

Data File : BN012252.D
Acq On : 16 Oct 2020 04:14
Operator : CG/JU
Sample : L4235-16
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AQ2

Manual Integrations
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Quant Time: Oct 16 06:42:50 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 06:21:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1664	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7071	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4139	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8627	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7571	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7793	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1774	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4083	0.17	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.98	152	896	0.050	ng/ul#	85
8) Acenaphthene	14.32	153	376	0.025	ng/ul	96
9) Fluorene	15.31	166	568	0.034	ng/ul#	96
12) Phenanthrene	17.05	178	15622	0.568	ng/ul	98
13) Anthracene	17.14	178	2778	0.118	ng/ul	96
15) Fluoranthene	19.07	202	53973	1.678	ng/ul	99
17) Pyrene	19.44	202	44072	1.291	ng/ul	98
18) Benzo(a)anthracene	21.19	228	22205	0.792	ng/ul	98
19) Chrysene	21.24	228	29878	0.874	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	42372m	1.346	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	15364m	0.441	ng/ul	
23) Benzo(a)pyrene	23.30	252	23254	0.759	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.57	276	19314	0.491	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	4861	0.154	ng/ul#	91
26) Benzo(g,h,i)perylene	26.23	276	16987	0.471	ng/ul	98

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

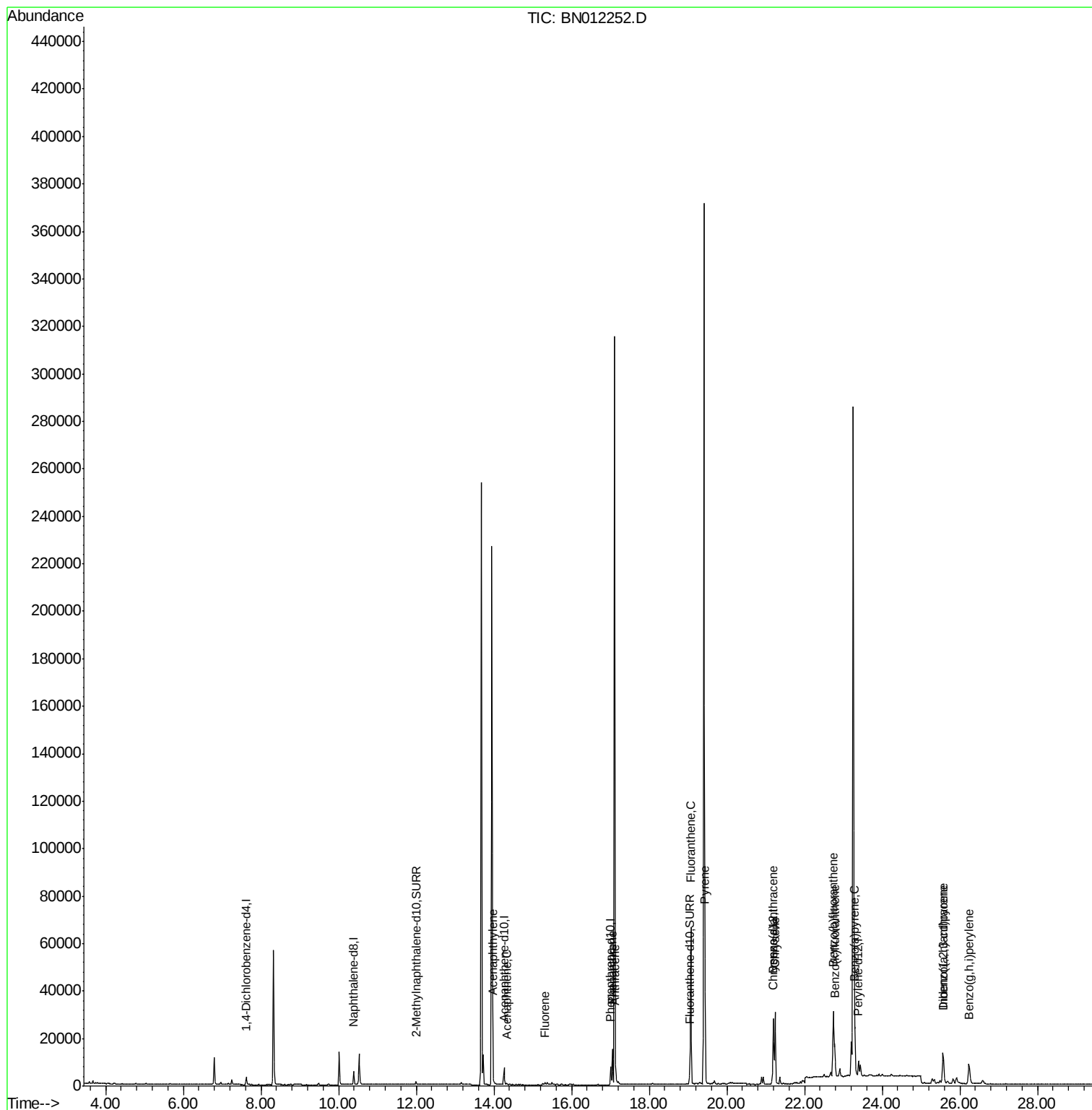
Data File : BN012252.D
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ALS Vial : 64 Sample Multiplier: 1

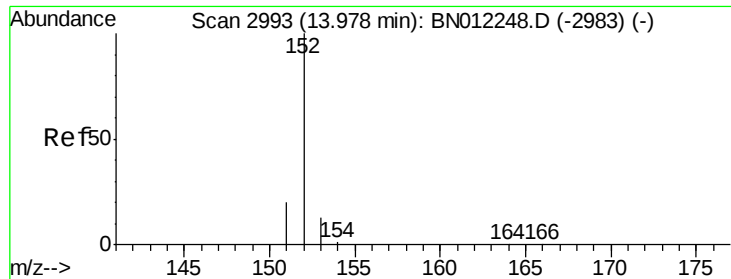
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Quant Time: Oct 16 06:42:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 06:21:01 2020
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#7

