

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013520.D
 Acq On : 27 Jan 2021 23:42
 Operator : CG/JU
 Sample : M1099-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 F1C02

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Quant Time: Jan 28 02:56:43 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	4140	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	16111	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9685	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	19813m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	18317	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	17406	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.92	152	9851	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	21121	0.40	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.38	128	22354	0.480	ng/ul	100
5) 2-Methylnaphthalene	12.00	142	4434	0.150	ng/ul	100
7) Acenaphthylene	13.92	152	5239	0.131	ng/ul#	93
8) Acenaphthene	14.26	153	4462	0.126	ng/ul	98
9) Fluorene	15.25	166	6054	0.154	ng/ul#	96
11) Pentachlorophenol	16.60	266	91	0.031	ng/ul	93
12) Phenanthrene	16.99	178	37188	0.573	ng/ul	99
13) Anthracene	17.08	178	6333	0.119	ng/ul#	93
15) Fluoranthene	19.01	202	36665	0.517	ng/ul	99
17) Pyrene	19.38	202	61456	0.820	ng/ul	99
18) Benzo(a)anthracene	21.13	228	5037	0.083	ng/ul#	23
19) Chrysene	21.18	228	5704	0.076	ng/ul#	87
21) Benzo(b)fluoranthene	22.67	252	4814m	0.066	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	1868m	0.024	ng/ul	
23) Benzo(a)pyrene	23.22	252	5503	0.089	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.47	276	4209	0.051	ng/ul#	100
26) Benzo(a,h,i)perylene	26.13	276	13833	0.190	ng/ul	98

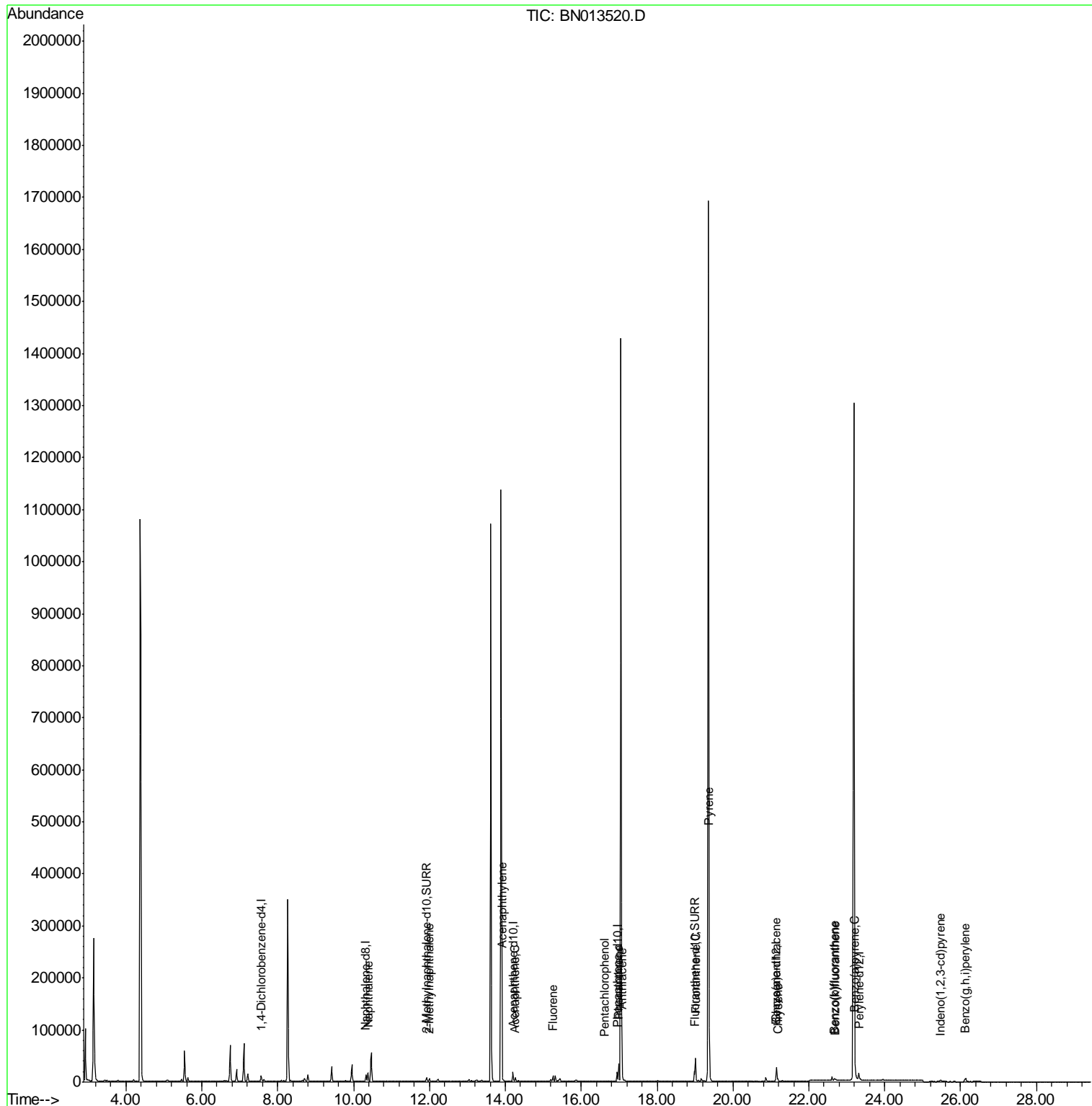
(#) = qualifier out of range (m) = manual integration (+) = signals summed

