

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013026.D
 Acq On : 09 Dec 2020 23:45
 Operator : CG/JU
 Sample : L4941-19
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B52

Manual Integrations
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Quant Time: Dec 10 01:52:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 10 00:40:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	879	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.15	136	3817	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2236	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4639	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	3645	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3582	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	175	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	424	0.03	ng/ul	-0.01
Target Compounds						
12) Phenanthrene	16.85	178	1178	0.076	ng/ul#	91
15) Fluoranthene	18.88	202	3511	0.190	ng/ul	96
17) Pyrene	19.24	202	3359	0.195	ng/ul#	92
18) Benzo(a)anthracene	21.01	228	1516	0.101	ng/ul#	93
19) Chrysene	21.06	228	1975	0.119	ng/ul#	93
21) Benzo(b)fluoranthene	22.51	252	2554m	0.154	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	949m	0.052	ng/ul	
23) Benzo(a)pyrene	23.03	252	1602	0.104	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.18	276	1116	0.055	ng/ul#	98
26) Benzo(g,h,i)perylene	25.80	276	1057	0.058	ng/ul#	73

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

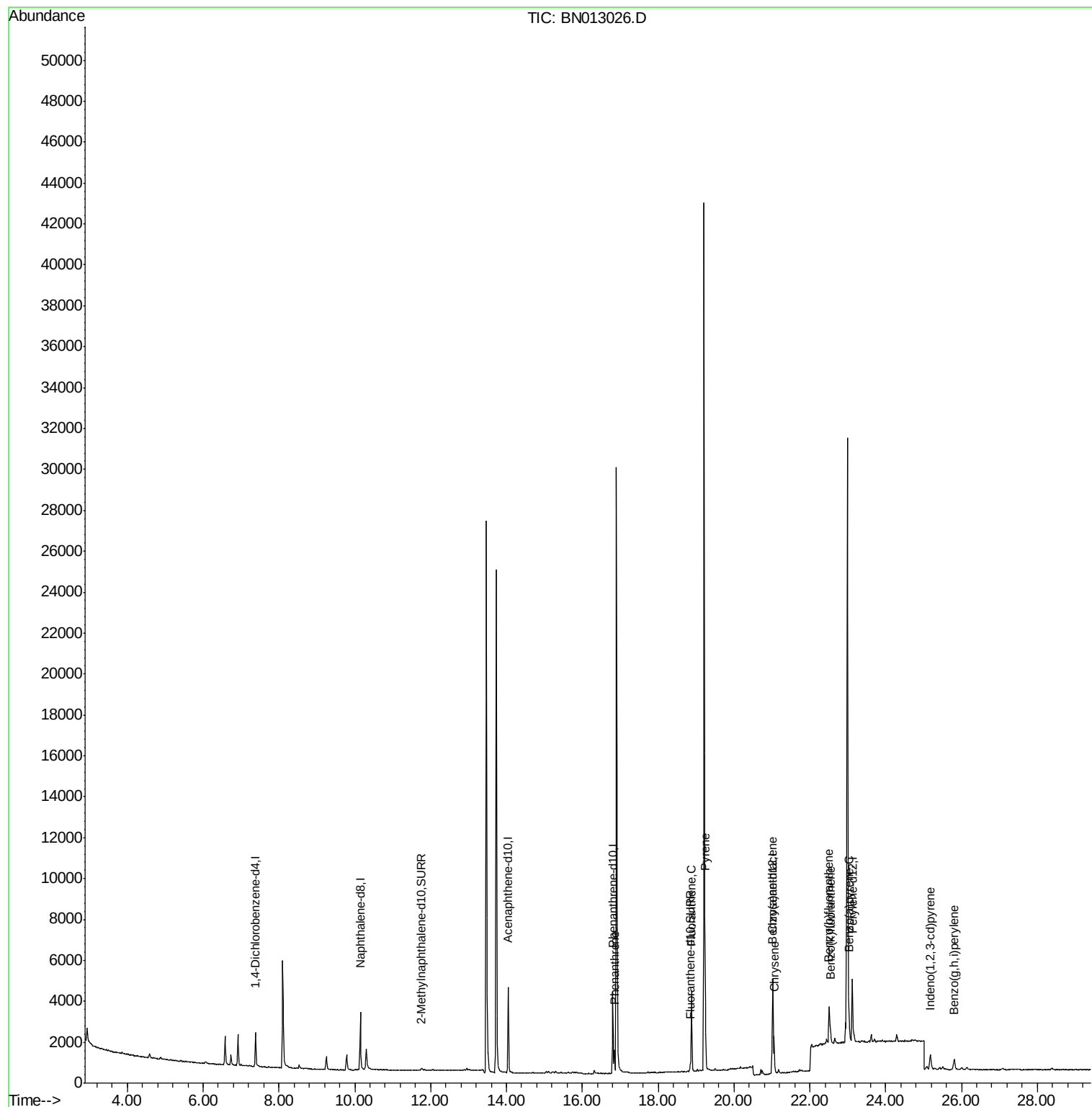
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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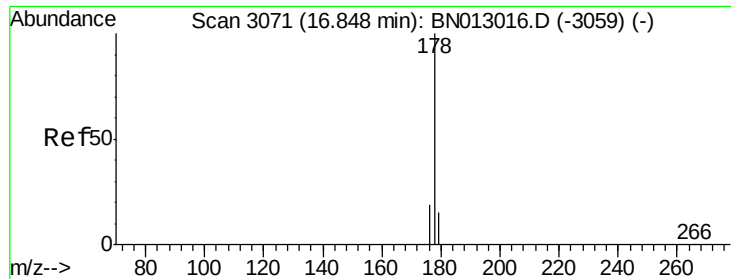
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 10 01:52:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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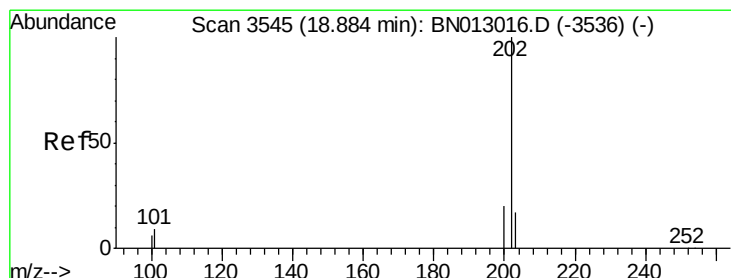
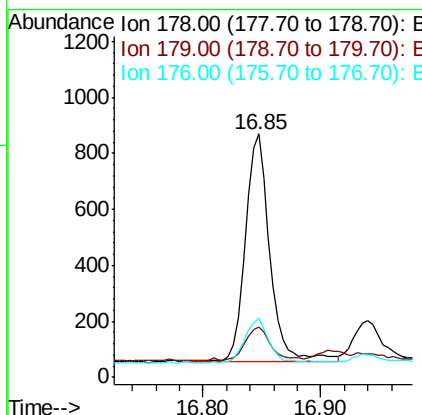
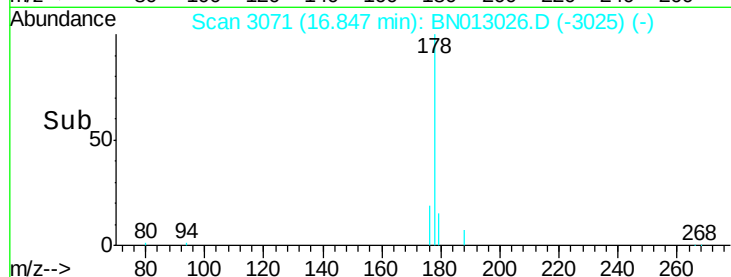
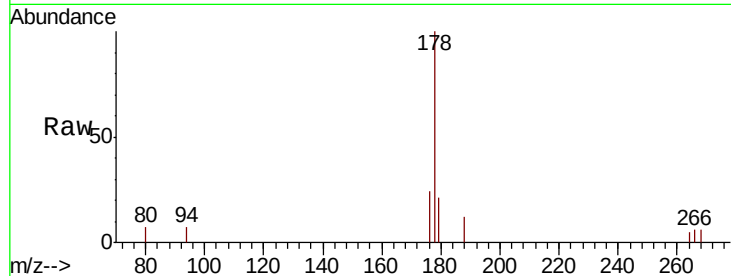
#12
Phenanthrene
Concen: 0.076 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BN013026.D
Acq: 09 Dec 2020 23:45

