

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013518.D
 Acq On : 27 Jan 2021 22:31
 Operator : CG/JU
 Sample : M1099-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C08

Manual Integrations
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mohammad
 1/28/2021 11:44:43 AM

Quant Time: Jan 28 02:21:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 23:35:53 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4307	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	16470	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9577	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	20023m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	18942	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	18752	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	8757	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	18944	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	3101	0.065	ng/ul#	92
5) 2-Methylnaphthalene	12.00	142	1036	0.034	ng/ul	99
7) Acenaphthylene	13.92	152	7282	0.185	ng/ul	97
8) Acenaphthene	14.26	153	3285	0.094	ng/ul	99
9) Fluorene	15.25	166	2602	0.067	ng/ul#	98
12) Phenanthrene	16.99	178	12684	0.193	ng/ul	99
13) Anthracene	17.08	178	2602	0.048	ng/ul#	89
15) Fluoranthene	19.01	202	16590	0.232	ng/ul	97
17) Pyrene	19.38	202	35830	0.462	ng/ul	99
18) Benzo(a)anthracene	21.14	228	2582	0.041	ng/ul#	1
19) Chrysene	21.19	228	3447	0.044	ng/ul#	86
21) Benzo(b)fluoranthene	22.68	252	4727m	0.060	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	1739m	0.021	ng/ul	
23) Benzo(a)pyrene	23.22	252	4537	0.068	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.47	276	4096	0.046	ng/ul#	100
26) Benzo(a,h,i)perylene	26.13	276	9198	0.117	ng/ul	96

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

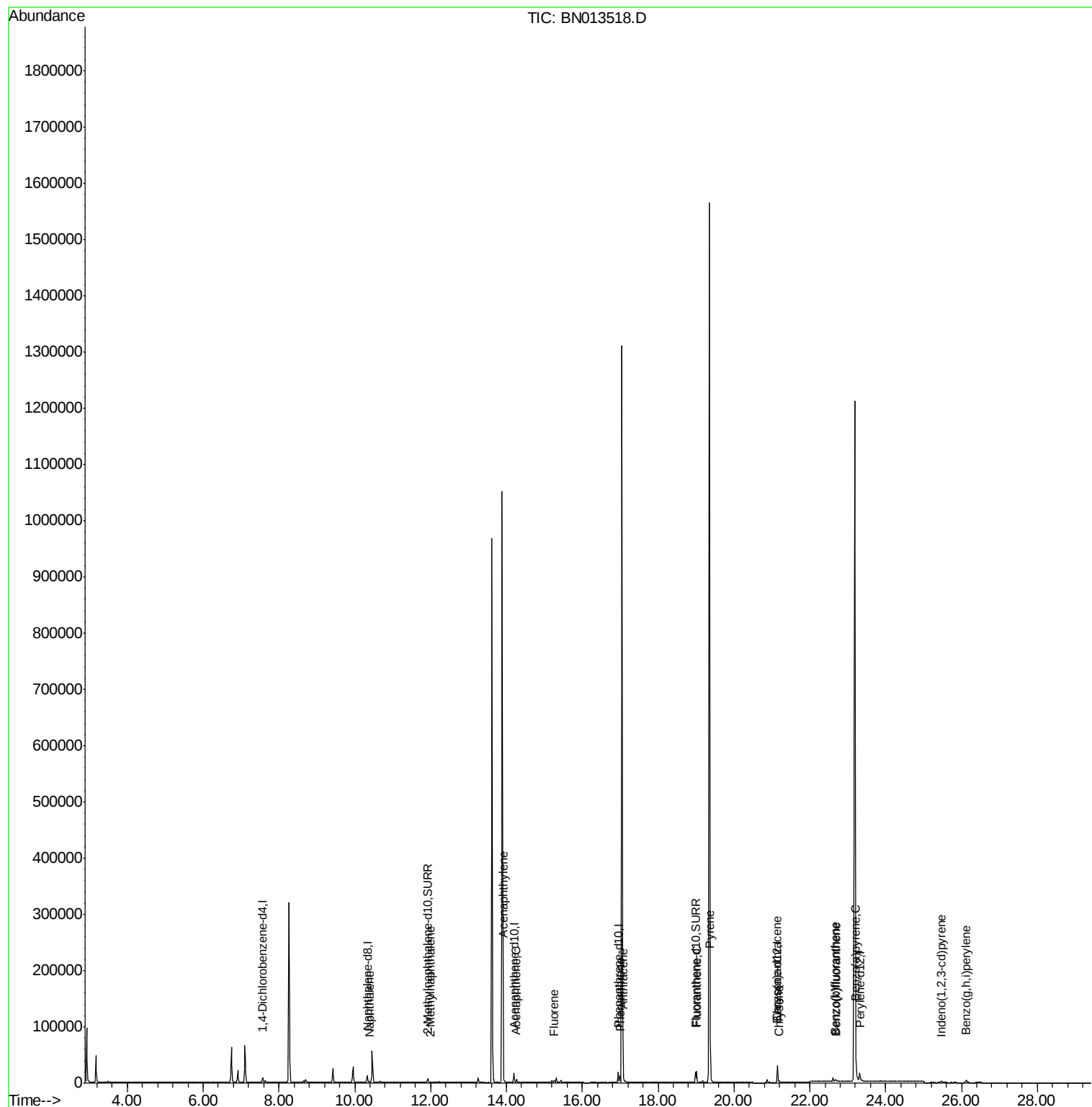
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013518.D
Acq On : 27 Jan 2021 22:31
Operator : CG/JU
Sample : M1099-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

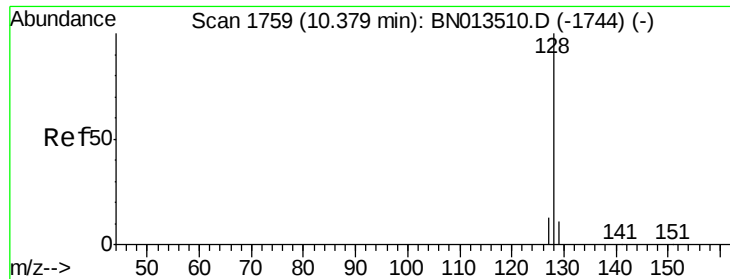
Instrument :
BNA_N
ClientSampleId :
F1C08