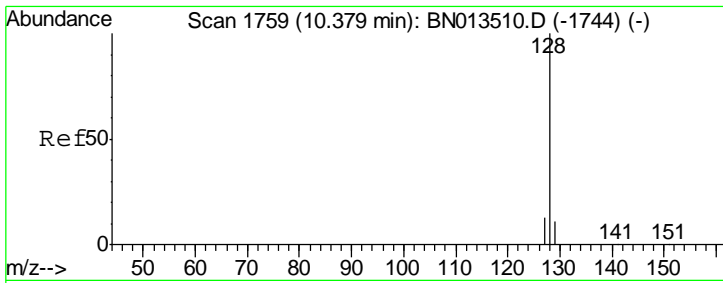
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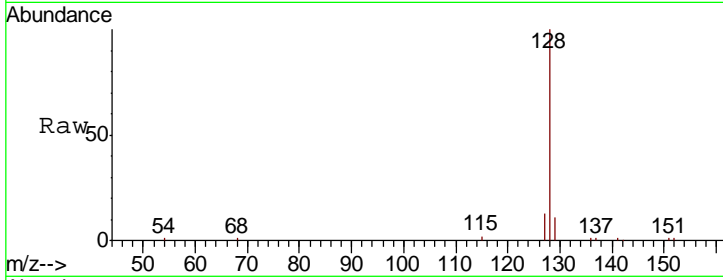
Quant Time: Jan 28 02:56:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
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#3
 Naphthalene
 Concen: 0.480 ng/ul
 RT: 10.38 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

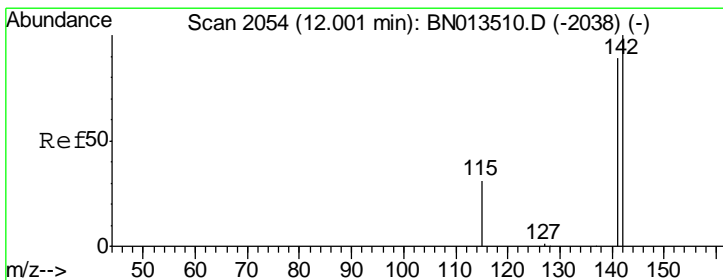
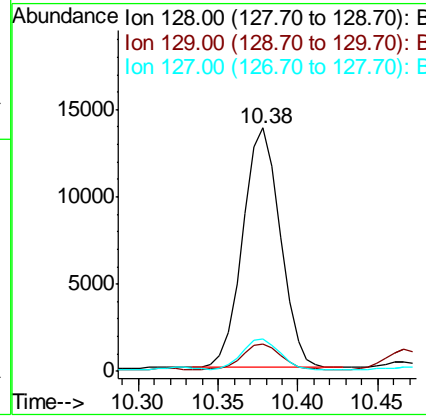
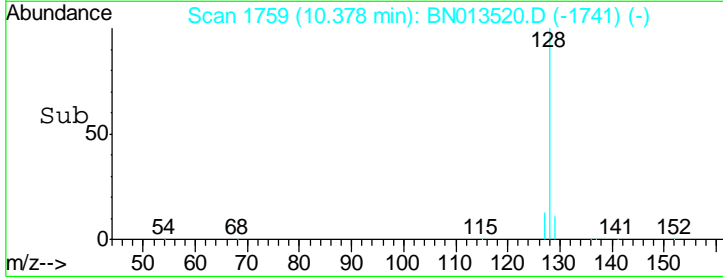
Instrument :
 BNA_N
 ClientSampled :
 F1C02



