

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013501.D
 Acq On : 27 Jan 2021 11:11
 Operator : CG/JU
 Sample : M1099-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F1COO

Manual Integrations
 APPROVED

mohammad
 1/28/2021 11:43:55 AM

Quant Time: Jan 27 12:43:11 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	6413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	24503	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	14845	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	30598m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	28549	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	28199	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	14736	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	31370	0.39	ng/ul	0.00
Target Compounds						
					Ovalue	
12) Phenanthrene	16.99	178	4239	0.042	ng/ul#	94
15) Fluoranthene	19.02	202	9742	0.089	ng/ul	98
17) Pyrene	19.38	202	13493	0.115	ng/ul#	95
18) Benzo(a)anthracene	21.14	228	3613m	0.038	ng/ul	
19) Chrysene	21.19	228	3886	0.033	ng/ul	96
21) Benzo(b)fluoranthene	22.68	252	4904m	0.041	ng/ul	
23) Benzo(a)pyrene	23.23	252	3375	0.034	ng/ul#	53
26) Benzo(g,h,i)perylene	26.13	276	2844	0.024	ng/ul#	85

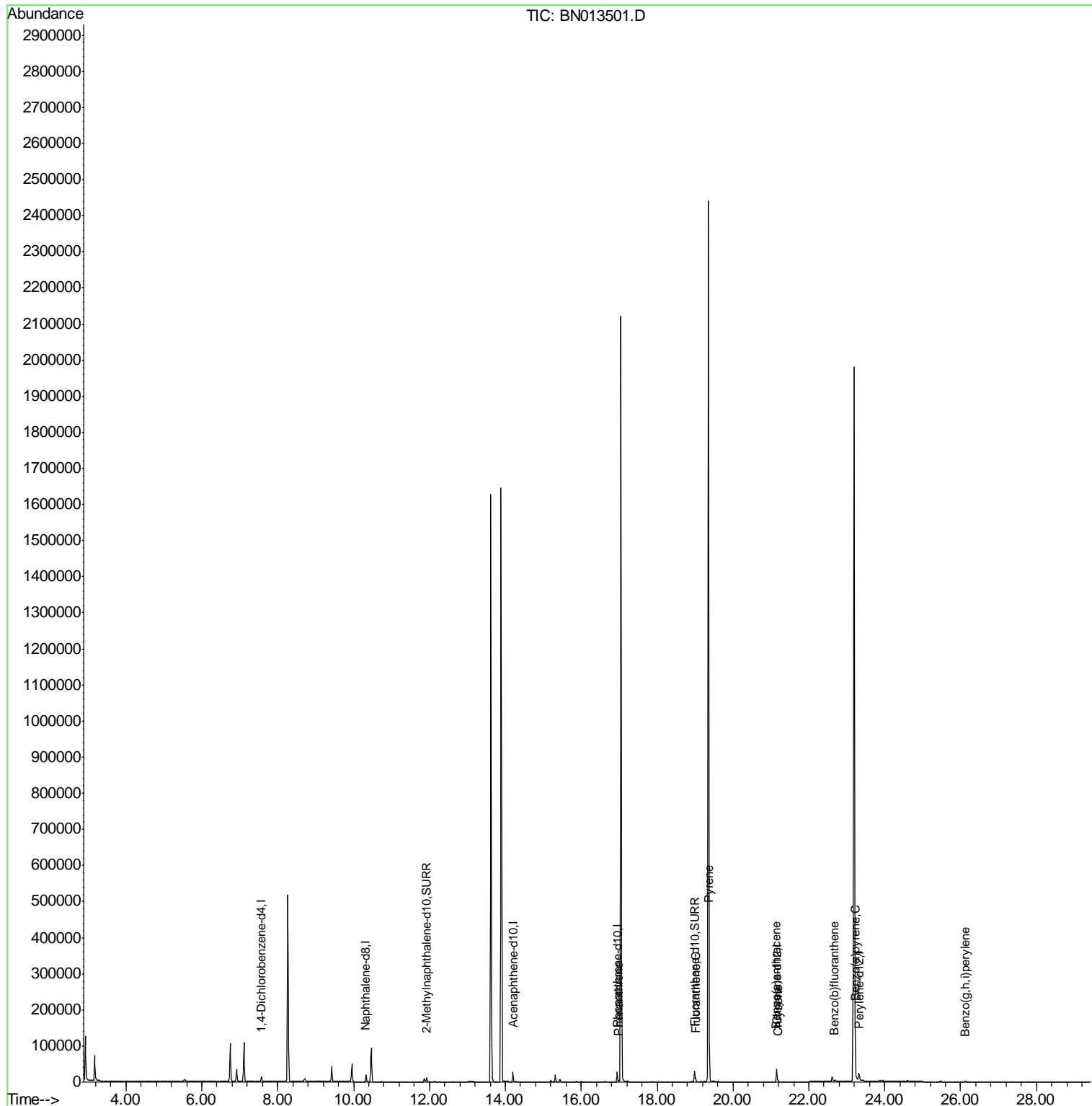
(#) = qualifier out of range (m) = manual integration (+) = signals summed