Acenaphthylene

Concen: 0.050 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Instrument :

BNA_N

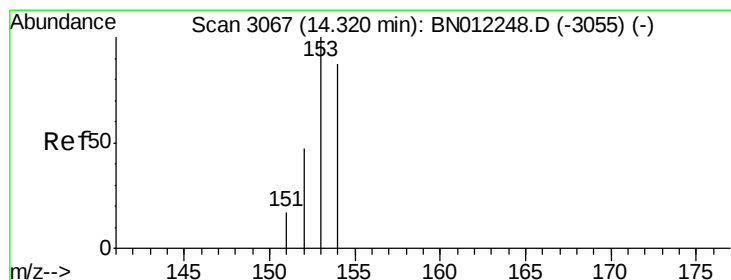
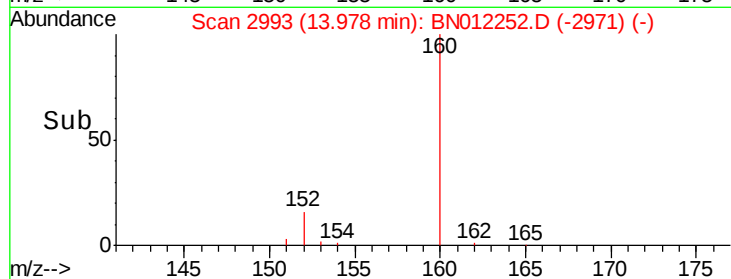
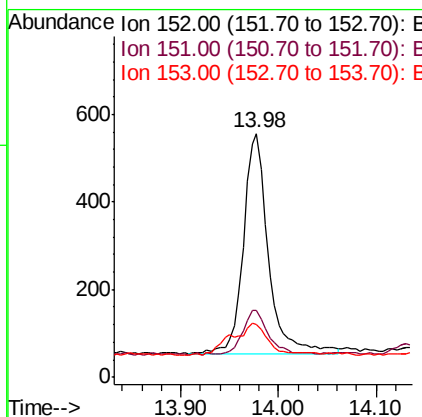
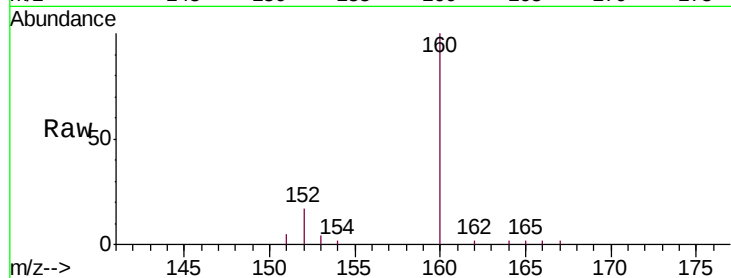
ClientSampleId :

C0AQ2

Tgt Ion:	152	Resp:	896
Ion Ratio	Lower	Upper	
152	100		
151	27.5	16.7	25.1#
153	21.6	11.8	17.8#

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#8

Acenaphthene

Concen: 0.025 ng/ul

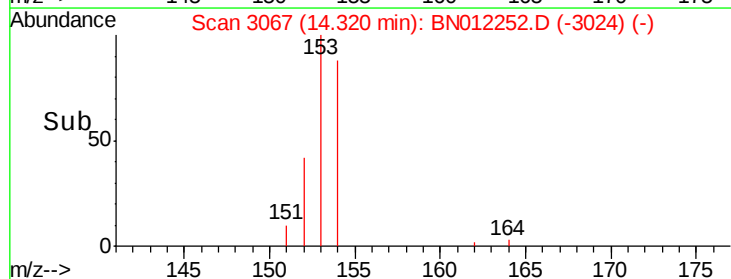
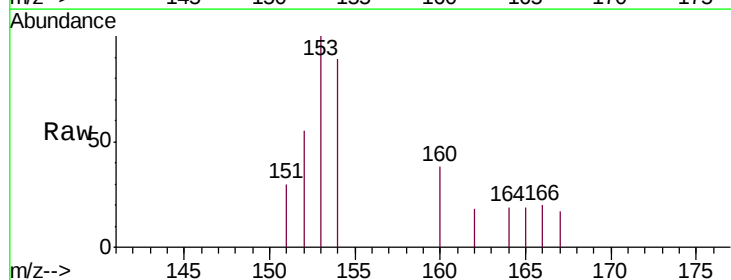
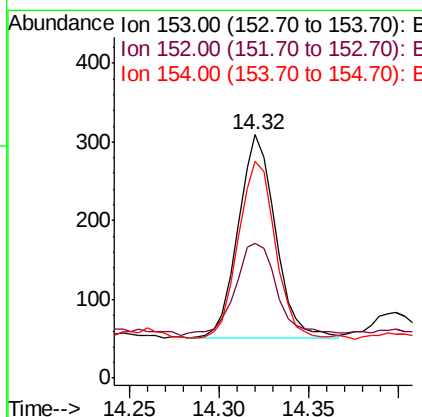
RT: 14.32 min Scan# 3067

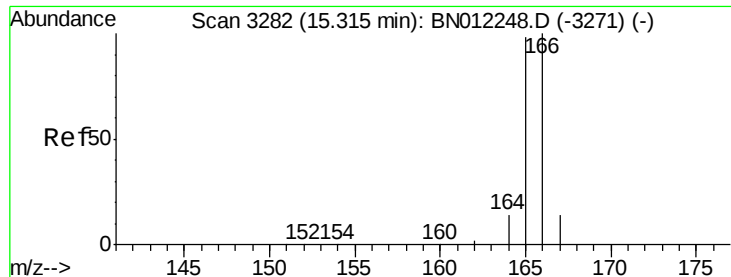
Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Tgt Ion:	153	Resp:	376
Ion Ratio	Lower	Upper	
153	100		
152	55.3	38.2	57.2
154	89.3	71.1	106.7





