

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012209.D
 Acq On : 14 Oct 2020 23:56
 Operator : CG/JU
 Sample : L4166-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Manual Integrations
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mohammad
 10/15/2020 8:21:13 AM

Quant Time: Oct 15 02:45:25 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	1111	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4482	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2692	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5512m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	4740	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	5368	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1810	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4121	0.27	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	494	0.042	ng/ul#	74
12) Phenanthrene	17.05	178	730	0.042	ng/ul#	83
13) Anthracene	17.14	178	840	0.056	ng/ul#	80
15) Fluoranthene	19.07	202	2714	0.132	ng/ul	97
17) Pyrene	19.44	202	3456	0.162	ng/ul#	91
18) Benzo(a)anthracene	21.19	228	1985m	0.113	ng/ul	
19) Chrysene	21.24	228	4174	0.195	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	7096m	0.327	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	2760m	0.115	ng/ul	
23) Benzo(a)pyrene	23.30	252	3992	0.189	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.57	276	2534	0.094	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	651	0.030	ng/ul#	5
26) Benzo(g,h,i)perylene	26.24	276	2189	0.088	ng/ul#	86

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

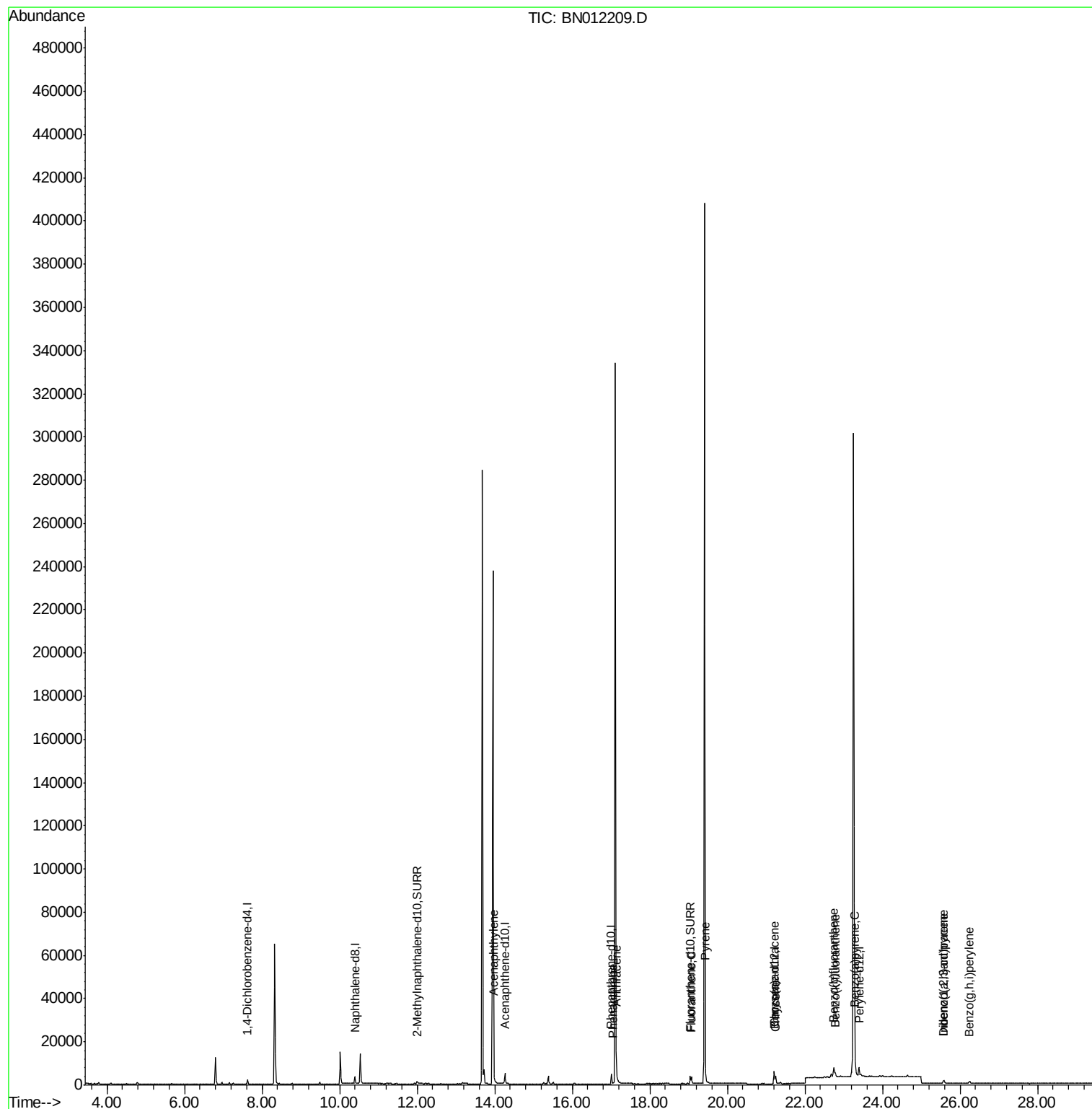
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012209.D
Acq On : 14 Oct 2020 23:56
Operator : CG/JU
Sample : L4166-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

