

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013503.D
 Acq On : 27 Jan 2021 12:23
 Operator : CG/JU
 Sample : M1099-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1C17

Manual Integrations
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mohammad
 1/28/2021 11:44:00 AM

Quant Time: Jan 27 13:17:07 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 11:55:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4911	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	18415	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10825	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	22017m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	21378	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	20505	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10783	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	23075	0.40	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	5720	0.107	ng/ul	95
5) 2-Methylnaphthalene	12.00	142	1932	0.057	ng/ul	97
7) Acenaphthylene	13.92	152	17488	0.392	ng/ul	99
8) Acenaphthene	14.26	153	5173	0.130	ng/ul	99
9) Fluorene	15.25	166	5931	0.135	ng/ul#	98
12) Phenanthrene	16.99	178	30198	0.419	ng/ul	99
13) Anthracene	17.08	178	5978	0.101	ng/ul	97
15) Fluoranthene	19.01	202	32429	0.412	ng/ul	98
17) Pyrene	19.38	202	58877	0.673	ng/ul	99
18) Benzo(a)anthracene	21.14	228	5925	0.084	ng/ul#	40
19) Chrysene	21.19	228	7889	0.090	ng/ul#	94
21) Benzo(b)fluoranthene	22.68	252	9575m	0.111	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	3690m	0.040	ng/ul	
23) Benzo(a)pyrene	23.23	252	6985	0.096	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.48	276	5419	0.056	ng/ul#	100
26) Benzo(a,h,i)perylene	26.13	276	8410	0.098	ng/ul	94

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

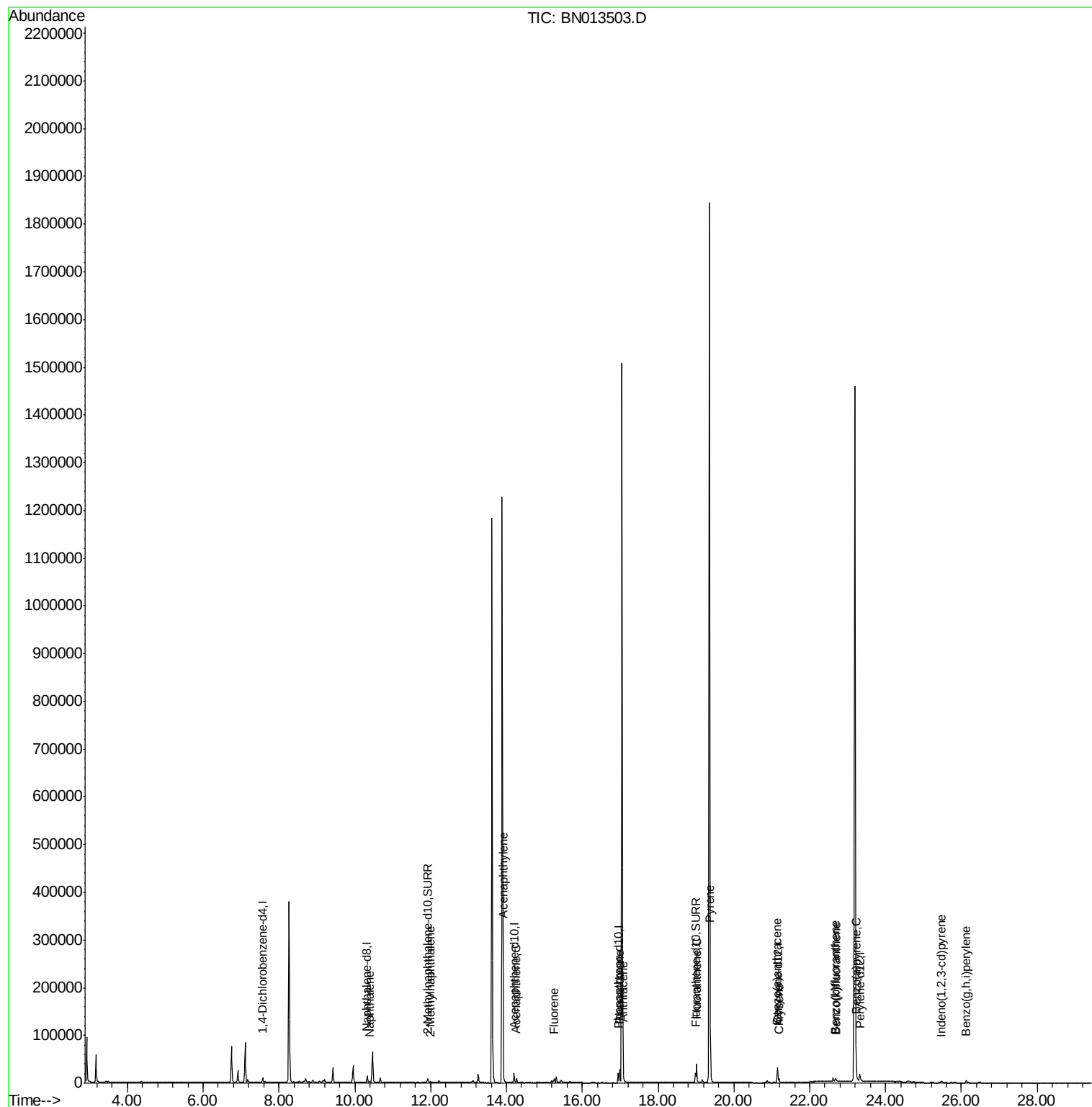
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013503.D
Acq On : 27 Jan 2021 12:23
Operator : CG/JU
Sample : M1099-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

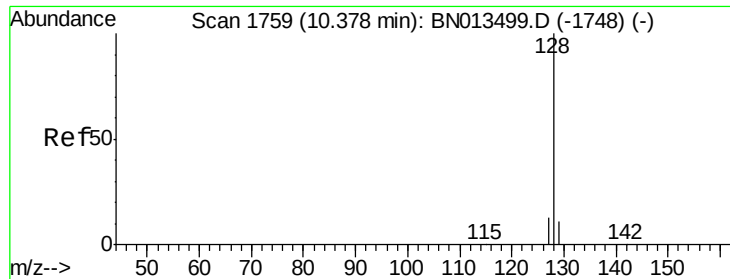
Instrument :
BNA_N
ClientSampleId :
F1C17

Quant Time: Jan 27 13:17:07 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 11:55:49 2021
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.107 ng/ul