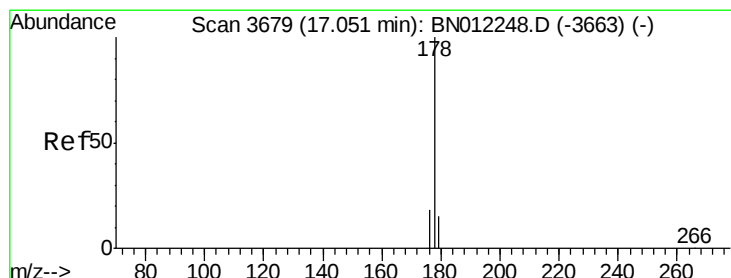
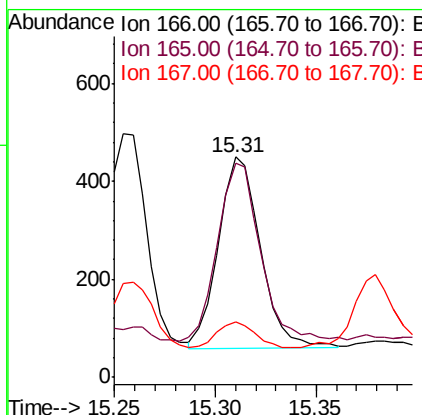
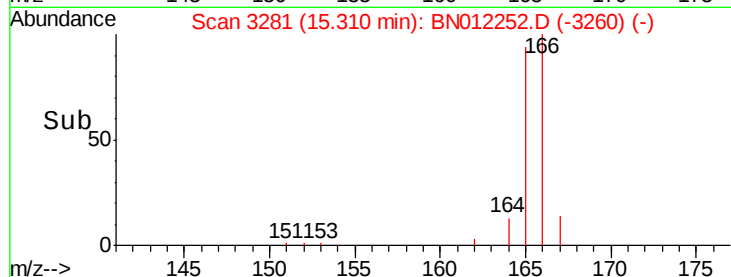
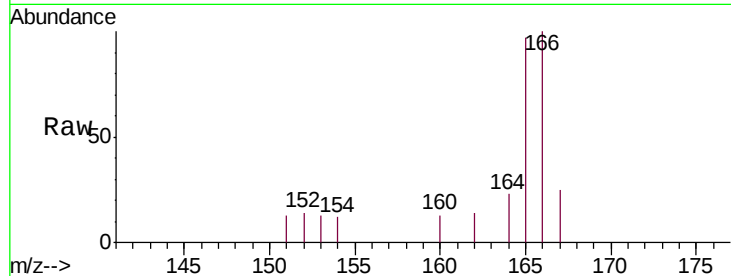
#9
Fluorene
 Concen: 0.034 ng/ul
 RT: 15.31 min Scan# 3281
 Delta R.T. -0.00 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ2

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	118.0
167	24.9	11.9	17.9#

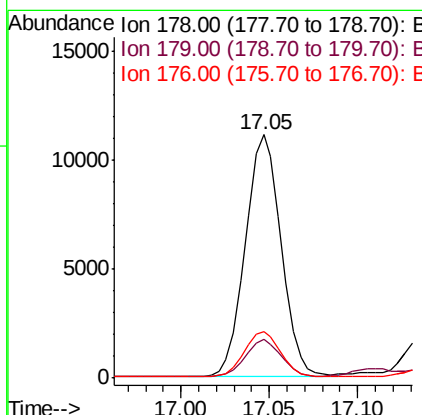
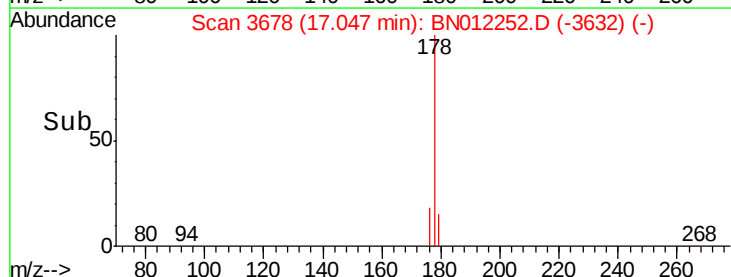
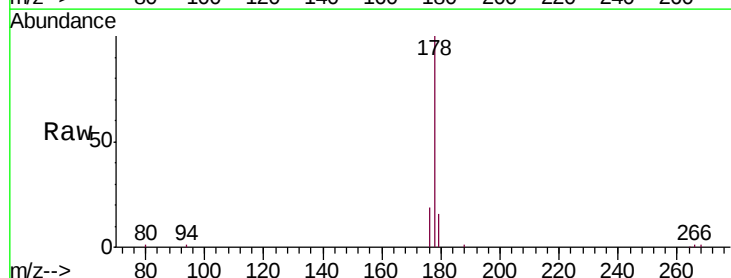
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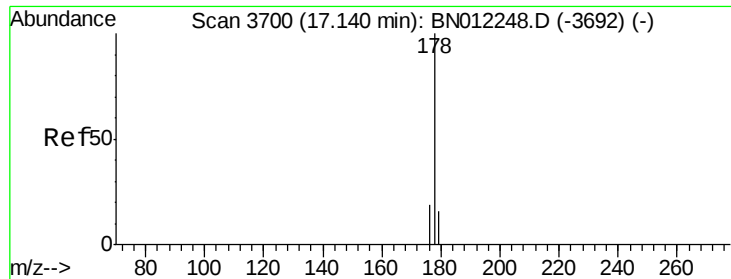
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#12
Phenanthrene
 Concen: 0.568 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.2
176	18.8	15.7	23.5