Quant Time: Jan 28 02:21:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
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#3

Naphthalene

Concen: 0.065 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

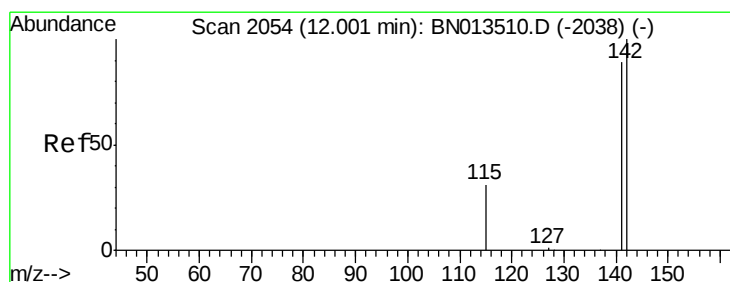
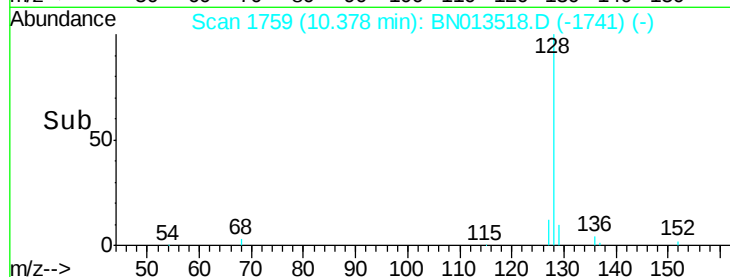
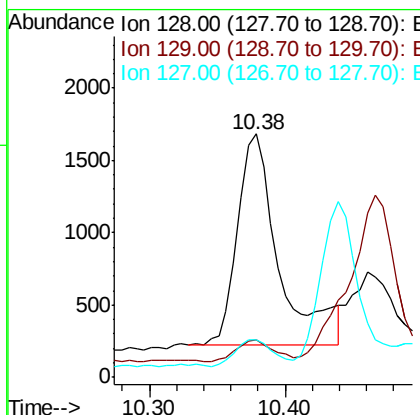
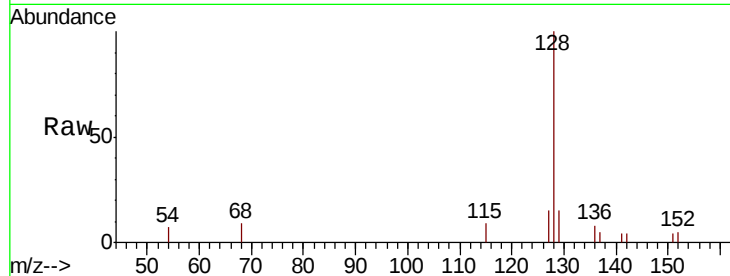
ClientSampleId :

F1C08

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.0	13.6#
127	15.5	10.6	15.8

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#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

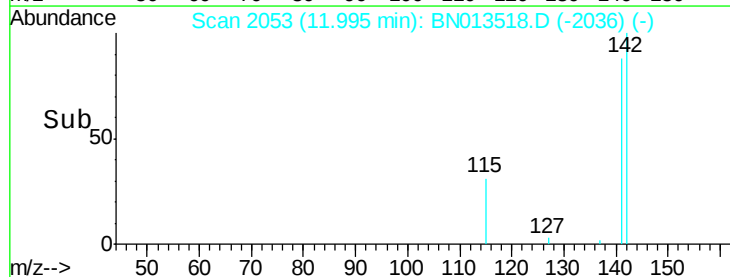
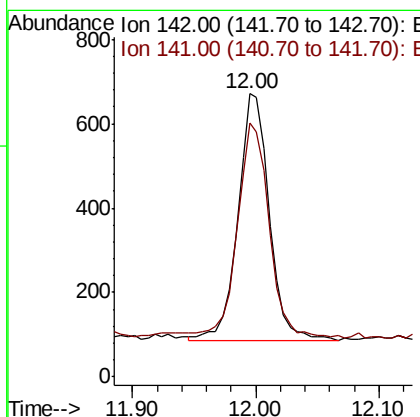
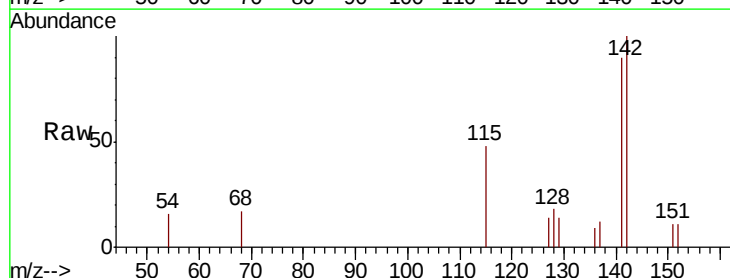
RT: 12.00 min Scan# 2053

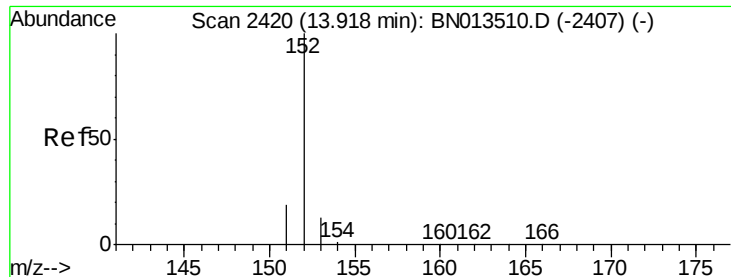
Delta R.T. -0.01 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	106.0