RT: 10.38 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BN013503.D

Acq: 27 Jan 2021 12:23

Instrument :

BNA_N

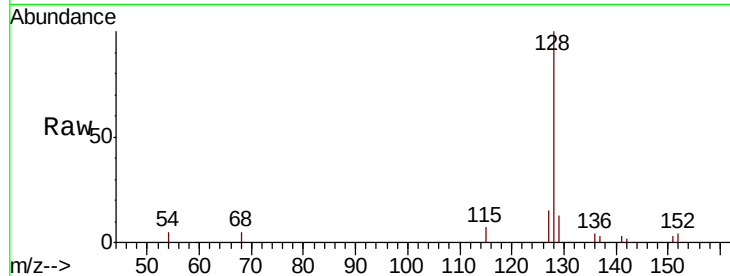
ClientSampled :

F1C17

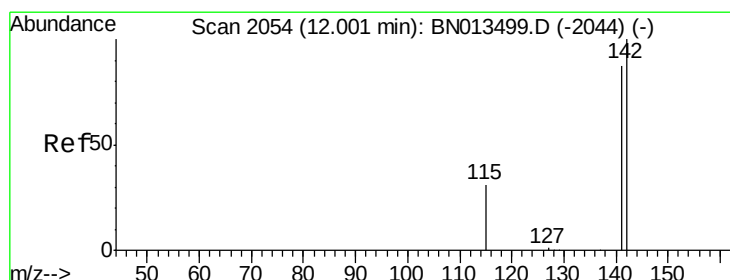
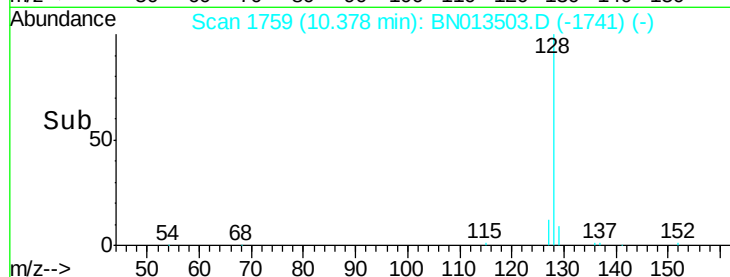
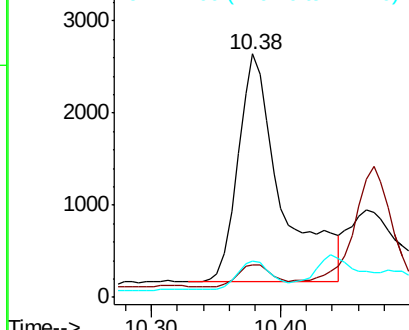
Tot Ion:	128	Resp:	5720
Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.0	13.6
127	14.7	10.6	15.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

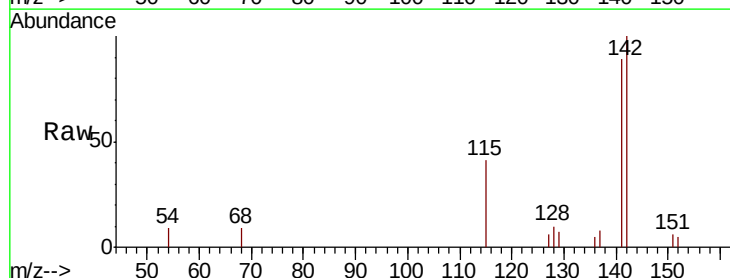
RT: 12.00 min Scan# 2054

Delta R.T. -0.00 min

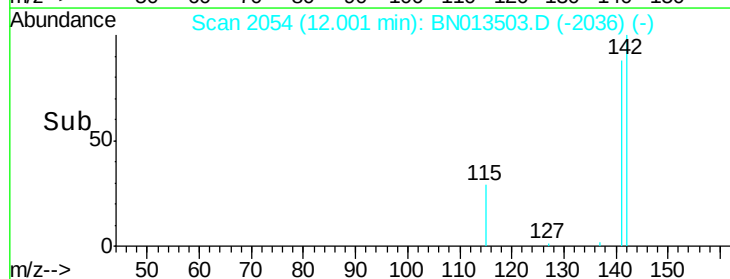
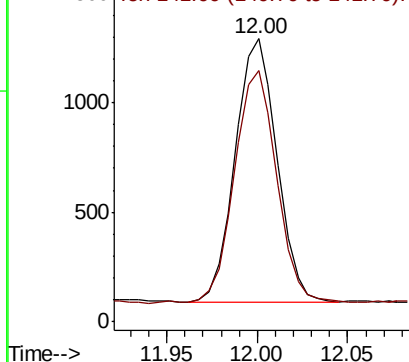
Lab File: BN013503.D

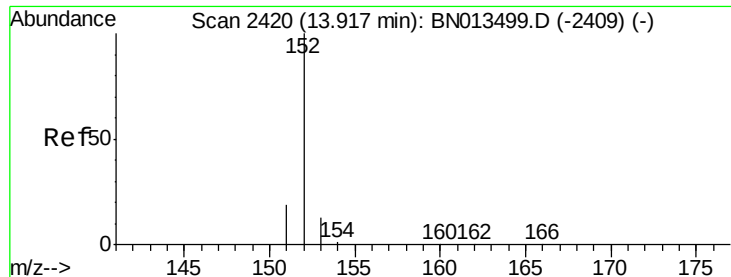
Acq: 27 Jan 2021 12:23

Tgt Ion:	142	Resp:	1932
Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.6	106.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.392 ng/ul

RT: 13.92 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN013503.D

Acq: 27 Jan 2021 12:23

Instrument :