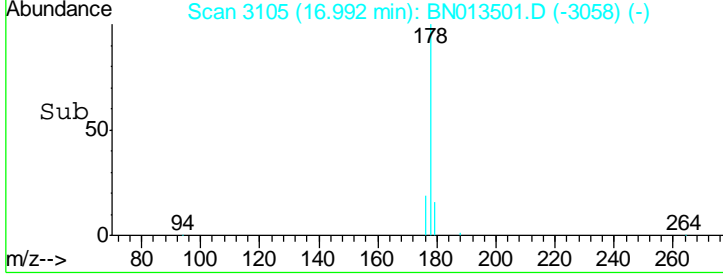
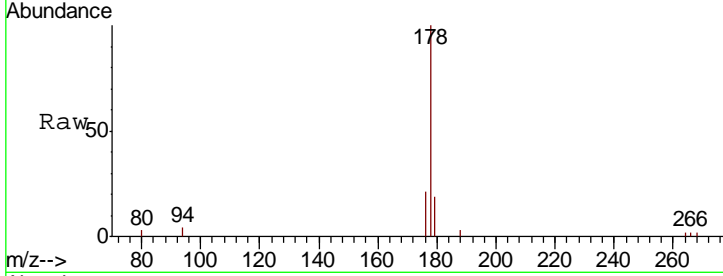
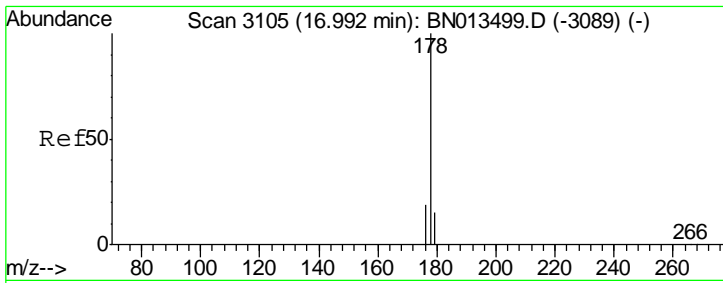
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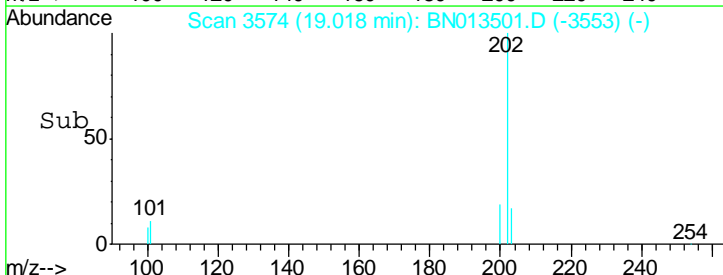
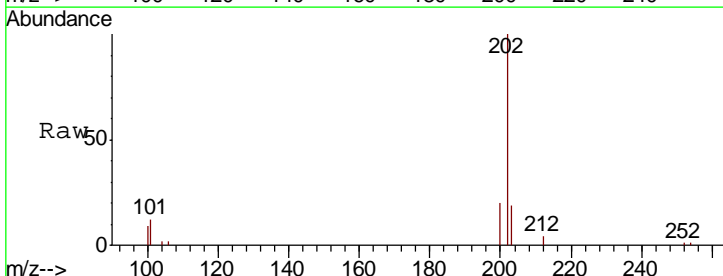
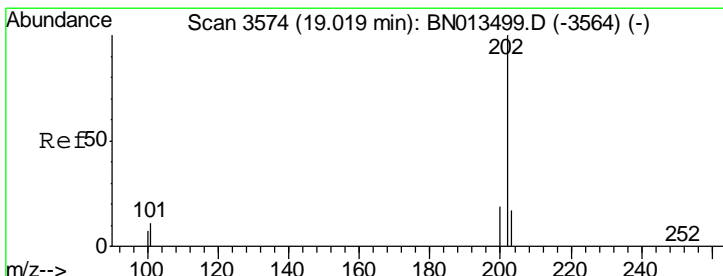
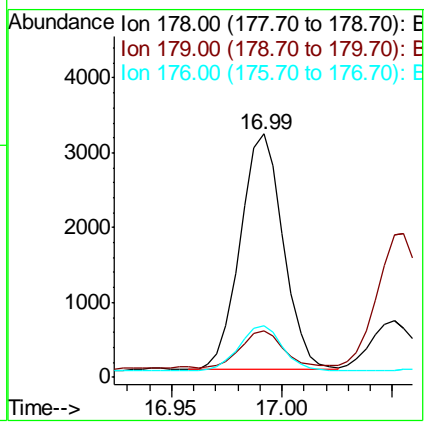