#7

Acenaphthylene

Concen: 0.185 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

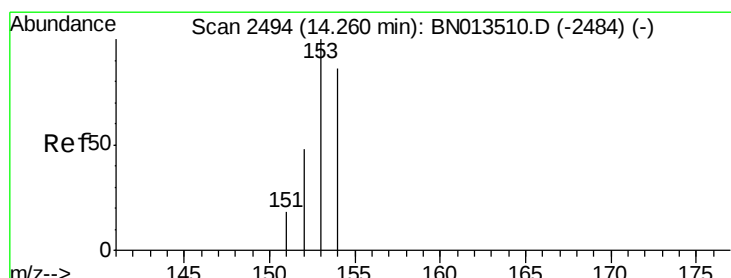
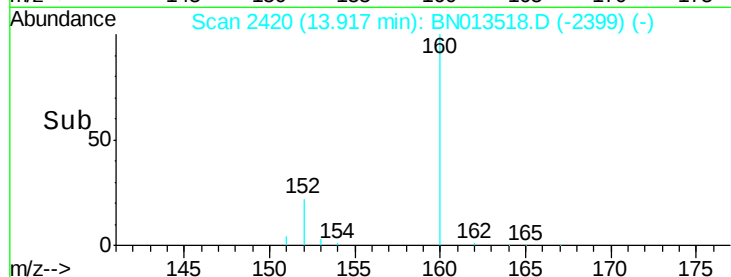
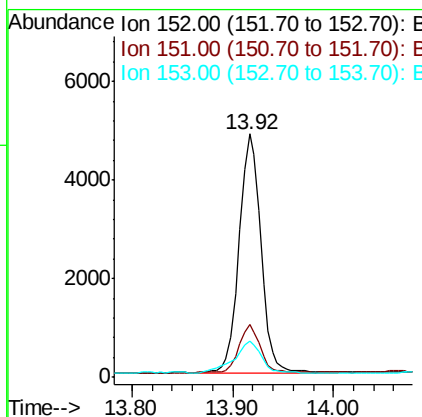
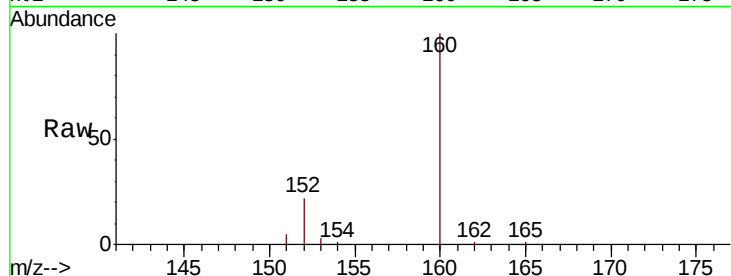
ClientSampleId :

F1C08

Tot Ion:	152	Resp:	7282
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.1	24.1
153	14.7	10.7	16.1

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#8

Acenaphthene

Concen: 0.094 ng/ul

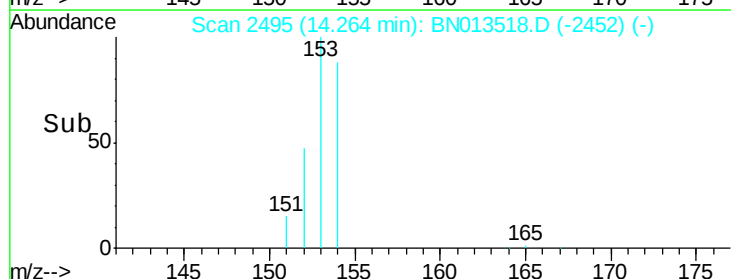
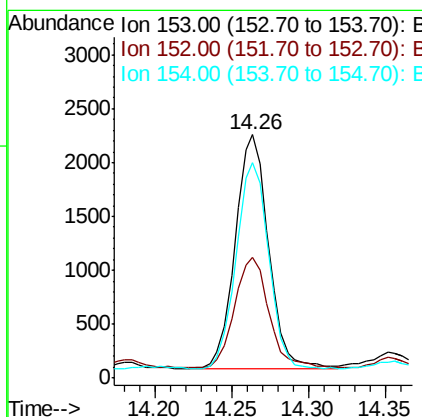
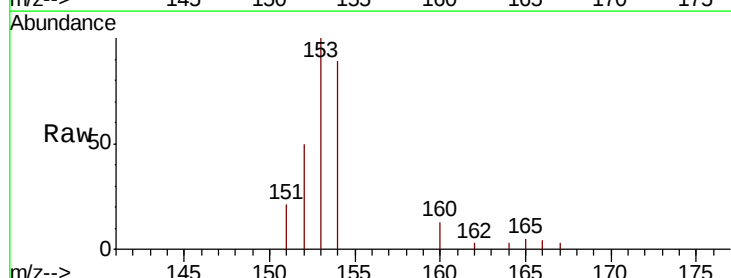
RT: 14.26 min Scan# 2495

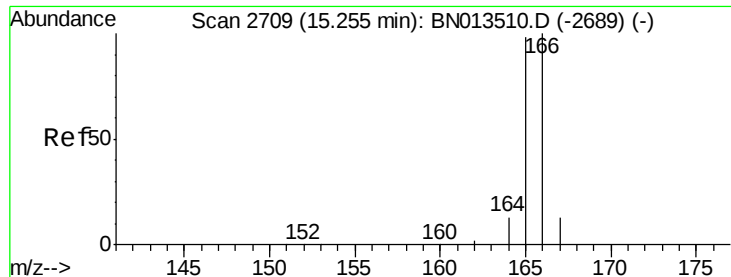
Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Tgt Ion:	153	Resp:	3285
Ion Ratio	Lower	Upper	
153	100		
152	49.8	39.5	59.3
154	88.7	70.6	105.8





