

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012204.D
 Acq On : 14 Oct 2020 20:55
 Operator : CG/JU
 Sample : L4166-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
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mohammad
 10/15/2020 8:20:58 AM

Quant Time: Oct 15 01:09:55 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 : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1223	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4915	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2841	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5909	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5208	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	5686	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1060	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	2543	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	2021	0.142	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	217	0.024	ng/ul	97
7) Acenaphthylene	13.98	152	917	0.074	ng/ul#	87
8) Acenaphthene	14.32	153	287	0.028	ng/ul	90
9) Fluorene	15.32	166	246	0.021	ng/ul#	89
12) Phenanthrene	17.05	178	832	0.044	ng/ul#	82
13) Anthracene	17.14	178	1006m	0.062	ng/ul	
15) Fluoranthene	19.07	202	5499	0.250	ng/ul	97
17) Pyrene	19.44	202	21968	0.936	ng/ul	99
18) Benzo(a)anthracene	21.20	228	4352	0.226	ng/ul	95
19) Chrysene	21.24	228	6891	0.293	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	12603m	0.549	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	5483m	0.216	ng/ul	
23) Benzo(a)pyrene	23.30	252	7613	0.341	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.57	276	4826	0.168	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	1408	0.061	ng/ul#	58
26) Benzo(a,h,i)perylene	26.25	276	3999	0.152	ng/ul	93

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

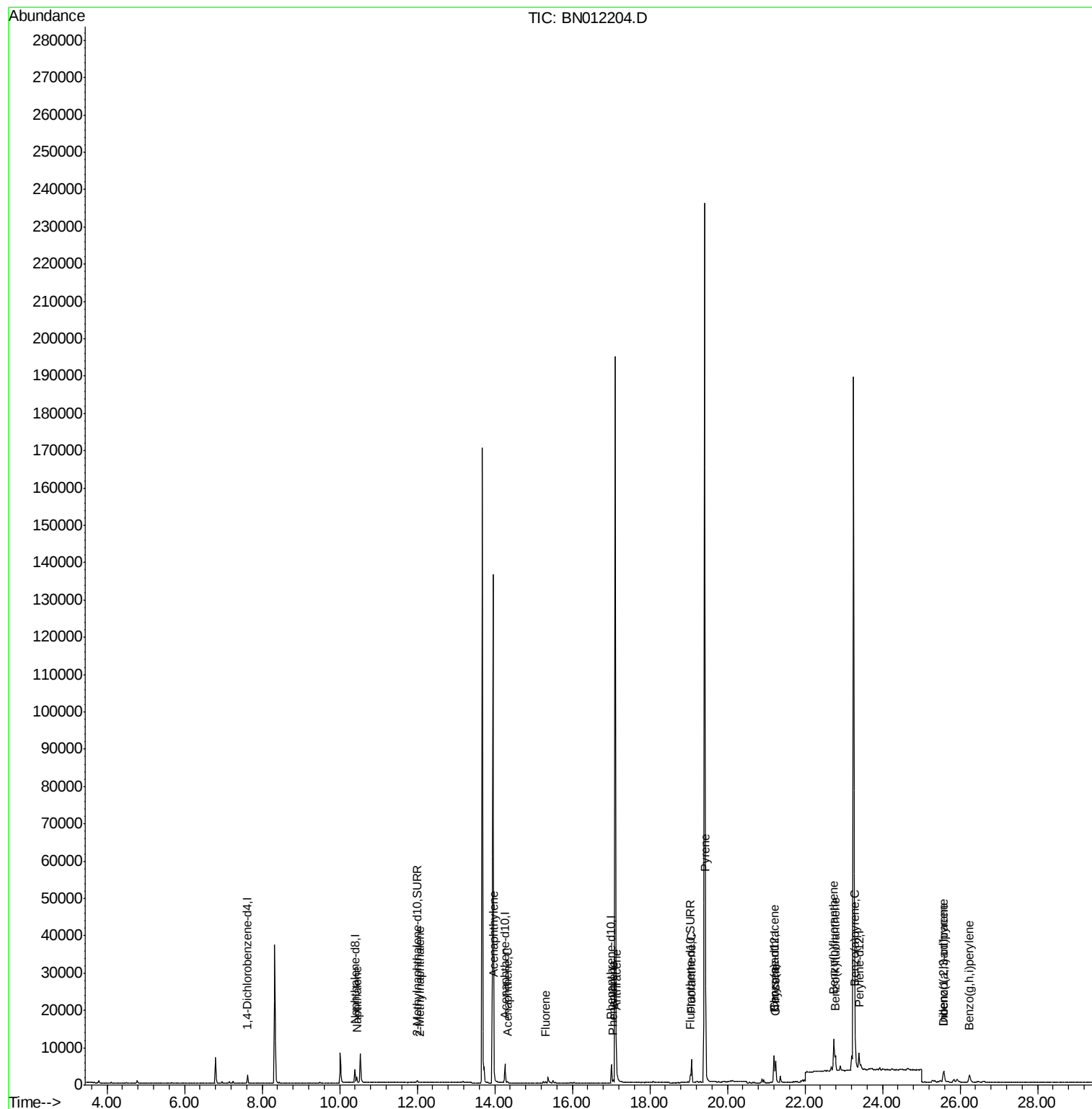
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012204.D
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Operator : CG/JU
Sample : L4166-09
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ALS Vial : 16 Sample Multiplier: 1

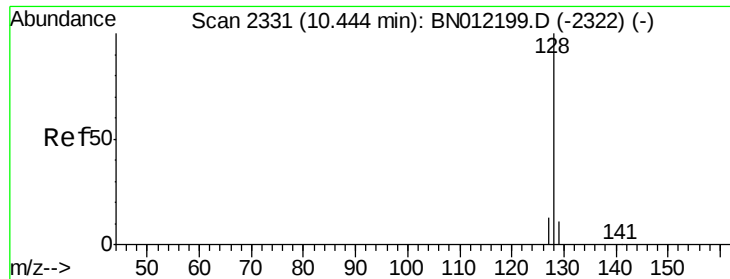
Instrument :
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Quant Time: Oct 15 01:09:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
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#3

Naphthalene

Concen: 0.142 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Instrument :