Instrument :
BNA_N
ClientSampled :
C0B52

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.9	13.6	20.4#
176	24.4	16.4	24.6

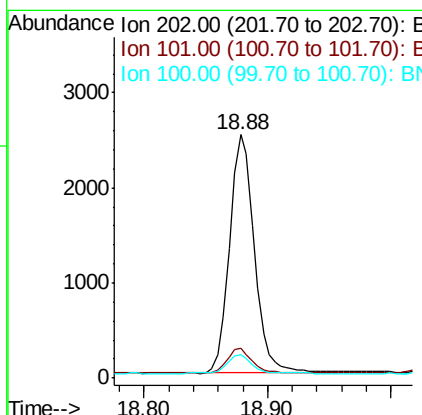
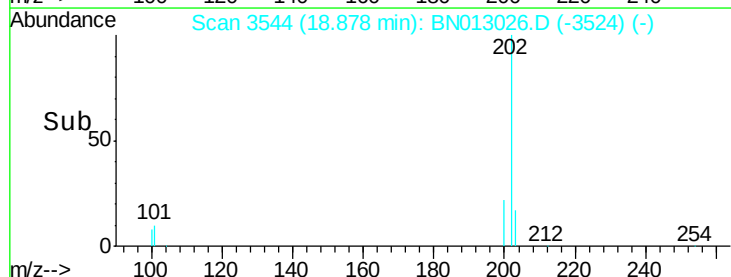
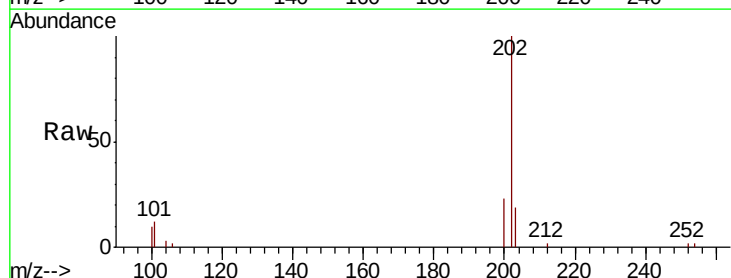
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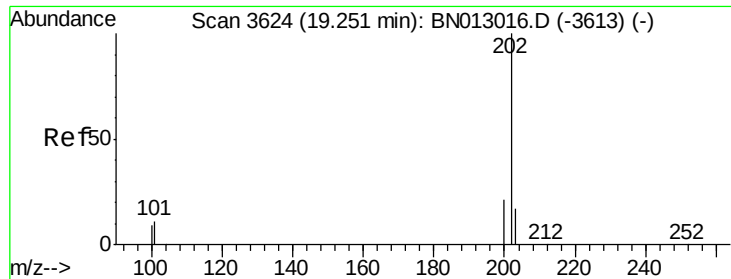
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#15
Fluoranthene
Concen: 0.190 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BN013026.D
Acq: 09 Dec 2020 23:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.6
100	9.6	0.0	28.7





