

Data File : BN012254.D
Acq On : 16 Oct 2020 05:27
Operator : CG/JU
Sample : L4235-17
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AQ3

Manual Integrations
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Quant Time: Oct 16 06:46:59 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	1587	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	6701	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3888	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8009	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6907	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7377	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1711	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3880	0.18	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.05	178	1109	0.043	ng/ul#	90
15) Fluoranthene	19.07	202	3971	0.133	ng/ul	95
17) Pyrene	19.44	202	4046	0.130	ng/ul#	94
18) Benzo(a)anthracene	21.19	228	1672	0.065	ng/ul#	89
19) Chrysene	21.24	228	2524	0.081	ng/ul	95
21) Benzo(b)fluoranthene	22.74	252	3822m	0.128	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	1421m	0.043	ng/ul	
23) Benzo(a)pyrene	23.30	252	1951	0.067	ng/ul#	49
24) Indeno(1,2,3-cd)pyrene	25.57	276	1755	0.047	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1580	0.046	ng/ul#	71

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

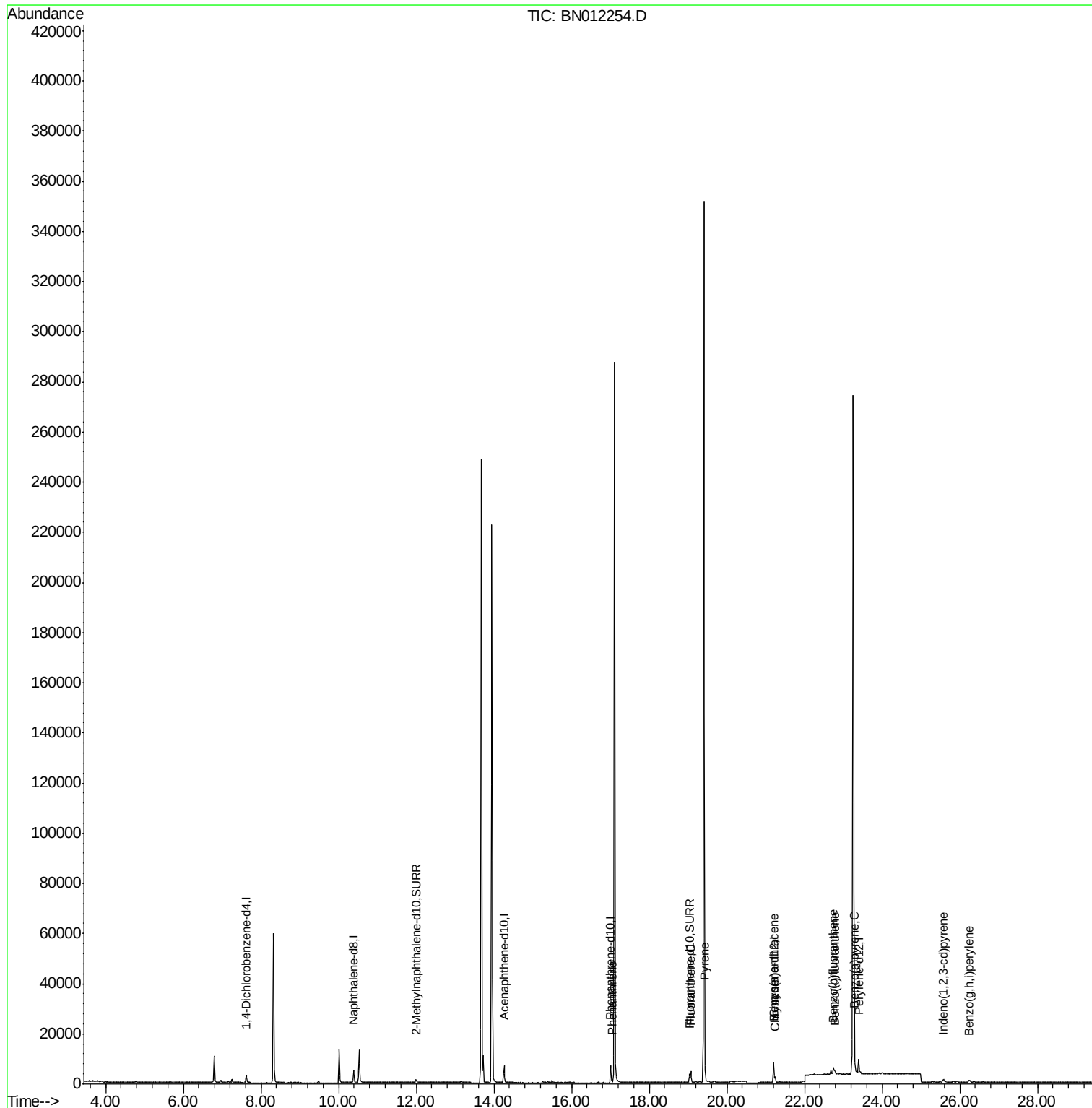
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ALS Vial : 66 Sample Multiplier: 1