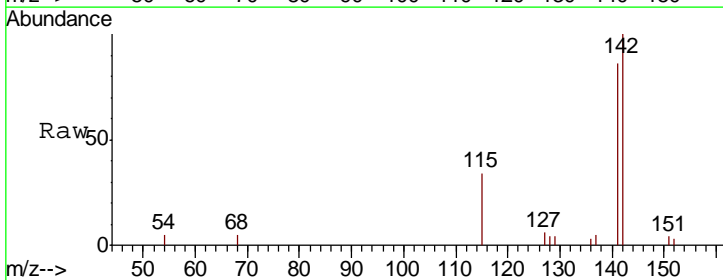
Tgt Ion: 128 Resp: 22354

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.4	10.6	15.8

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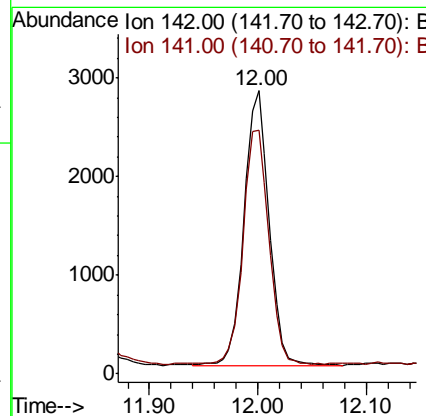
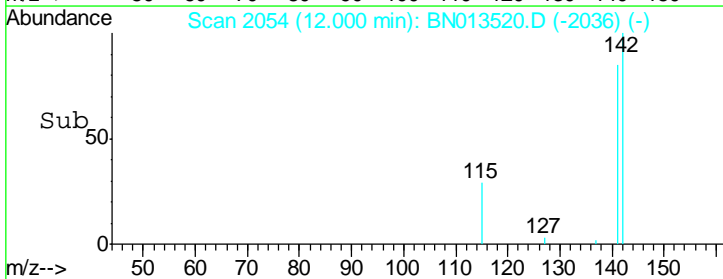


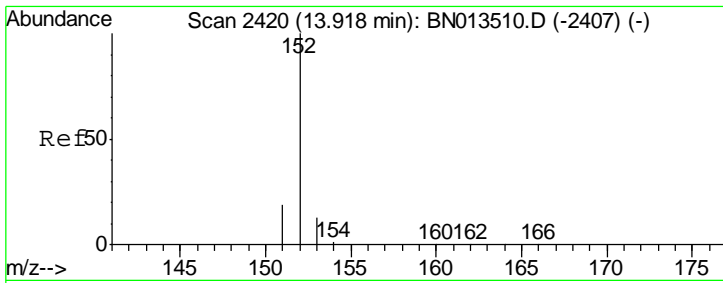
#5
 2-Methylnaphthalene
 Concen: 0.150 ng/ul
 RT: 12.00 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42



Tgt Ion: 142 Resp: 4434

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0





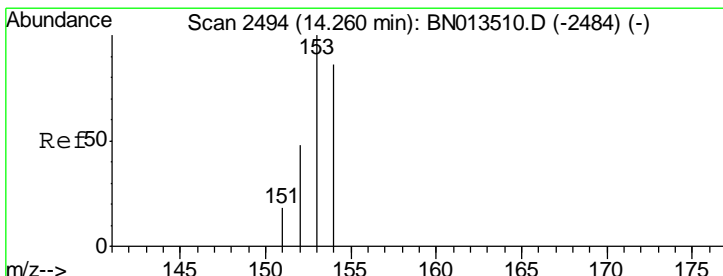
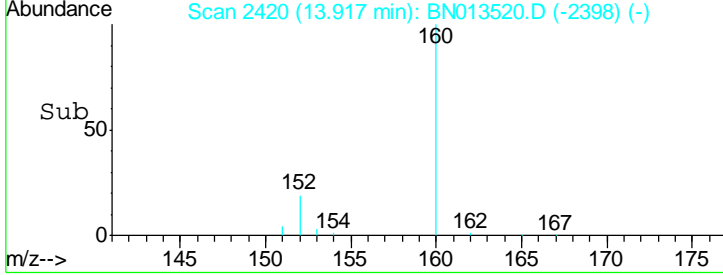
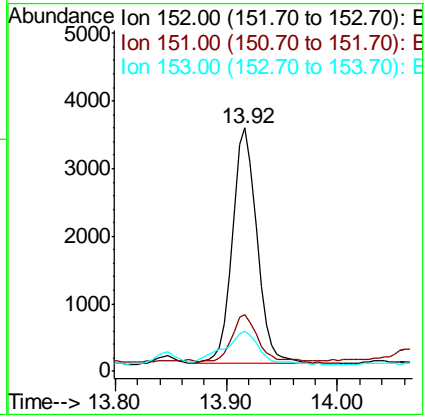
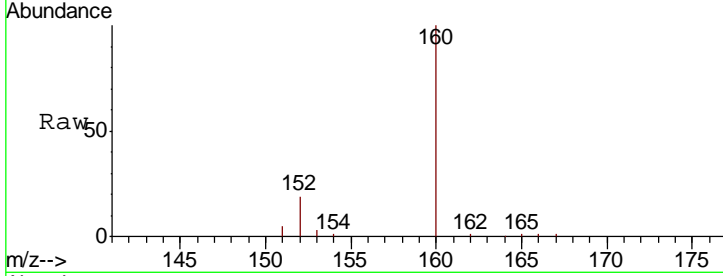
#7
 Acenaphthylene
 Concen: 0.131 ng/ul
 RT: 13.92 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