BNA_N

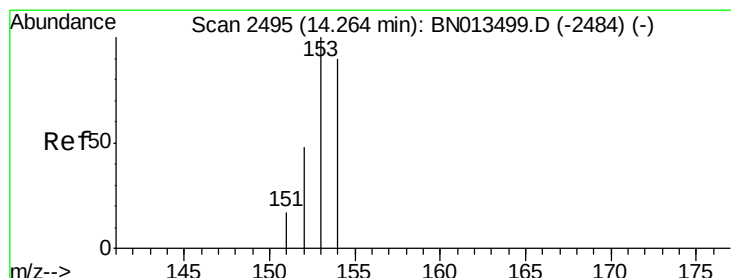
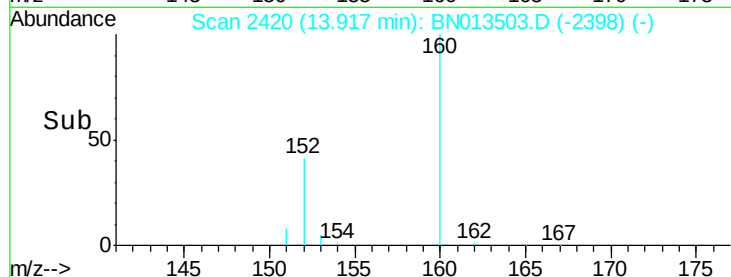
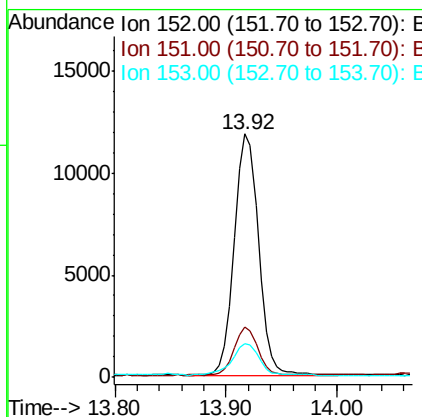
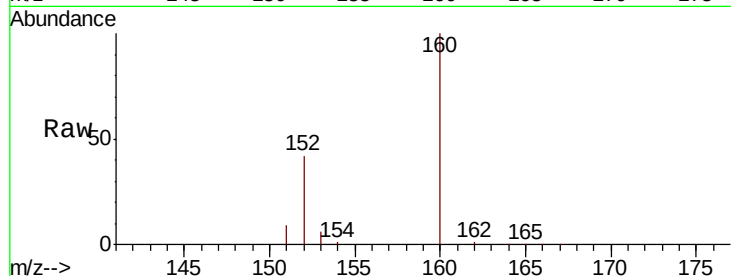
ClientSampleId :

F1C17

Tot Ion:	152	Resp:	17488
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.1	24.1
153	13.8	10.7	16.1

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#8

Acenaphthene

Concen: 0.130 ng/ul

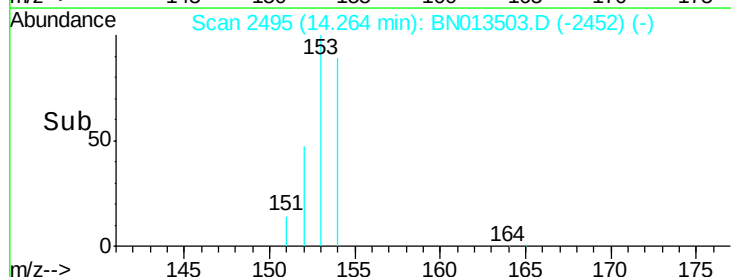
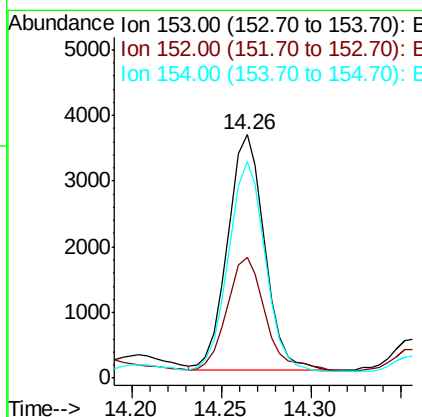
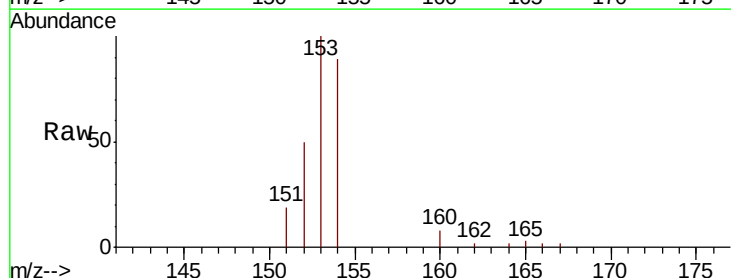
RT: 14.26 min Scan# 2495

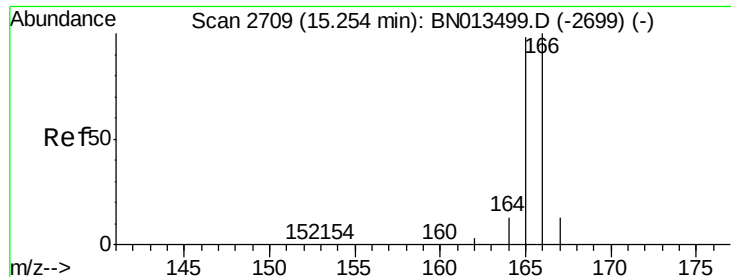
Delta R.T. -0.00 min

Lab File: BN013503.D

Acq: 27 Jan 2021 12:23

Tgt Ion:	153	Resp:	5173
Ion Ratio	Lower	Upper	
153	100		
152	49.6	39.5	59.3
154	88.8	70.6	105.8