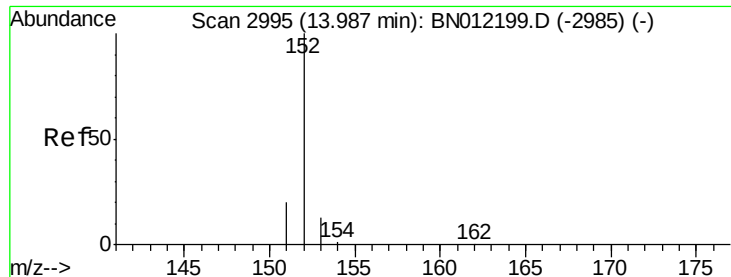
Instrument :
BNA_N
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Quant Time: Oct 15 02:45:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Instrument :

BNA_N

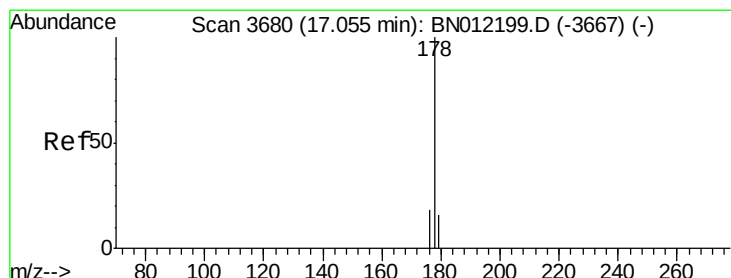
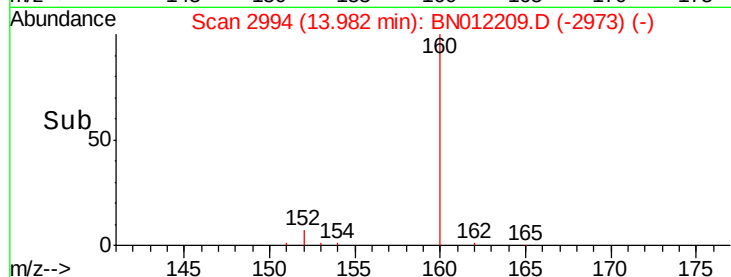
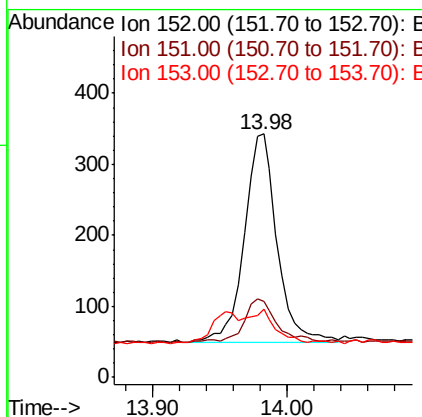
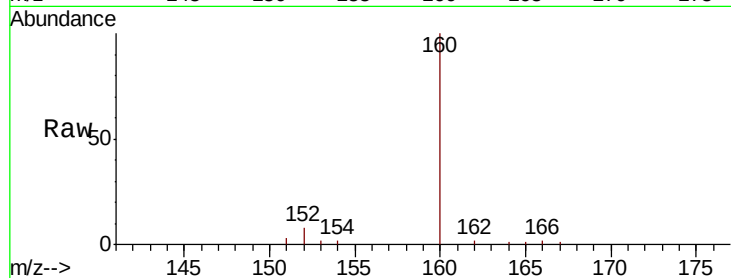
ClientSampleId :

C0AC5

Tot Ion:	152	Resp:	494
Ion Ratio	Lower	Upper	
152	100		
151	31.5	16.7	25.1#
153	28.0	11.8	17.8#

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#12

Phenanthrene

Concen: 0.042 ng/ul

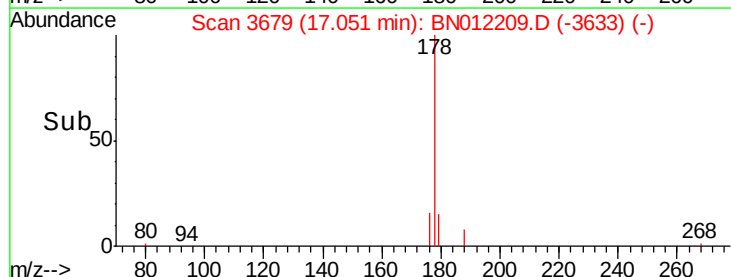
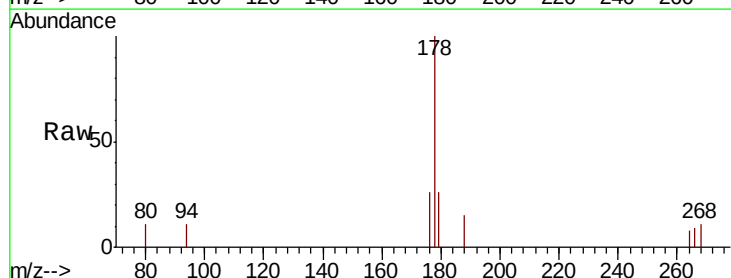
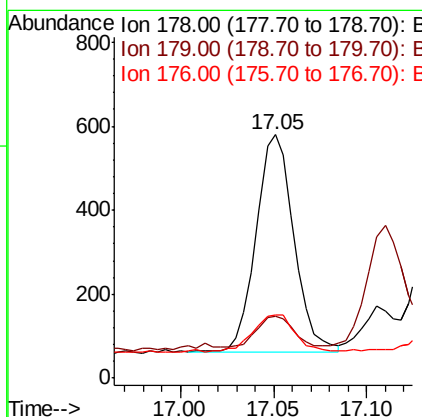
RT: 17.05 min Scan# 3679