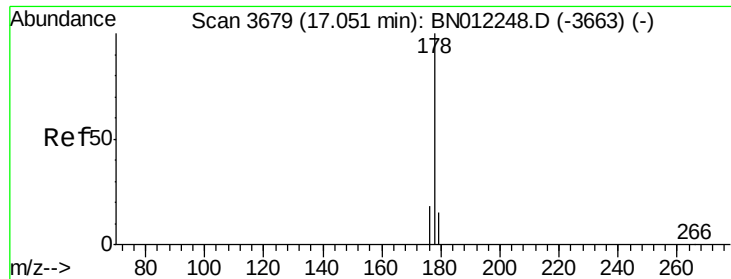
Instrument :
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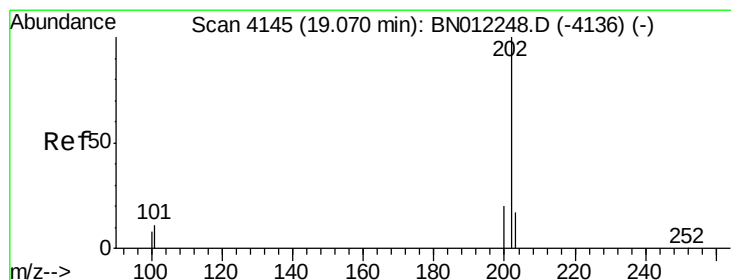
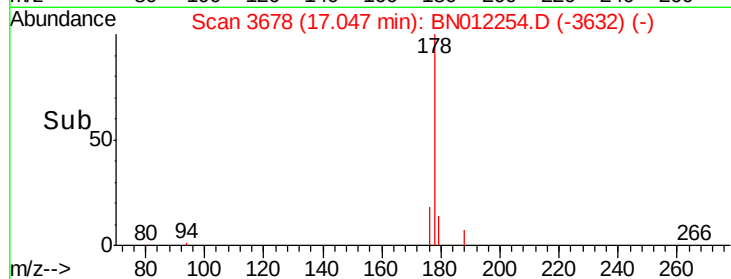
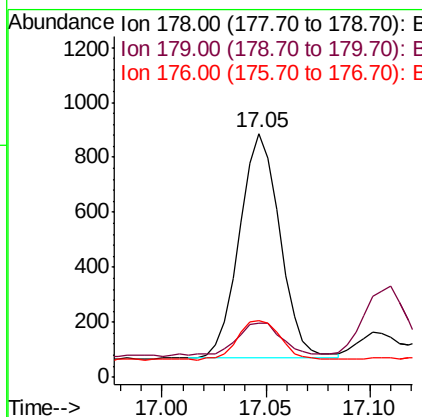
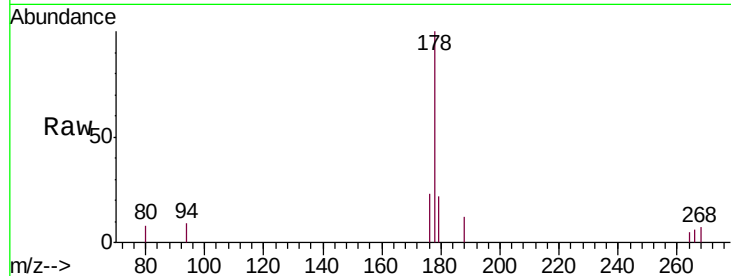
#12
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012254.D
Acq: 16 Oct 2020 05:27