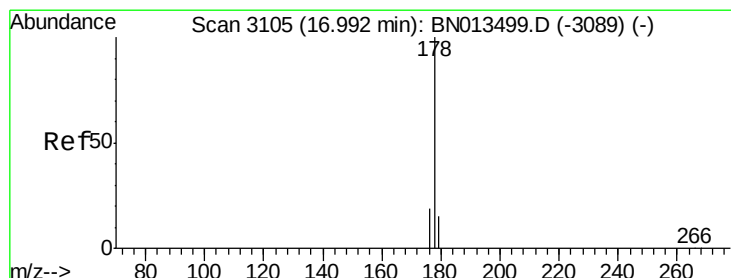
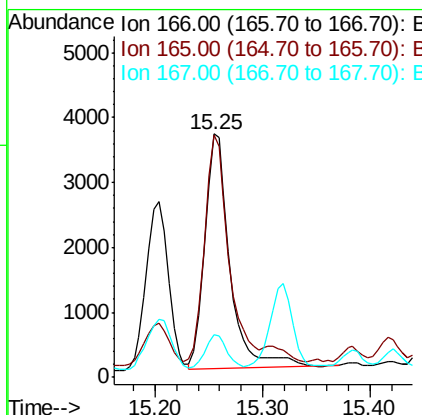
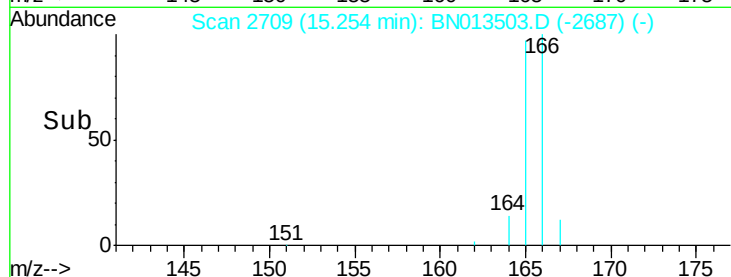
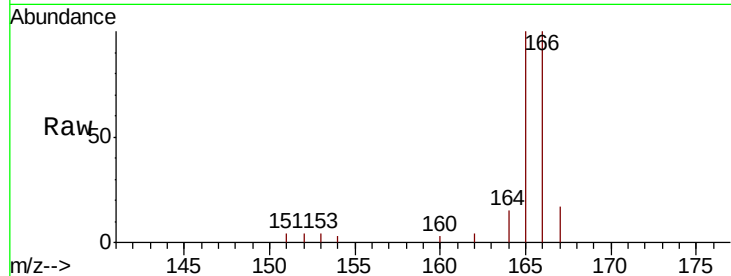
#9
Fluorene
 Concen: 0.135 ng/ul
 RT: 15.25 min Scan# 2709
 Delta R.T. -0.00 min
 Lab File: BN013503.D
 Acq: 27 Jan 2021 12:23

Instrument :
 BNA_N
 ClientSampleId :
 F1C17

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.7	118.1
167	17.4	11.3	16.9#

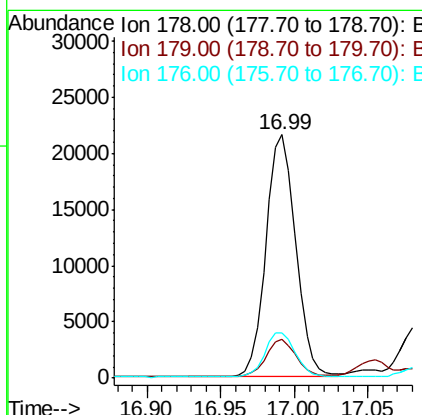
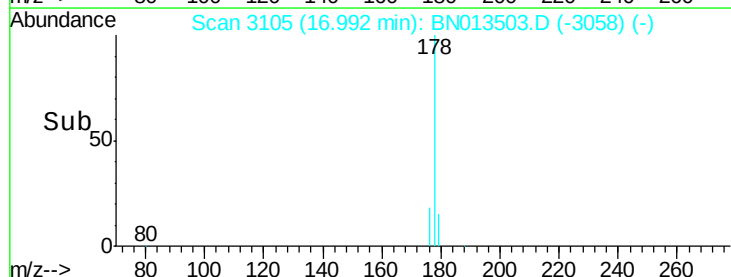
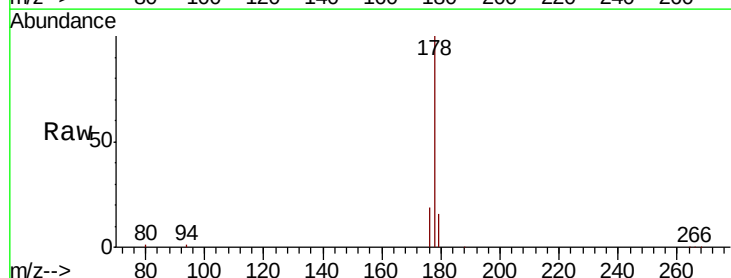
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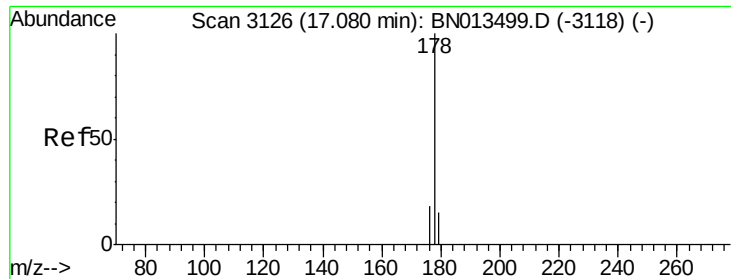
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#12
Phenanthrene
 Concen: 0.419 ng/ul
 RT: 16.99 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BN013503.D
 Acq: 27 Jan 2021 12:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	18.6	15.6	23.4





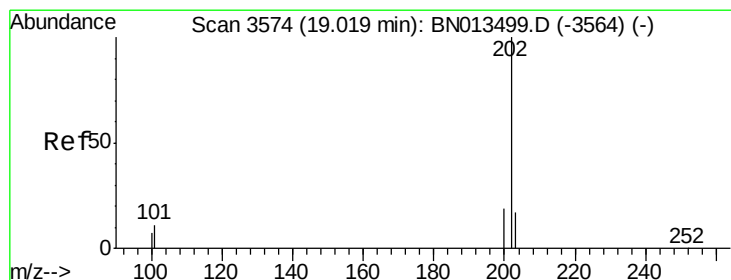
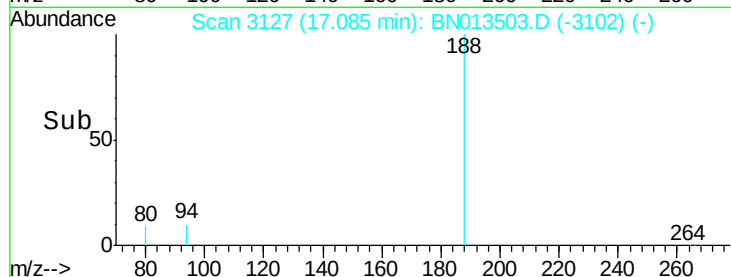
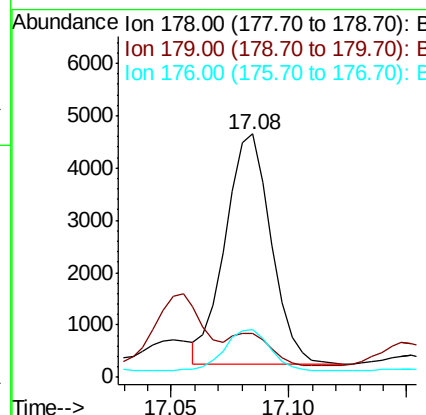
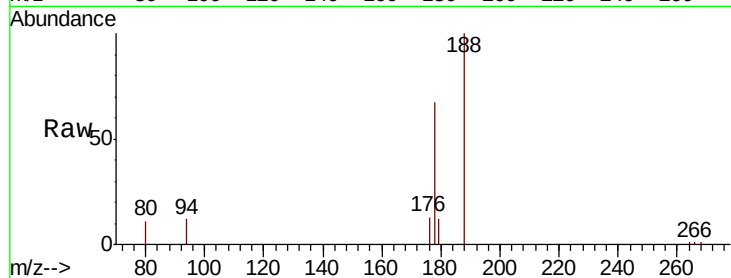
#13
 Anthracene
 Concen: 0.101 ng/ul
 RT: 17.08 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BN013503.D
 Acq: 27 Jan 2021 12:23