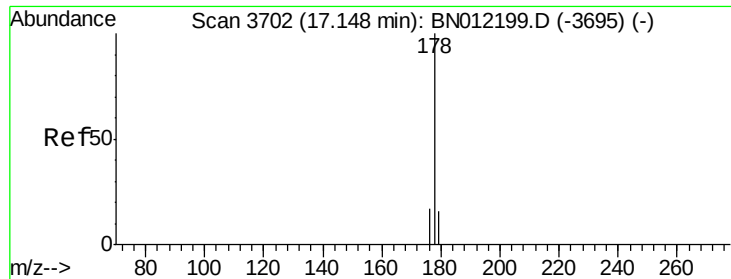
Delta R.T. -0.00 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Tgt Ion:	178	Resp:	730
Ion Ratio	Lower	Upper	
178	100		
179	25.5	13.4	20.2#
176	25.9	15.7	23.5#





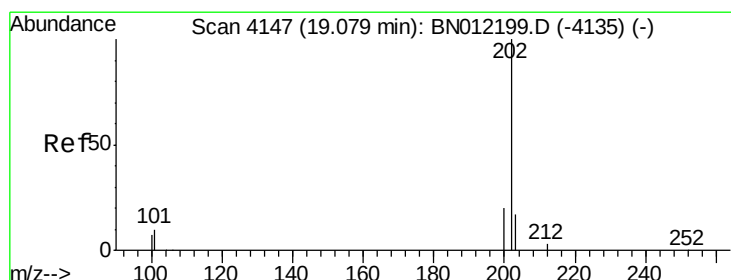
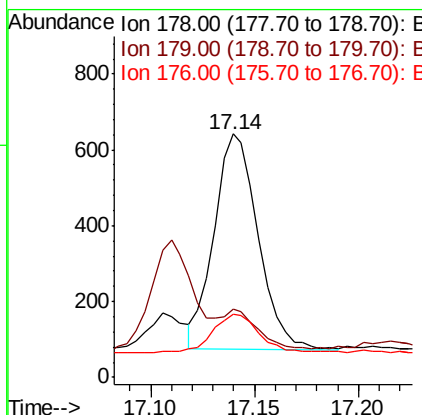
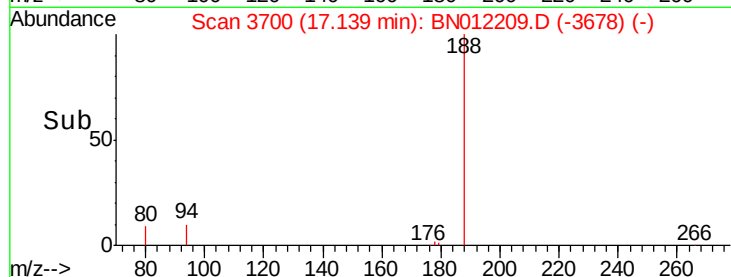
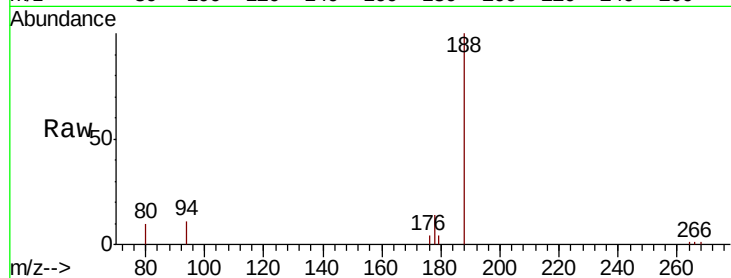
#13
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BN012209.D
 Acq: 14 Oct 2020 23:56

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	28.0	13.9	20.9#
176	26.2	15.4	23.0#