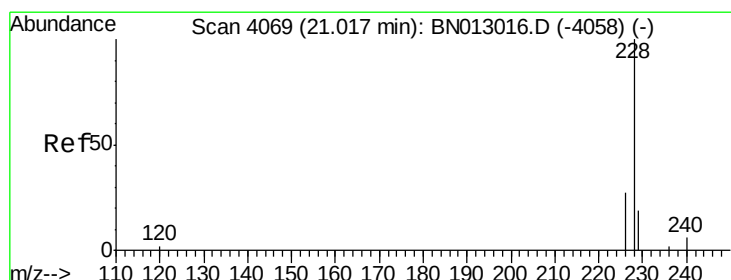
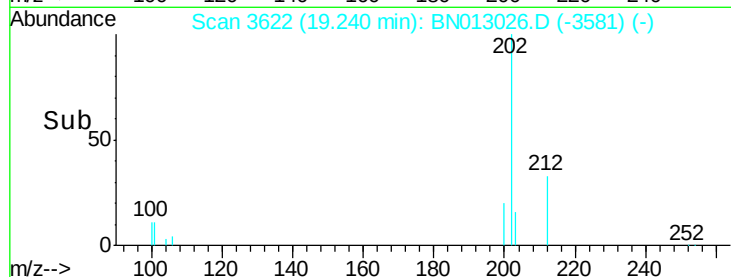
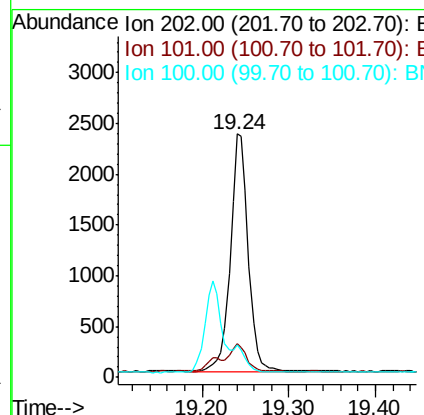
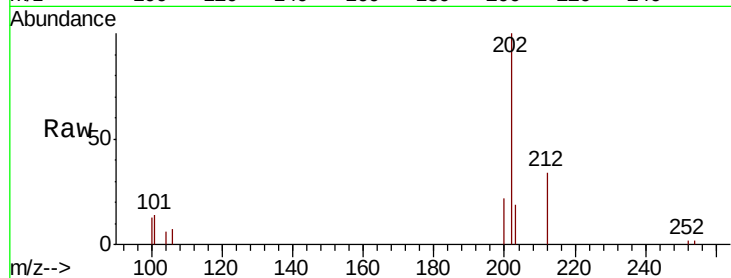
#17
 Pvrene
 Concen: 0.195 ng/ul
 RT: 19.24 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: BN013026.D
 Acq: 09 Dec 2020 23:45

Instrument :
 BNA_N
 ClientSampleId :
 C0B52

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.1	13.7
100	13.1	7.5	11.3

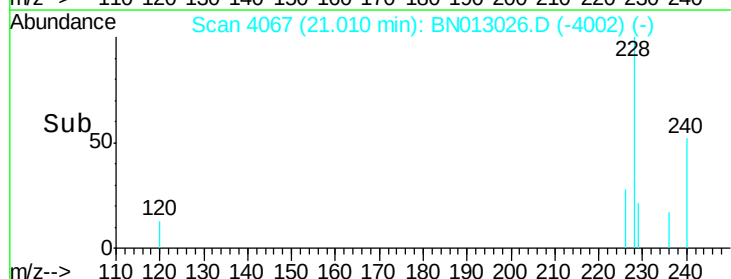
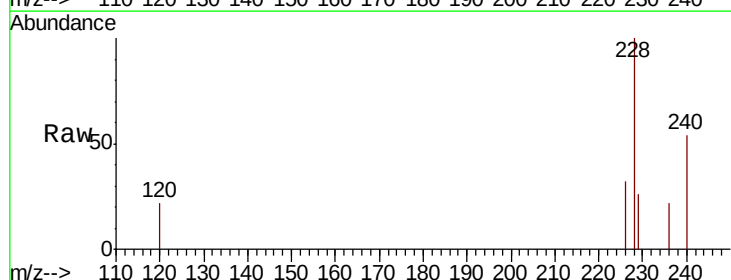
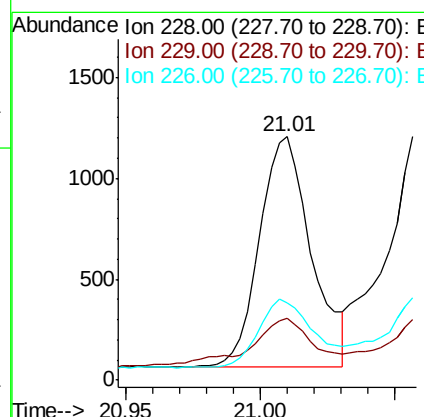
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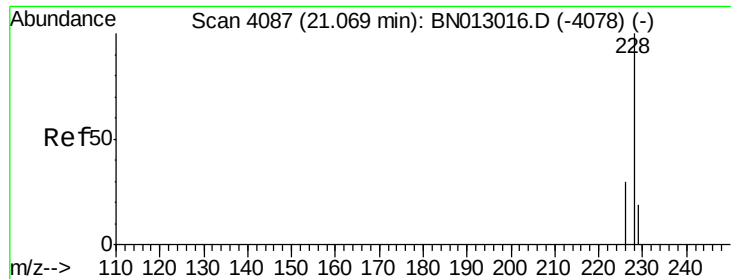
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#18
 Benzo(a)anthracene
 Concen: 0.101 ng/ul
 RT: 21.01 min Scan# 4067
 Delta R.T. -0.01 min
 Lab File: BN013026.D
 Acq: 09 Dec 2020 23:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.6	16.3	24.5
226	31.8	23.4	35.2