BNA_N

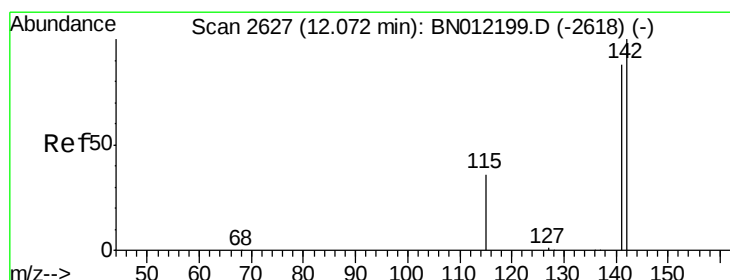
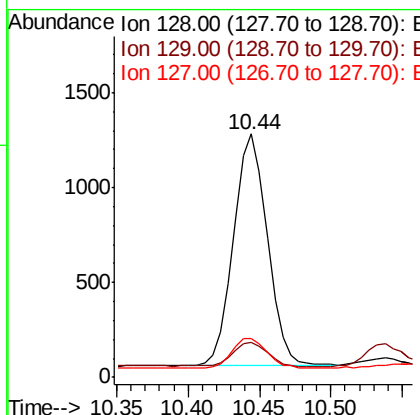
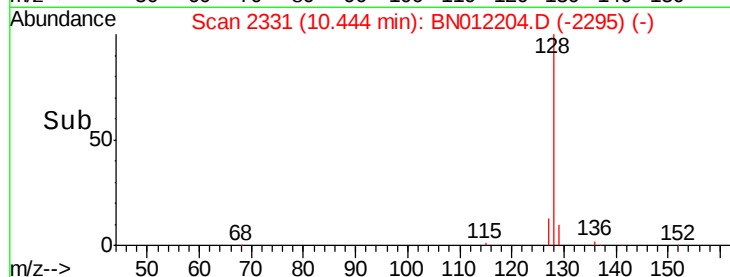
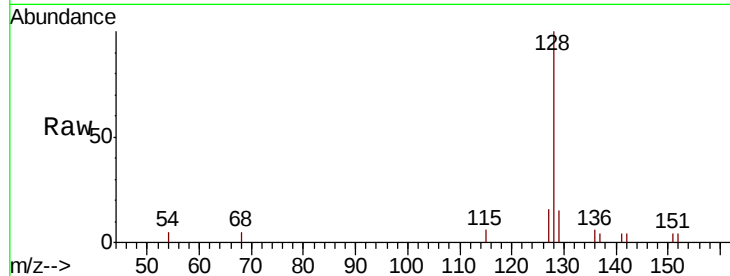
ClientSampleId :

C0AD1

Tot Ion:	128	Resp:	2021
Ion Ratio	Lower	Upper	
128	100		
129	14.6	10.3	15.5
127	16.1	11.9	17.9

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#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

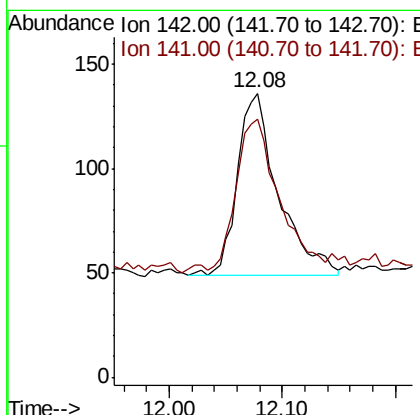
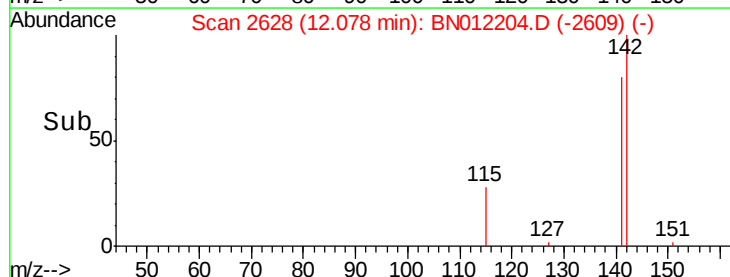
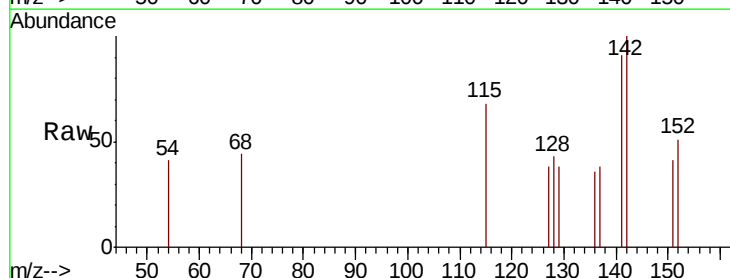
RT: 12.08 min Scan# 2628

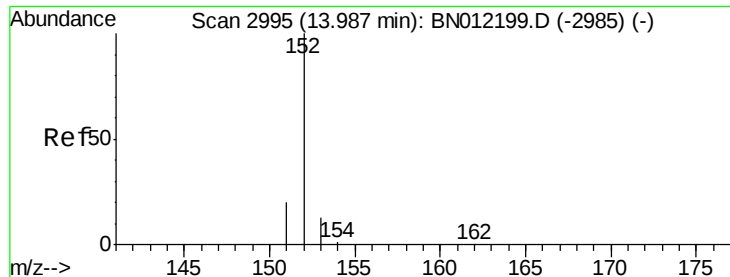
Delta R.T. 0.01 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Tgt Ion:	142	Resp:	217
Ion Ratio	Lower	Upper	
142	100		
141	87.1	71.7	107.5





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Instrument :

