

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013024.D
 Acq On : 09 Dec 2020 22:33
 Operator : CG/JU
 Sample : L4941-09
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B21

Manual Integrations
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Quant Time: Dec 10 01:43:37 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	1055	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4456	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2530	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5389	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	4206	0.40	ng/ul	-0.01
20) Perylene-d12	23.12	264	4001	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1086	0.16	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2368	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	462	0.036	ng/ul#	78
5) 2-Methylnaphthalene	11.82	142	298	0.035	ng/ul	96
7) Acenaphthylene	13.76	152	666	0.056	ng/ul#	87
9) Fluorene	15.11	166	238	0.021	ng/ul#	89
12) Phenanthrene	16.84	178	6162	0.341	ng/ul	98
13) Anthracene	16.94	178	1118	0.073	ng/ul#	92
15) Fluoranthene	18.88	202	16349	0.761	ng/ul	98
17) Pyrene	19.24	202	15564	0.783	ng/ul	96
18) Benzo(a)anthracene	21.01	228	6984	0.401	ng/ul	99
19) Chrysene	21.06	228	8572	0.446	ng/ul	99
21) Benzo(b)fluoranthene	22.50	252	11689m	0.632	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	3857m	0.189	ng/ul	
23) Benzo(a)pyrene	23.03	252	7173m	0.418	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	4948	0.219	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	1210	0.068	ng/ul#	58
26) Benzo(a,h,i)perylene	25.81	276	4301	0.211	ng/ul	96

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

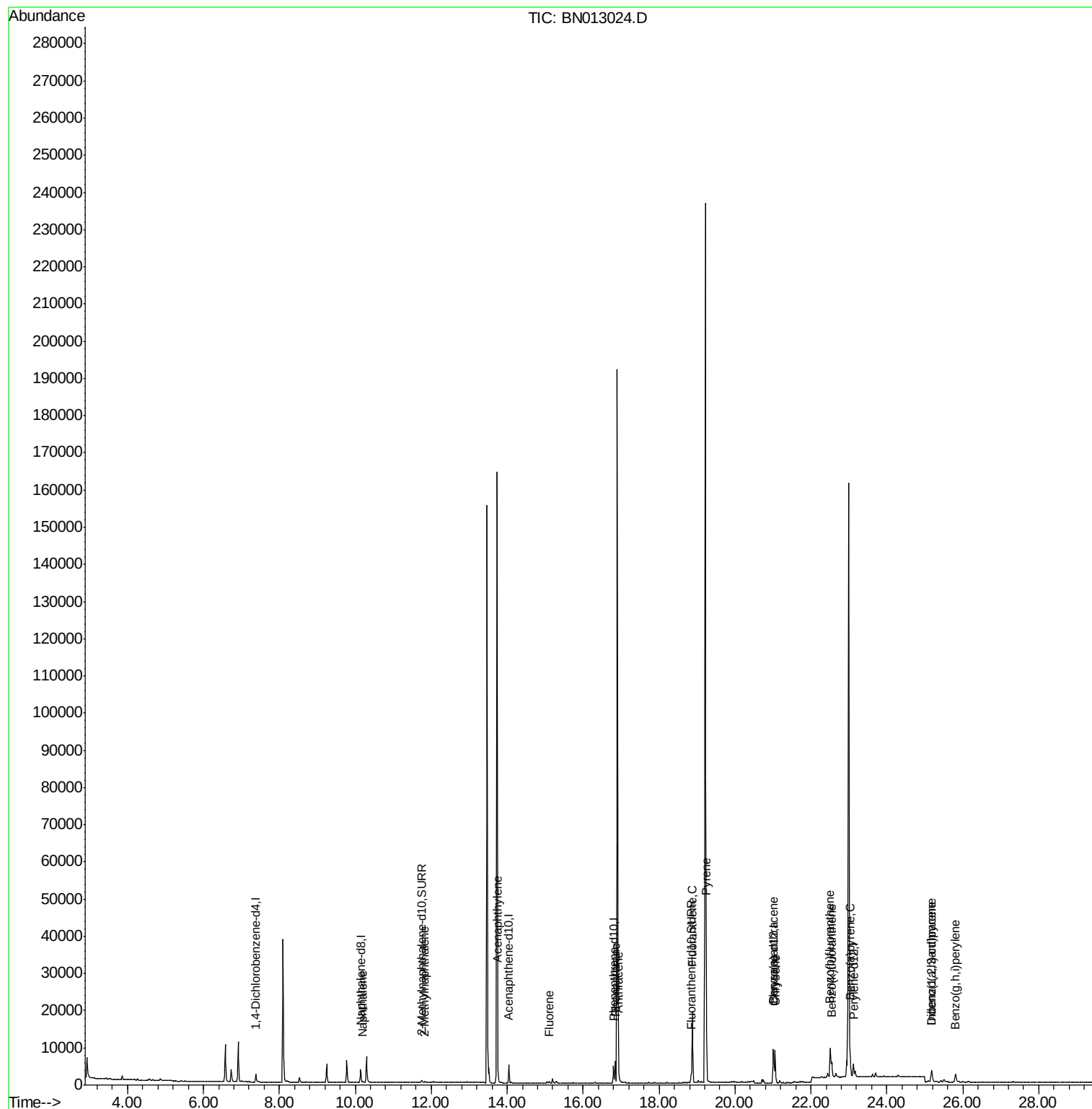
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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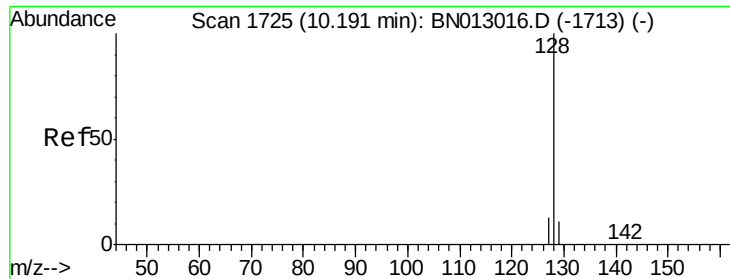
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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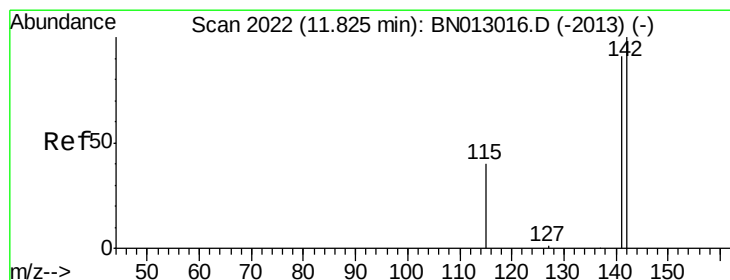
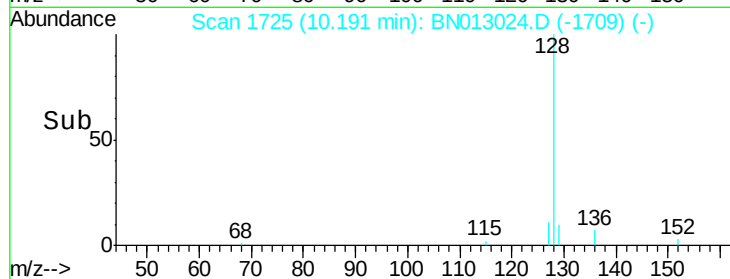
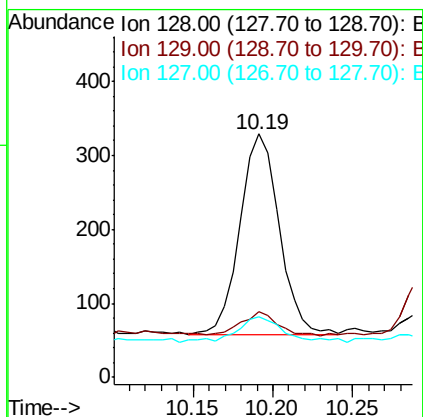
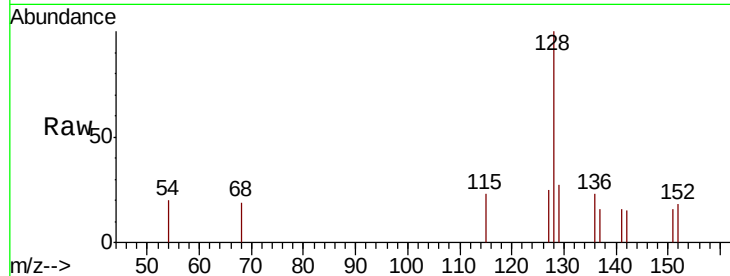
#3
Naphthalene
Concen: 0.036 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013024.D
Acq: 09 Dec 2020 22:33