Instrument :
BNA_N
ClientSampleId :
C0AQ3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.0	13.4	20.2#
176	23.3	15.7	23.5

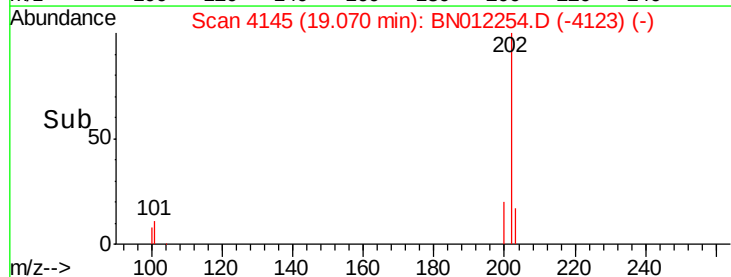
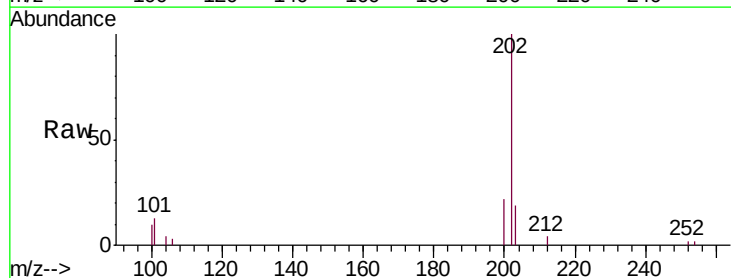
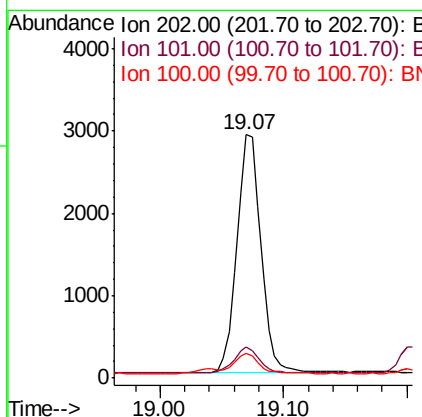
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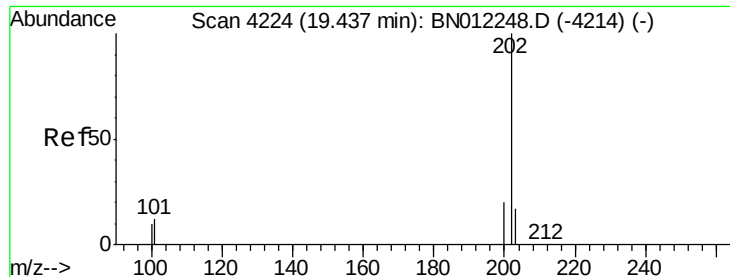
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#15
Fluoranthene
Concen: 0.133 ng/ul
RT: 19.07 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN012254.D
Acq: 16 Oct 2020 05:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.0
100	10.1	0.0	28.7