BNA_N

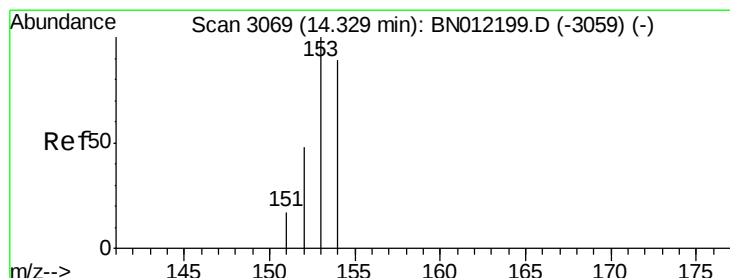
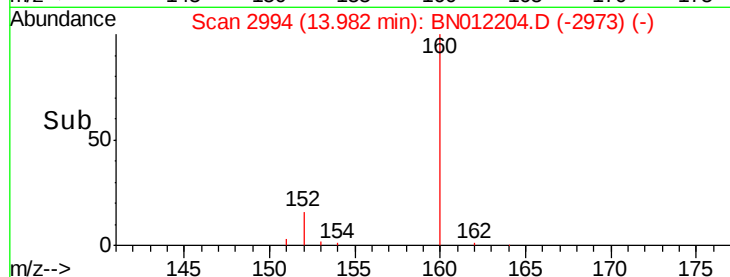
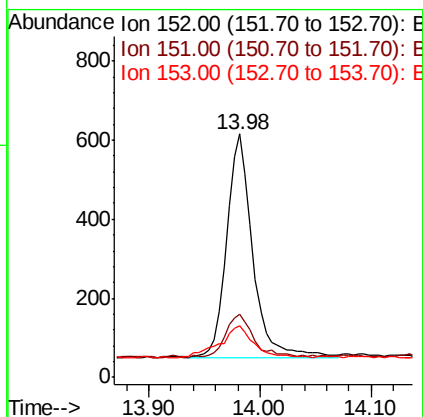
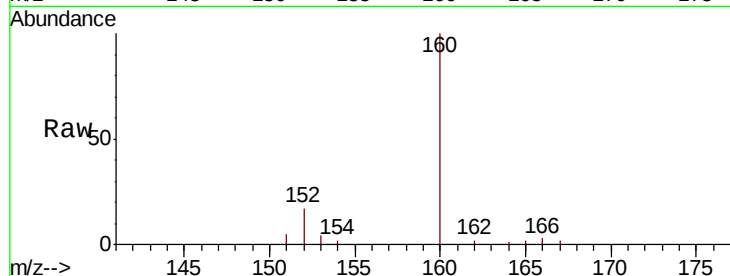
ClientSampleId :

C0AD1

Tot Ion:	152	Resp:	917
Ion Ratio	Lower	Upper	
152	100		
151	26.1	16.7	25.1#
153	21.1	11.8	17.8#

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#8

Acenaphthene

Concen: 0.028 ng/ul

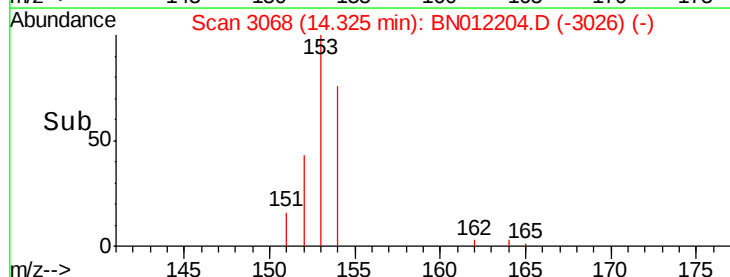
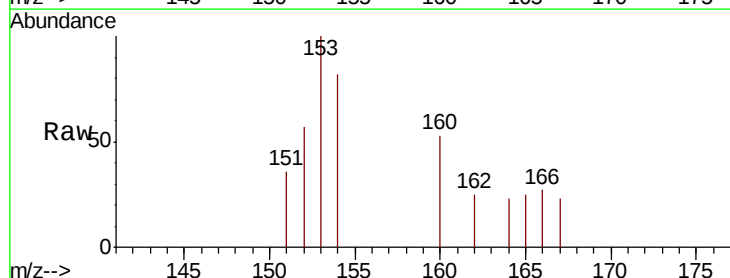
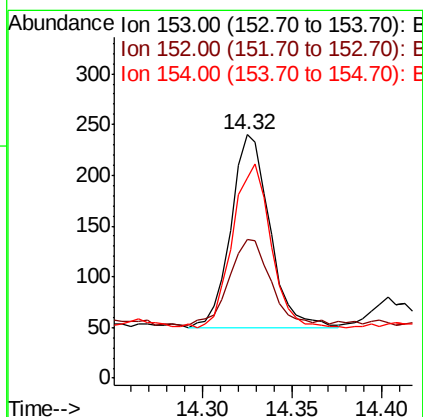
RT: 14.32 min Scan# 3068

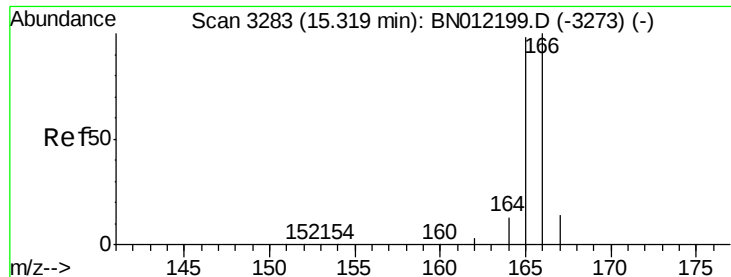
Delta R.T. -0.00 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Tgt Ion:	153	Resp:	287
Ion Ratio	Lower	Upper	
153	100		
152	57.1	38.2	57.2
154	82.1	71.1	106.7





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. 0.00 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Instrument :

BNA_N

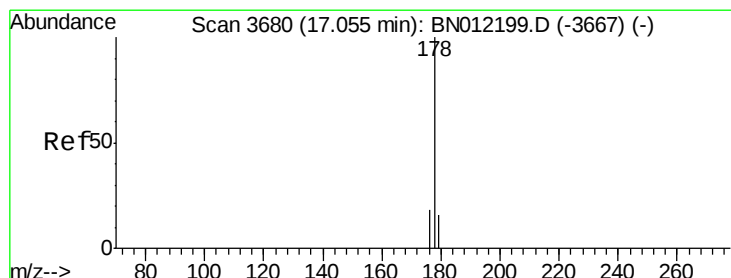
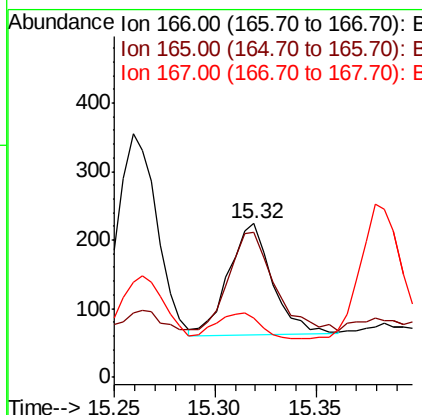
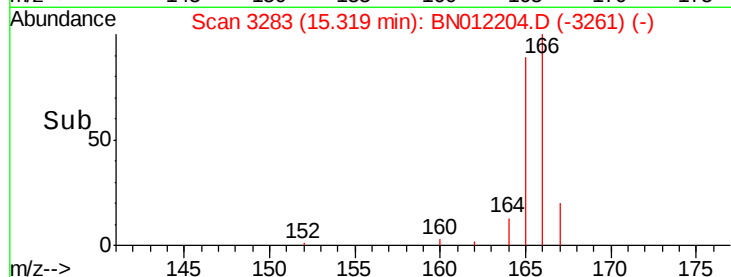
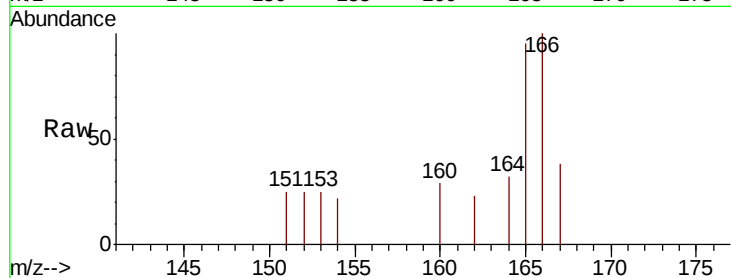
ClientSampleId :