Instrument :
BNA_N
ClientSampled :
C0B21

Tot Ion	Ratio	Lower	Upper
128	100		
129	27.1	12.3	18.5#
127	24.9	14.2	21.4#

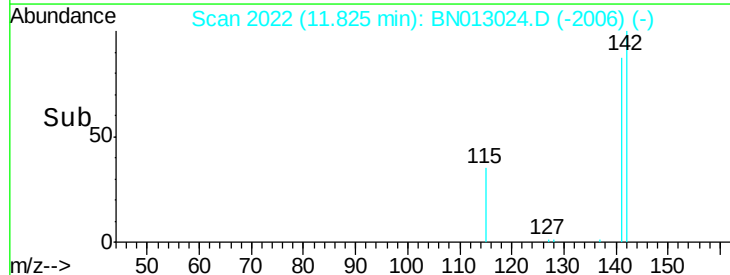
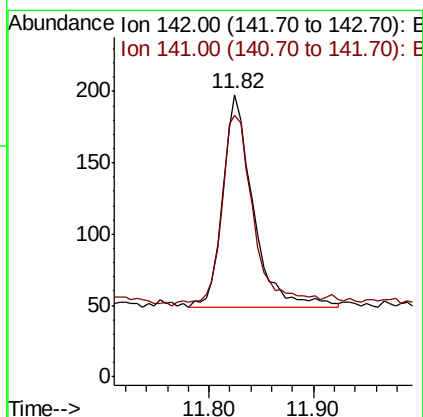
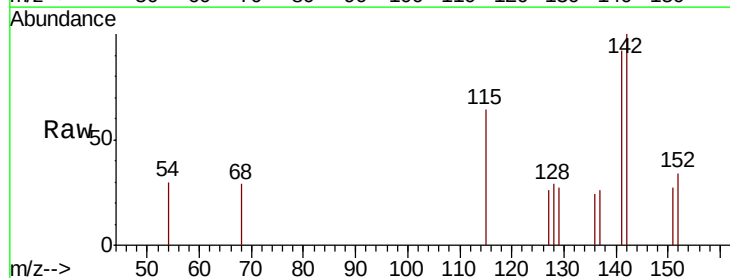
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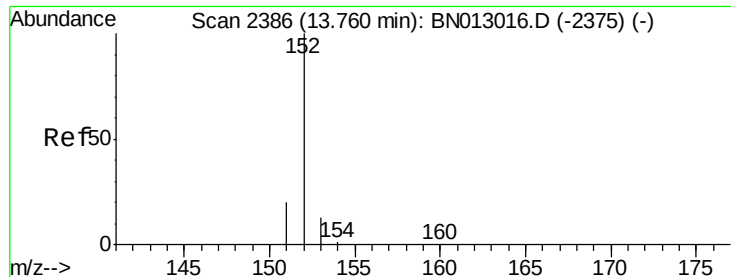
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#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013024.D
Acq: 09 Dec 2020 22:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013024.D

Acq: 09 Dec 2020 22:33

Instrument :