Instrument :
 BNA_N
 ClientSampleId :
 F1C17

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.6	19.0
176	19.4	15.0	22.4

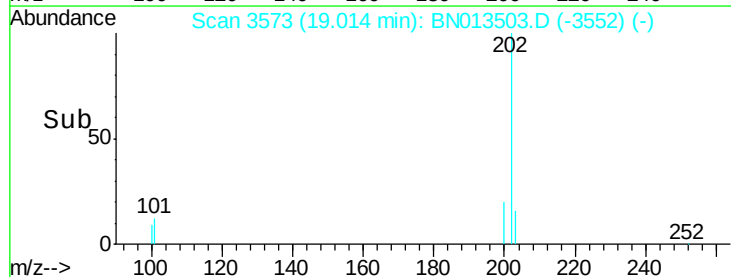
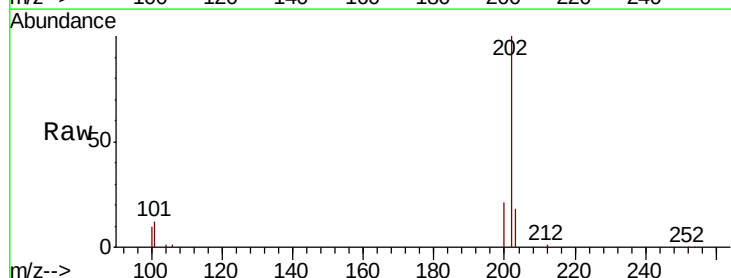
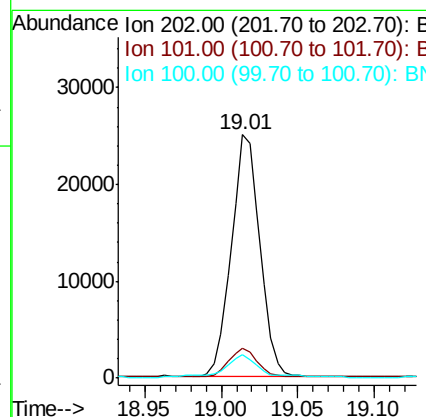
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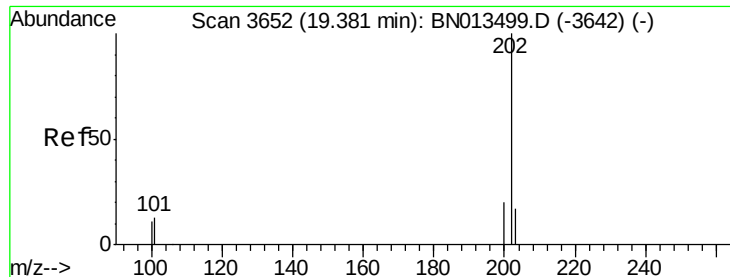
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#15
 Fluoranthene
 Concen: 0.412 ng/ul
 RT: 19.01 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: BN013503.D
 Acq: 27 Jan 2021 12:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.6
100	9.5	0.0	28.5





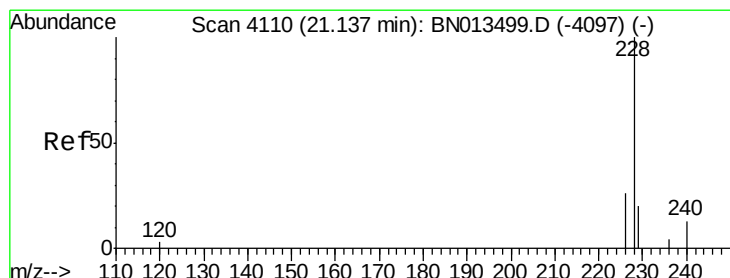
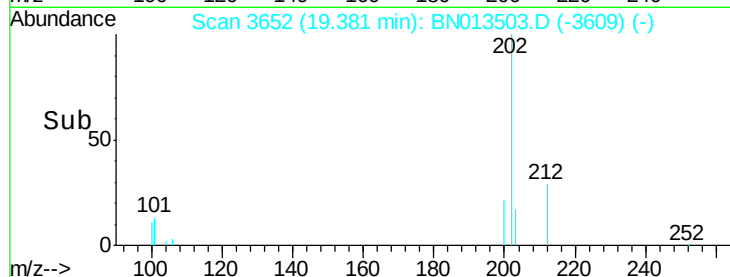
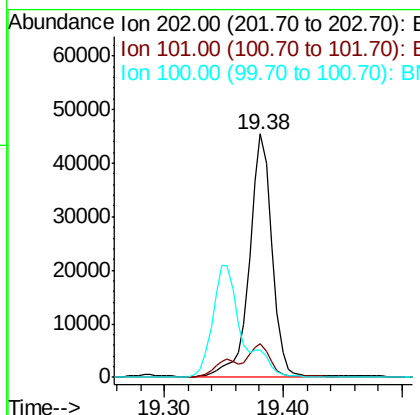
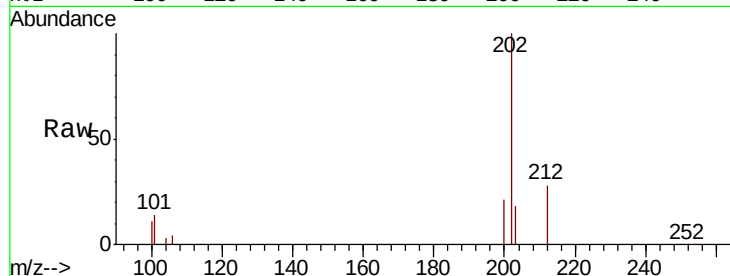
#17
Pvrene
Concen: 0.673 ng/ul
RT: 19.38 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BN013503.D
Acq: 27 Jan 2021 12:23