#13

Anthracene

Concen: 0.118 ng/ul

RT: 17.14 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Instrument :

BNA_N

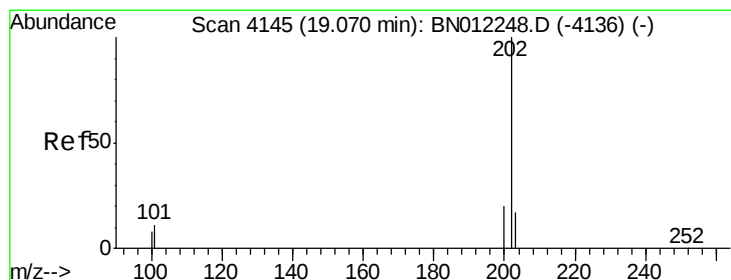
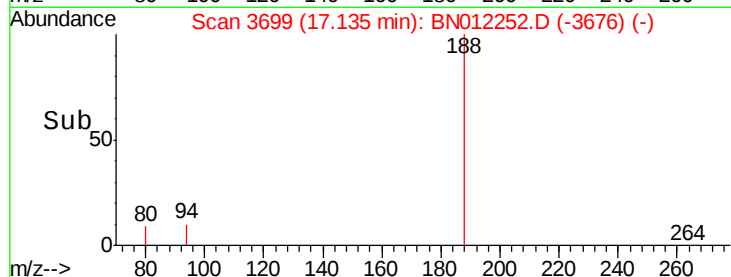
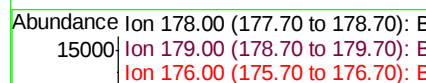
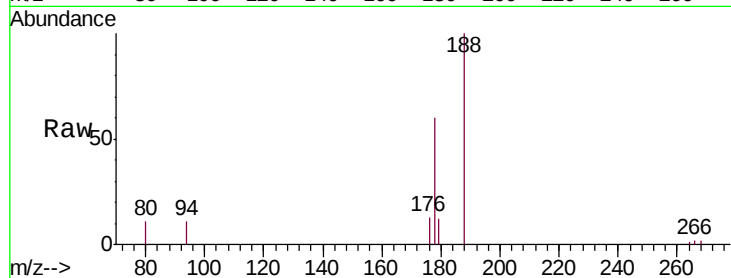
ClientSampleId :

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Tgt Ion:	178	Resp:	2778
Ion Ratio	Lower	Upper	
178	100		
179	19.5	13.9	20.9
176	21.0	15.4	23.0

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#15

Fluoranthene

Concen: 1.678 ng/ul

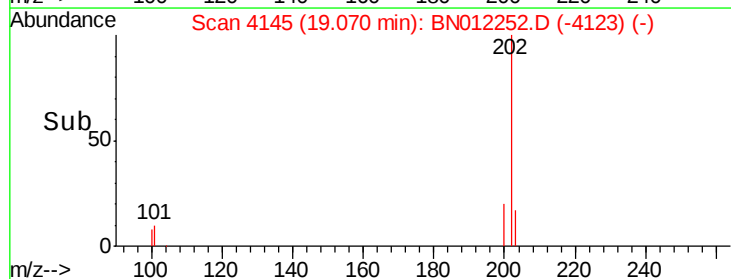
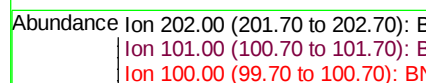
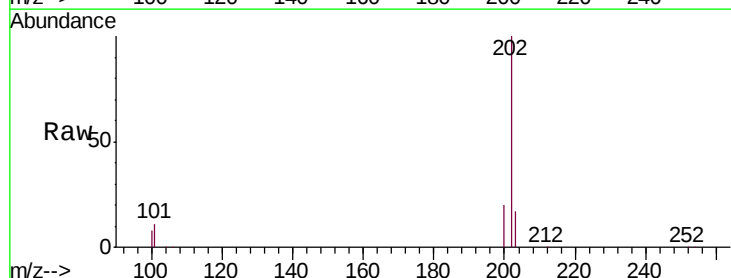
RT: 19.07 min Scan# 4145

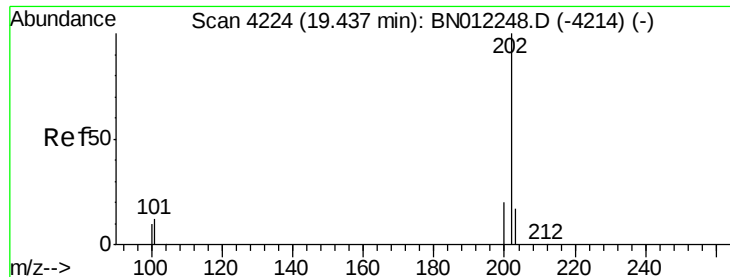
Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Tgt Ion:	202	Resp:	53973
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.0
100	8.0	0.0	28.7





