

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013038.D
 Acq On : 10 Dec 2020 09:40
 Operator : CG/JU
 Sample : L4941-19
 Misc :
 ALS Vial : 108 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B52

Manual Integrations
 APPROVED

mohammad
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Quant Time: Dec 10 10:35:48 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 10:29:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1195	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	4905	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	2665	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5607	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4322	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	4167	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1038	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	2166	0.14	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	16.84	178	1354	0.072	ng/ul#	93
15) Fluoranthene	18.87	202	4151	0.186	ng/ul	98
17) Pyrene	19.24	202	3915	0.192	ng/ul	95
18) Benzo(a)anthracene	21.01	228	1706	0.095	ng/ul	93
19) Chrysene	21.07	228	2270	0.115	ng/ul	95
21) Benzo(b)fluoranthene	22.51	252	2790m	0.145	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	1207m	0.057	ng/ul	
23) Benzo(a)pyrene	23.04	252	1862	0.104	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.18	276	1238	0.053	ng/ul#	98
26) Benzo(g,h,i)perylene	25.81	276	1128	0.053	ng/ul#	76

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

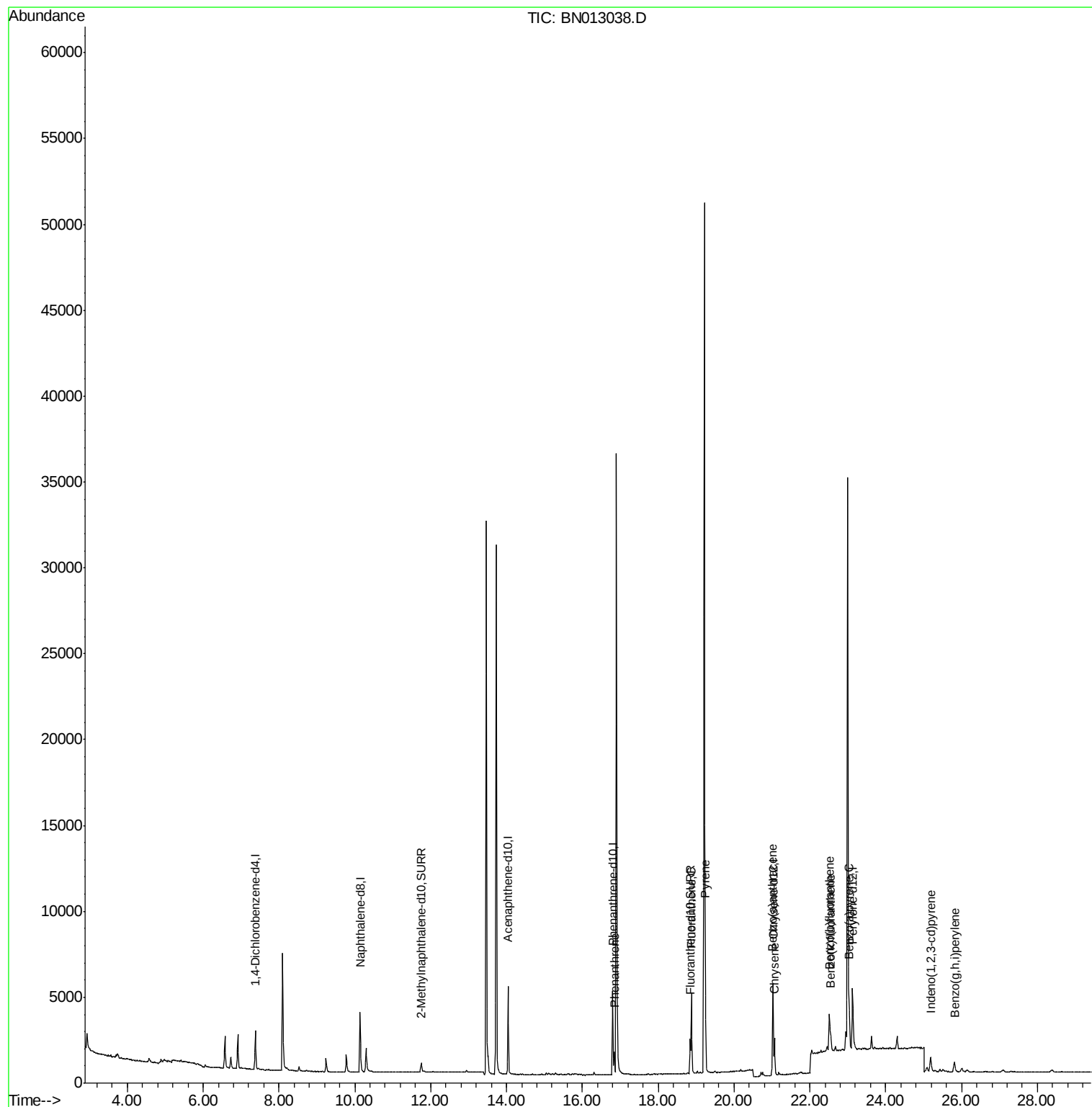
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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ALS Vial : 108 Sample Multiplier: 1