C0AD1

Tot Ion:	166	Resp:	246
Ion Ratio	Lower	Upper	
166	100		
165	94.6	78.6	118.0
167	38.4	11.9	17.9#

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#12

Phenanthrene

Concen: 0.044 ng/ul

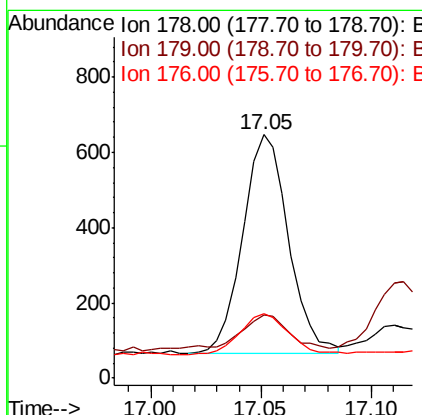
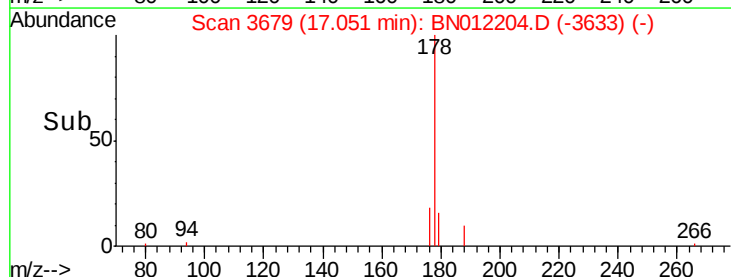
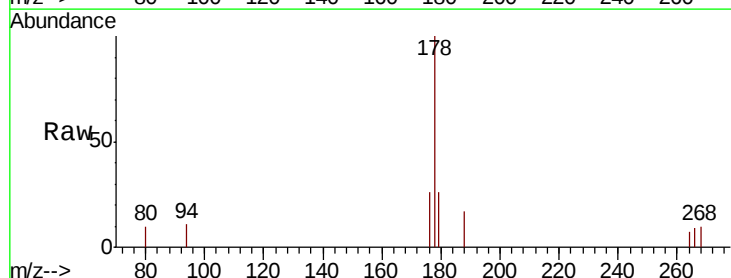
RT: 17.05 min Scan# 3679

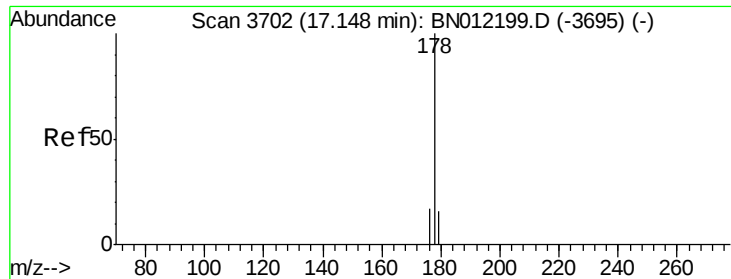
Delta R.T. -0.00 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Tgt Ion:	178	Resp:	832
Ion Ratio	Lower	Upper	
178	100		
179	25.8	13.4	20.2#
176	26.3	15.7	23.5#





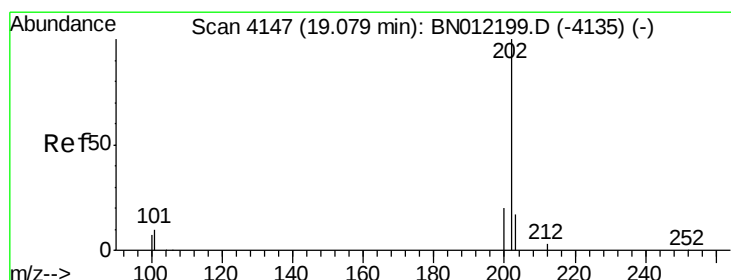
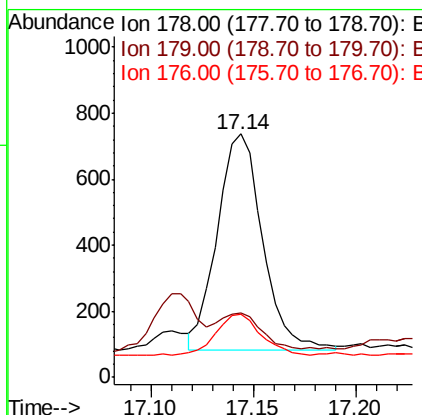
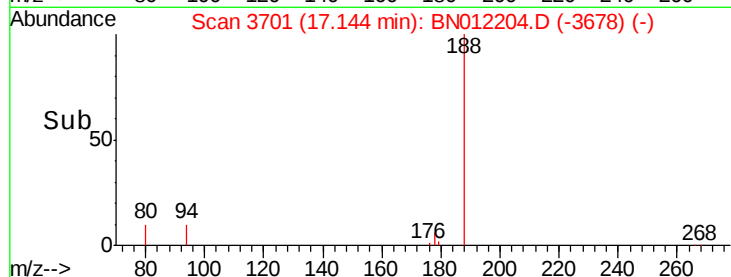
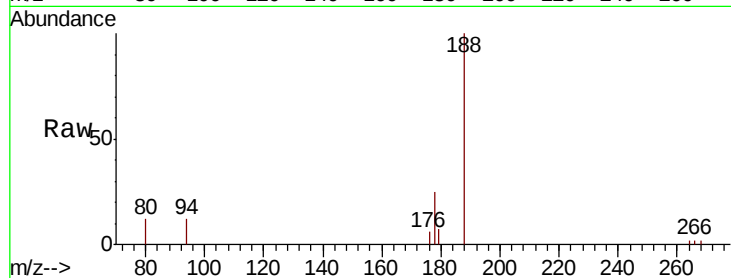
#13
 Anthracene
 Concen: 0.062 ng/ul m
 RT: 17.14 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BN012204.D
 Acq: 14 Oct 2020 20:55