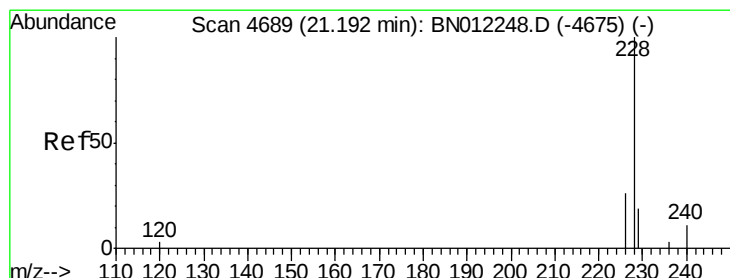
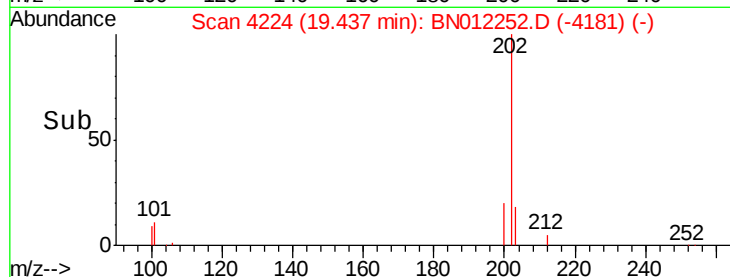
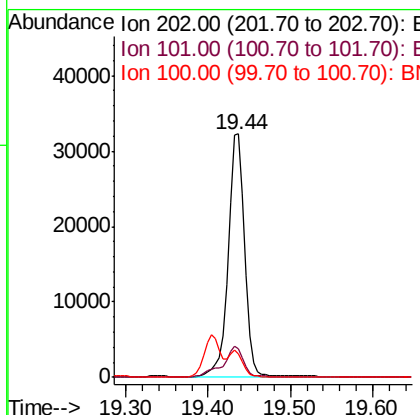
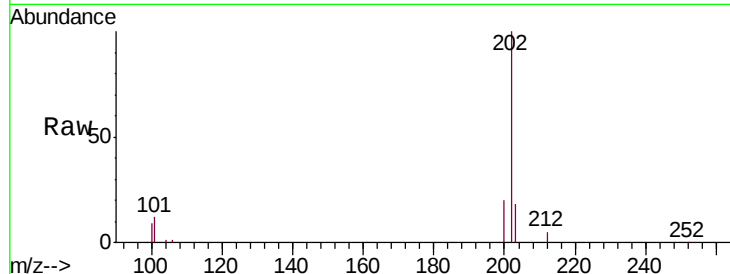
#17
Pyrene
Concen: 1.291 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012252.D
Acq: 16 Oct 2020 04:14

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	9.9	14.9
100	9.5	8.0	12.0

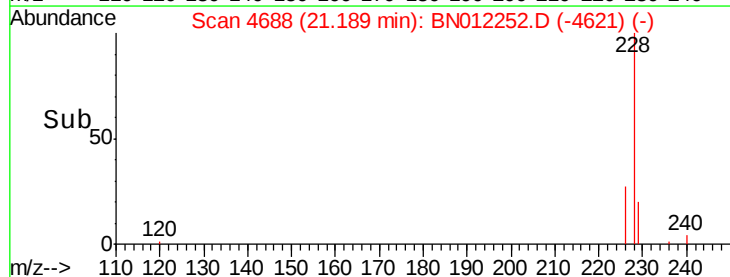
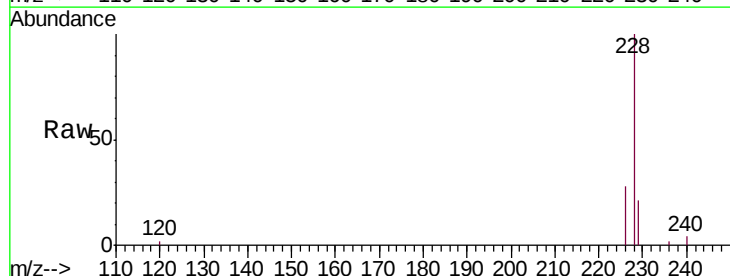
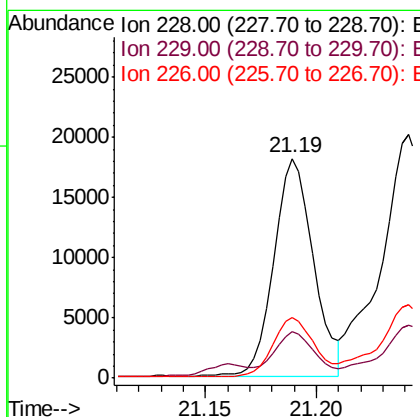
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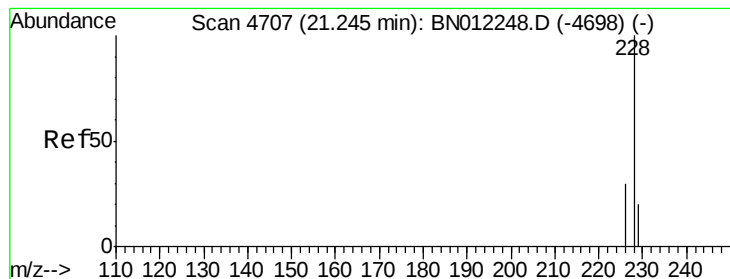
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#18
Benzo(a)anthracene
Concen: 0.792 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN012252.D
Acq: 16 Oct 2020 04:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.8	23.8
226	27.7	22.6	33.8





#19

Chrysene

Concen: 0.874 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Instrument :