BNA_N

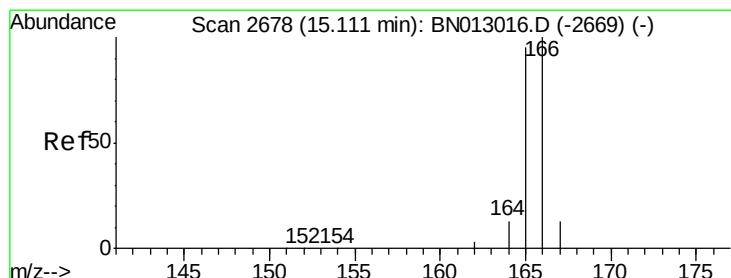
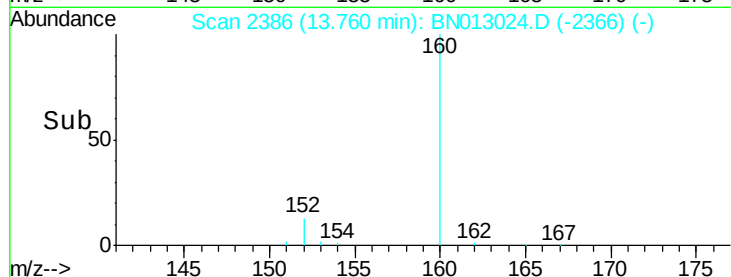
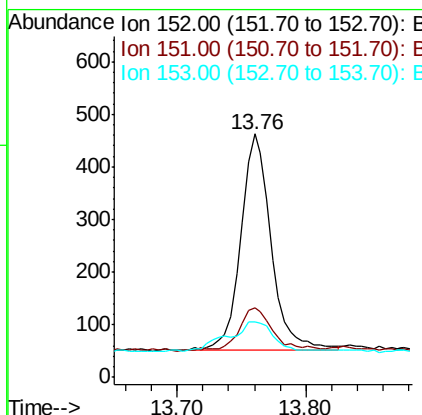
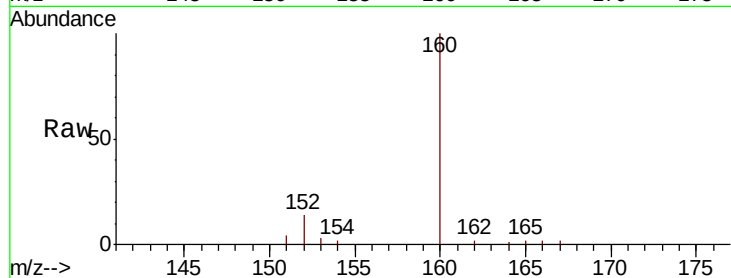
ClientSampleId :

C0B21

Tot Ion:	152	Resp:	666
Ion Ratio	Lower	Upper	
152	100		
151	28.7	18.2	27.4#
153	22.9	13.1	19.7#

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#9

Fluorene

Concen: 0.021 ng/ul

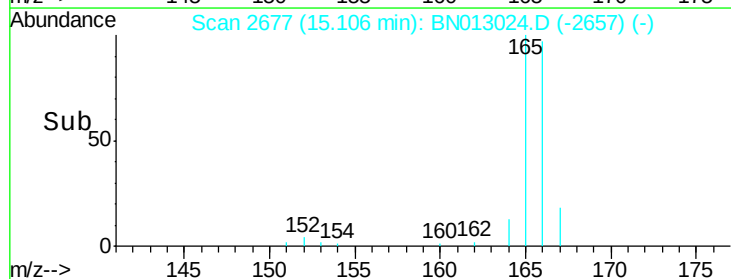
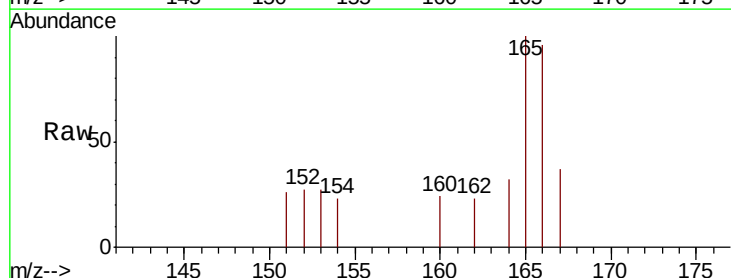
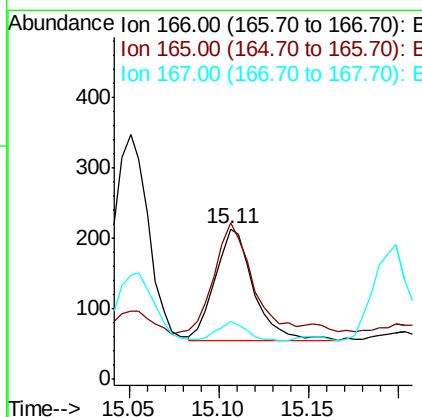
RT: 15.11 min Scan# 2677

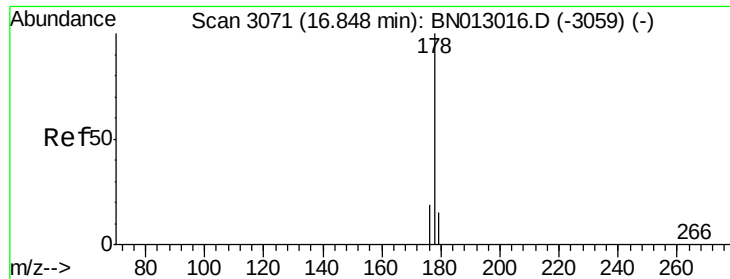
Delta R.T. -0.01 min

Lab File: BN013024.D

Acq: 09 Dec 2020 22:33

Tgt Ion:	166	Resp:	238
Ion Ratio	Lower	Upper	
166	100		
165	104.2	79.8	119.8
167	38.5	13.8	20.8#





#12

Phenanthrene

Concen: 0.341 ng/ul

RT: 16.84 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BN013024.D

Acq: 09 Dec 2020 22:33

Instrument :