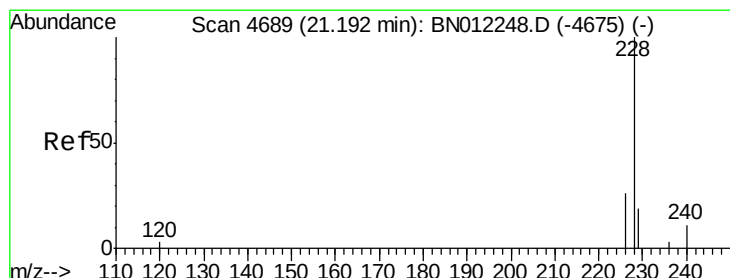
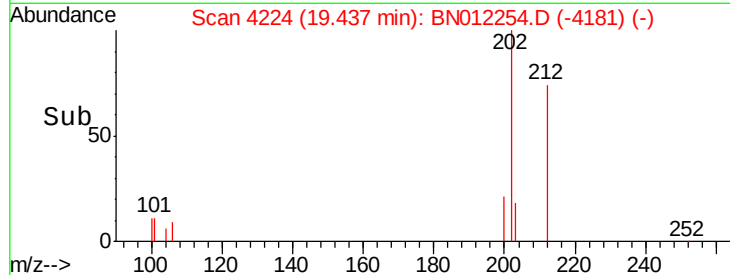
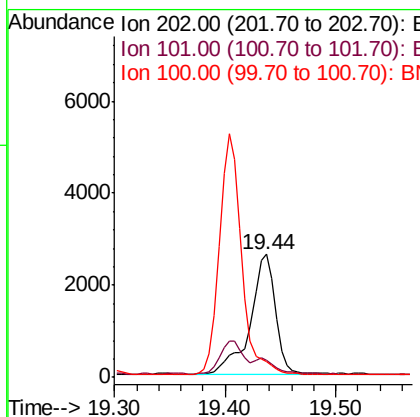
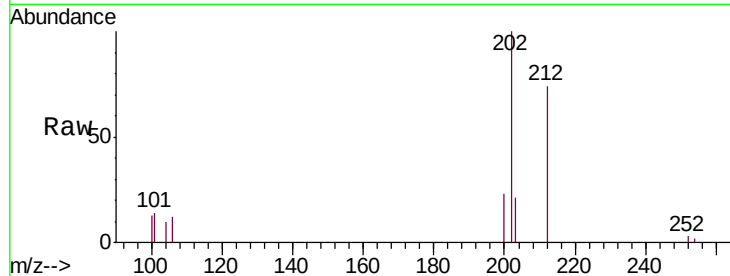
#17
 Pyrene
 Concen: 0.130 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN012254.D
 Acq: 16 Oct 2020 05:27

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	9.9	14.9
100	12.7	8.0	12.0

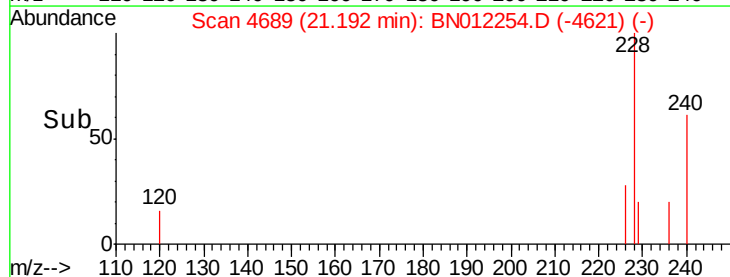
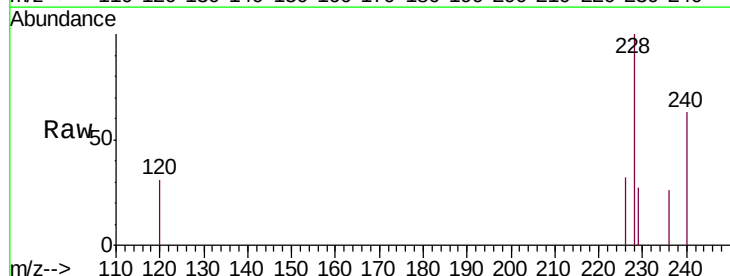
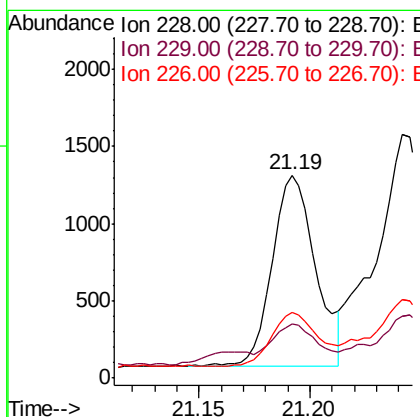
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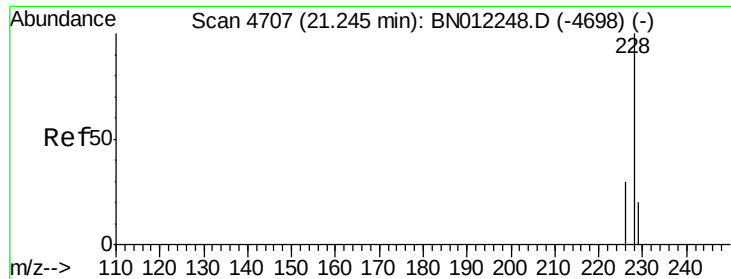
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#18
 Benzo(a)anthracene
 Concen: 0.065 ng/ul
 RT: 21.19 min Scan# 4689
 Delta R.T. 0.00 min
 Lab File: BN012254.D
 Acq: 16 Oct 2020 05:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	27.0	15.8	23.8
226	32.3	22.6	33.8