Instrument :
 BNA_N
 ClientSampled :
 F1C02

Tgt Ion	Resp	Lower	Upper
152	100		
151	23.6	16.1	24.1
153	16.4	10.7	16.1#

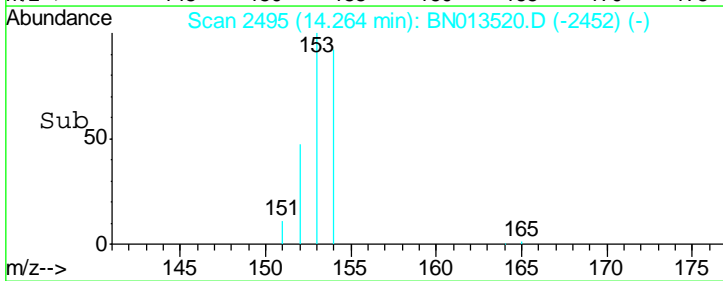
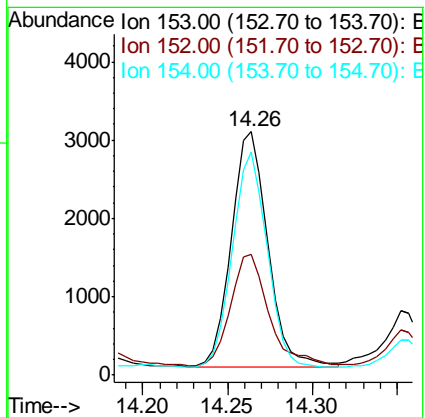
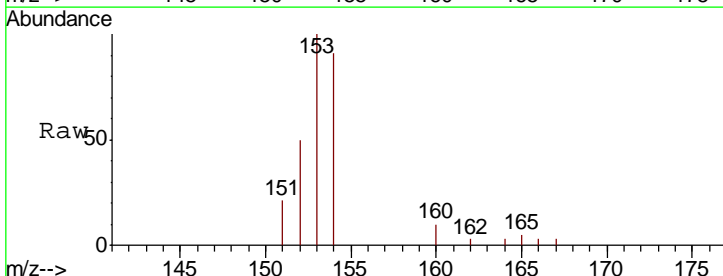
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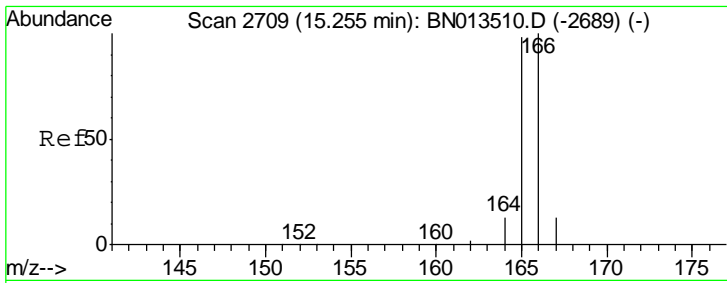
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#8
 Acenaphthene
 Concen: 0.126 ng/ul
 RT: 14.26 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