BNA_N

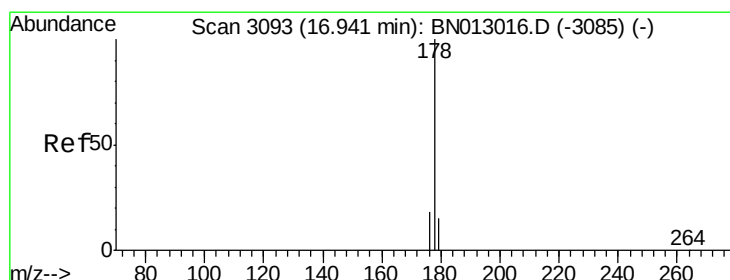
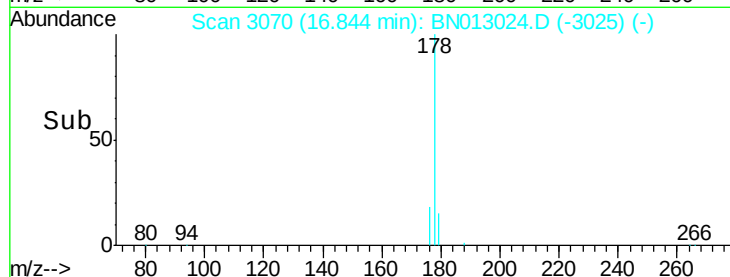
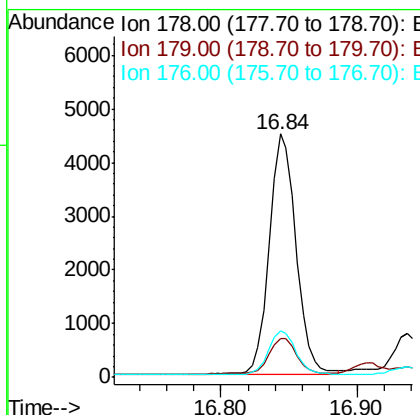
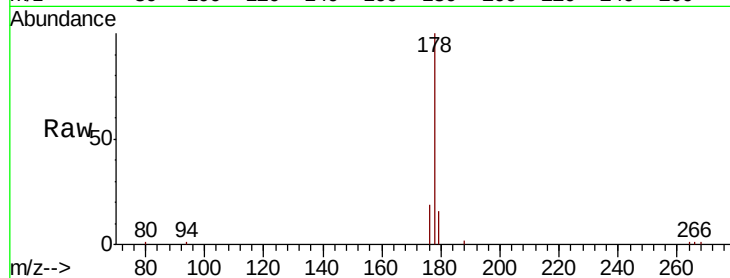
ClientSampleId :

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Tot Ion:178	Resp:	6162
Ion Ratio	Lower	Upper
178	100	
179	16.2	13.6 20.4
176	19.3	16.4 24.6

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#13

Anthracene

Concen: 0.073 ng/ul

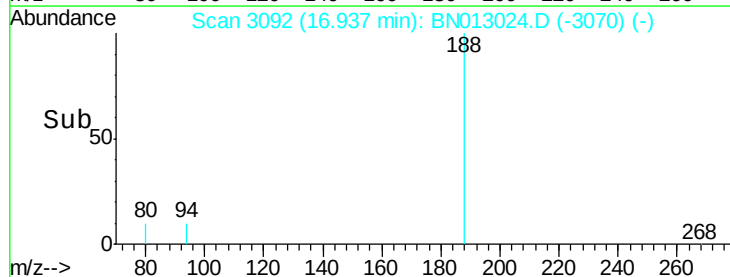
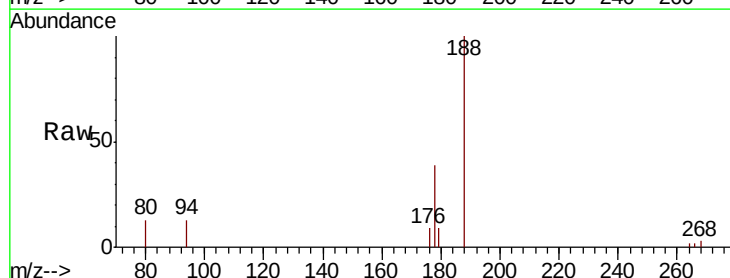
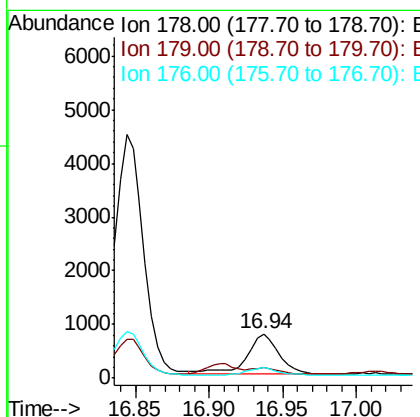
RT: 16.94 min Scan# 3092

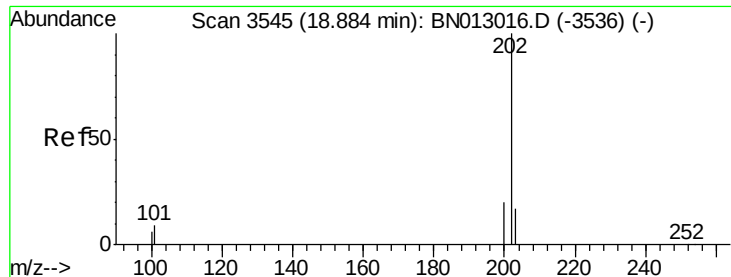
Delta R.T. -0.01 min

Lab File: BN013024.D

Acq: 09 Dec 2020 22:33

Tgt Ion:178	Resp:	1118
Ion Ratio	Lower	Upper
178	100	
179	23.2	14.6 21.8#
176	23.9	17.1 25.7





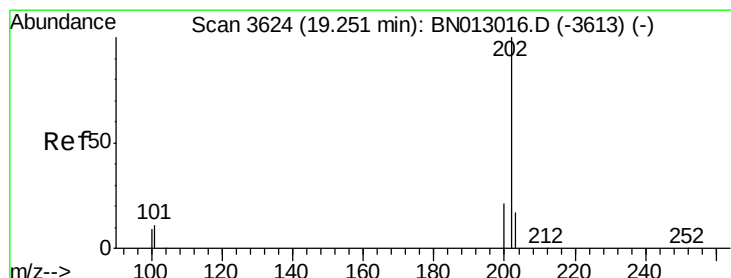
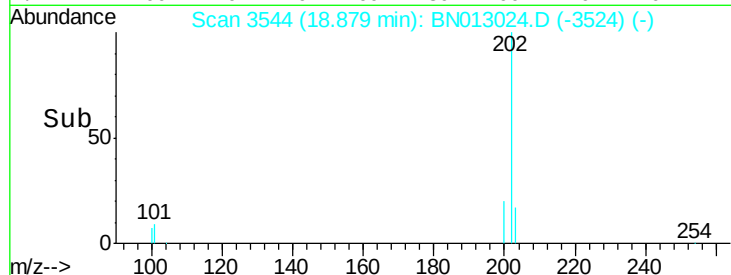
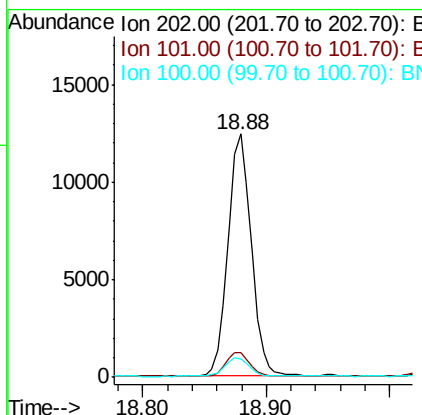
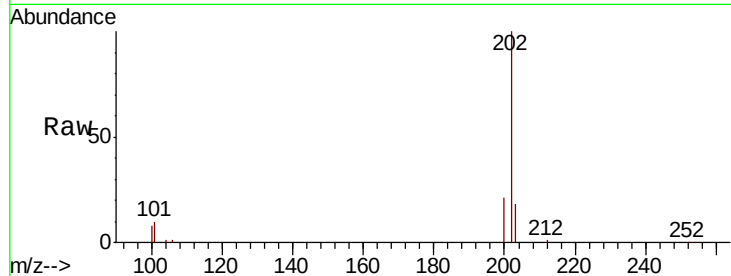
#15
Fluoranthene
Concen: 0.761 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013024.D
Acq: 09 Dec 2020 22:33

