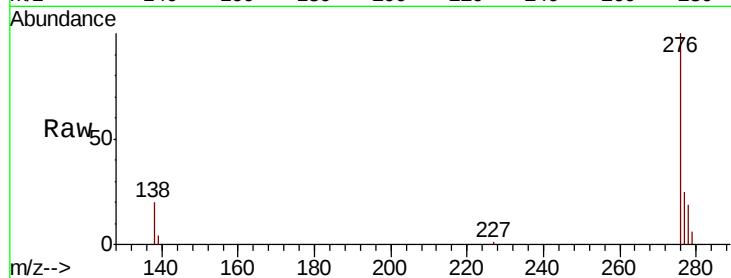
Indeno(1,2,3-cd)pyrene
Concen: 1.559 ng/ul
RT: 25.25 min Scan# 5507
Delta R.T. -0.01 min
Lab File: BN012681.D
Acq: 21 Nov 2020 11:49

Instrument :
BNA_N
ClientSampleId :
C0AW8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.5	24.7
227	0.1	0.1	0.1

Manual Integrations
APPROVED

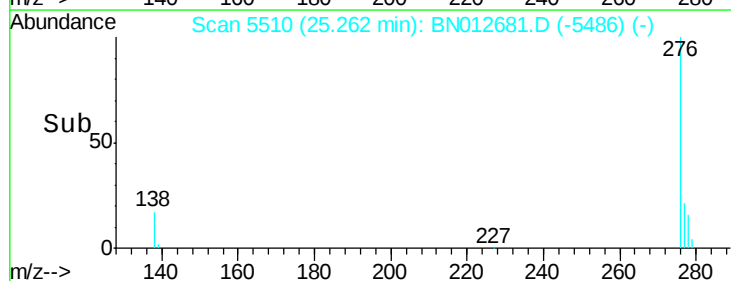
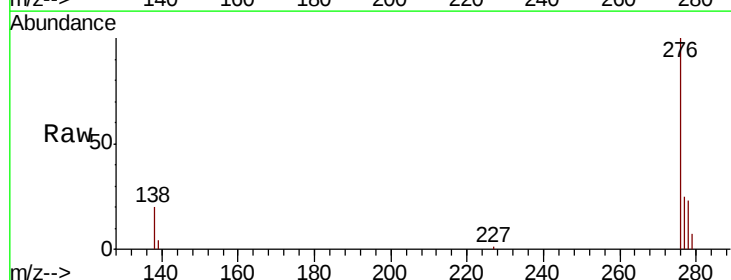
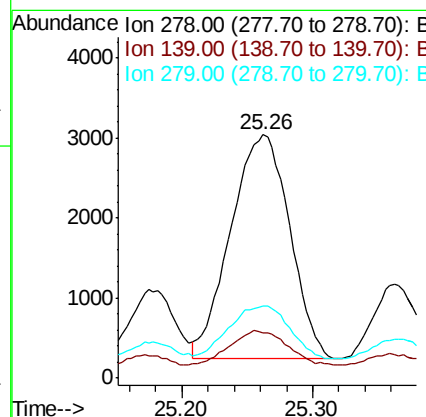
mohammad
11/24/2020 8:56:45 AM

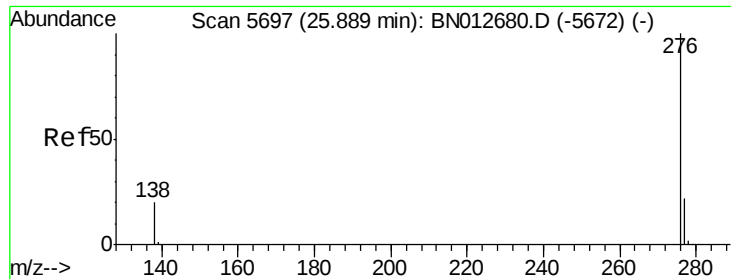


#25

Dibenzo(a,h)anthracene
Concen: 0.457 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.02 min
Lab File: BN012681.D
Acq: 21 Nov 2020 11:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.8	20.8
279	29.4	25.6	38.4





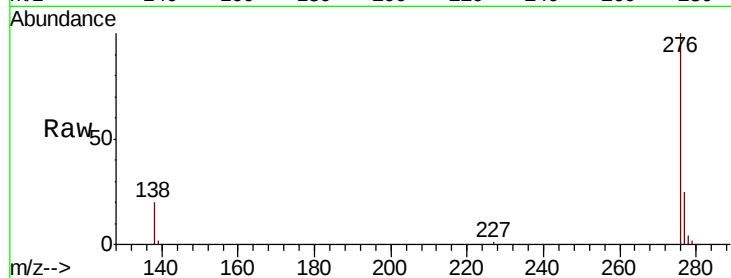
#26
 Benzo(a,h,i)perylene
 Concen: 1.612 ng/ul
 RT: 25.89 min Scan# 5697
 Delta R.T. -0.01 min
 Lab File: BN012681.D
 Acq: 21 Nov 2020 11:49

Instrument :
 BNA_N
 ClientSampleId :
 C0AW8DL

Tot Ion:	276	Resp:	34749
Ion Ratio	Lower	Upper	
276	100		
138	20.1	16.3	24.5
277	24.7	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:56:45 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