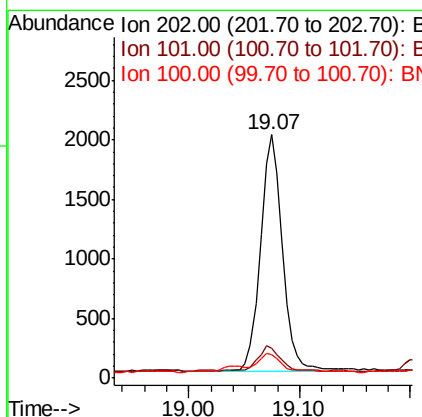
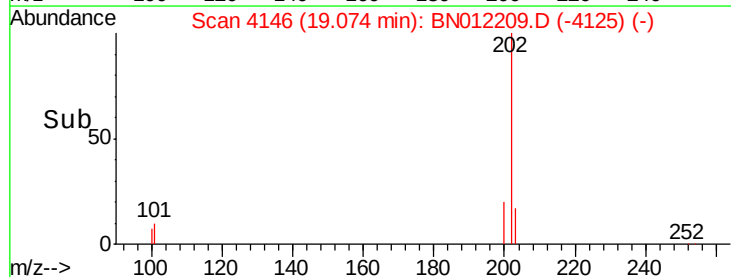
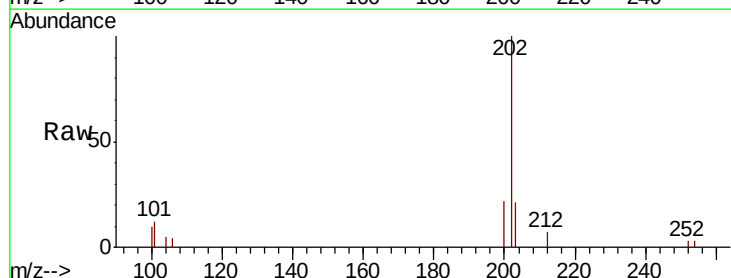
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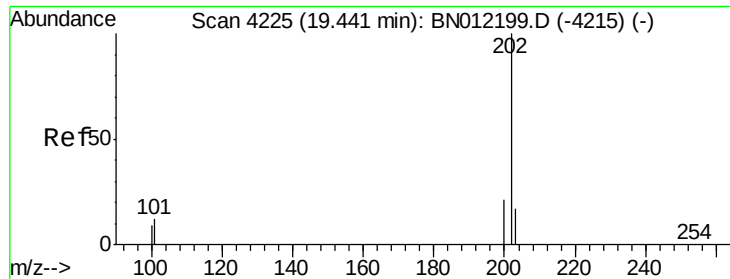
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#15
 Fluoranthene
 Concen: 0.132 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN012209.D
 Acq: 14 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
100	9.7	0.0	28.7





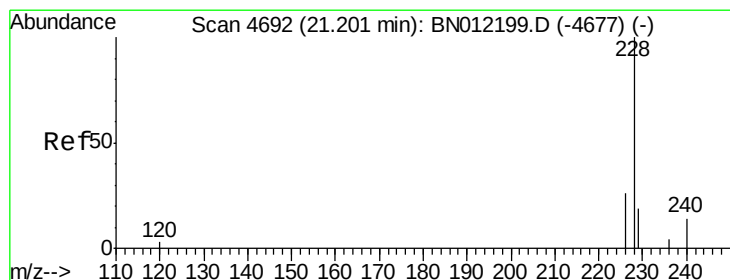
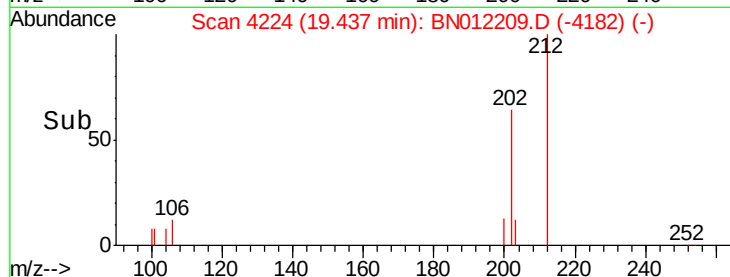
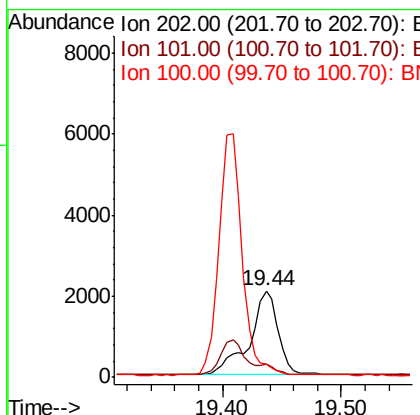
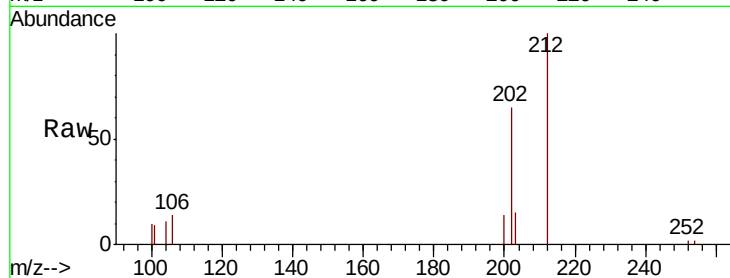
#17
 Pyrene
 Concen: 0.162 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012209.D
 Acq: 14 Oct 2020 23:56