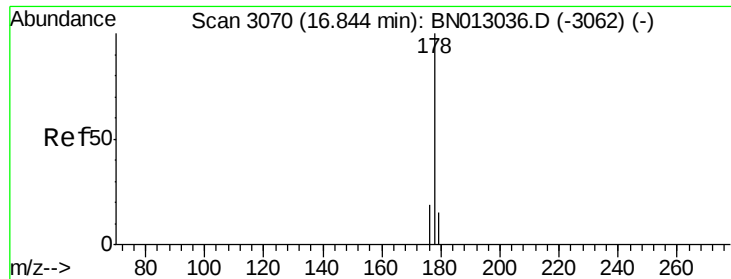
Instrument :
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#12

Phenanthrene

Concen: 0.072 ng/ul

RT: 16.84 min Scan# 3070

Delta R.T. 0.00 min

Lab File: BN013038.D

Acq: 10 Dec 2020 09:40

Instrument :

BNA_N

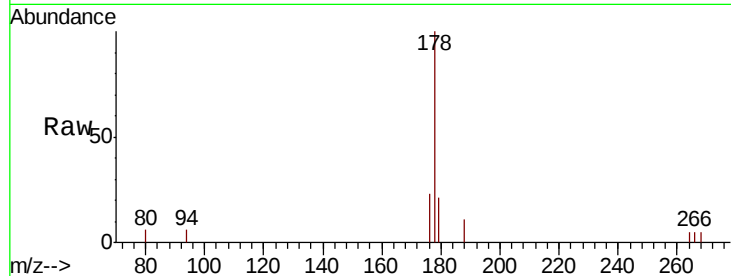
ClientSampleId :

C0B52

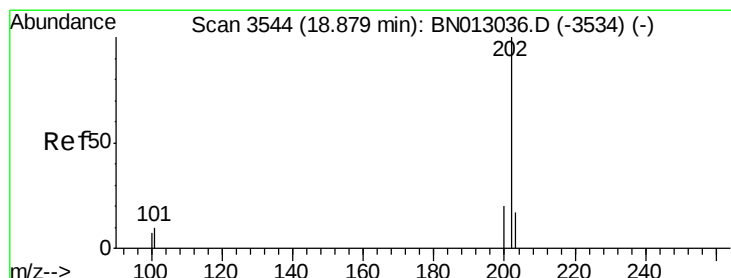
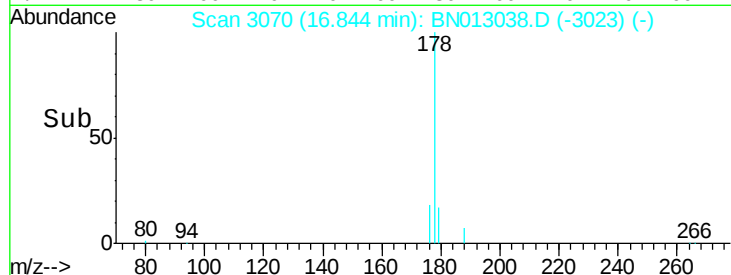
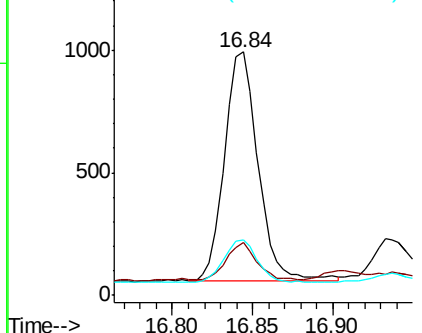
Tot Ion:	178	Resp:	1354
Ion	Ratio	Lower	Upper
178	100		
179	21.5	13.6	20.4#
176	22.6	16.4	24.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.186 ng/ul