#9

Fluorene

Concen: 0.067 ng/ul

RT: 15.25 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

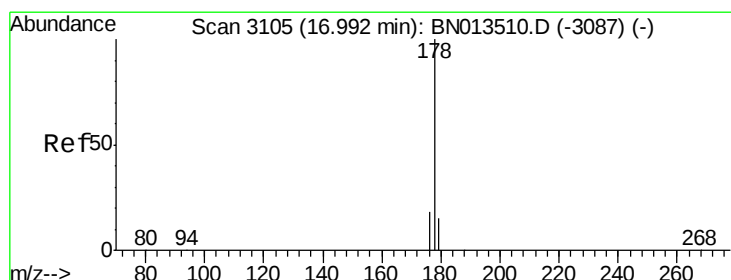
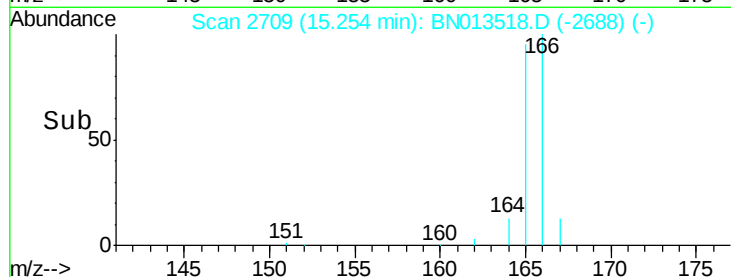
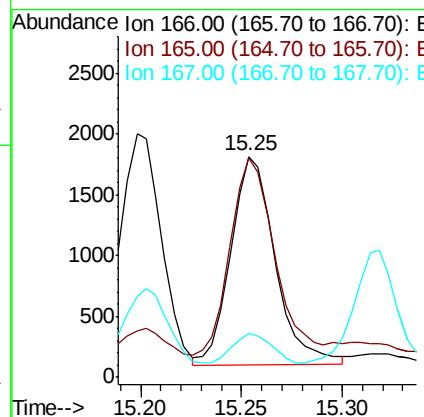
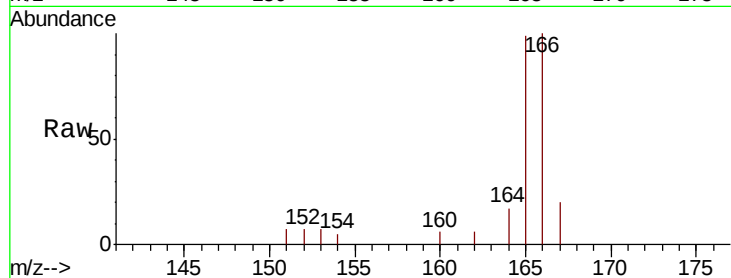
ClientSampled :

F1C08

Tot Ion:	166	Resp:	2602
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.7	118.1
167	19.7	11.3	16.9#

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#12

Phenanthrene

Concen: 0.193 ng/ul

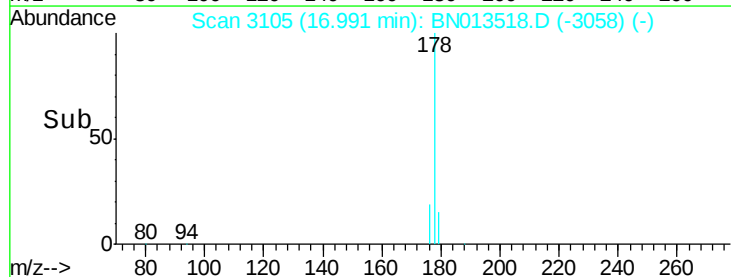
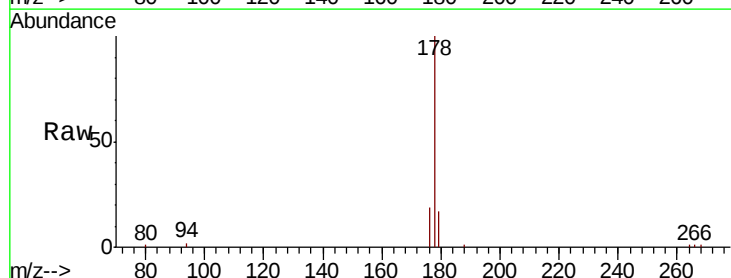
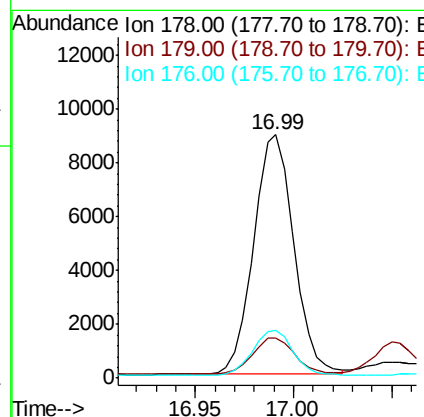
RT: 16.99 min Scan# 3105

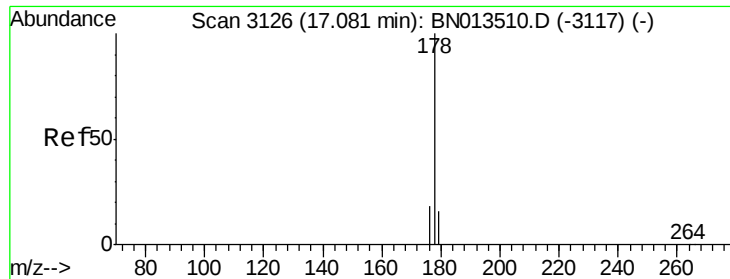
Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Tgt Ion:	178	Resp:	12684
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.5	18.7
176	19.4	15.6	23.4





#13

Anthracene

Concen: 0.048 ng/ul

RT: 17.08 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

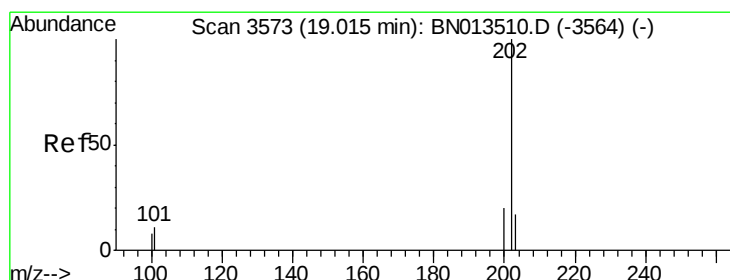
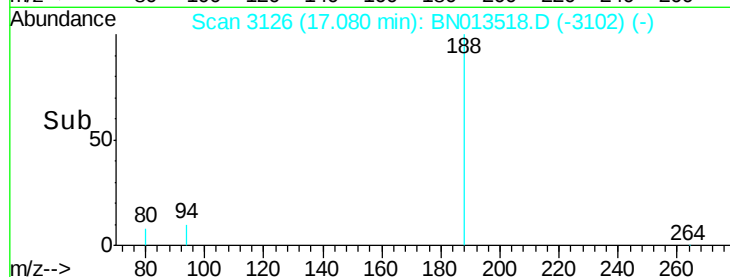
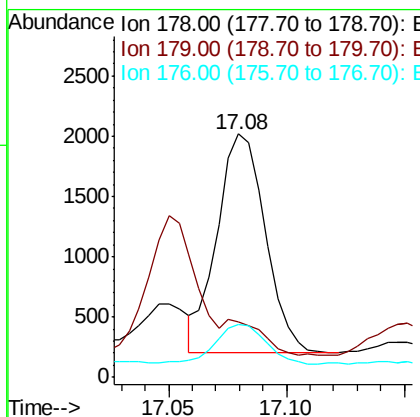
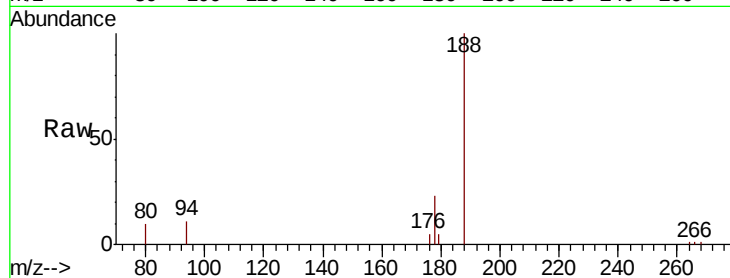
ClientSampleId :