Instrument :
BNA_N
ClientSampleId :
F1C17

Tot Ion:	202	Resp:	58877
Ion Ratio	Lower	Upper	
202	100		
101	13.6	11.2	16.8
100	11.2	9.0	13.4

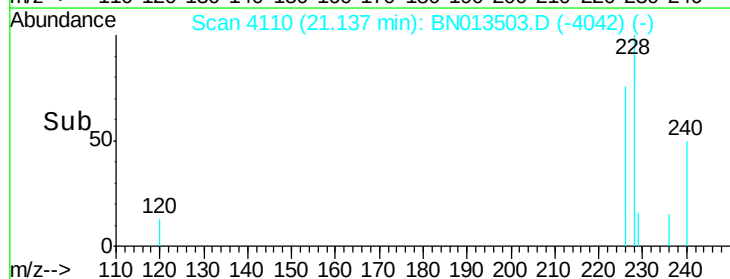
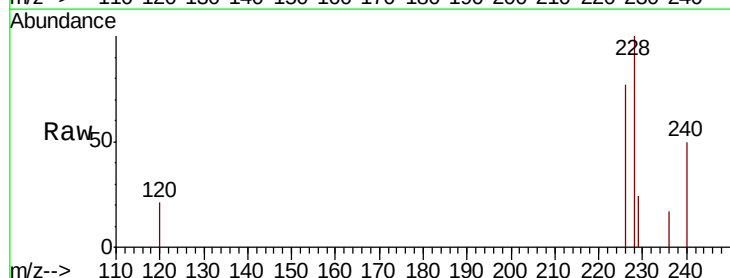
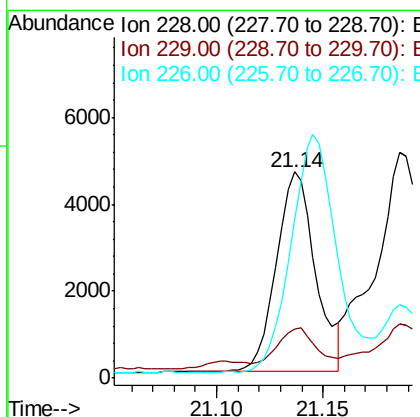
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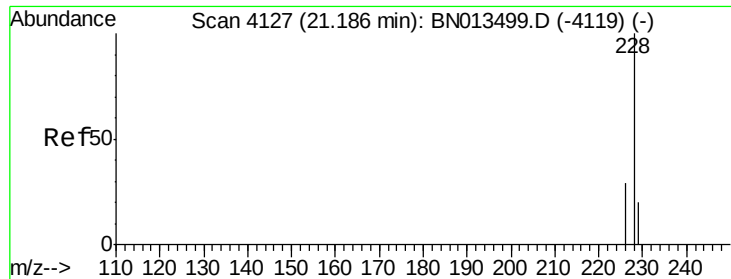
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#18
Benzo(a)anthracene
Concen: 0.084 ng/ul
RT: 21.14 min Scan# 4110
Delta R.T. -0.00 min
Lab File: BN013503.D
Acq: 27 Jan 2021 12:23

Tgt Ion:	228	Resp:	5925
Ion Ratio	Lower	Upper	
228	100		
229	24.1	15.6	23.4#
226	77.3	21.9	32.9#





#19

Chrysene

Concen: 0.090 ng/ul

RT: 21.19 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BN013503.D

Acq: 27 Jan 2021 12:23

Instrument :

BNA_N

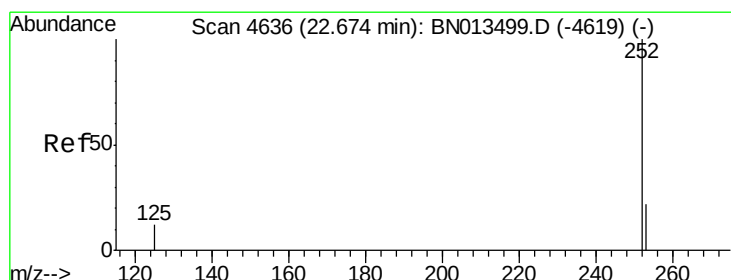
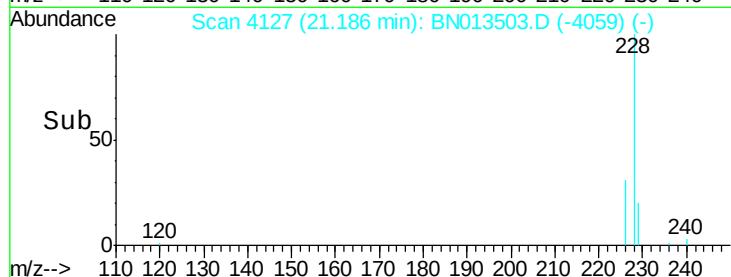
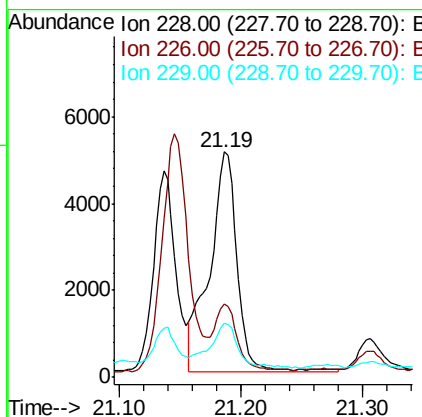
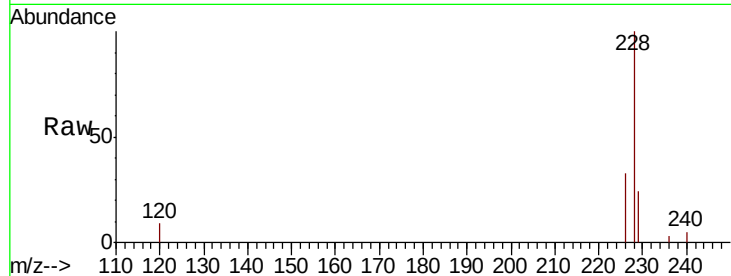
ClientSampleId :