#19

Chrysene

Concen: 0.119 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.01 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Instrument :

BNA_N

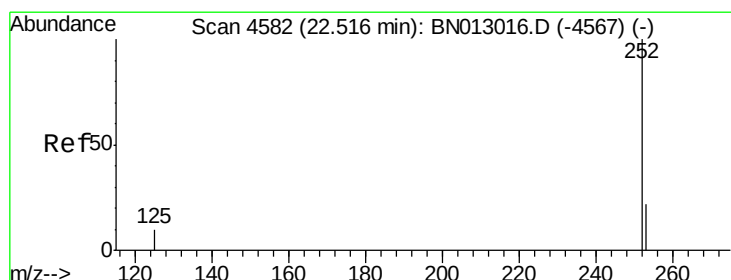
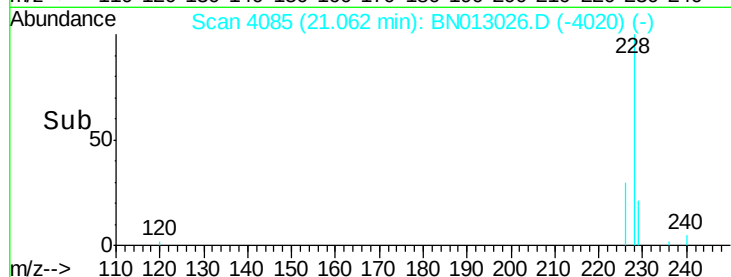
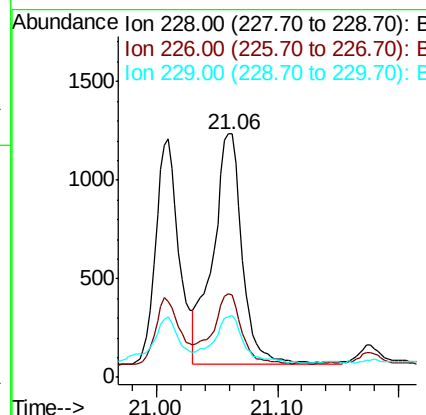
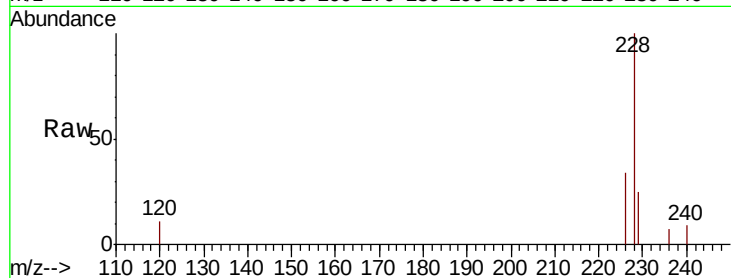
ClientSampleId :

C0B52

Tot Ion:228	Resp:	1975
Ion Ratio	Lower	Upper
228 100		
226 33.7	25.0	37.6
229 25.4	16.4	24.6#