BNA_N

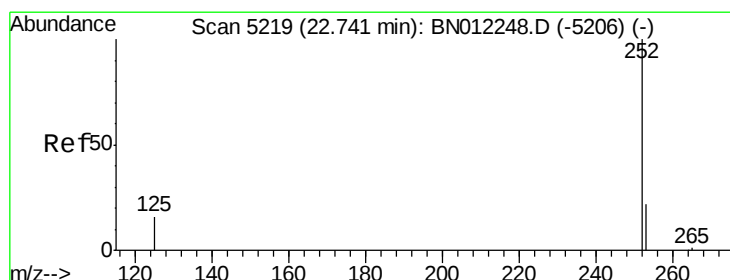
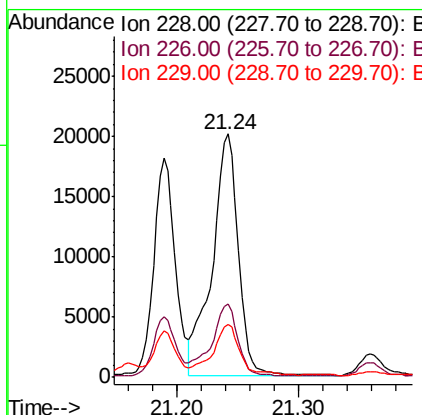
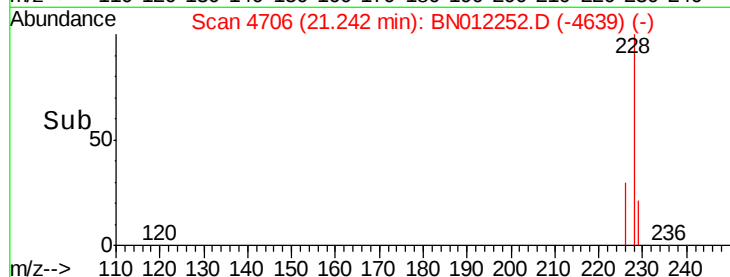
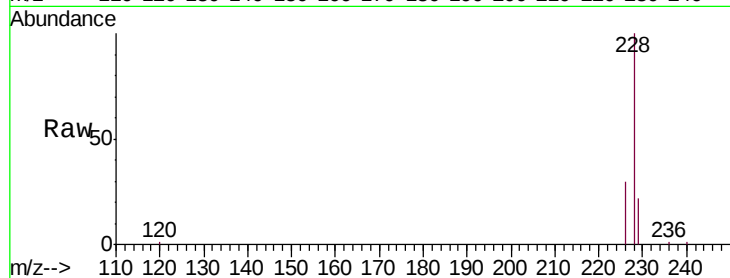
ClientSampleId :

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Tgt Ion:	228	Resp:	29878
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.6	37.0
229	21.8	17.0	25.6

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#21

Benzo(b)fluoranthene

Concen: 1.346 ng/ul m

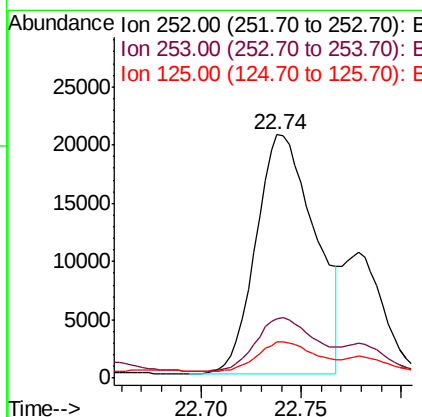
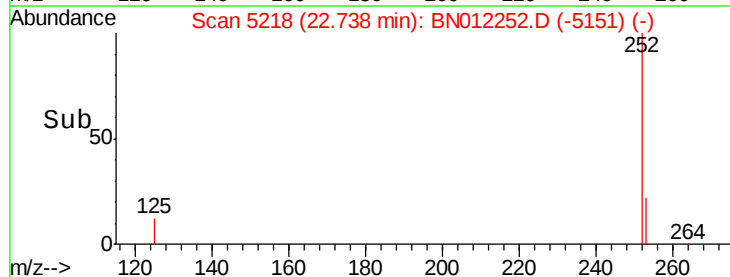
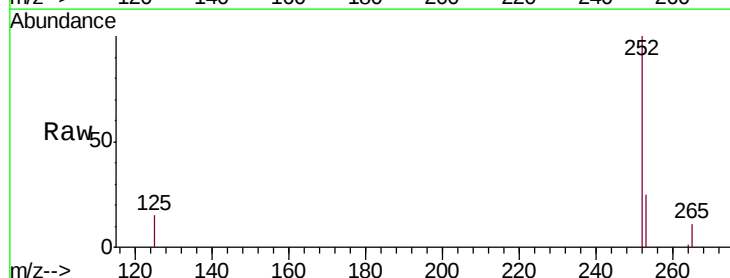
RT: 22.74 min Scan# 5218

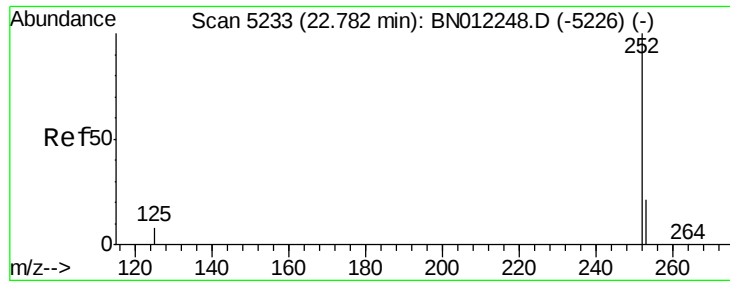
Delta R.T. -0.00 min

Lab File: BN012252.D

Acq: 16 Oct 2020 04:14

Tgt Ion:	252	Resp:	42372
Ion Ratio	Lower	Upper	
252	100		
253	24.6	0.0	61.6
125	14.9	0.0	36.8