Instrument :
 BNA_N
 ClientSampled :
 C0AD1

Tot Ion	Ratio	Lower	Upper
178	100		
179	26.6	13.9	20.9#
176	25.8	15.4	23.0#

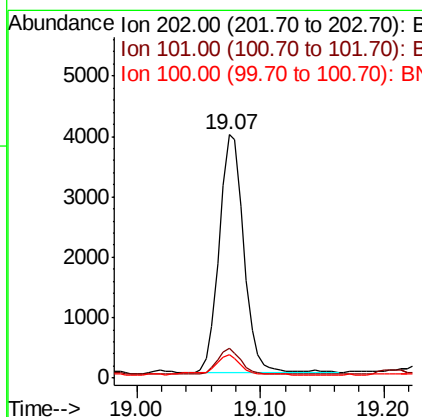
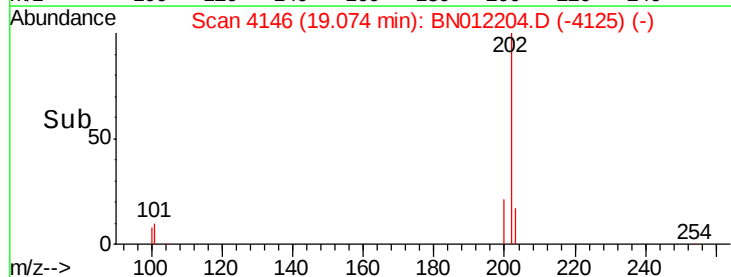
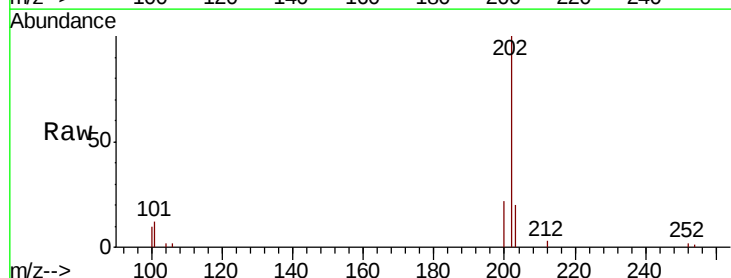
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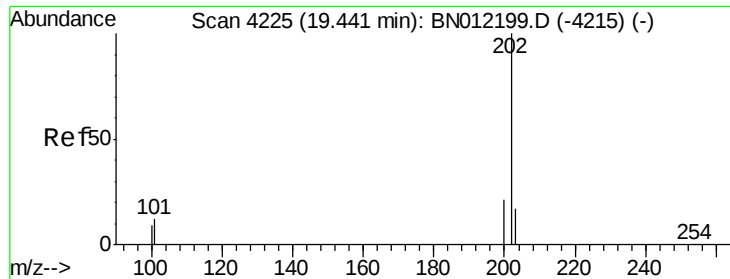
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#15
 Fluoranthene
 Concen: 0.250 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN012204.D
 Acq: 14 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
100	9.8	0.0	28.7





#17

Pvrene

Concen: 0.936 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Instrument :

BNA_N

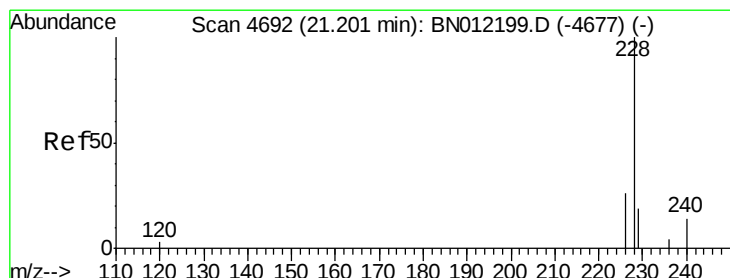
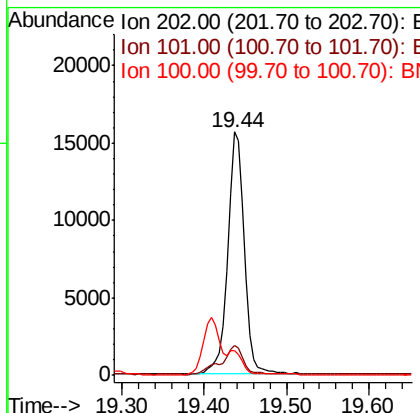
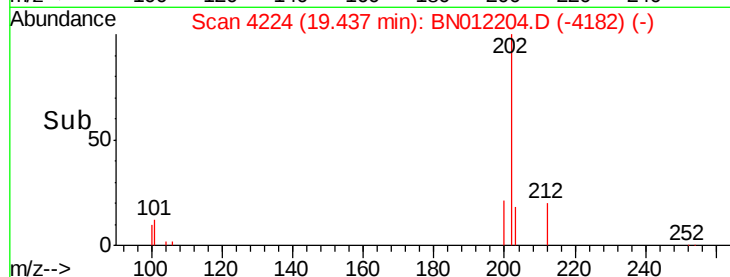
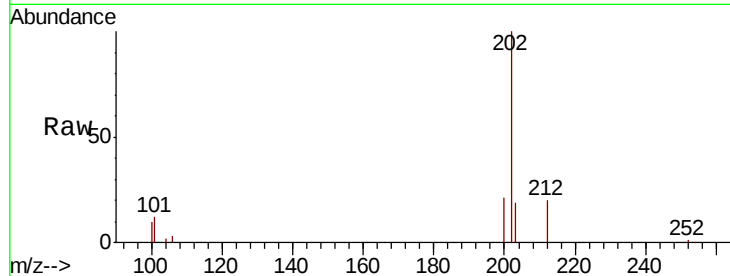
ClientSampleId :

C0AD1

Tot Ion:	202	Resp:	21968
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.9	14.9
100	10.4	8.0	12.0