#12
 Phenanthrene
 Concen: 0.042 ng/ul
 RT: 16.99 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BN013501.D
 Acq: 27 Jan 2021 11:11

Tgt Ion	Resp	Lower	Upper
178	100		
179	19.2	12.5	18.7#
176	20.9	15.6	23.4

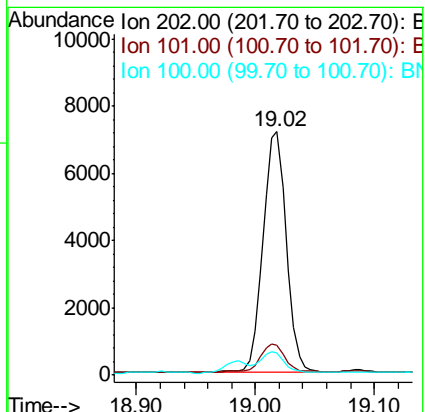
Instrument :
 BNA_N
 ClientSampled :
 F1COO

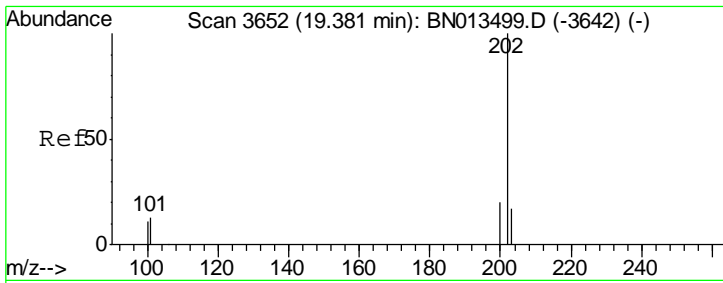
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#15
 Fluoranthene
 Concen: 0.089 ng/ul
 RT: 19.02 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: BN013501.D
 Acq: 27 Jan 2021 11:11