Instrument :
BNA_N
ClientSampleId :
C0B21

Tot Ion	Ratio	Resp	Lower	Upper
202	100	16349		
101	9.9	0.0	30.6	
100	7.8	0.0	28.7	

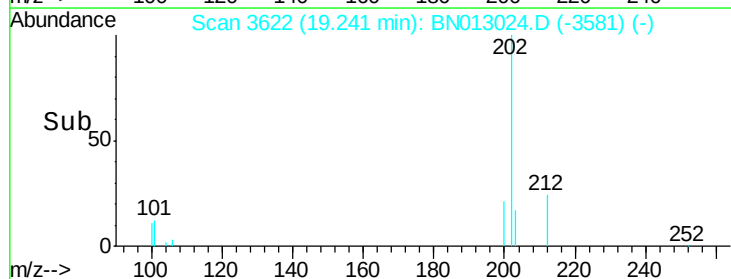
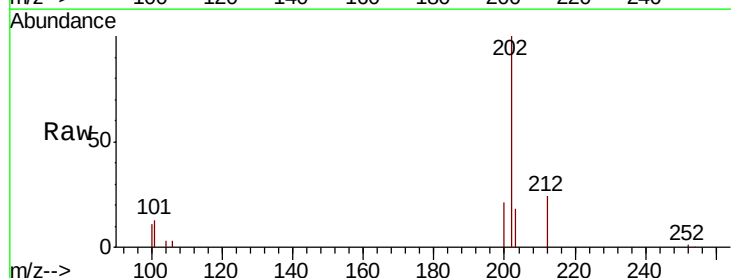
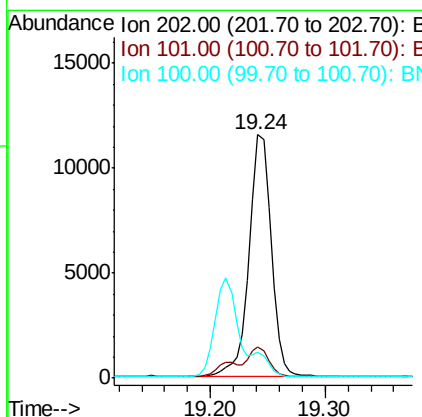
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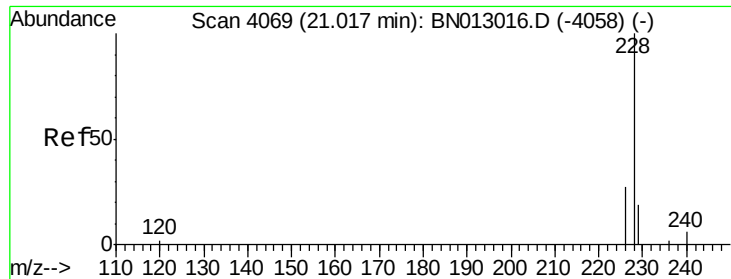
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#17
Pyrene
Concen: 0.783 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.01 min
Lab File: BN013024.D
Acq: 09 Dec 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	15564		
101	12.6	9.1	13.7	
100	10.9	7.5	11.3	





#18

Benzo(a)anthracene

Concen: 0.401 ng/ul

RT: 21.01 min Scan# 4066

Delta R.T. -0.01 min

Lab File: BN013024.D

Acq: 09 Dec 2020 22:33

Instrument :

BNA_N

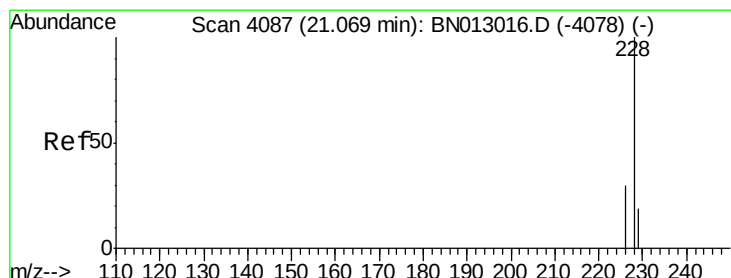
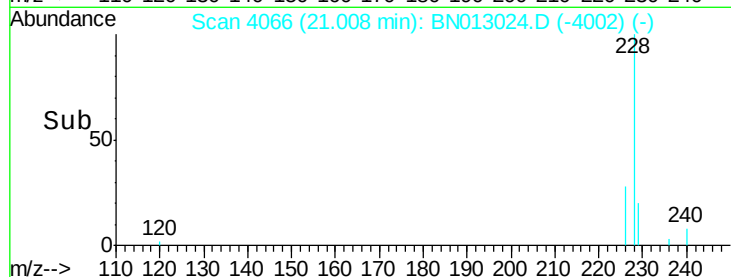
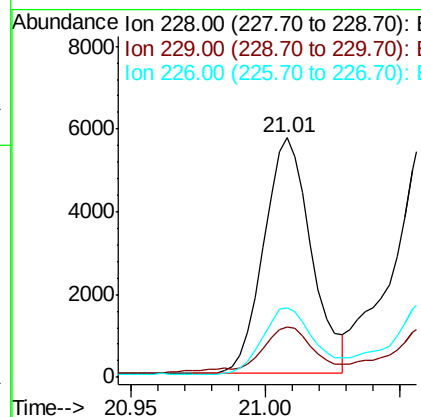
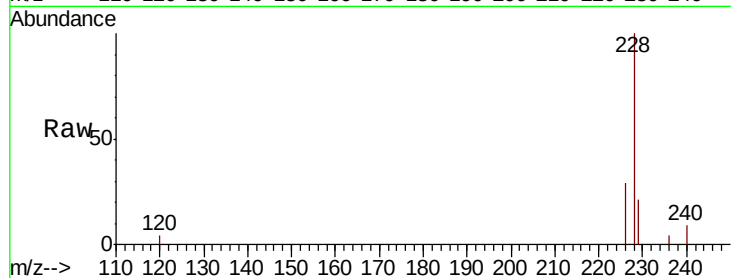
ClientSampleId :