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	9.9	14.9
100	14.8	8.0	12.0

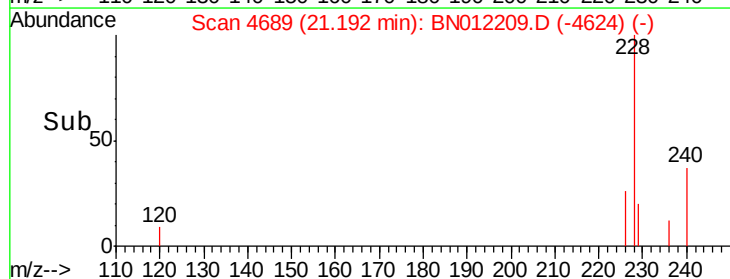
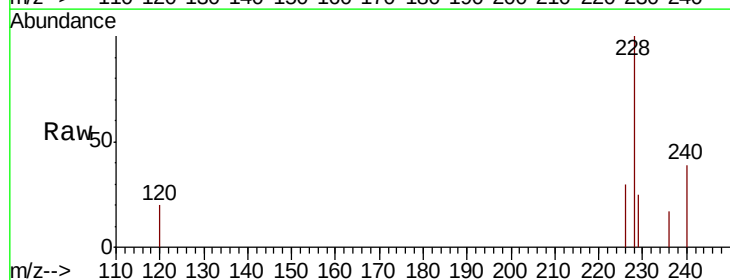
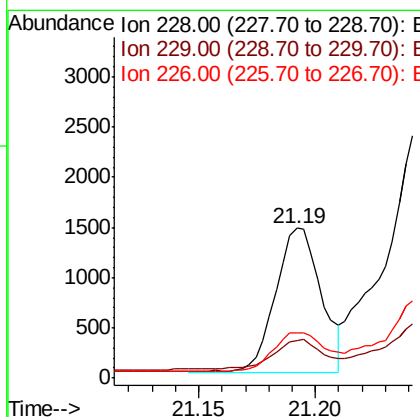
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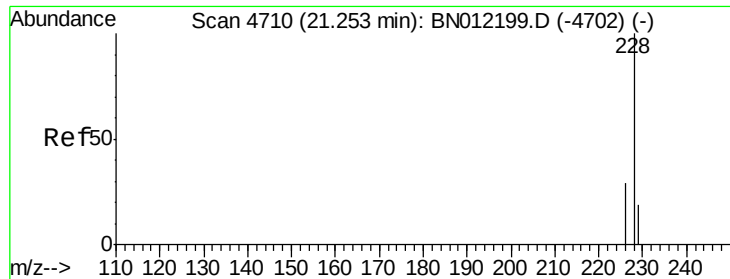
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#18
 Benzo(a)anthracene
 Concen: 0.113 ng/ul m
 RT: 21.19 min Scan# 4689
 Delta R.T. -0.01 min
 Lab File: BN012209.D
 Acq: 14 Oct 2020 23:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.2	15.8	23.8
226	30.1	22.6	33.8





#19

Chrysene

Concen: 0.195 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Instrument :

BNA_N

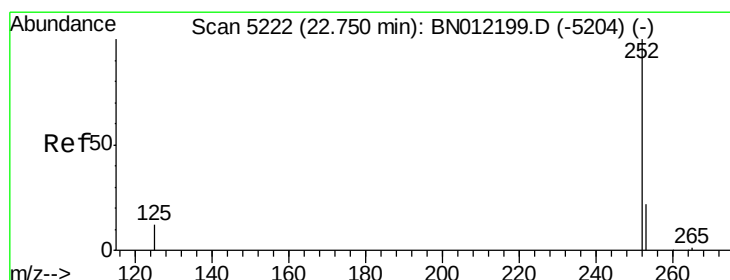
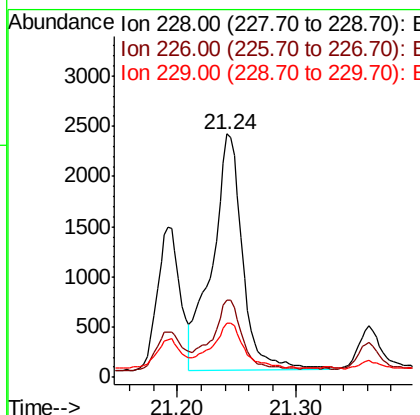
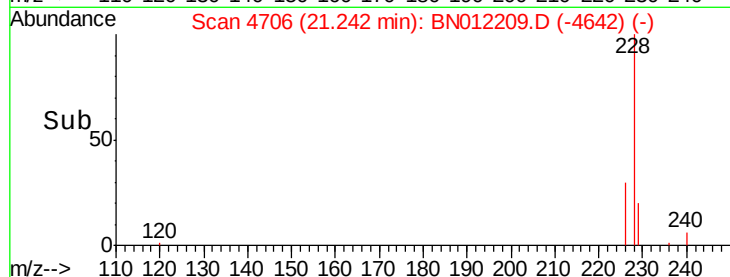
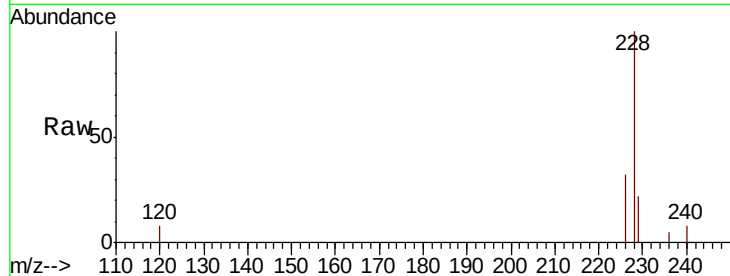
ClientSampled :

C0AC5

Tot Ion:	228	Resp:	4174
Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	37.0
229	22.4	17.0	25.6