#19

Chrysene

Concen: 0.081 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012254.D

Acq: 16 Oct 2020 05:27

Instrument :

BNA_N

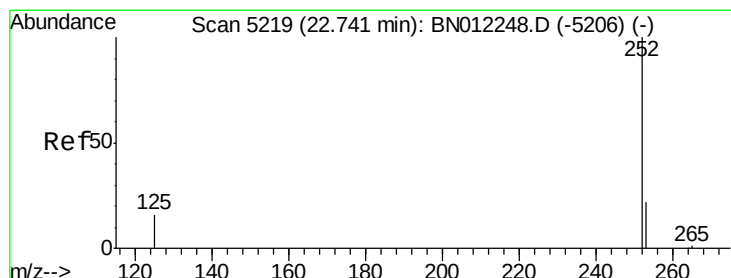
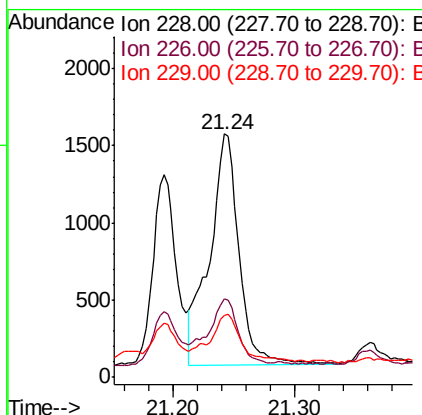
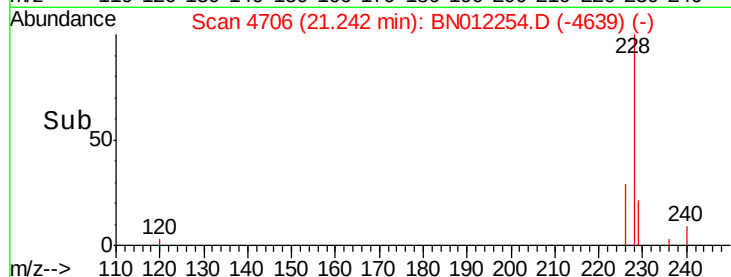
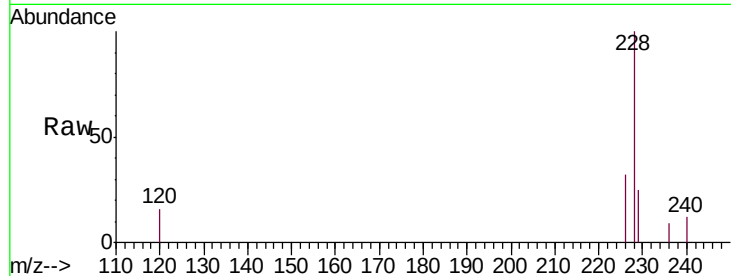
ClientSampleId :

C0AQ3

Tgt Ion:	228	Resp:	2524
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.6	37.0
229	25.2	17.0	25.6