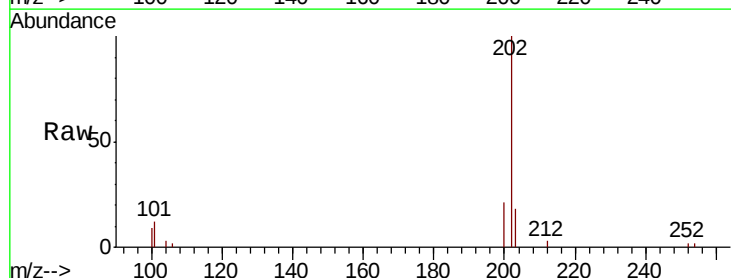
RT: 18.87 min Scan# 3543

Delta R.T. -0.00 min

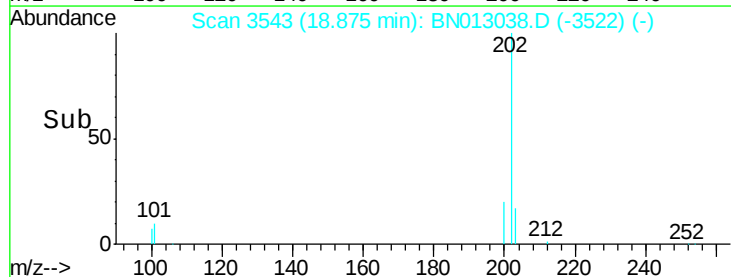
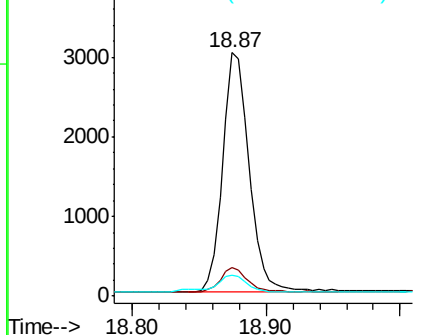
Lab File: BN013038.D

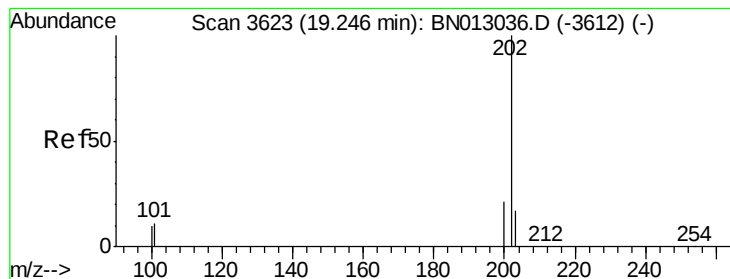
Acq: 10 Dec 2020 09:40

Tgt Ion:	202	Resp:	4151
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.6
100	8.7	0.0	28.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.192 ng/ul

RT: 19.24 min Scan# 3622

Delta R.T. -0.00 min

Lab File: BN013038.D

Acq: 10 Dec 2020 09:40

Instrument :

BNA_N

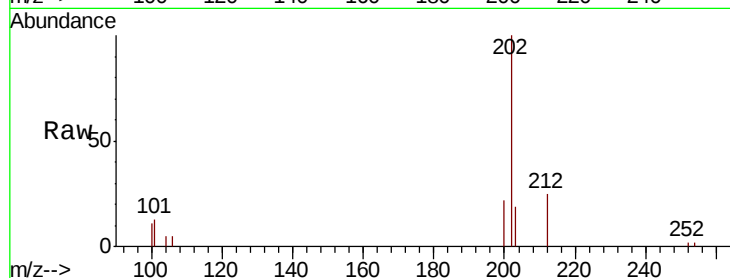
ClientSampleId :