Tgt Ion	Resp	Lower	Upper
202	100		
101	12.2	0.0	31.6
100	9.2	0.0	28.5





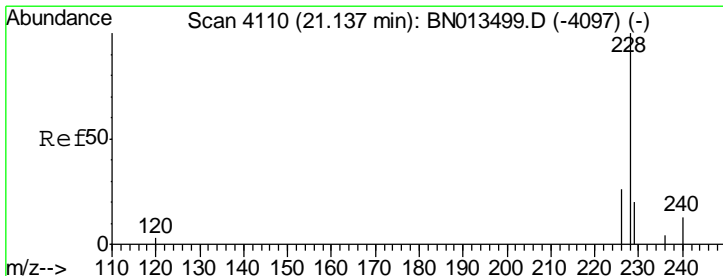
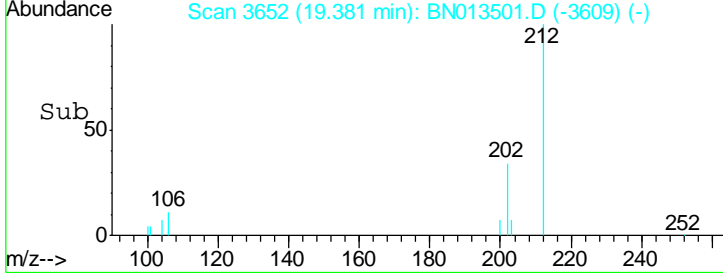
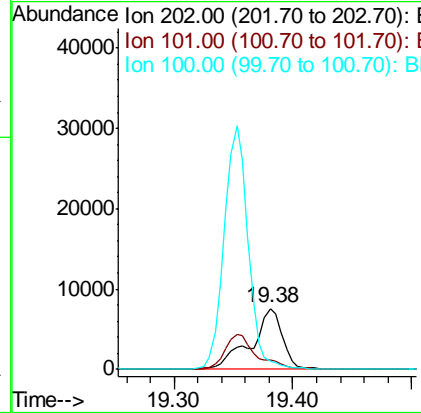
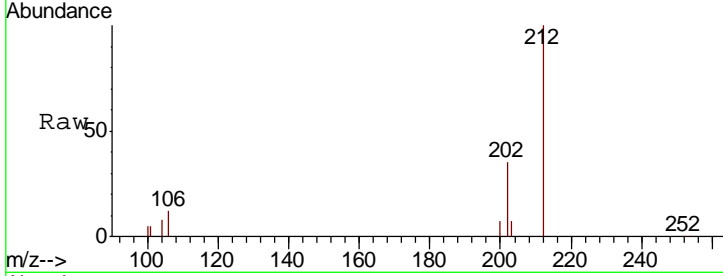
#17
 Pyrene
 Concen: 0.115 ng/ul
 RT: 19.38 min Scan# 3652
 Delta R.T. -0.00 min
 Lab File: BN013501.D
 Acq: 27 Jan 2021 11:11