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#21

Benzo(b)fluoranthene

Concen: 0.128 ng/ul m

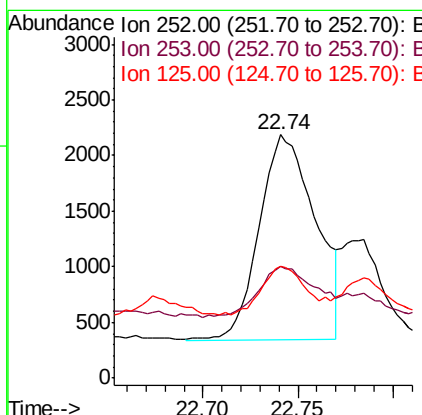
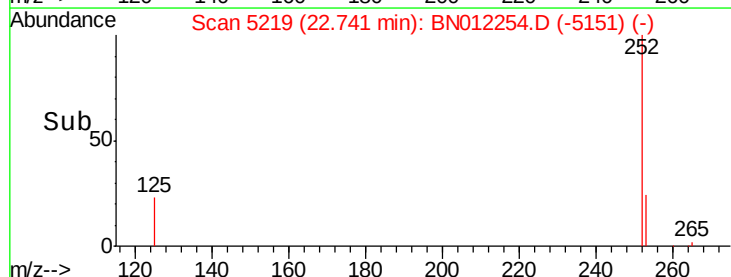
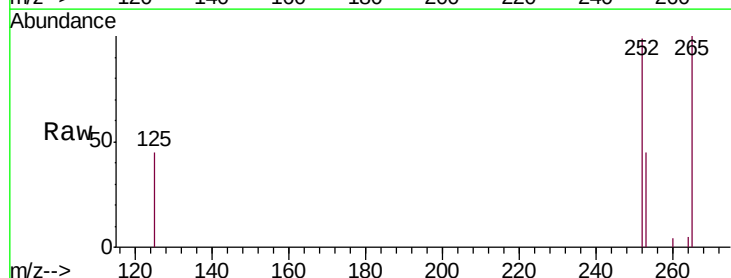
RT: 22.74 min Scan# 5219

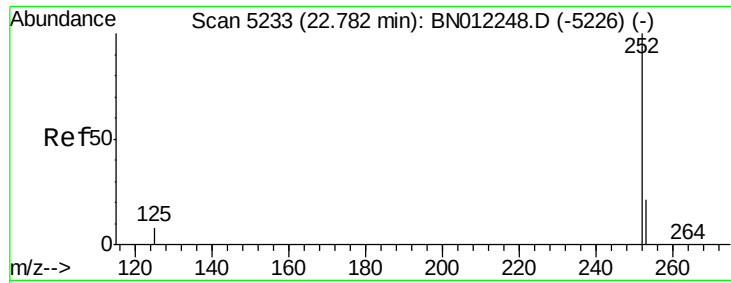
Delta R.T. 0.00 min

Lab File: BN012254.D

Acq: 16 Oct 2020 05:27

Tgt Ion:	252	Resp:	3822
Ion Ratio	Lower	Upper	
252	100		
253	46.1	0.0	61.6
125	45.7	0.0	36.8#