C0B52

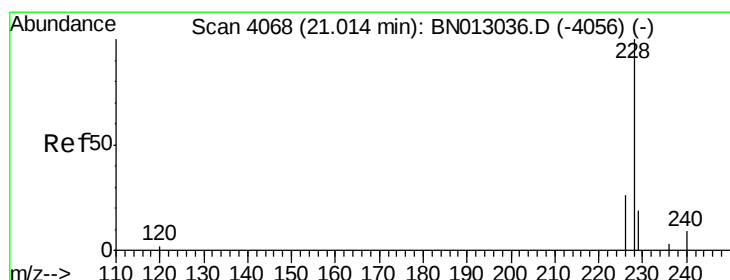
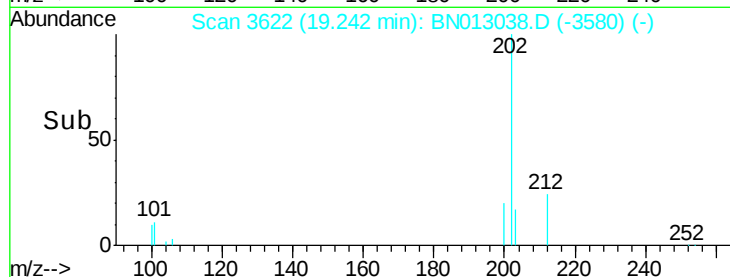
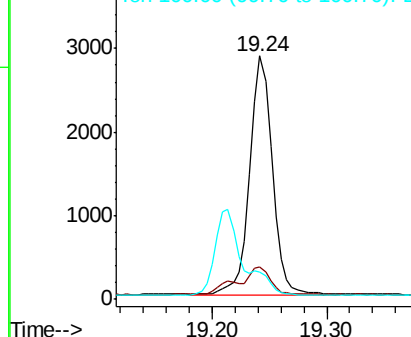
Tot Ion:	202	Resp:	3915
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.1	13.7
100	11.2	7.5	11.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.095 ng/ul

RT: 21.01 min Scan# 4068

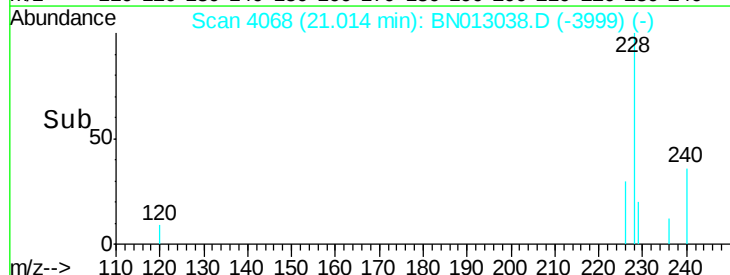
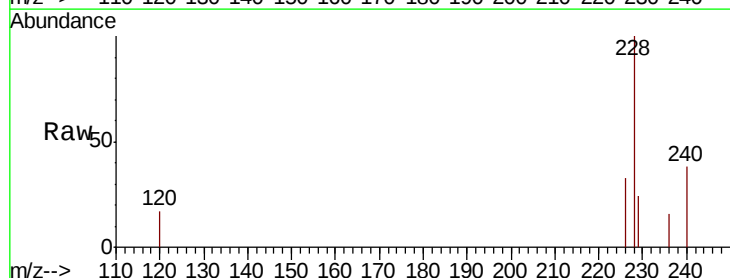
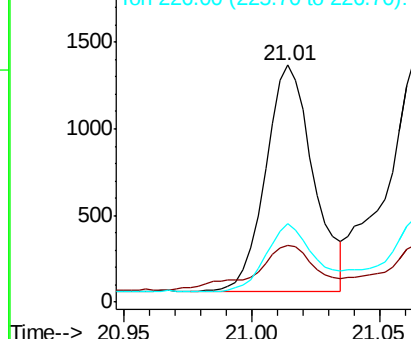
Delta R.T. 0.00 min