F1C17

Tot Ion:	228	Resp:	7889
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.0	36.0
229	23.9	15.8	23.8#

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#21

Benzo(b)fluoranthene

Concen: 0.111 ng/ul m

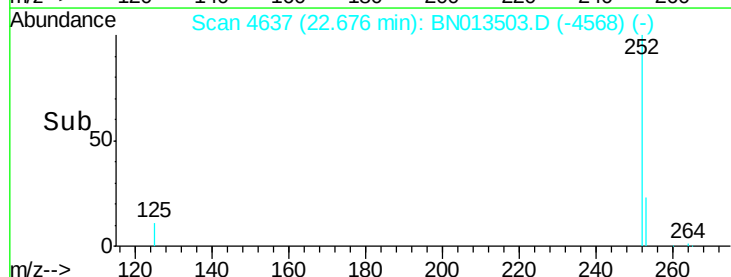
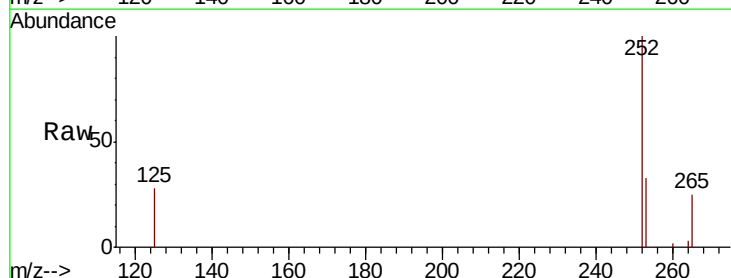
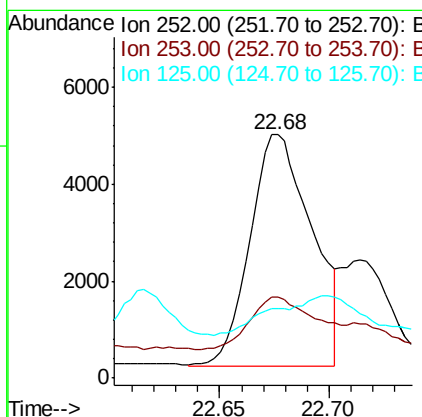
RT: 22.68 min Scan# 4637

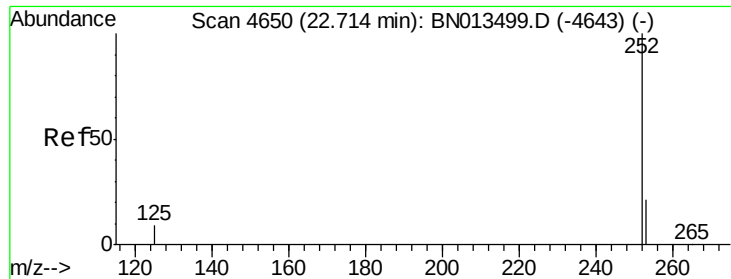
Delta R.T. 0.00 min

Lab File: BN013503.D

Acq: 27 Jan 2021 12:23

Tgt Ion:	252	Resp:	9575
Ion	Ratio	Lower	Upper
252	100		
253	33.0	0.0	47.4
125	28.4	0.0	26.8#





#22

Benzo(k)fluoranthene

Concen: 0.040 ng/ul

RT: 22.71 min Scan# 4650

Delta R.T. -0.00 min

Lab File: BN013503.D

Acq: 27 Jan 2021 12:23

Instrument :

BNA_N

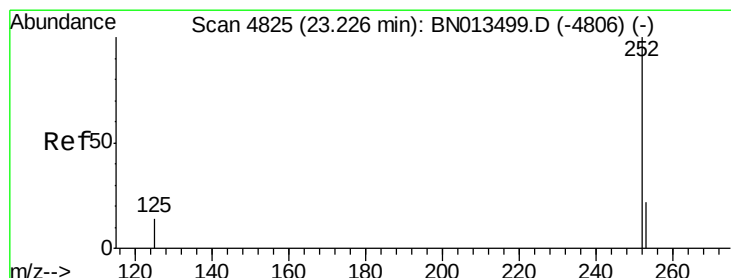
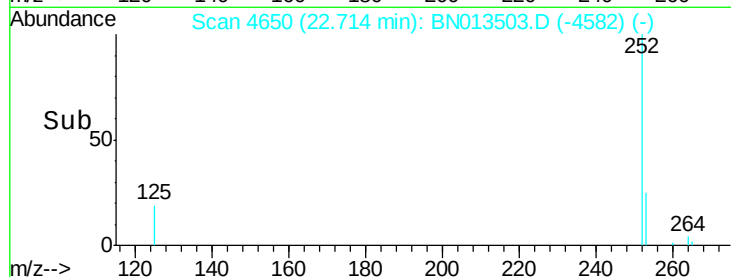
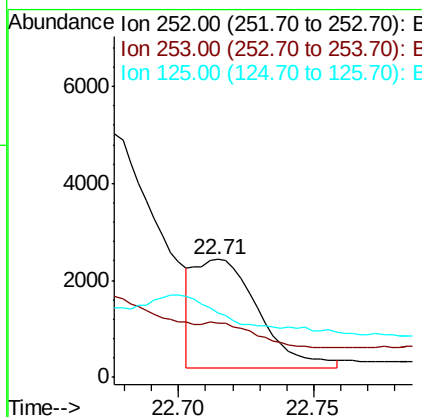
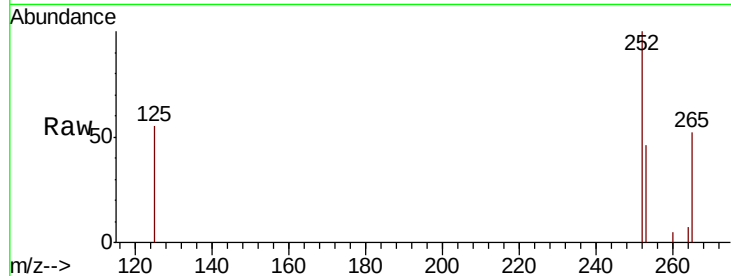
ClientSampleId :