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Tot Ion:228	Resp:	6984
Ion Ratio	Lower	Upper
228 100		
229 21.2	16.3	24.5
226 29.3	23.4	35.2

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#19

Chrysene

Concen: 0.446 ng/ul

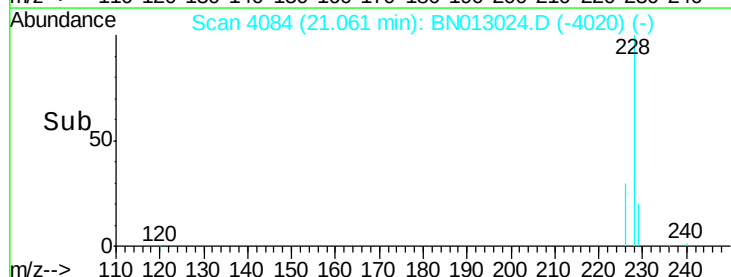
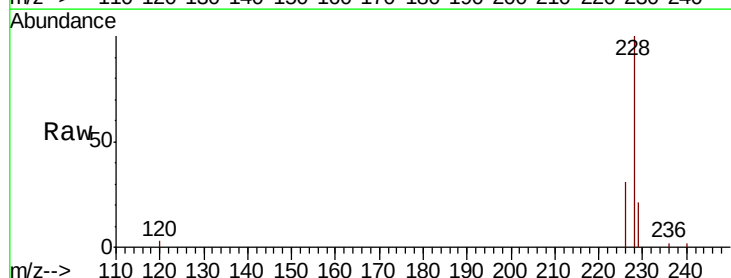
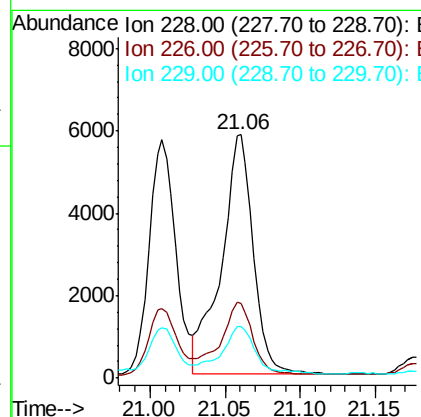
RT: 21.06 min Scan# 4084

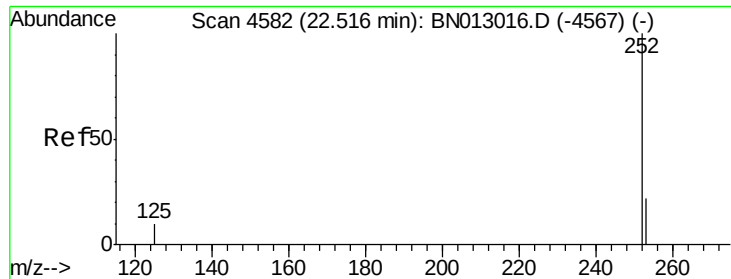
Delta R.T. -0.01 min

Lab File: BN013024.D

Acq: 09 Dec 2020 22:33

Tgt Ion:228	Resp:	8572
Ion Ratio	Lower	Upper
228 100		
226 30.7	25.0	37.6
229 21.3	16.4	24.6





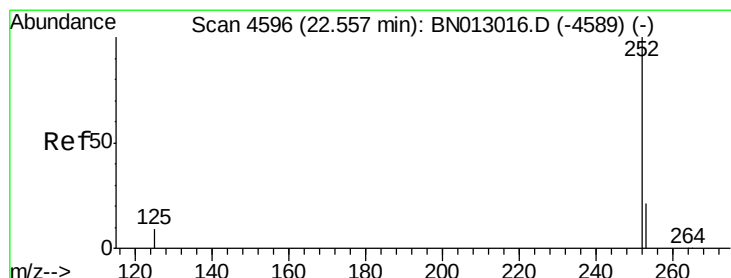
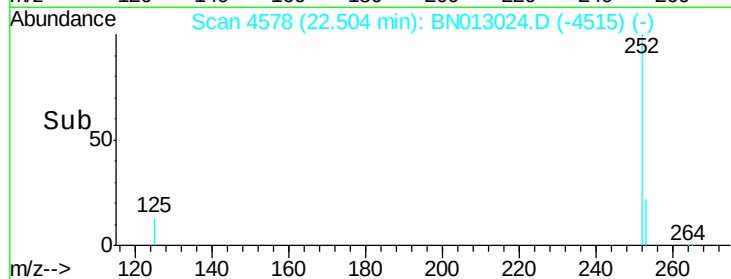
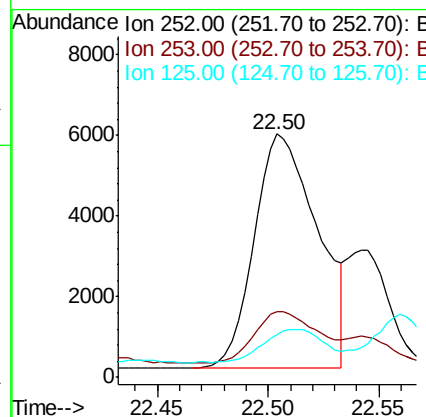
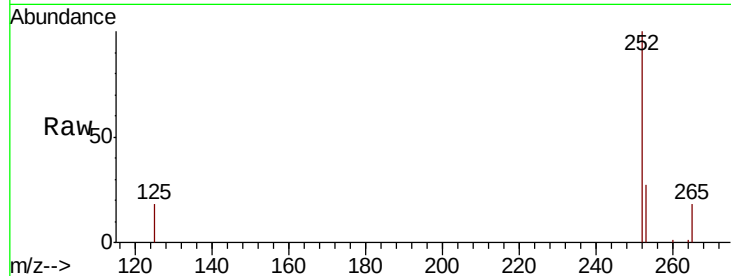
#21
Benzo(b)fluoranthene
Concen: 0.632 ng/ul m
RT: 22.50 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BN013024.D
Acq: 09 Dec 2020 22:33