Instrument :
 BNA_N
 ClientSampled :
 F1COO

Tgt Ion	Resp	Lower	Upper
202	13493		
101	15.1	11.2	16.8
100	13.9	9.0	13.4#

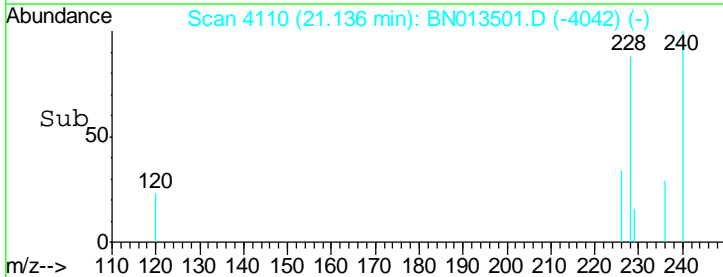
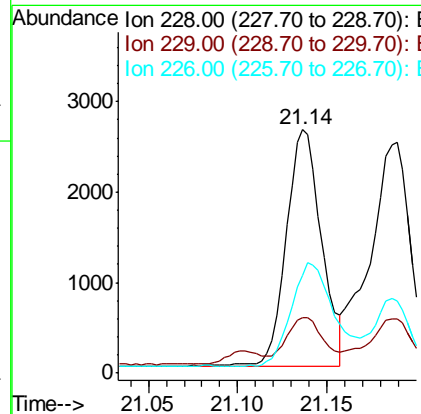
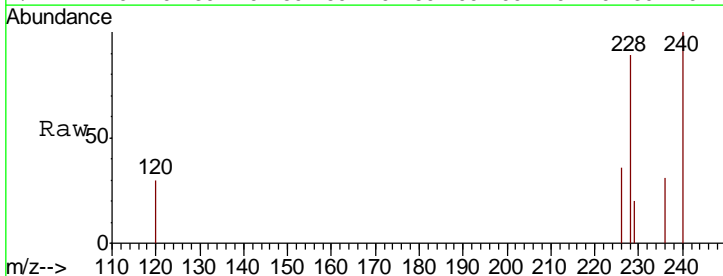
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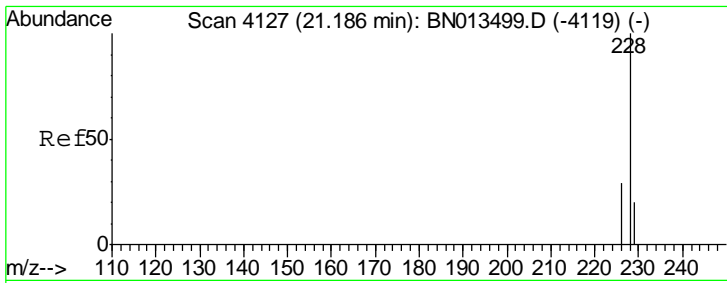
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#18
 Benzo(a)anthracene
 Concen: 0.038 ng/ul m
 RT: 21.14 min Scan# 4110
 Delta R.T. -0.00 min
 Lab File: BN013501.D
 Acq: 27 Jan 2021 11:11

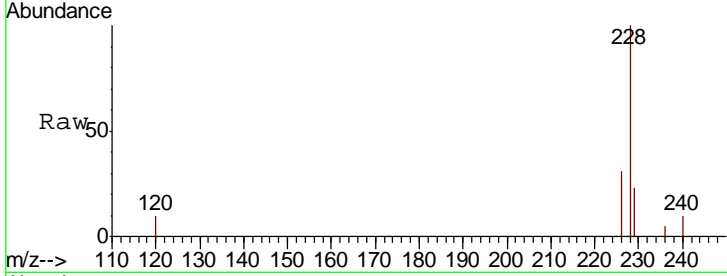
Tgt Ion	Resp	Lower	Upper
228	3613		
229	22.5	15.6	23.4
226	40.4	21.9	32.9#





#19
 Chrysene
 Concen: 0.033 ng/ul
 RT: 21.19 min Scan# 4128
 Delta R.T. 0.00 min
 Lab File: BN013501.D
 Acq: 27 Jan 2021 11:11

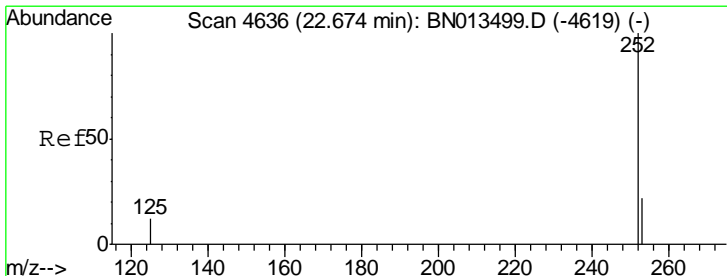
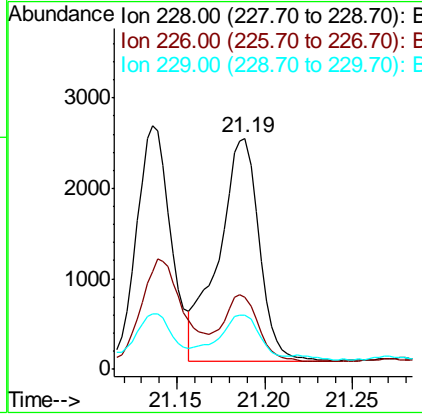
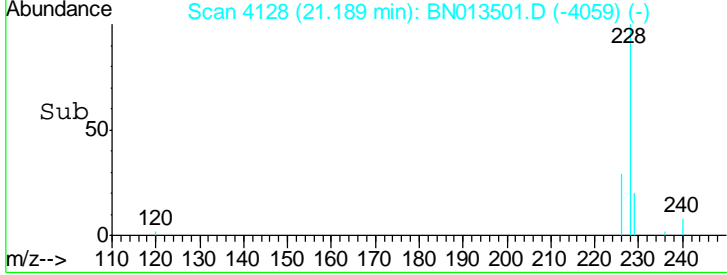
Instrument :
 BNA_N
 ClientSampled :
 F1COO