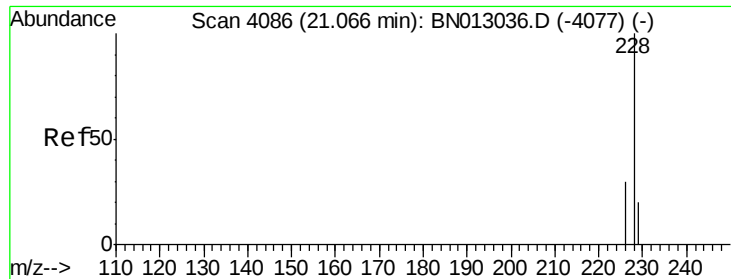
Lab File: BN013038.D

Acq: 10 Dec 2020 09:40

Tgt Ion:	228	Resp:	1706
Ion Ratio	Lower	Upper	
228	100		
229	24.0	16.3	24.5
226	33.2	23.4	35.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.115 ng/ul

RT: 21.07 min Scan# 4086

Delta R.T. 0.00 min

Lab File: BN013038.D

Acq: 10 Dec 2020 09:40

Instrument :

BNA_N

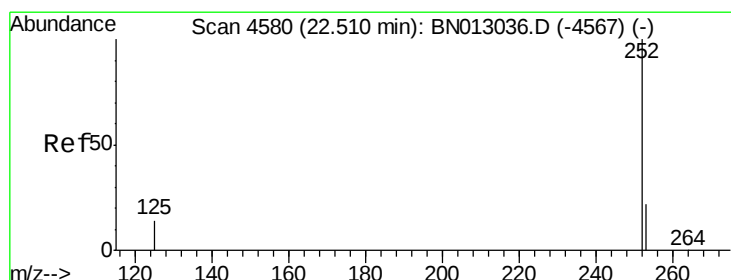
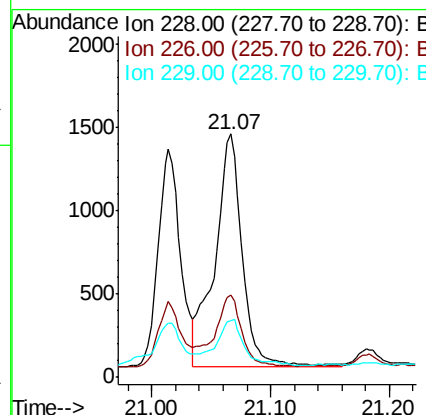
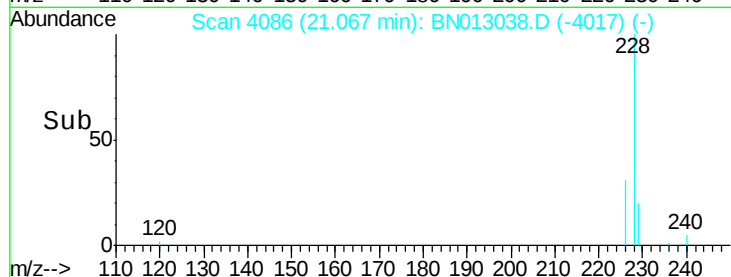
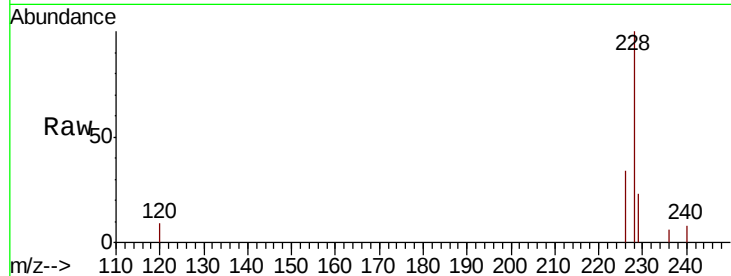
ClientSampleId :

C0B52

Tot Ion:	228	Resp:	2270
Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.0	37.6
229	23.5	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.145 ng/ul m