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#21

Benzo(b)fluoranthene

Concen: 0.154 ng/ul m

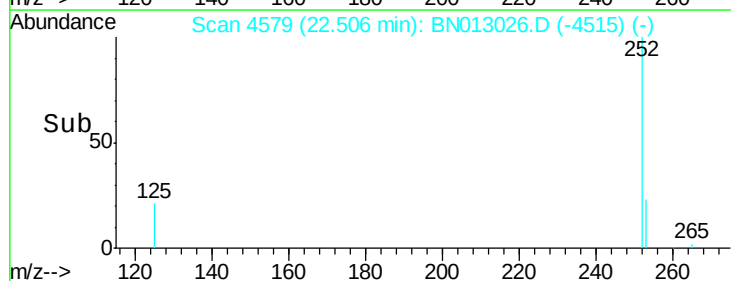
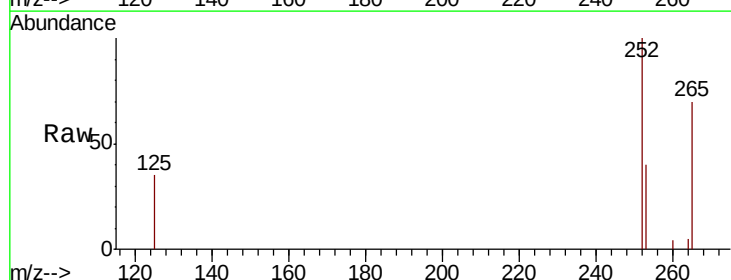
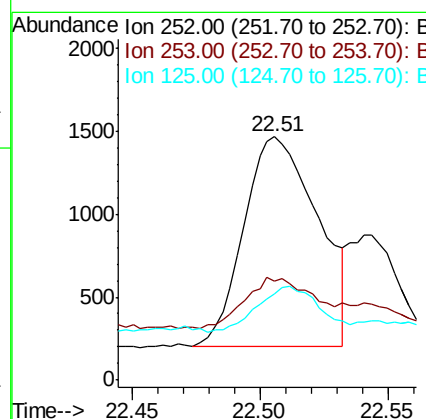
RT: 22.51 min Scan# 4579

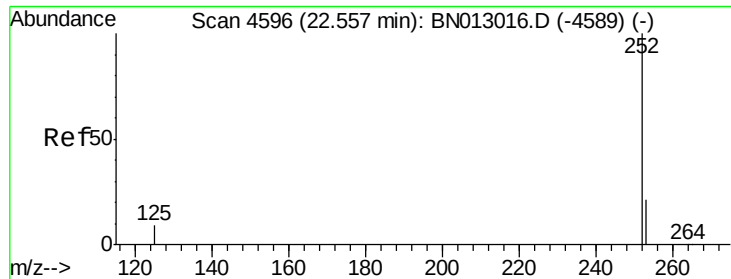
Delta R.T. -0.01 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Tgt Ion:252	Resp:	2554
Ion Ratio	Lower	Upper
252 100		
253 40.4	0.0	59.6
125 35.5	0.0	26.0#





#22

Benzo(k)fluoranthene

Concen: 0.052 ng/ul m

RT: 22.54 min Scan# 4591

Delta R.T. -0.02 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Instrument :