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#18

Benzo(a)anthracene

Concen: 0.226 ng/ul

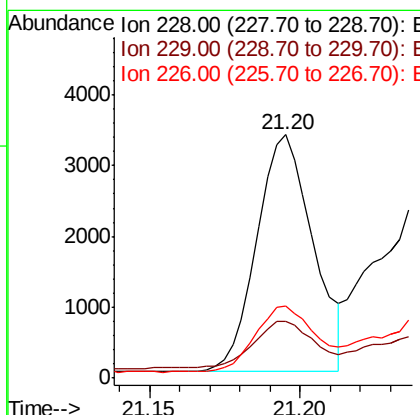
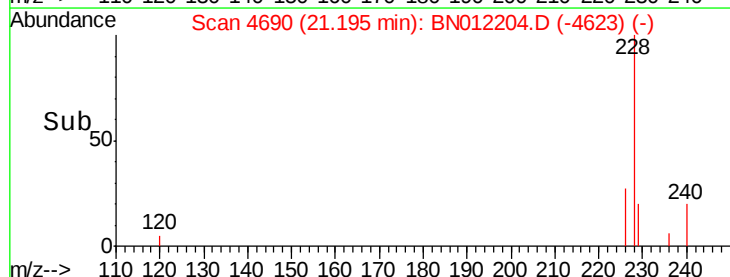
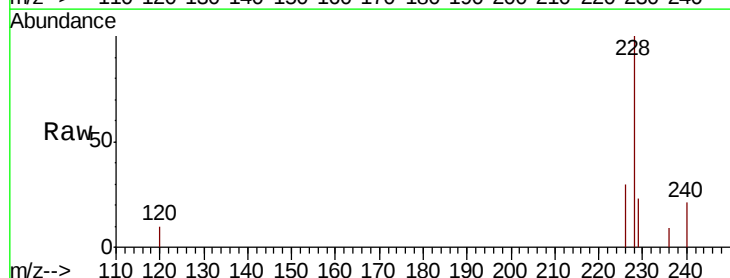
RT: 21.20 min Scan# 4690

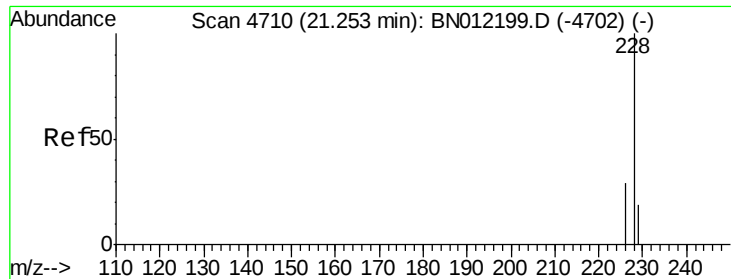
Delta R.T. -0.01 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Tgt Ion:	228	Resp:	4352
Ion Ratio	Lower	Upper	
228	100		
229	23.5	15.8	23.8
226	29.5	22.6	33.8





#19

Chrysene

Concen: 0.293 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. -0.01 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Instrument :

BNA_N

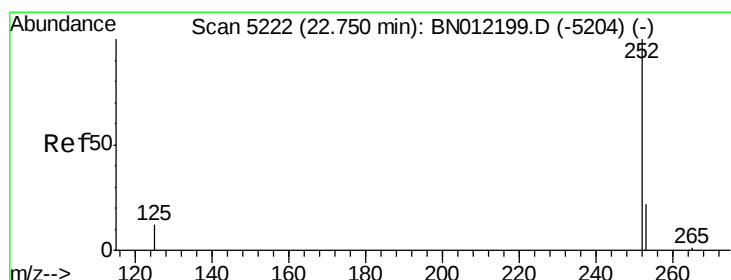
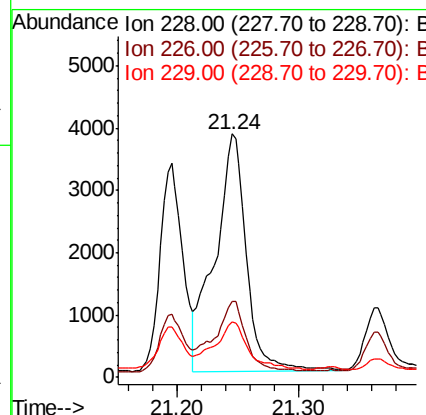
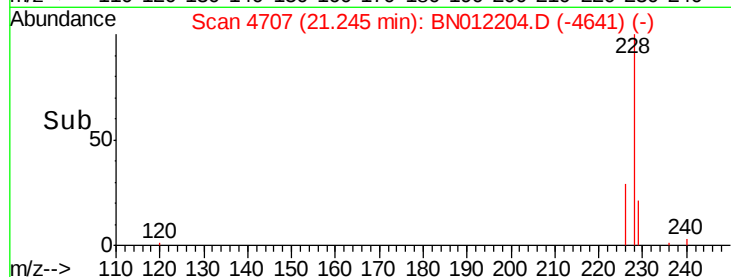
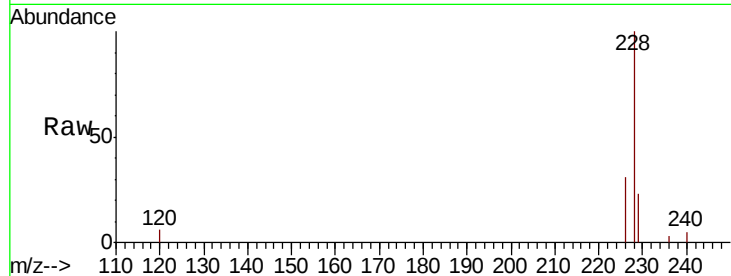
ClientSampleId :

C0AD1

Tot Ion:	228	Resp:	6891
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	37.0
229	23.0	17.0	25.6

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#21

Benzo(b)fluoranthene

Concen: 0.549 ng/ul m

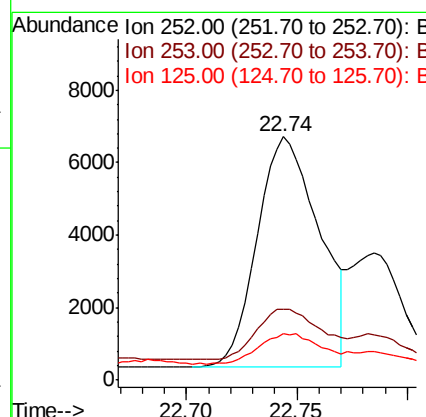
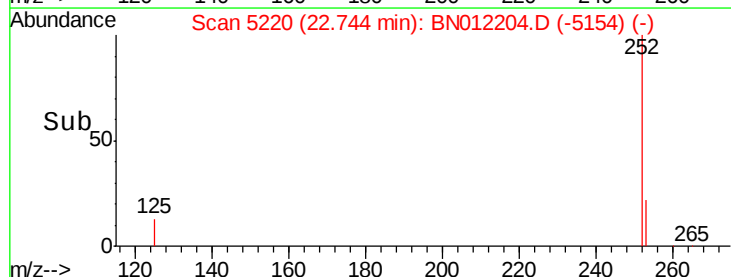
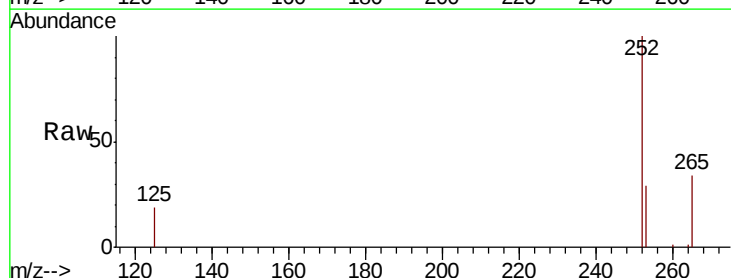
RT: 22.74 min Scan# 5220