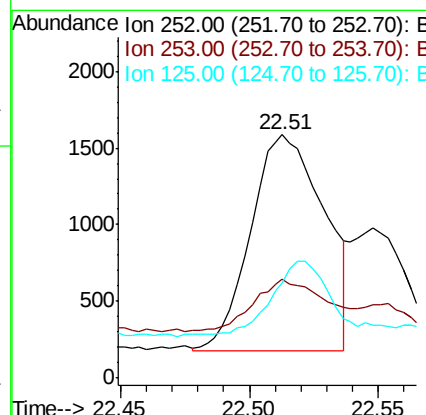
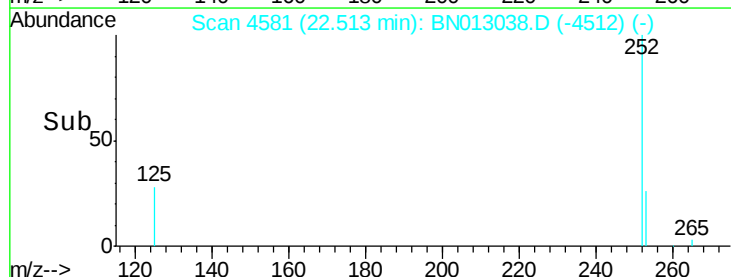
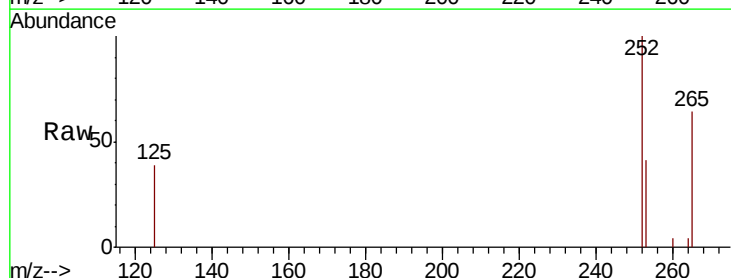
RT: 22.51 min Scan# 4581

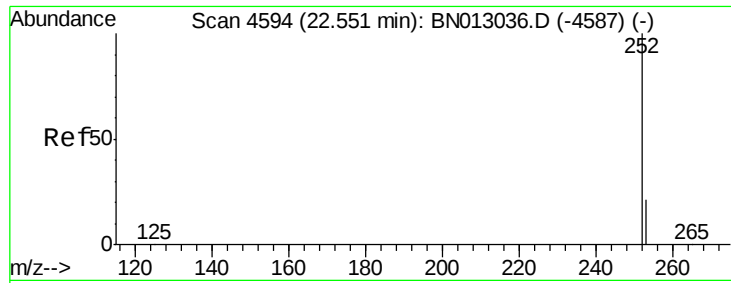
Delta R.T. 0.00 min

Lab File: BN013038.D

Acq: 10 Dec 2020 09:40

Tgt Ion:	252	Resp:	2790
Ion	Ratio	Lower	Upper
252	100		
253	40.5	0.0	59.6
125	39.3	0.0	26.0#





#22

Benzo(k)fluoranthene

Concen: 0.057 ng/ul m

RT: 22.55 min Scan# 4593

Delta R.T. -0.00 min

Lab File: BN013038.D

Acq: 10 Dec 2020 09:40

Instrument :