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	59.6
125	17.7	0.0	26.0

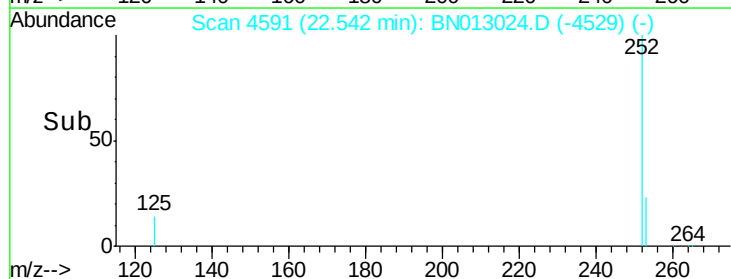
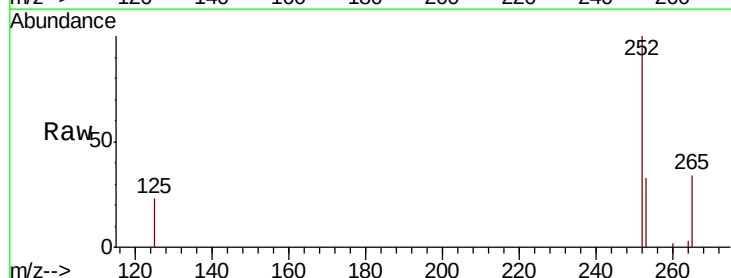
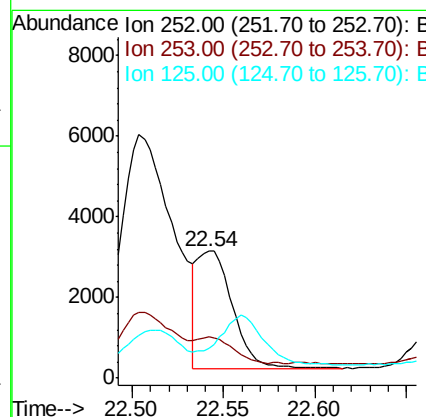
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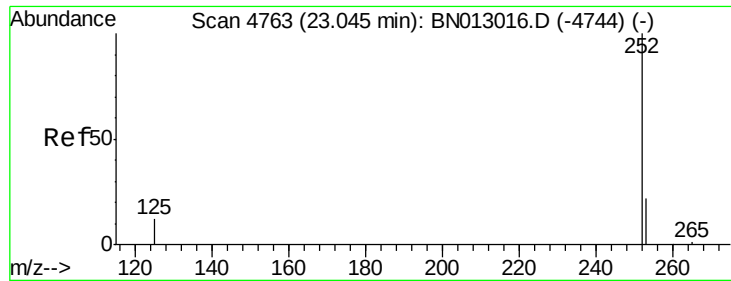
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#22
Benzo(k)fluoranthene
Concen: 0.189 ng/ul m
RT: 22.54 min Scan# 4591
Delta R.T. -0.02 min
Lab File: BN013024.D
Acq: 09 Dec 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	23.4	35.2
125	23.3	11.1	16.7#





#23

Benzo(a)pyrene

Concen: 0.418 ng/ul m

RT: 23.03 min Scan# 4758

Delta R.T. -0.01 min

Lab File: BN013024.D

Acq: 09 Dec 2020 22:33

Instrument :

BNA_N

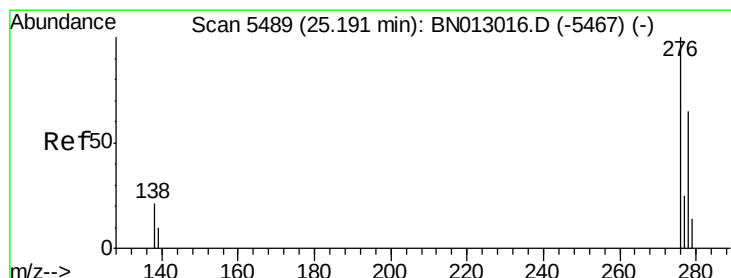
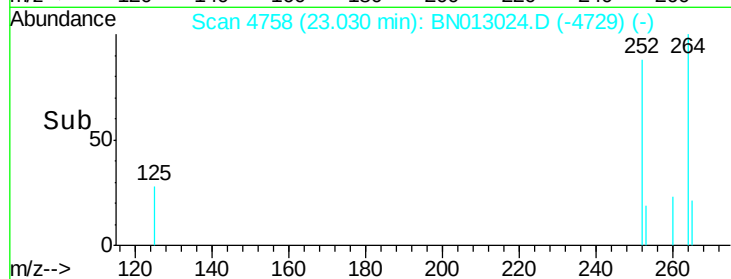
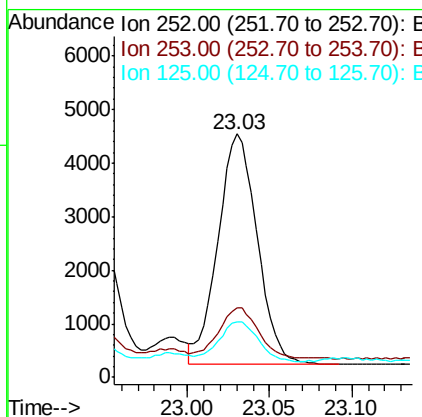
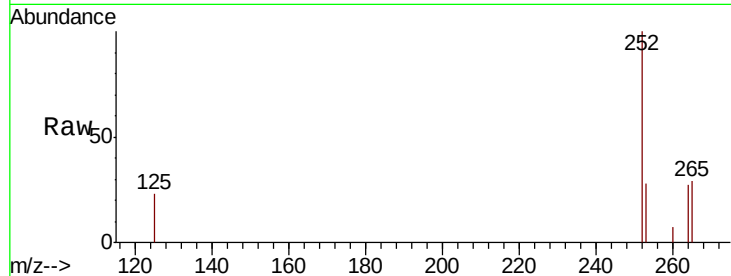
ClientSampleId :