F1C08

Tot Ion:	178	Resp:	2602
Ion Ratio	Lower	Upper	
178	100		
179	23.0	12.6	19.0#
176	21.7	15.0	22.4

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#15

Fluoranthene

Concen: 0.232 ng/ul

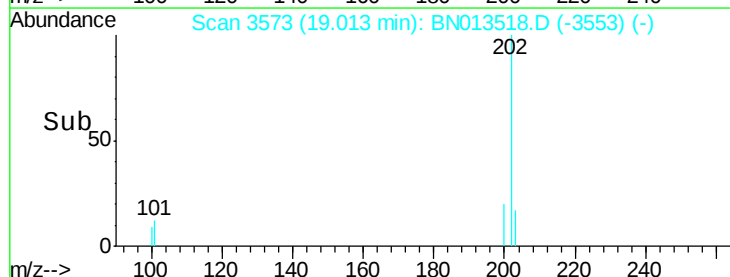
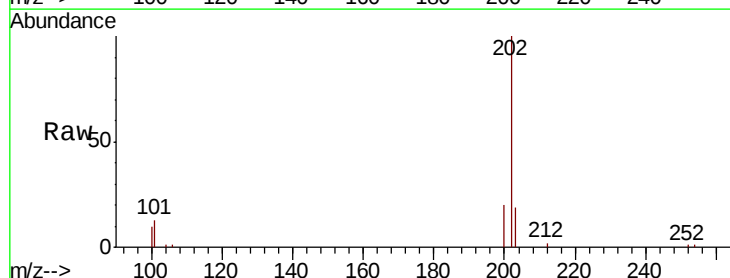
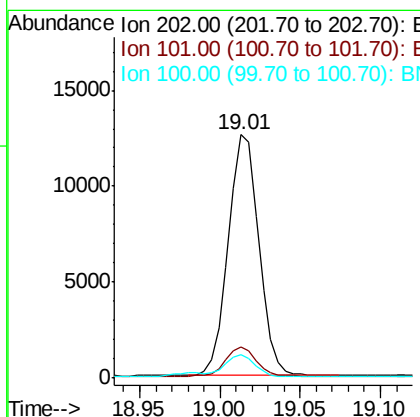
RT: 19.01 min Scan# 3573

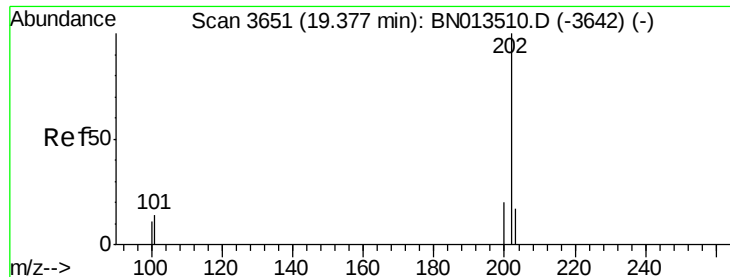
Delta R.T. -0.01 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Tgt Ion:	202	Resp:	16590
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.6
100	9.6	0.0	28.5





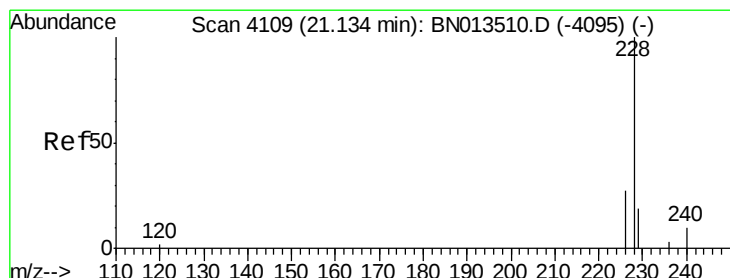
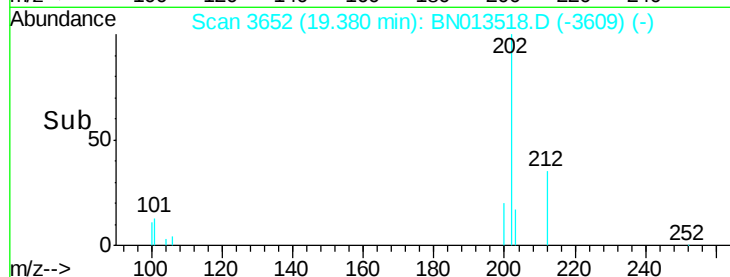
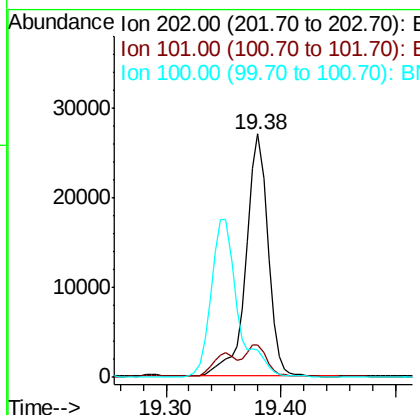
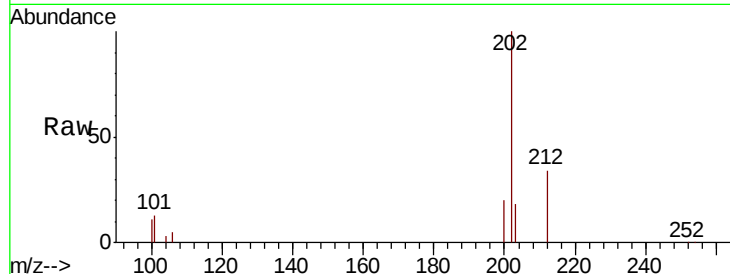
#17
Pvrene
Concen: 0.462 ng/ul
RT: 19.38 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BN013518.D
Acq: 27 Jan 2021 22:31