F1C17

Tot Ion	Ratio	Lower	Upper
252	100		
253	45.9	19.2	28.8#
125	55.1	11.4	17.2#

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#23

Benzo(a)pyrene

Concen: 0.096 ng/ul

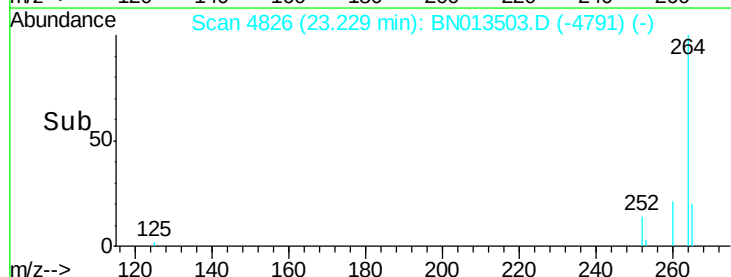
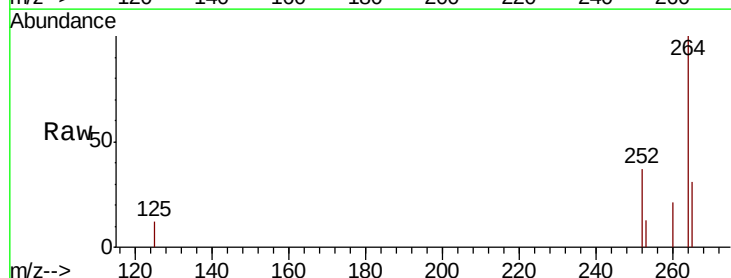
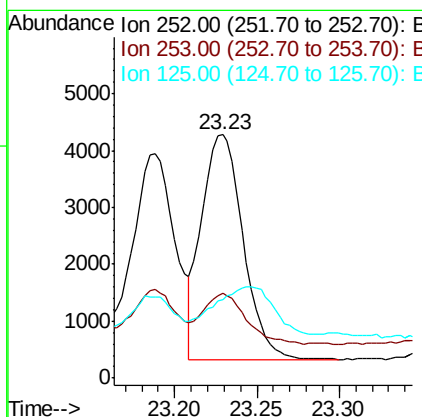
RT: 23.23 min Scan# 4826

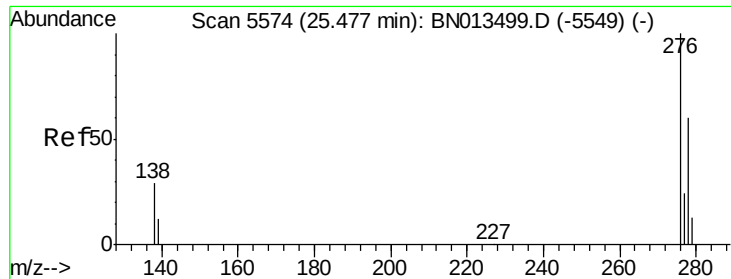
Delta R.T. 0.00 min

Lab File: BN013503.D

Acq: 27 Jan 2021 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.6	20.1	30.1#
125	32.2	13.1	19.7#





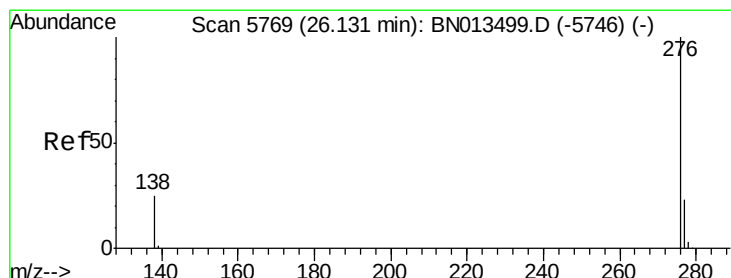
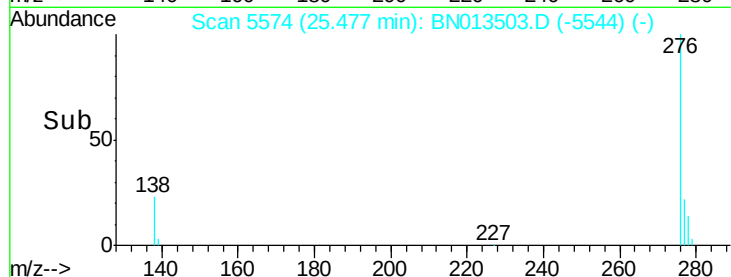
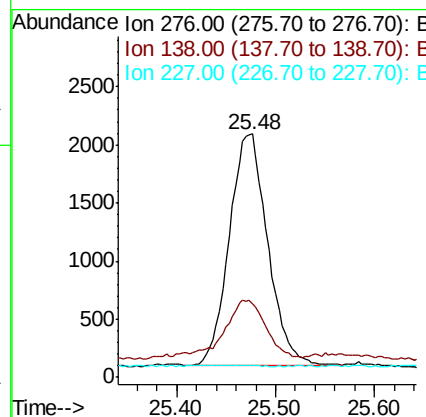
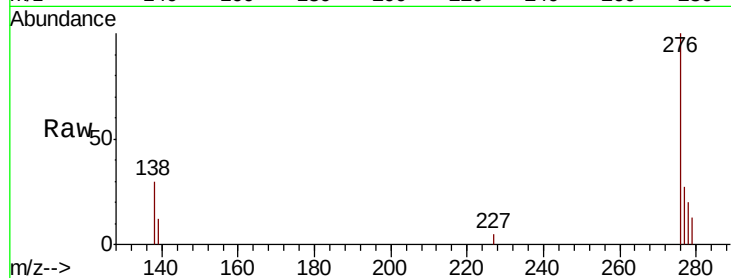
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.056 ng/ul
 RT: 25.48 min Scan# 5574
 Delta R.T. -0.00 min
 Lab File: BN013503.D
 Acq: 27 Jan 2021 12:23

Instrument :
 BNA_N
 ClientSampled :
 F1C17

Tot Ion	Ratio	Resp	Lower	Upper
276	100	5419		
138	25.8	0.0	0.0	0.0
227	0.4	0.0	0.0	0.0

Manual Integrations
 APPROVED

mohammad
 1/28/2021 11:44:00 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.098 ng/ul
 RT: 26.13 min Scan# 5769
 Delta R.T. -0.00 min
 Lab File: BN013503.D
 Acq: 27 Jan 2021 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	8410		
138	29.6	21.0	31.4	
277	26.7	19.5	29.3	