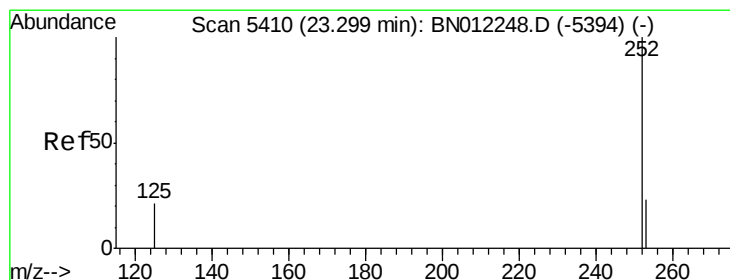
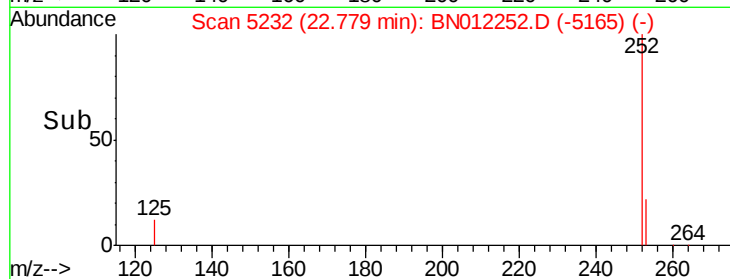
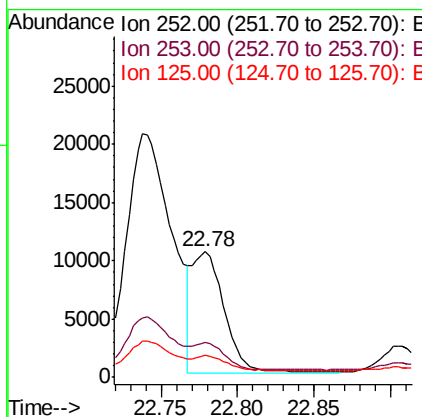
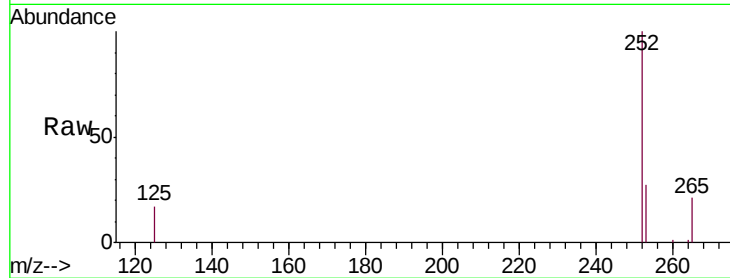
#22
Benzo(k)fluoranthene
Concen: 0.441 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN012252.D
Acq: 16 Oct 2020 04:14

Instrument :
BNA_N
ClientSampleId :
C0AQ2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	24.4	36.6
125	17.2	12.9	19.3

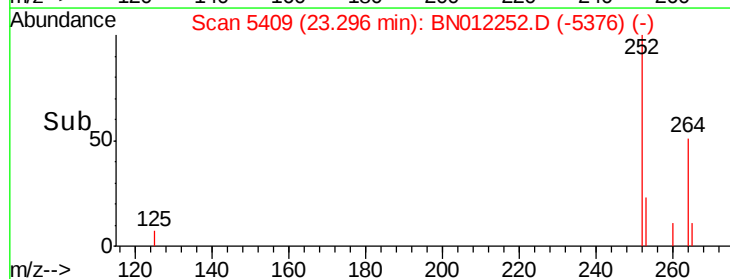
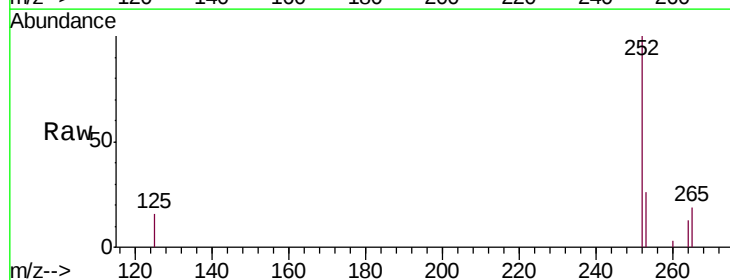
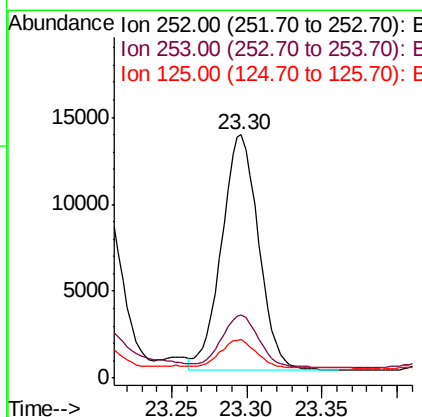
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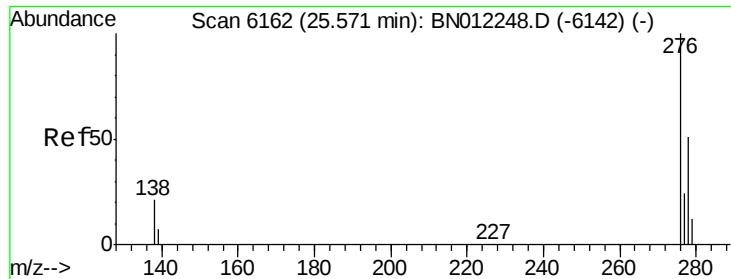
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#23
Benzo(a)pyrene
Concen: 0.759 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.00 min
Lab File: BN012252.D
Acq: 16 Oct 2020 04:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	27.0	40.4#
125	15.7	18.8	28.2#