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#21

Benzo(b)fluoranthene

Concen: 0.327 ng/ul m

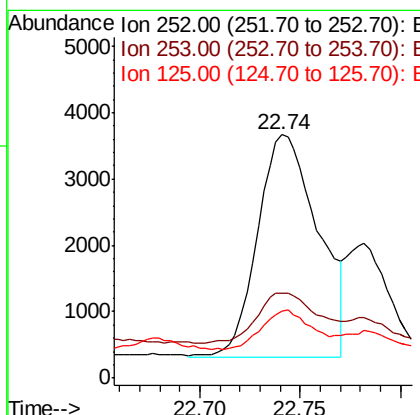
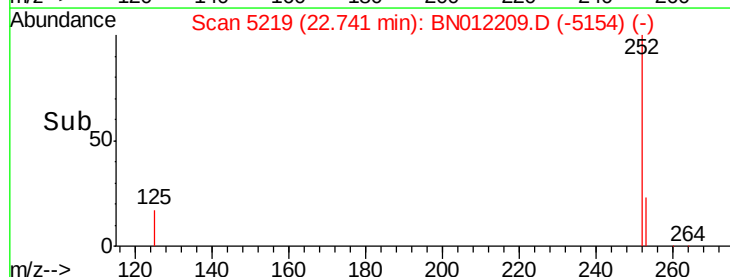
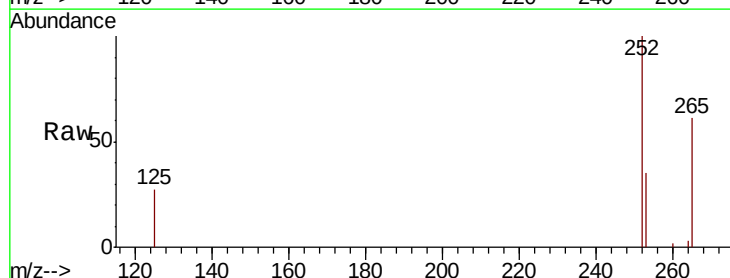
RT: 22.74 min Scan# 5219

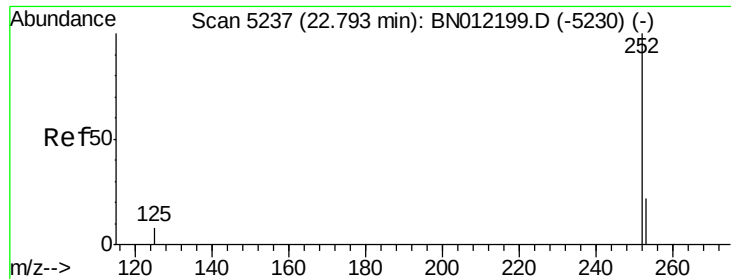
Delta R.T. -0.01 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Tgt Ion:	252	Resp:	7096
Ion	Ratio	Lower	Upper
252	100		
253	34.8	0.0	61.6
125	27.4	0.0	36.8





#22

Benzo(k)fluoranthene

Concen: 0.115 ng/ul m

RT: 22.78 min Scan# 5233

Delta R.T. -0.01 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Instrument :

BNA_N

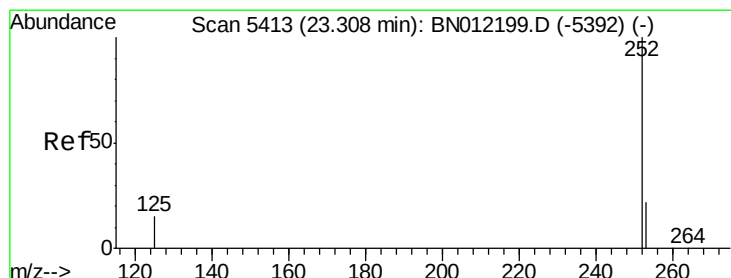
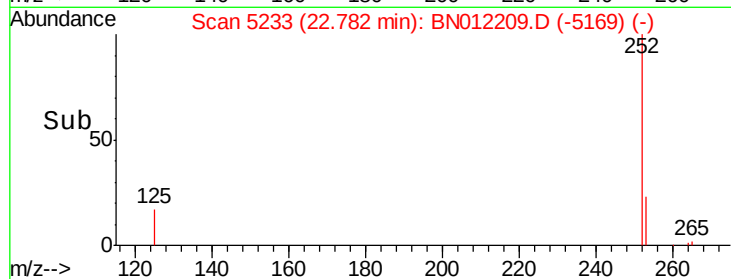
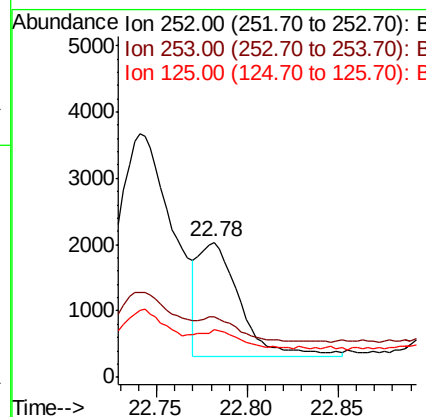
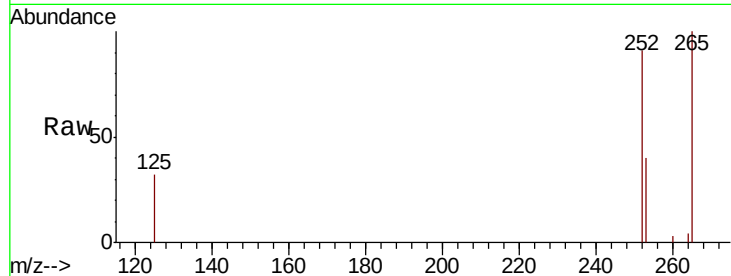
ClientSampleId :