Tgt Ion	Resp	Lower	Upper
153	100		
152	49.7	39.5	59.3
154	91.4	70.6	105.8





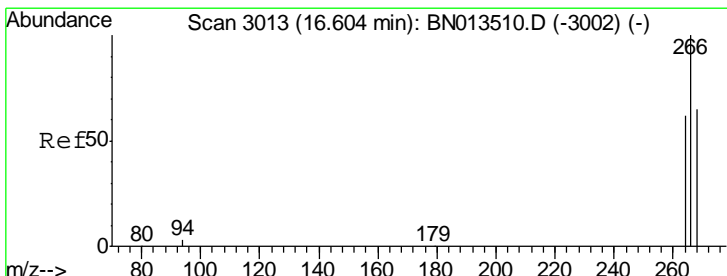
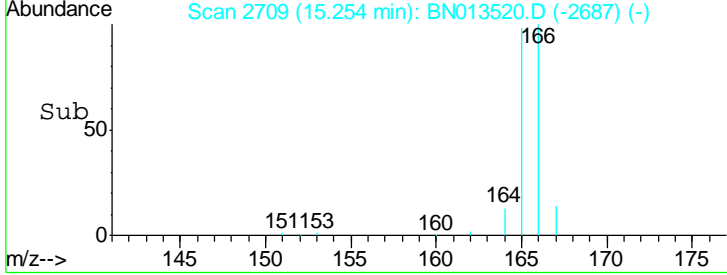
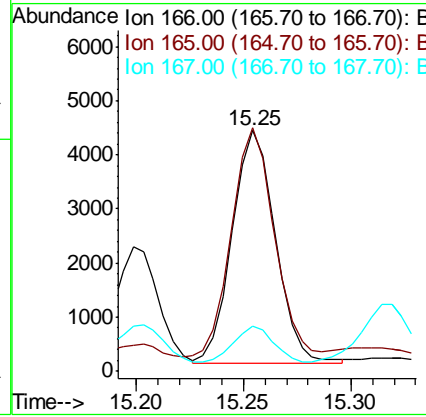
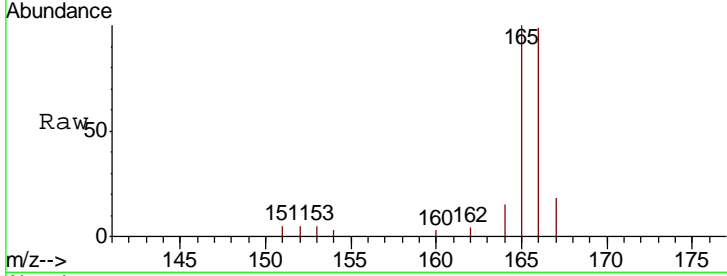
#9
 Fluorene
 Concen: 0.154 ng/ul
 RT: 15.25 min Scan# 2709
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

Instrument :
 BNA_N
 ClientSampled :
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Tgt Ion	Resp	Lower	Upper
166	100		
165	101.0	78.7	118.1
167	18.6	11.3	16.9

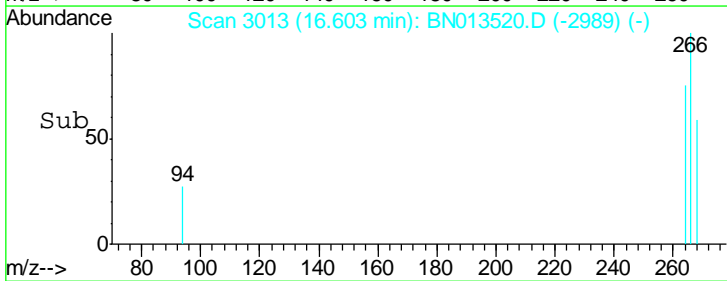
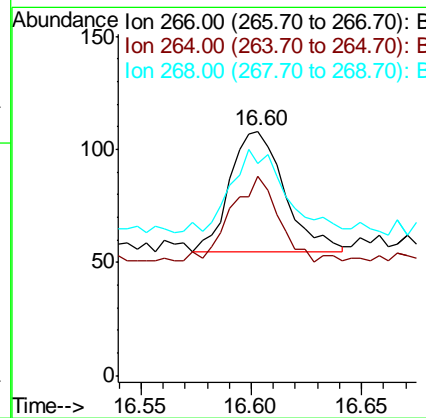
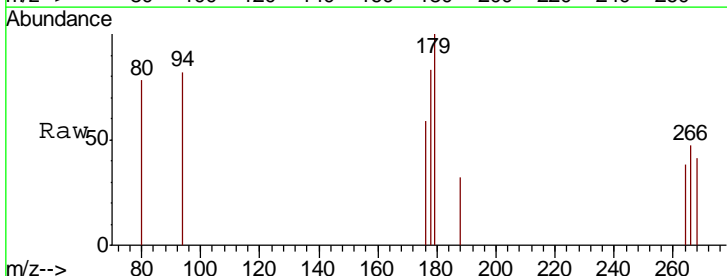
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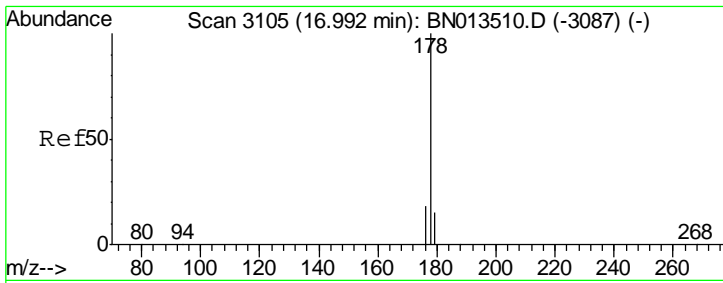
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#11
 Pentachlorophenol
 Concen: 0.031 ng/ul
 RT: 16.60 min Scan# 3013
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