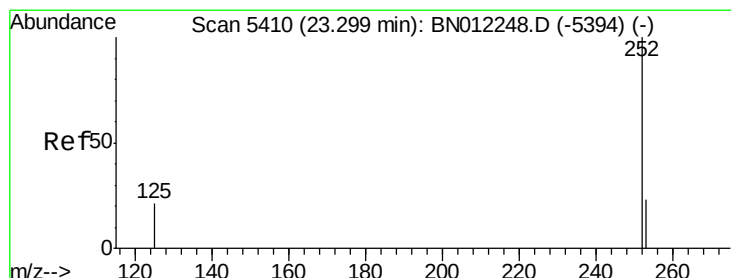
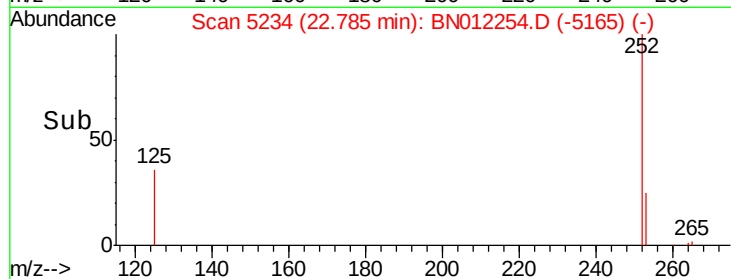
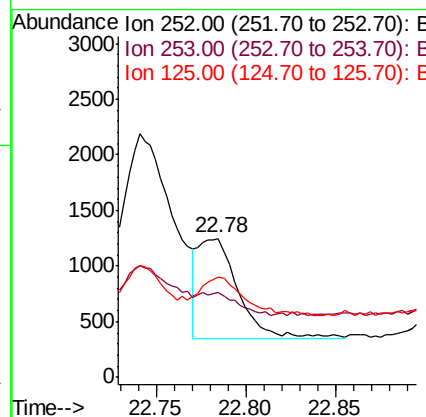
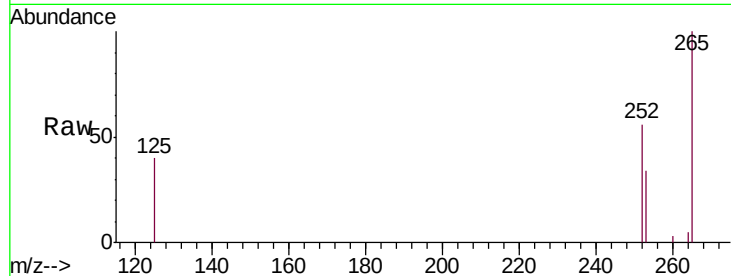
#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. 0.00 min
Lab File: BN012254.D
Acq: 16 Oct 2020 05:27

Instrument :
BNA_N
ClientSampleId :
C0AQ3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.4	24.4	36.6#
125	72.1	12.9	19.3#

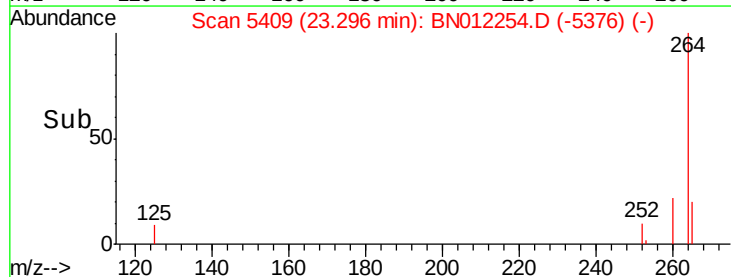
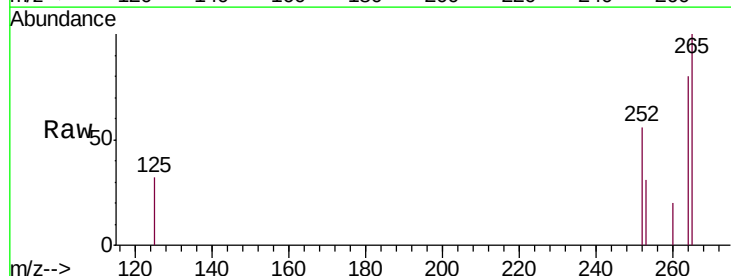
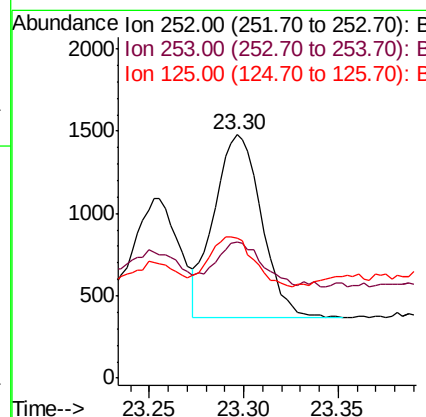
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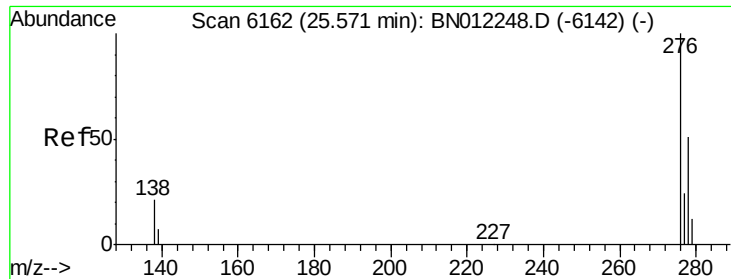
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#23
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.00 min
Lab File: BN012254.D
Acq: 16 Oct 2020 05:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.8	27.0	40.4#
125	57.3	18.8	28.2#