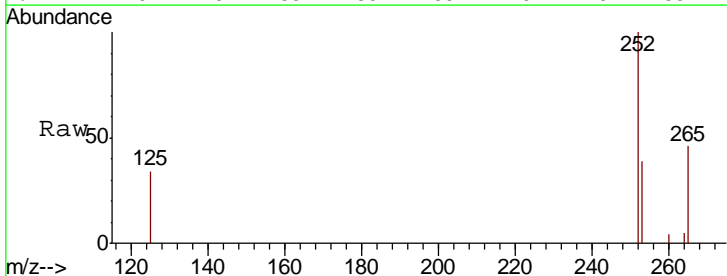
Tgt Ion: 228 Resp: 3886

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	23.3	15.8	23.8

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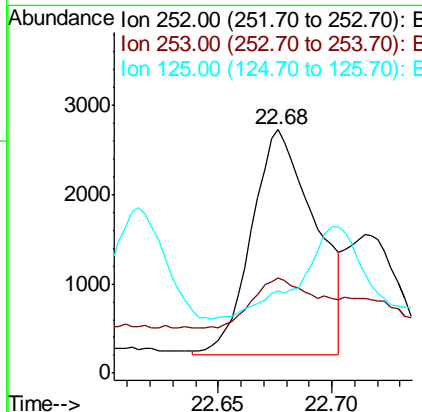
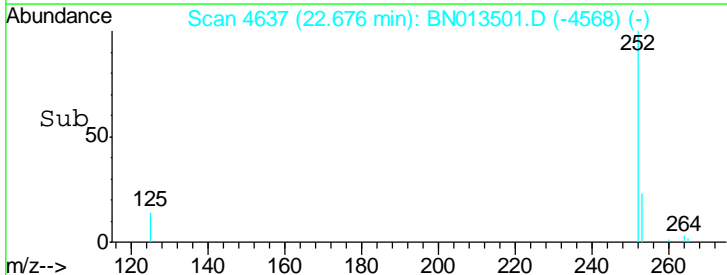


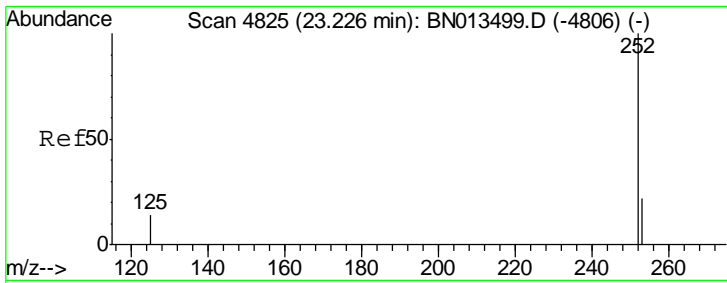
#21
 Benzo(b)fluoranthene
 Concen: 0.041 ng/ul m
 RT: 22.68 min Scan# 4637
 Delta R.T. 0.00 min
 Lab File: BN013501.D
 Acq: 27 Jan 2021 11:11