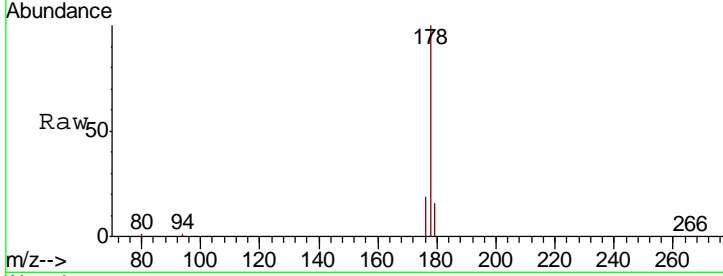
Tgt Ion	Resp	Lower	Upper
266	100		
264	68.1	49.8	74.6
268	70.3	52.2	78.4





#12
 Phenanthrene
 Concen: 0.573 ng/ul
 RT: 16.99 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

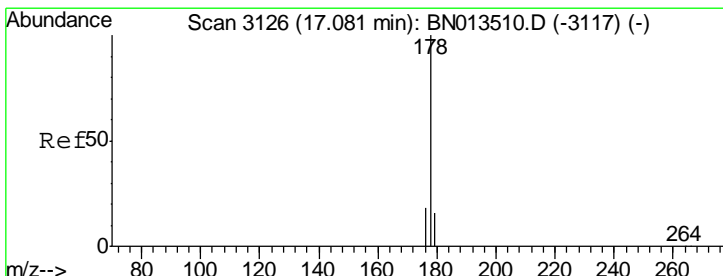
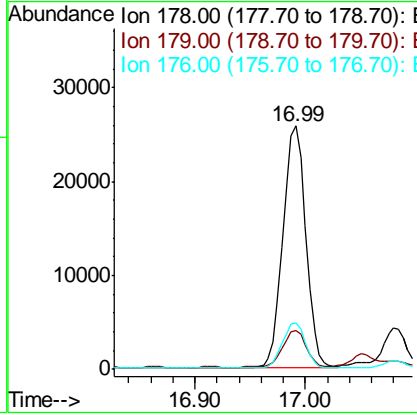
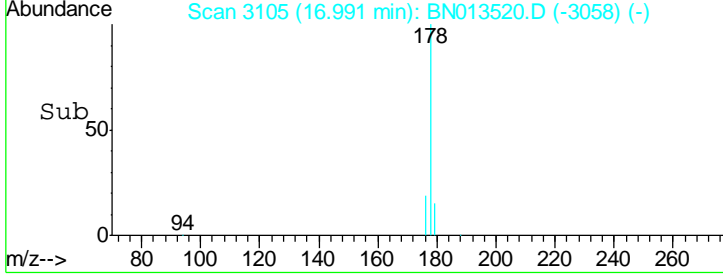
Instrument :
 BNA_N
ClientSampled :
 F1C02



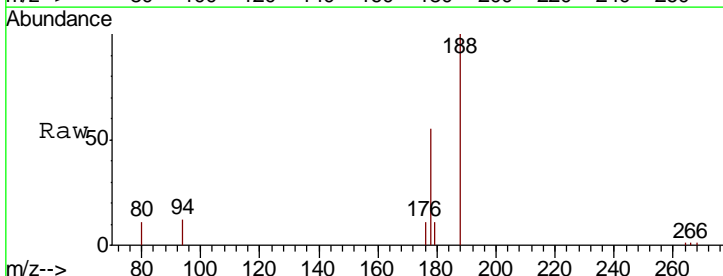
Tgt Ion: 178 Resp: 37188

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	19.3	15.6	23.4

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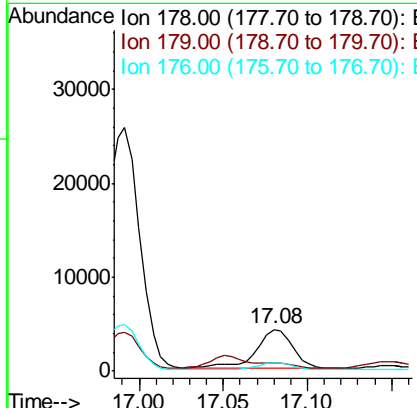
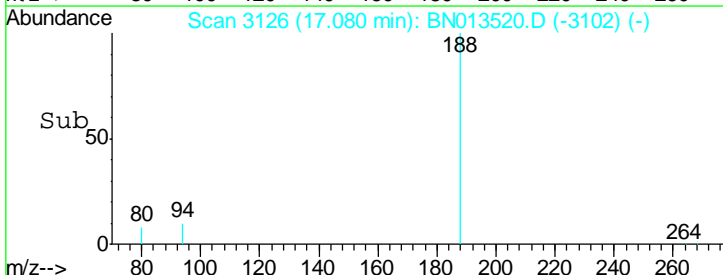