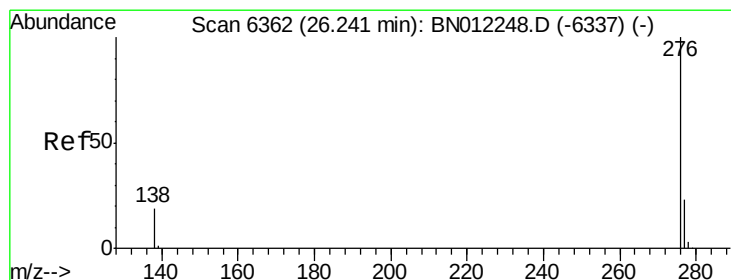
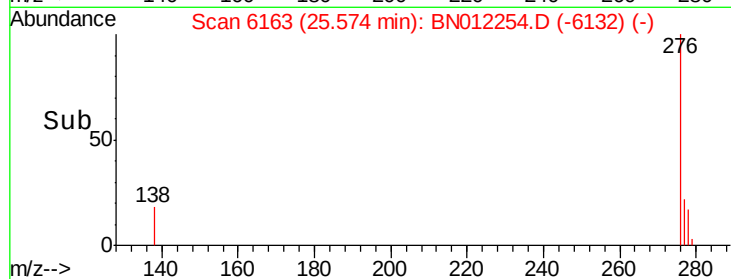
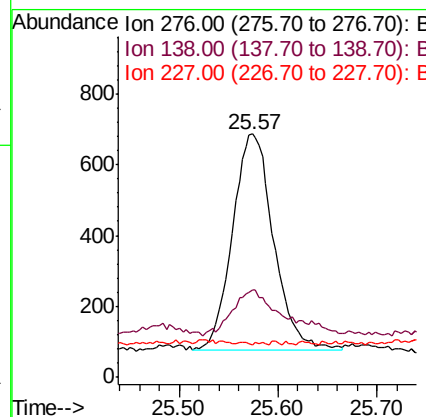
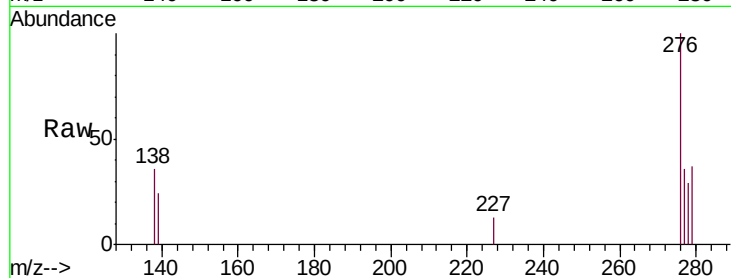
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.047 ng/ul
 RT: 25.57 min Scan# 6163
 Delta R.T. 0.00 min
 Lab File: BN012254.D
 Acq: 16 Oct 2020 05:27

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ3

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.8	0.0	0.0#
227	0.3	0.0	0.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.046 ng/ul
 RT: 26.24 min Scan# 6361
 Delta R.T. -0.00 min
 Lab File: BN012254.D
 Acq: 16 Oct 2020 05:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	37.0	17.1	25.7#
277	40.0	21.1	31.7#