BNA_N

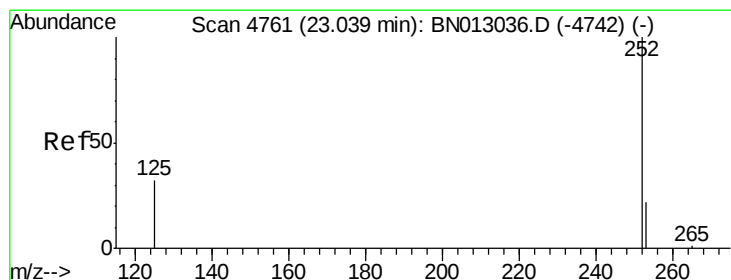
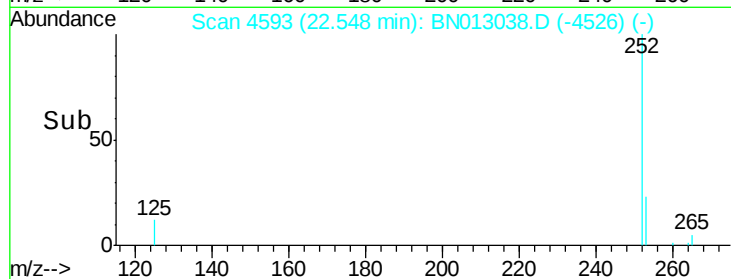
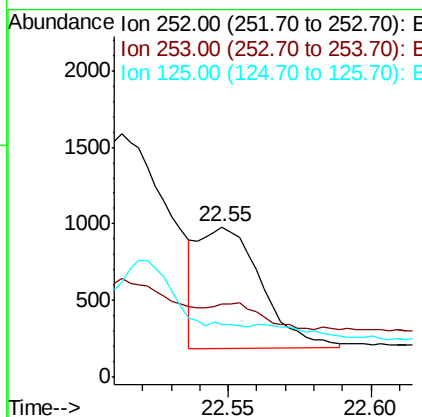
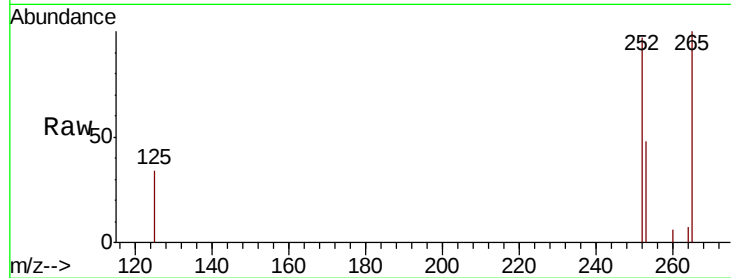
ClientSampleId :

C0B52

Tot Ion:	252	Resp:	1207
Ion Ratio	Lower	Upper	
252	100		
253	48.9	23.4	35.2#
125	35.3	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.104 ng/ul

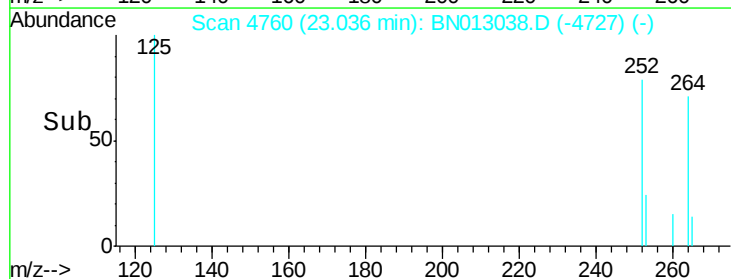
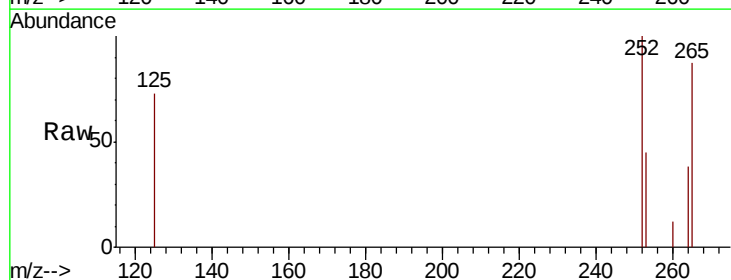
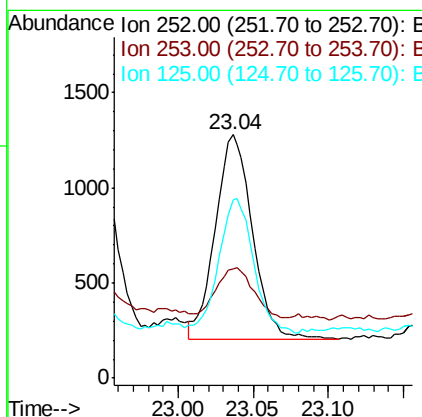
RT: 23.04 min Scan# 4760