C0B21

Tot Ion:	252	Resp:	7173
Ion Ratio	Lower	Upper	
252	100		
253	28.5	26.5	39.7
125	22.9	14.2	21.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.219 ng/ul

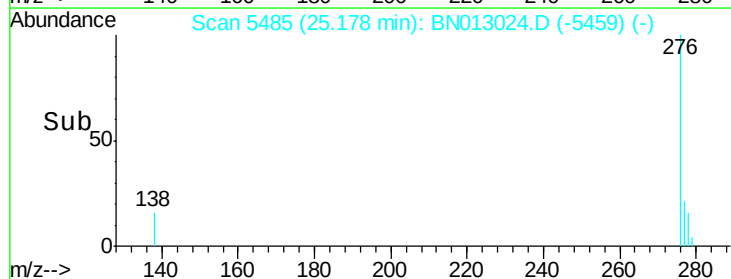
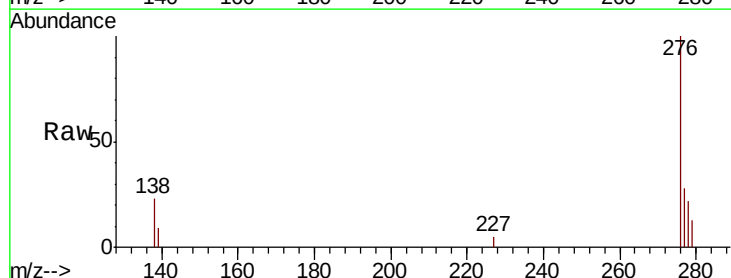
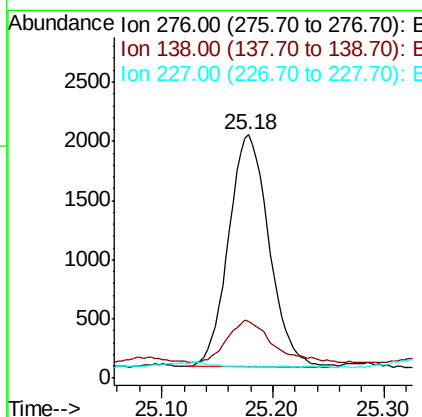
RT: 25.18 min Scan# 5485

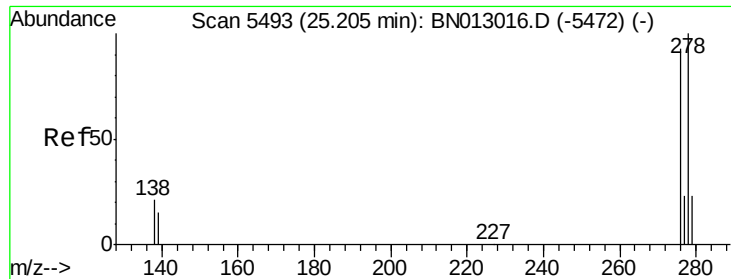
Delta R.T. -0.01 min

Lab File: BN013024.D

Acq: 09 Dec 2020 22:33

Tgt Ion:	276	Resp:	4948
Ion Ratio	Lower	Upper	
276	100		
138	19.4	16.2	24.2
227	0.1	0.0	0.0#





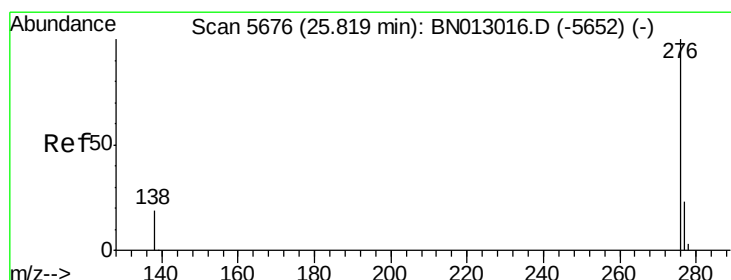
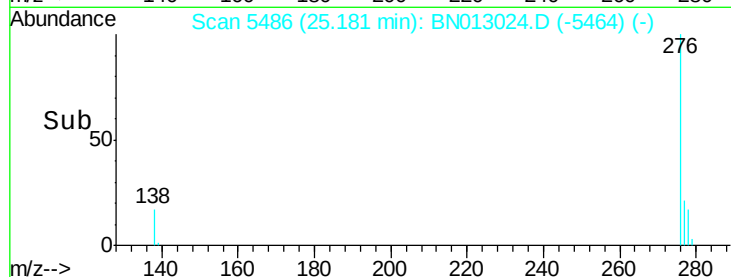
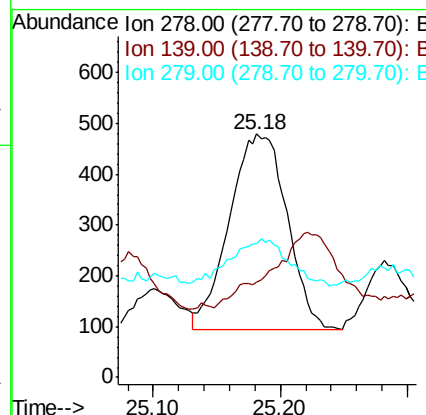
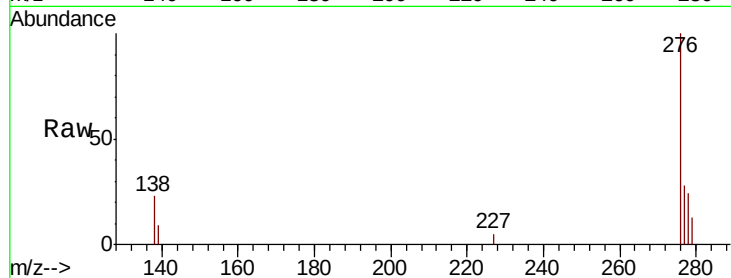
#25
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.03 min
Lab File: BN013024.D
Acq: 09 Dec 2020 22:33

Instrument :
BNA_N
ClientSampled :
C0B21

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.0	14.5	21.7#
279	54.9	26.3	39.5#

Manual Integrations
APPROVED

mohammad
12/11/2020 1:18:12 PM



#26
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul
RT: 25.81 min Scan# 5673
Delta R.T. -0.01 min
Lab File: BN013024.D
Acq: 09 Dec 2020 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	16.3	24.5
277	28.1	21.8	32.6