Tgt Ion: 252 Resp: 4904

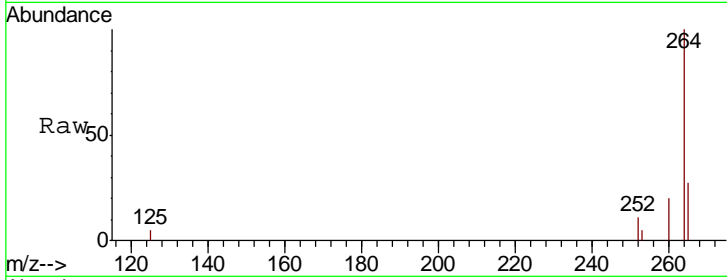
Ion	Ratio	Lower	Upper
252	100		
253	39.1	0.0	47.4
125	33.7	0.0	26.8#





#23
 Benzo(a)pyrene
 Concen: 0.034 ng/ul
 RT: 23.23 min Scan# 4826
 Delta R.T. 0.00 min
 Lab File: BN013501.D
 Acq: 27 Jan 2021 11:11

Instrument :
 BNA_N
ClientSampled :
 F1COO

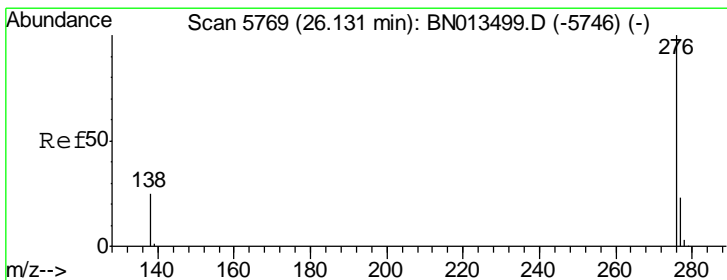
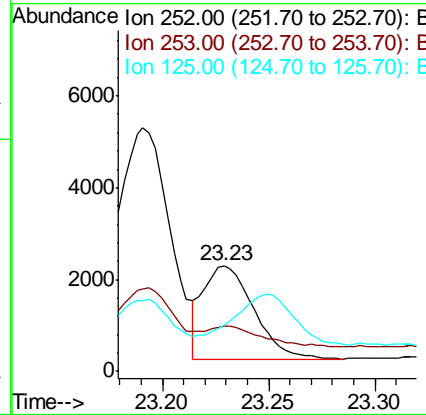
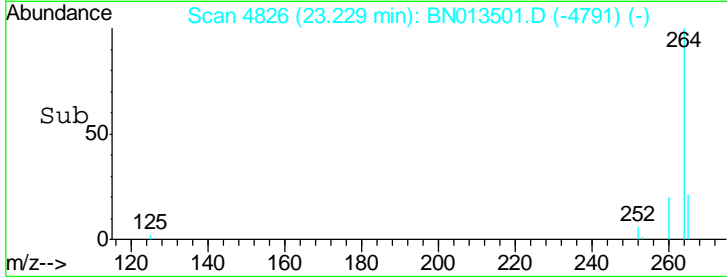


Tgt Ion: 252 Resp: 3375

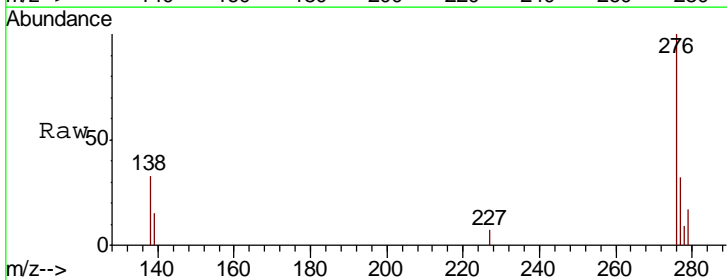
Ion	Ratio	Lower	Upper
252	100		
253	43.1	20.1	30.1#
125	43.4	13.1	19.7#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.024 ng/ul
 RT: 26.13 min Scan# 5770
 Delta R.T. 0.00 min
 Lab File: BN013501.D
 Acq: 27 Jan 2021 11:11



Tgt Ion: 276 Resp: 2844

Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.0	31.4#
277	31.8	19.5	29.3#