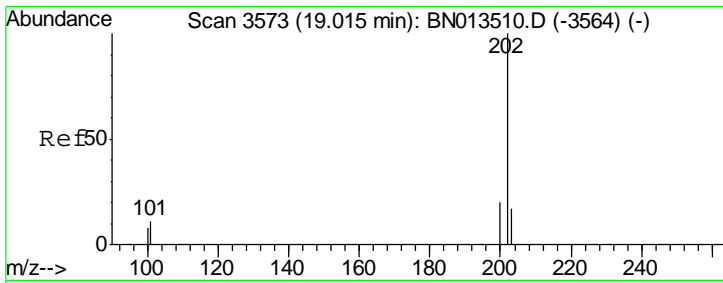
#13
 Anthracene
 Concen: 0.119 ng/ul
 RT: 17.08 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42



Tgt Ion: 178 Resp: 6333

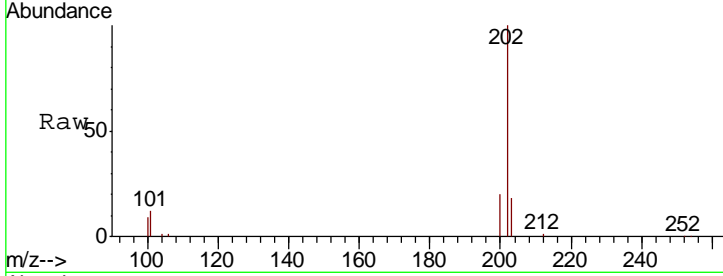
Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.6	19.0#
176	20.5	15.0	22.4





#15
 Fluoranthene
 Concen: 0.517 ng/ul
 RT: 19.01 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

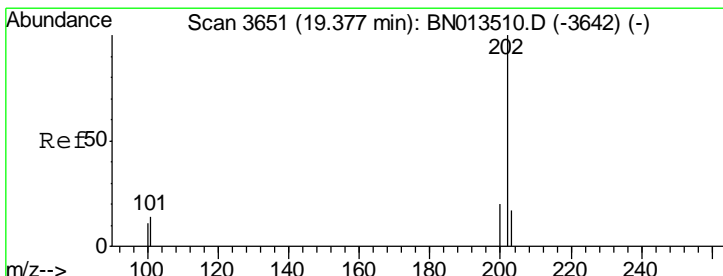
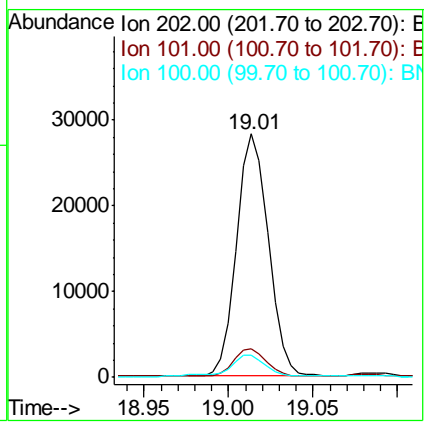
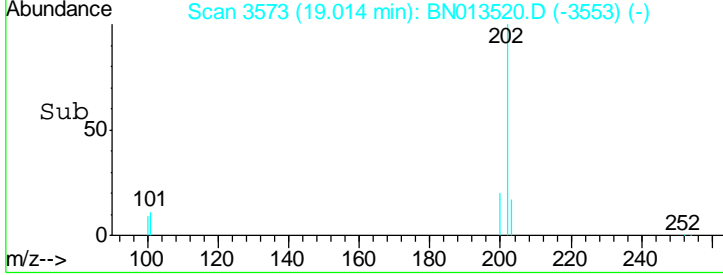
Instrument :
 BNA_N
ClientSampled :
 F1C02