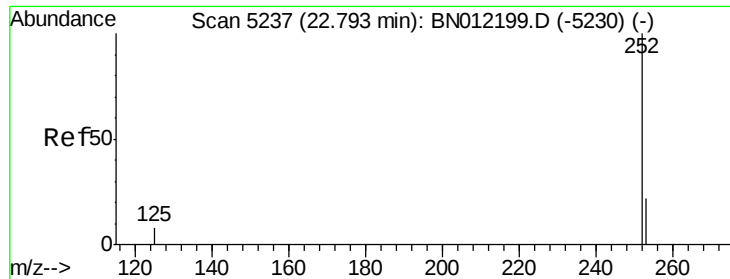
Delta R.T. -0.01 min

Lab File: BN012204.D

Acq: 14 Oct 2020 20:55

Tgt Ion:	252	Resp:	12603
Ion Ratio	Lower	Upper	
252	100		
253	29.2	0.0	61.6
125	19.3	0.0	36.8





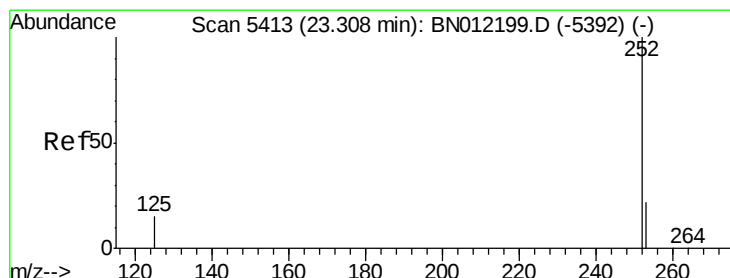
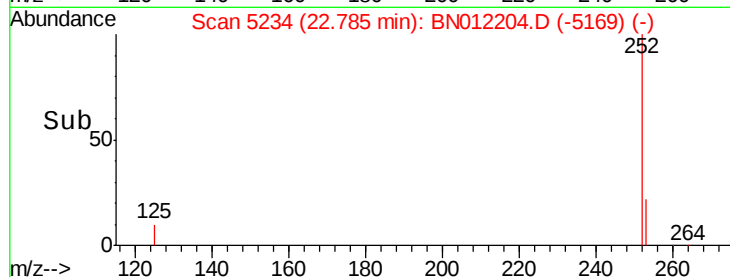
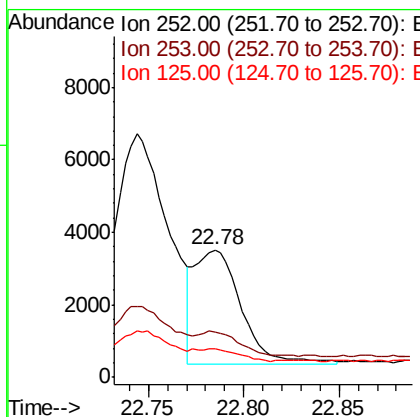
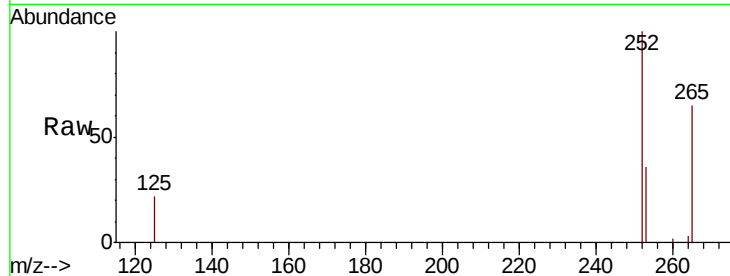
#22
Benzo(k)fluoranthene
Concen: 0.216 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN012204.D
Acq: 14 Oct 2020 20:55

Instrument :
BNA_N
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.7	24.4	36.6
125	22.2	12.9	19.3

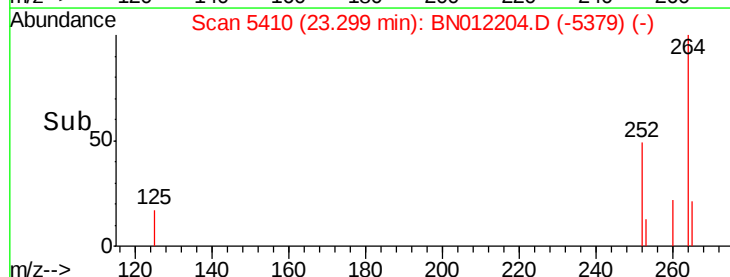
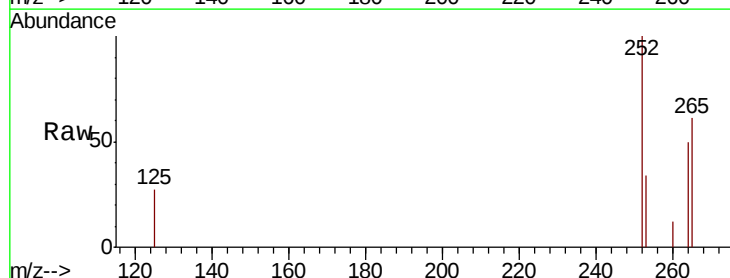
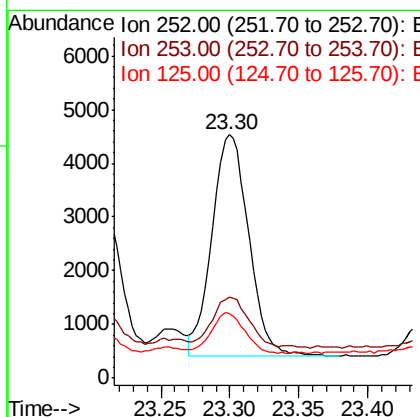
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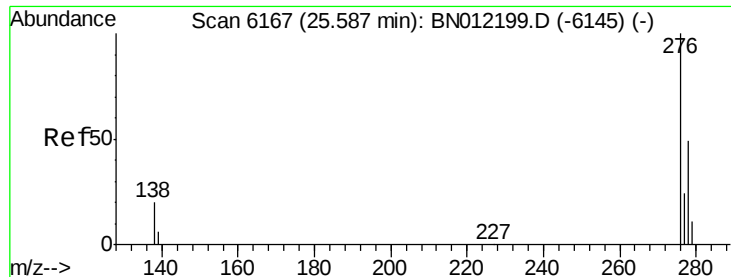
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#23
Benzo(a)pyrene
Concen: 0.341 ng/ul
RT: 23.30 min Scan# 5410
Delta R.T. -0.01 min
Lab File: BN012204.D
Acq: 14 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.5	27.0	40.4
125	26.7	18.8	28.2