BNA_N

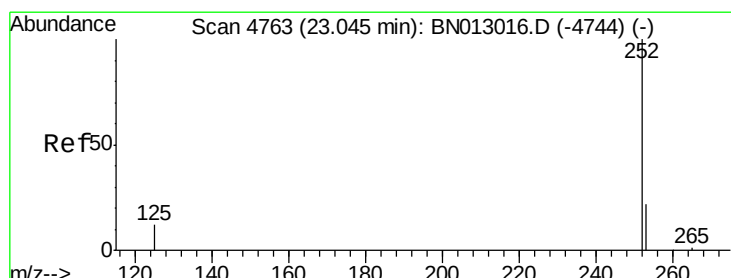
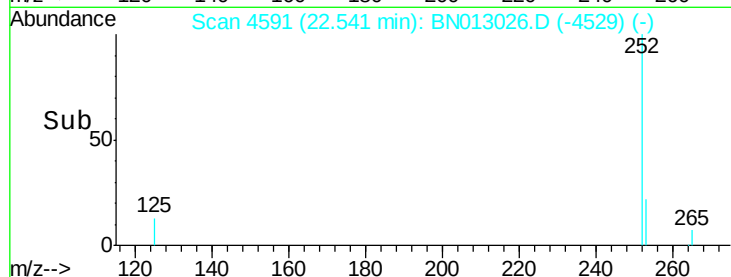
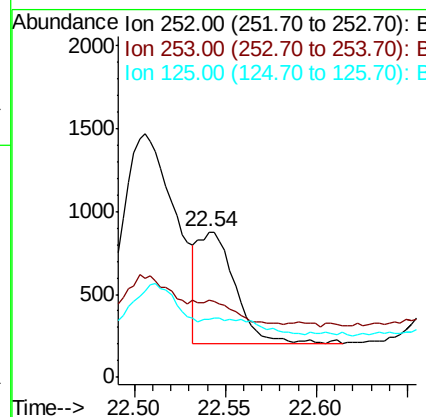
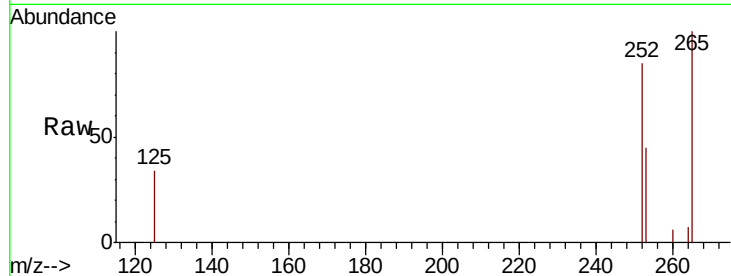
ClientSampleId :

C0B52

Tot Ion	Ratio	Lower	Upper
252	100		
253	52.9	23.4	35.2#
125	39.9	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.104 ng/ul

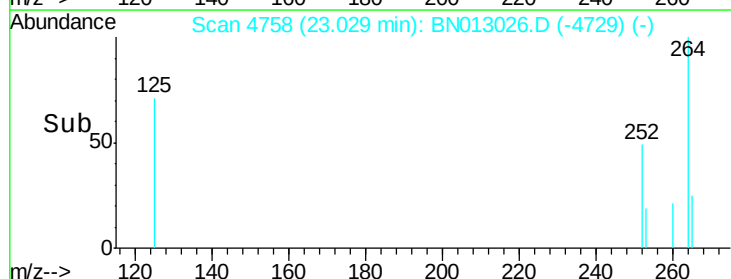
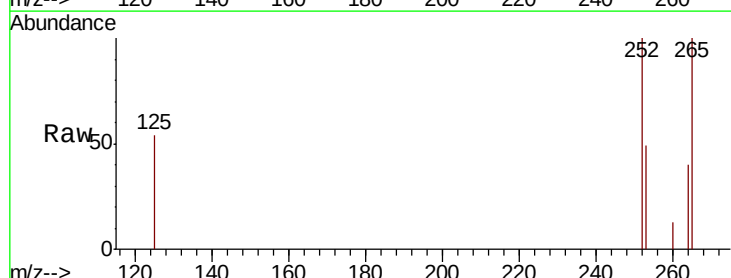
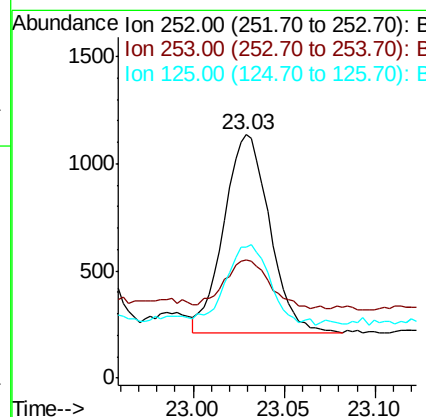
RT: 23.03 min Scan# 4758