C0AC5

Tot Ion:	252	Resp:	2760
Ion Ratio	Lower	Upper	
252	100		
253	44.5	24.4	36.6#
125	35.3	12.9	19.3#

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#23

Benzo(a)pyrene

Concen: 0.189 ng/ul

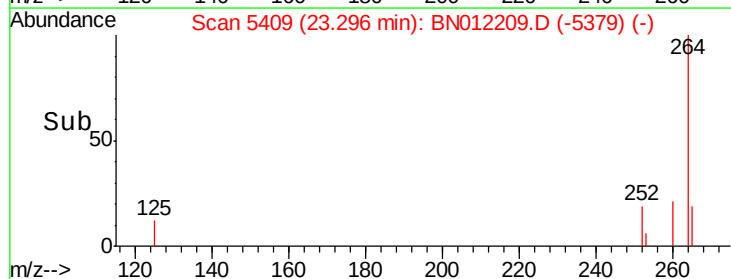
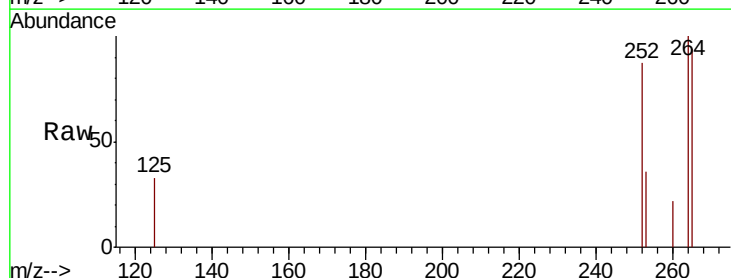
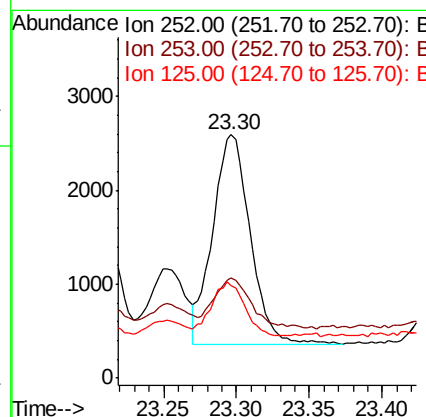
RT: 23.30 min Scan# 5409

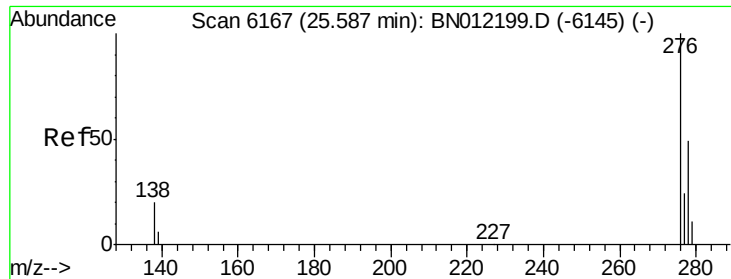
Delta R.T. -0.01 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Tgt Ion:	252	Resp:	3992
Ion Ratio	Lower	Upper	
252	100		
253	41.4	27.0	40.4#
125	37.8	18.8	28.2#





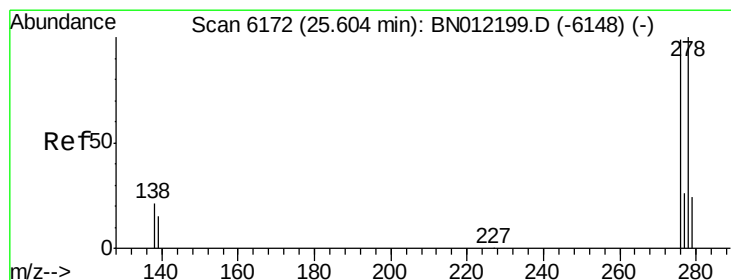
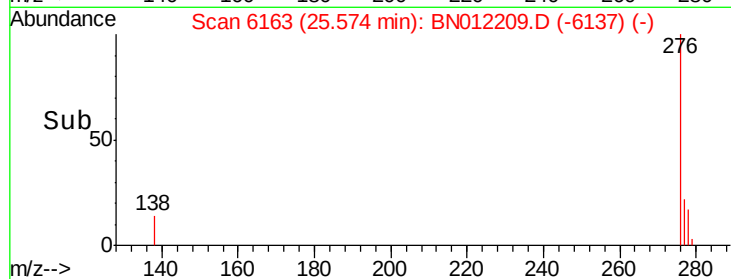
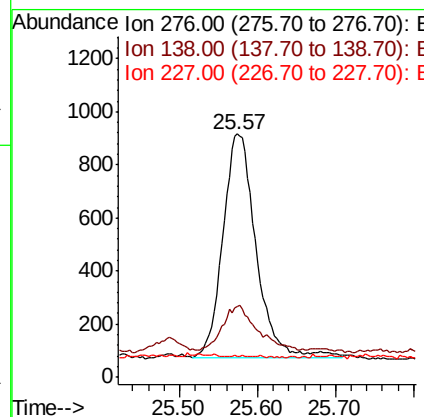
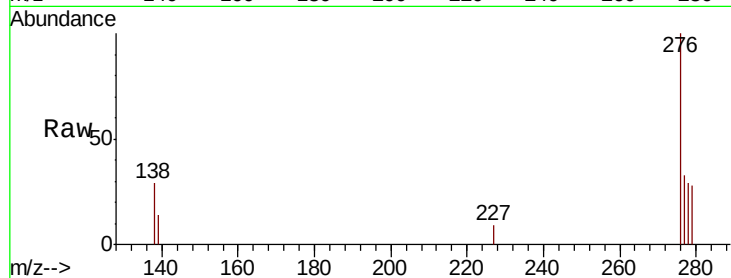
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.01 min
Lab File: BN012209.D
Acq: 14 Oct 2020 23:56