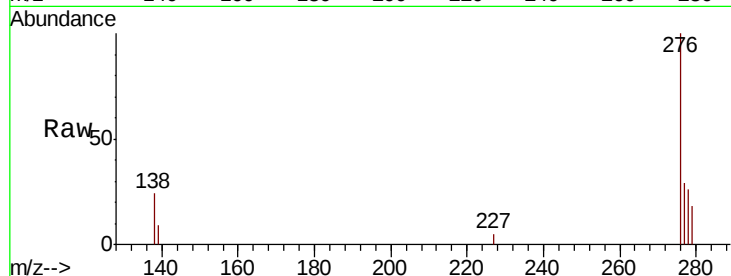
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.01 min
Lab File: BN012204.D
Acq: 14 Oct 2020 20:55

Instrument :
BNA_N
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	0.0	0.0#
227	0.2	0.0	0.0#

Manual Integrations
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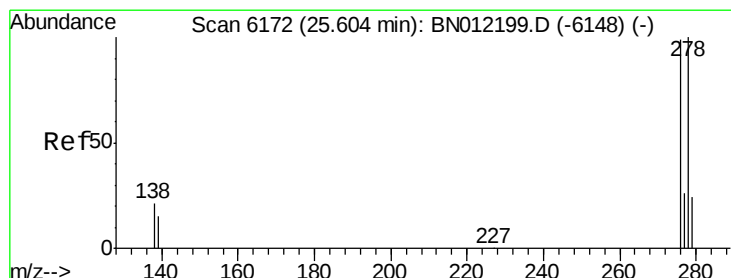
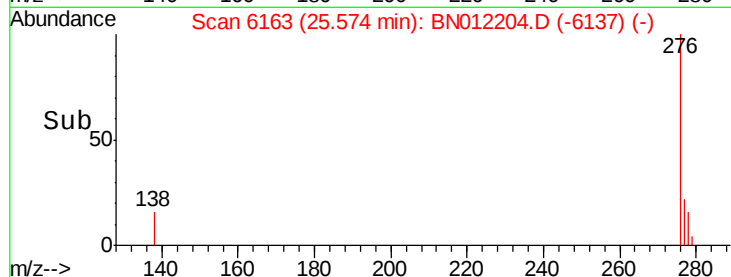
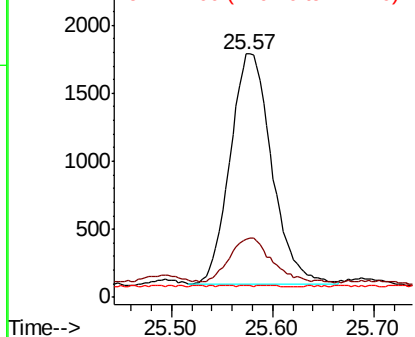


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.02 min
Lab File: BN012204.D
Acq: 14 Oct 2020 20:55

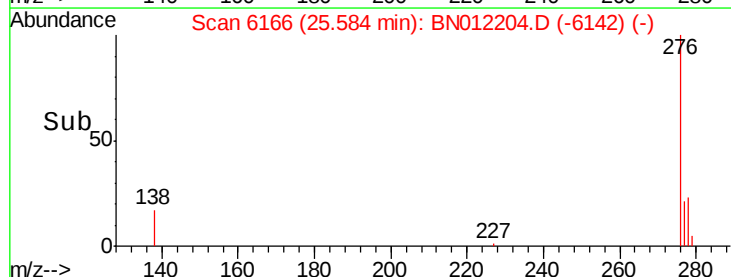
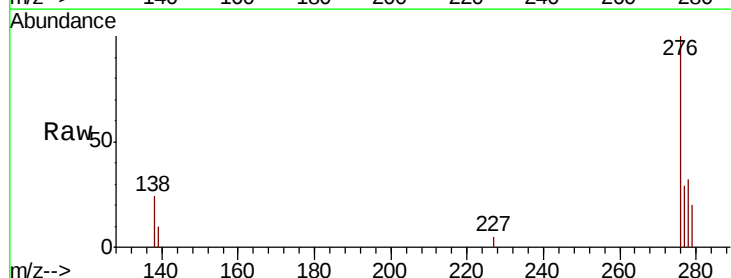
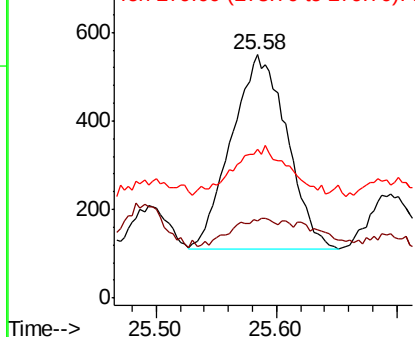
Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.5	15.7	23.5#
279	61.1	26.0	39.0#

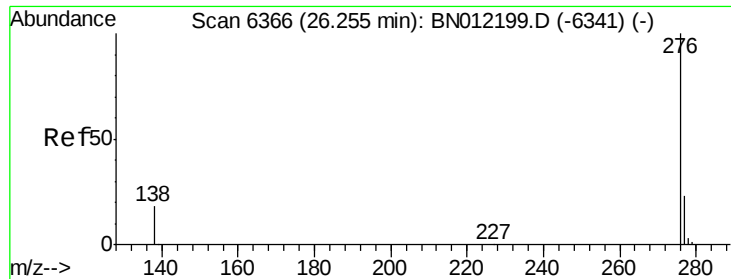
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
Benzo(a,h,i)perylene
Concen: 0.152 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. -0.01 min
Lab File: BN012204.D
Acq: 14 Oct 2020 20:55

Instrument :
BNA_N
ClientSampleId :
C0AD1

Tot Ion:	276	Resp:	3999
Ion Ratio	Lower	Upper	
276	100		
138	25.0	17.1	25.7
277	29.5	21.1	31.7

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:58 AM