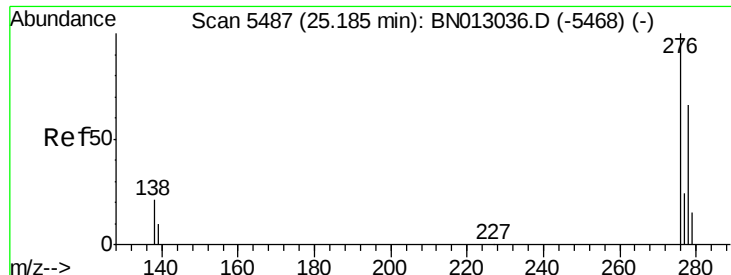
Delta R.T. -0.00 min

Lab File: BN013038.D

Acq: 10 Dec 2020 09:40

Tgt Ion:	252	Resp:	1862
Ion Ratio	Lower	Upper	
252	100		
253	45.0	26.5	39.7#
125	73.1	14.2	21.2#





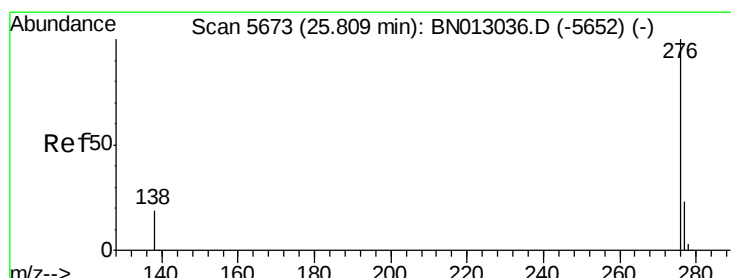
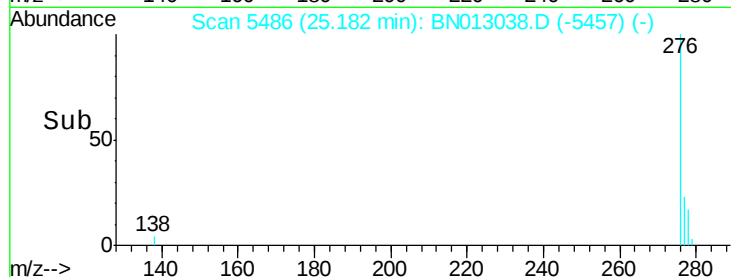
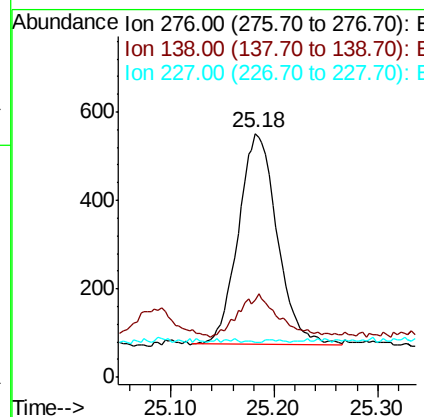
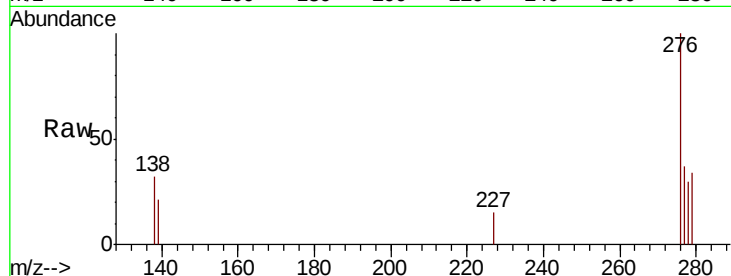
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.00 min
Lab File: BN013038.D
Acq: 10 Dec 2020 09:40

Instrument :
BNA_N
ClientSampleId :
C0B52

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.2	24.2
227	0.3	0.0	0.0

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#26
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. 0.00 min
Lab File: BN013038.D
Acq: 10 Dec 2020 09:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	16.3	24.5
277	37.3	21.8	32.6