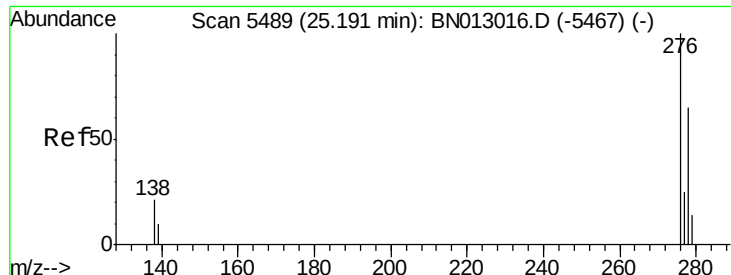
Delta R.T. -0.02 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.8	26.5	39.7#
125	53.9	14.2	21.2#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.055 ng/ul

RT: 25.18 min Scan# 5485

Delta R.T. -0.02 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Instrument :

BNA_N

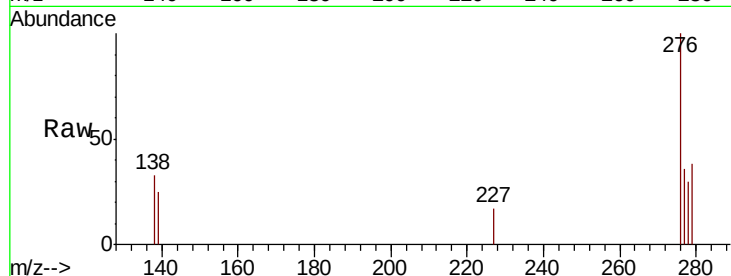
ClientSampleId :

C0B52

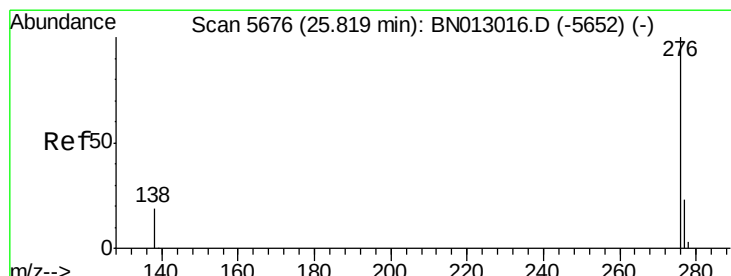
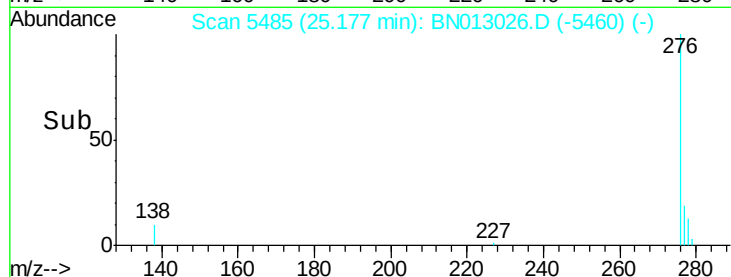
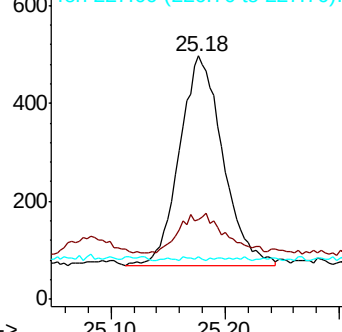
Tot Ion:	276	Resp:	1116
Ion Ratio	Lower	Upper	
276	100		
138	19.1	16.2	24.2
227	0.4	0.0	0.0#

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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



#26

Benzo(g,h,i)perylene

Concen: 0.058 ng/ul

RT: 25.80 min Scan# 5672

Delta R.T. -0.02 min

Lab File: BN013026.D

Acq: 09 Dec 2020 23:45

Tgt Ion:	276	Resp:	1057
Ion Ratio	Lower	Upper	
276	100		
138	36.9	16.3	24.5#
277	37.8	21.8	32.6#

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