Instrument :
BNA_N
ClientSampleId :
C0AC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	0.0	0.0#
227	0.2	0.0	0.0#

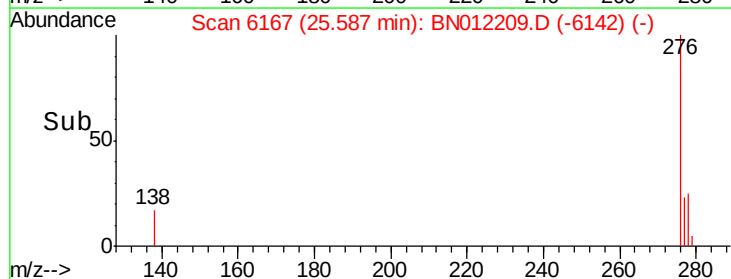
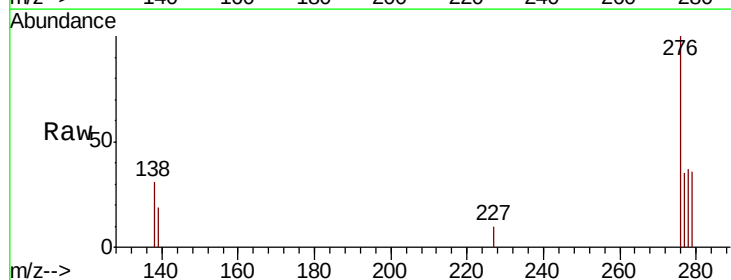
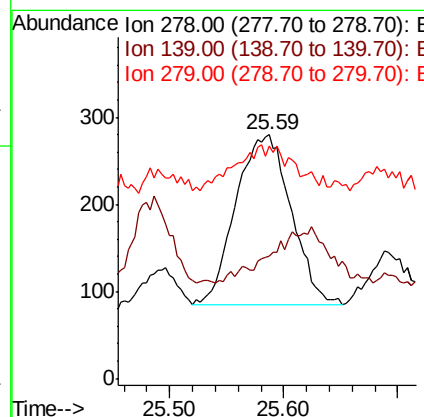
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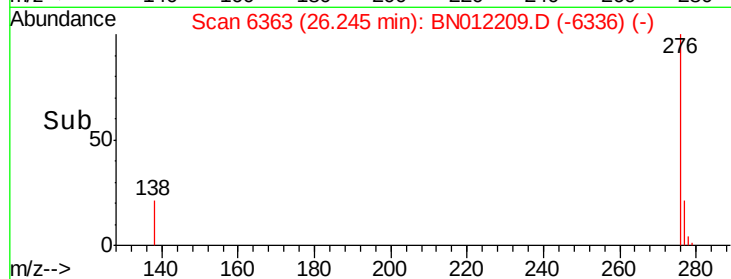
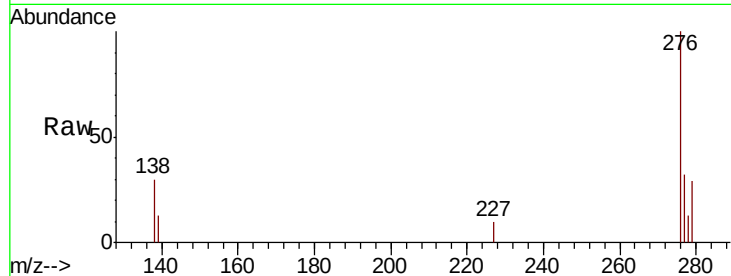
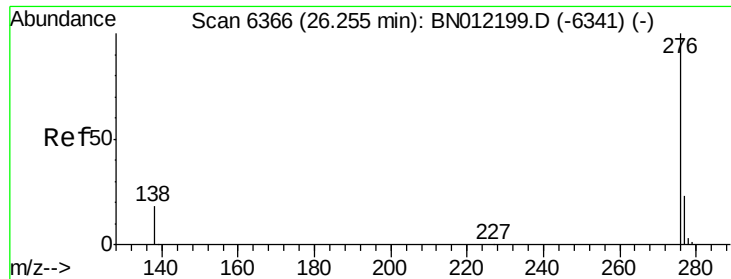
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#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.02 min
Lab File: BN012209.D
Acq: 14 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	50.4	15.7	23.5#
279	95.4	26.0	39.0#





#26

Benzo(a,h,i)perylene

Concen: 0.088 ng/ul

RT: 26.24 min Scan# 6363

Delta R.T. -0.01 min

Lab File: BN012209.D

Acq: 14 Oct 2020 23:56

Instrument :

BNA_N

ClientSampleId :

C0AC5

Tot Ion:	276	Resp:	2189
Ion Ratio	Lower	Upper	
276	100		
138	30.1	17.1	25.7#
277	31.7	21.1	31.7#

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