Instrument :
BNA_N
ClientSampleId :
F1C08

Tot Ion	Ratio	Resp	Lower	Upper
202	100	35830		
101	13.4		11.2	16.8
100	11.2		9.0	13.4

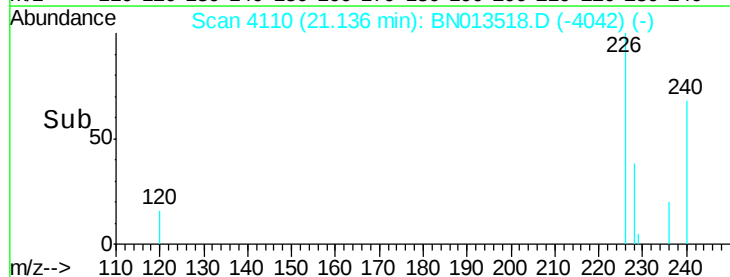
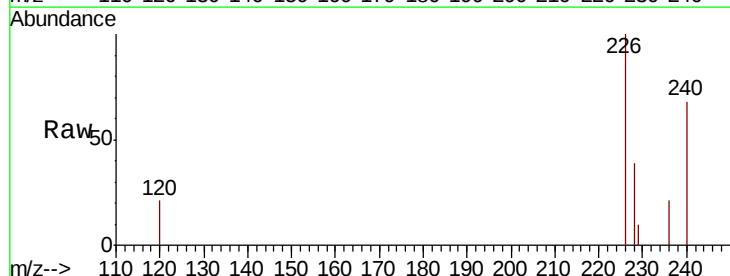
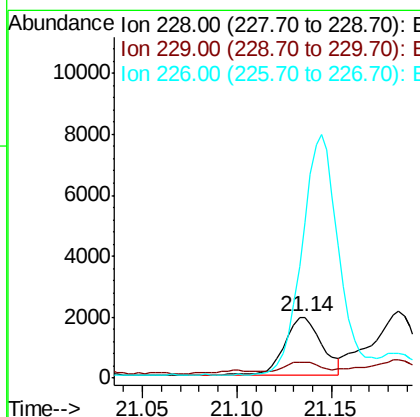
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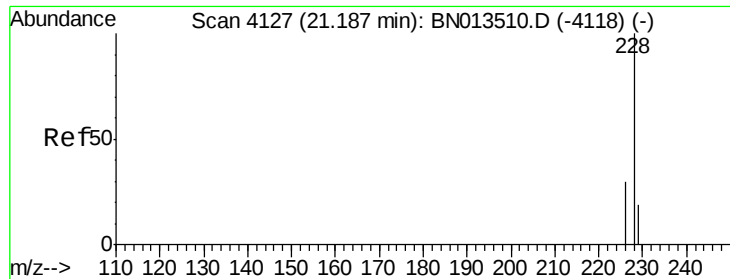
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#18
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.14 min Scan# 4110
Delta R.T. -0.00 min
Lab File: BN013518.D
Acq: 27 Jan 2021 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2582		
229	26.8		15.6	23.4#
226	254.9		21.9	32.9#





#19

Chrysene

Concen: 0.044 ng/ul

RT: 21.19 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

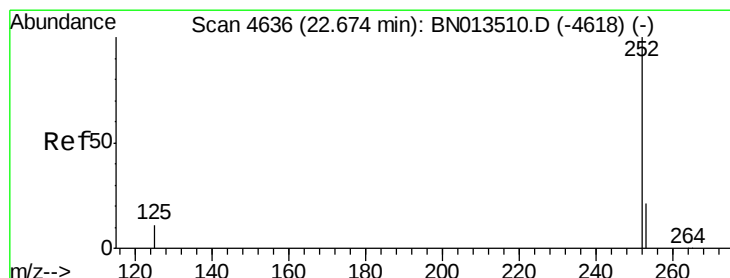
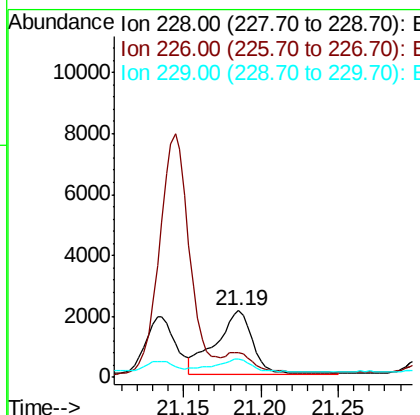
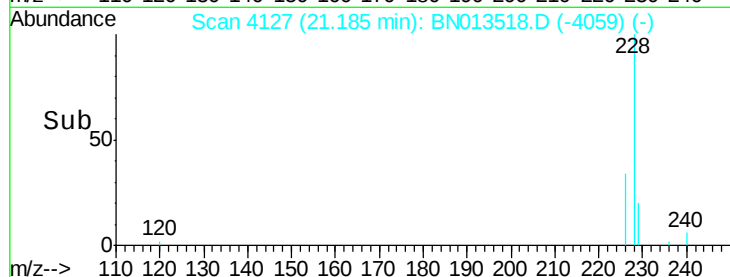
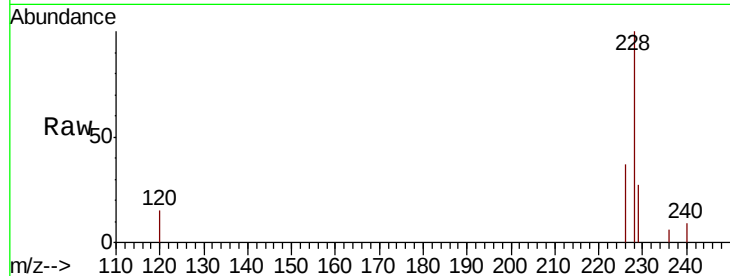
ClientSampled :