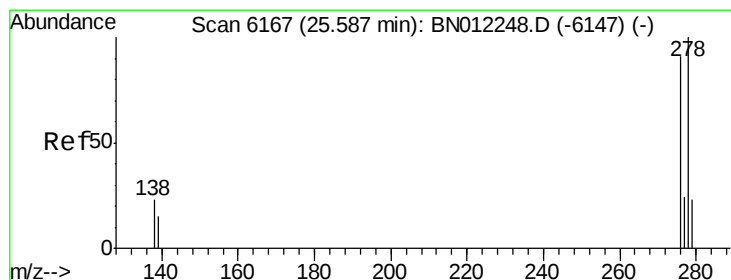
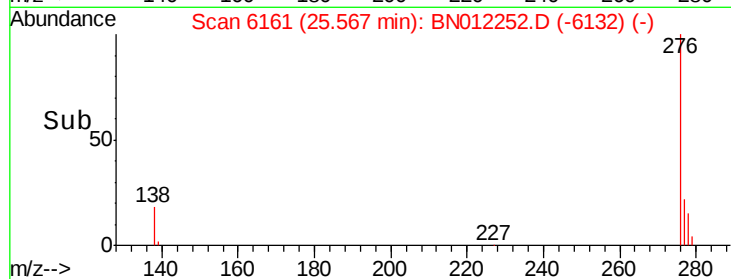
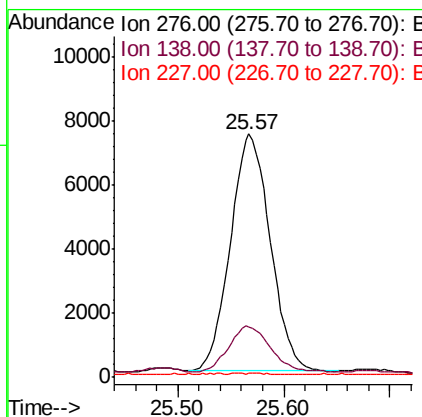
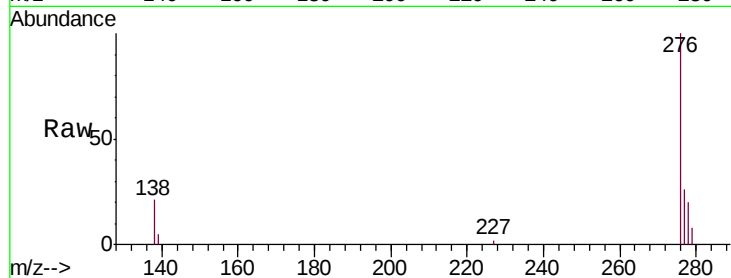
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.491 ng/ul
 RT: 25.57 min Scan# 6161
 Delta R.T. -0.00 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ2

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	19314		
138	19.8	0.0	0.0	0.0
227	0.1	0.0	0.0	0.0

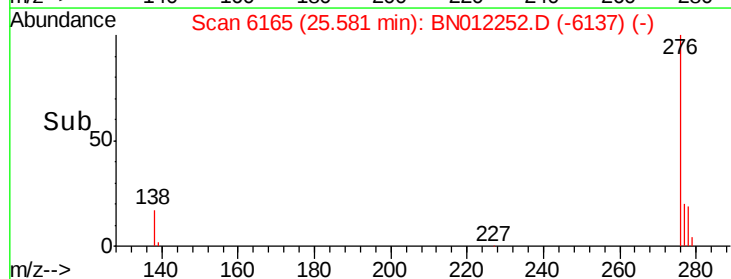
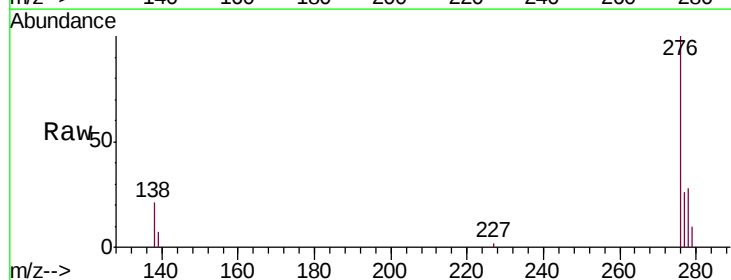
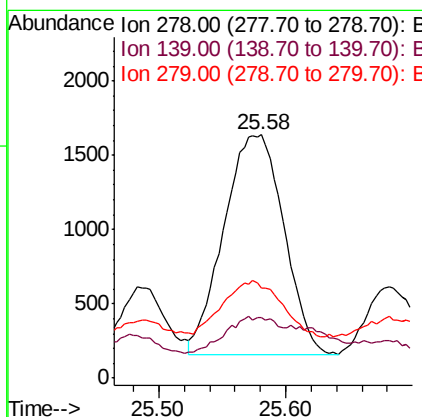
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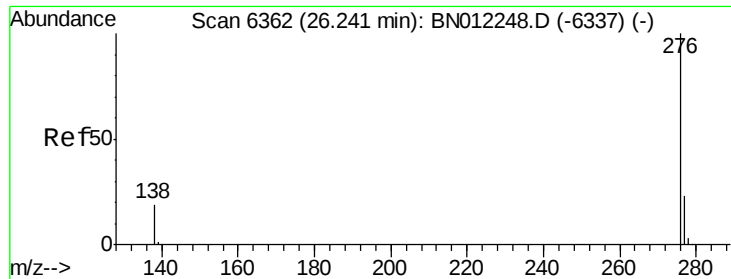
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.154 ng/ul
 RT: 25.58 min Scan# 6165
 Delta R.T. -0.01 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	4861		
139	25.1	15.7	23.5	
279	36.9	26.0	39.0	





#26
 Benzo(g,h,i)perylene
 Concen: 0.471 ng/ul
 RT: 26.23 min Scan# 6360
 Delta R.T. -0.01 min
 Lab File: BN012252.D
 Acq: 16 Oct 2020 04:14

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ2

Tgt Ion:	276	Resp:	16987
Ion Ratio	Lower	Upper	
276	100		
138	21.8	17.1	25.7
277	24.9	21.1	31.7

Manual Integrations
 APPROVED

mohammad
 10/19/2020 1:20:48 PM