F1C08

Tot Ion:	228	Resp:	3447
Ion Ratio	Lower	Upper	
228	100		
226	37.5	24.0	36.0#
229	26.9	15.8	23.8#

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#21

Benzo(b)fluoranthene

Concen: 0.060 ng/ul m

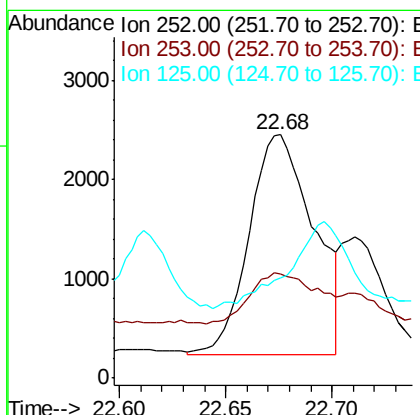
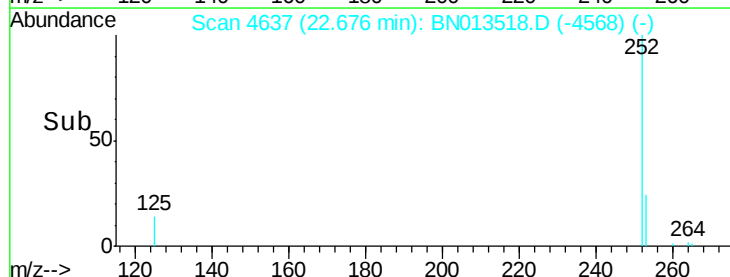
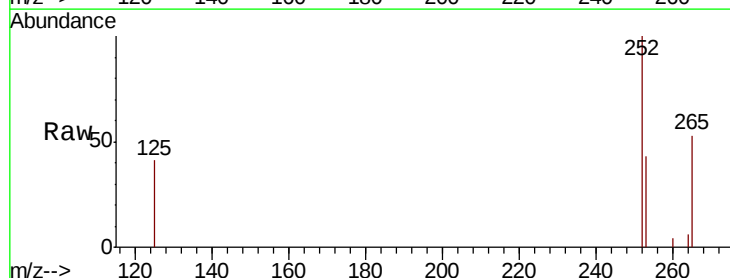
RT: 22.68 min Scan# 4637

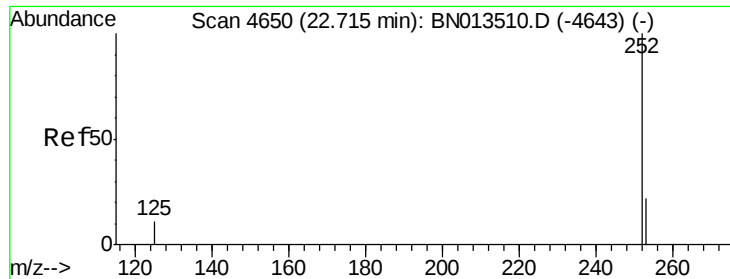
Delta R.T. 0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Tgt Ion:	252	Resp:	4727
Ion Ratio	Lower	Upper	
252	100		
253	42.9	0.0	47.4
125	41.1	0.0	26.8#





#22

Benzo(k)fluoranthene

Concen: 0.021 ng/ul m

RT: 22.71 min Scan# 4649

Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Instrument :

BNA_N

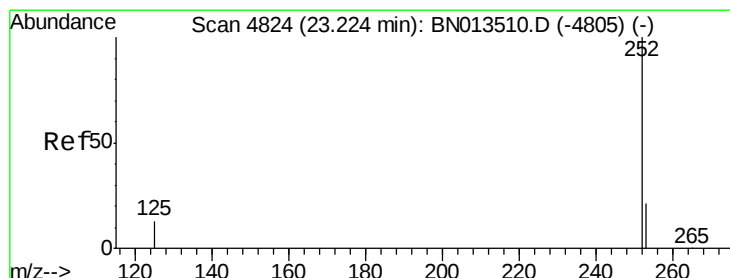
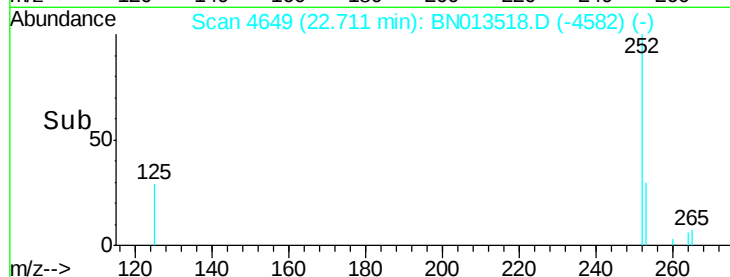
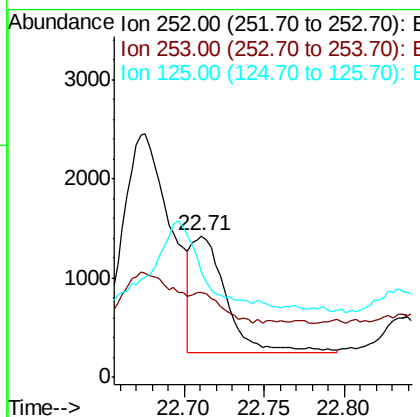
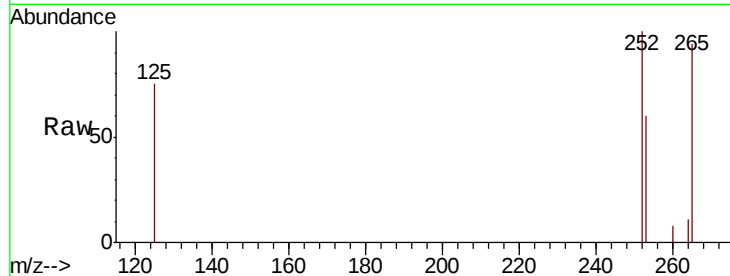
ClientSampleId :

F1C08

Tot Ion	Ratio	Lower	Upper
252	100		
253	60.5	19.2	28.8#
125	74.9	11.4	17.2#

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#23

Benzo(a)pyrene

Concen: 0.068 ng/ul

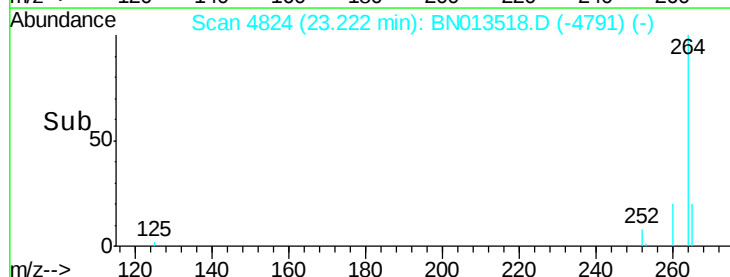
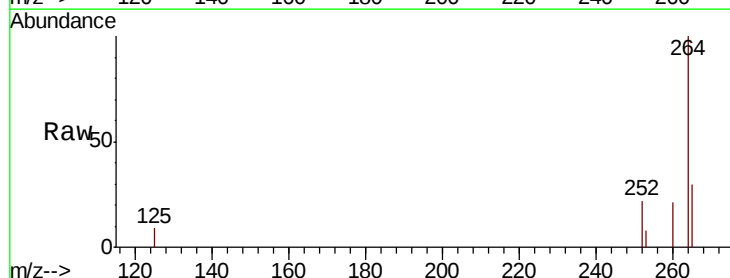
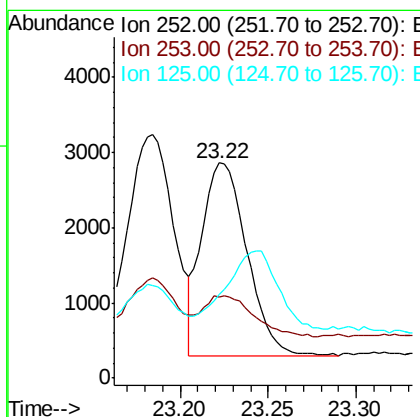
RT: 23.22 min Scan# 4824

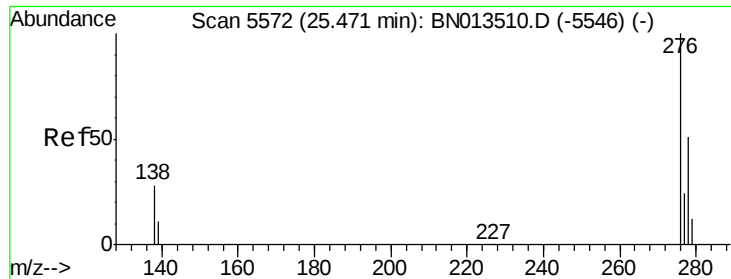
Delta R.T. -0.00 min

Lab File: BN013518.D

Acq: 27 Jan 2021 22:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.7	20.1	30.1#
125	38.7	13.1	19.7#





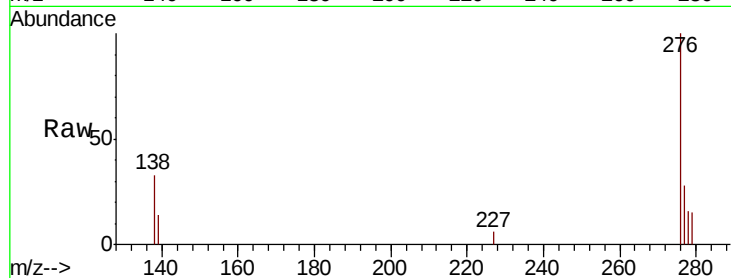
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.046 ng/ul
 RT: 25.47 min Scan# 5573
 Delta R.T. -0.00 min
 Lab File: BN013518.D
 Acq: 27 Jan 2021 22:31

Instrument :
 BNA_N
 ClientSampleId :
 F1C08

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	0.0#
227	0.1	0.0	0.0#

Manual Integrations
 APPROVED

mohammad
 1/28/2021 11:44:43 AM

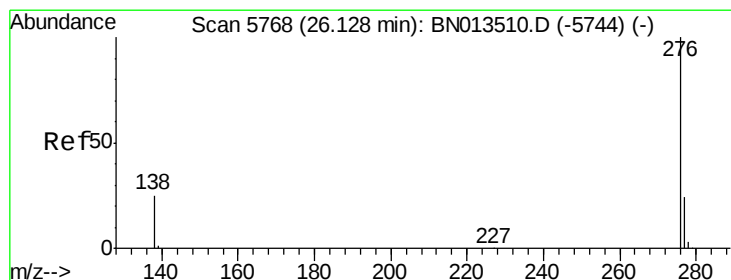
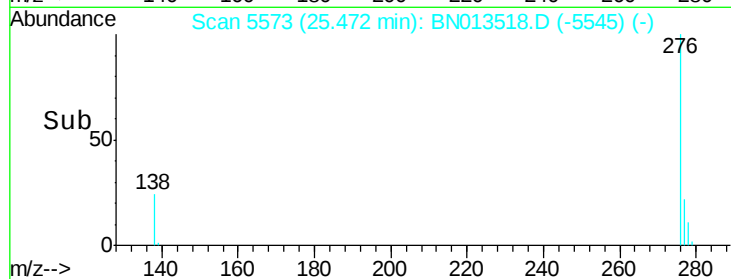
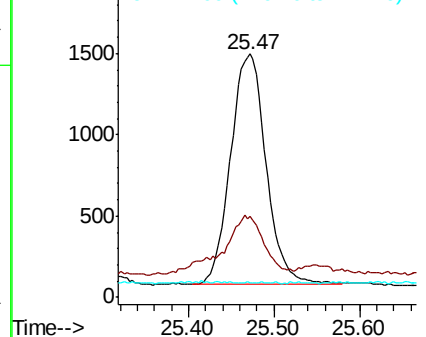


Abundance

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: 0.117 ng/ul
 RT: 26.13 min Scan# 5768
 Delta R.T. -0.00 min
 Lab File: BN013518.D
 Acq: 27 Jan 2021 22:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	21.0	31.4
277	26.4	19.5	29.3

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