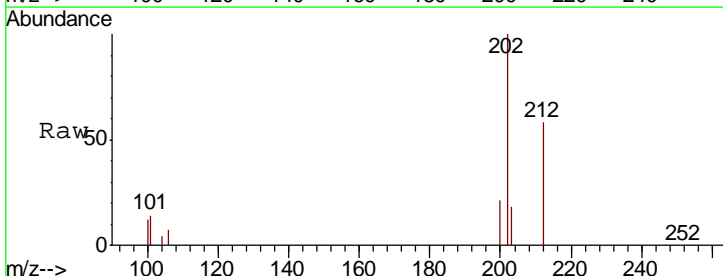
Tgt Ion: 202 Resp: 36665

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.6
100	9.0	0.0	28.5

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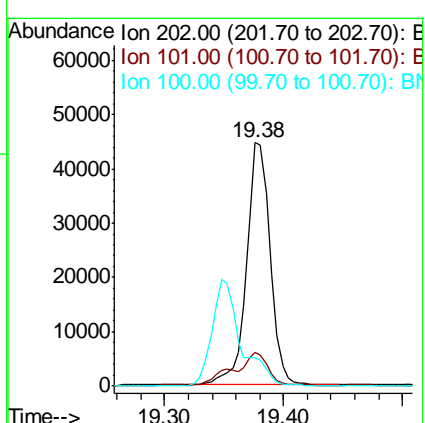
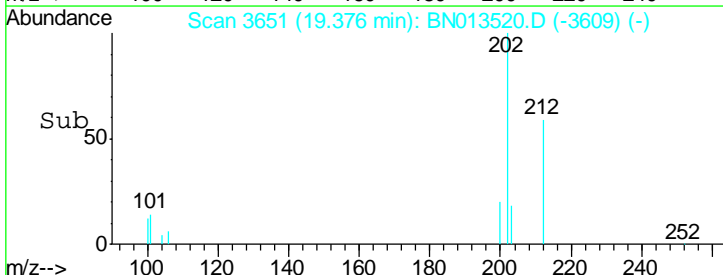


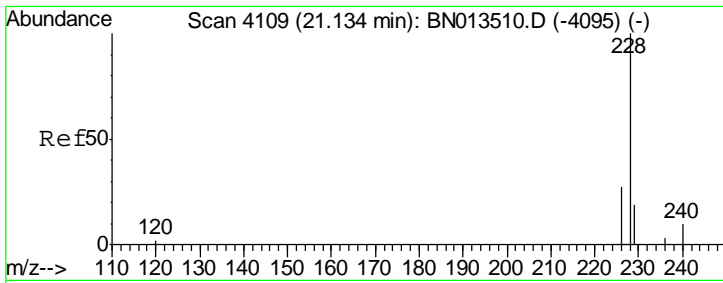
#17
 Pyrene
 Concen: 0.820 ng/ul
 RT: 19.38 min Scan# 3651
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42



Tgt Ion: 202 Resp: 61456

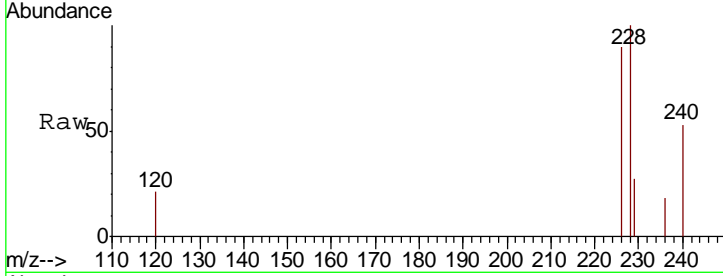
Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.2	16.8
100	11.8	9.0	13.4





#18
 Benzo(a)anthracene
 Concen: 0.083 ng/ul
 RT: 21.13 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

Instrument :
 BNA_N
 ClientSampled :
 F1C02

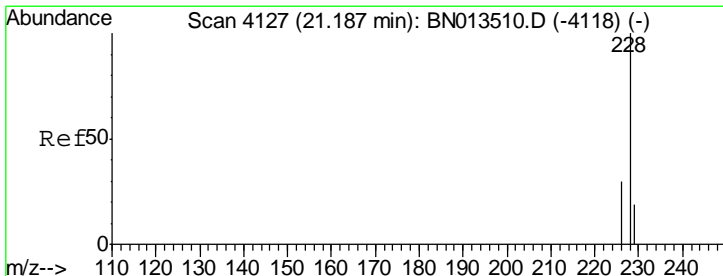
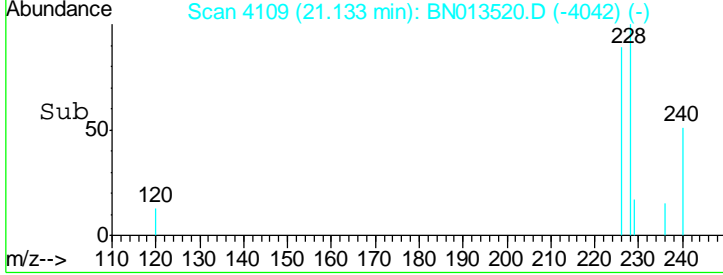
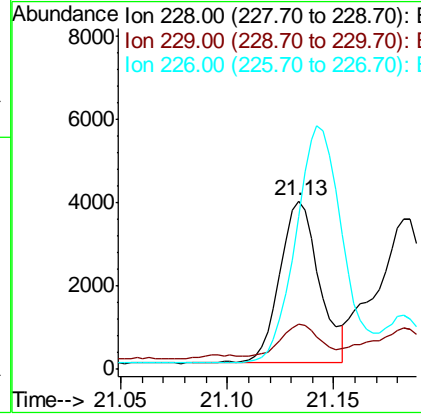


Tgt Ion: 228 Resp: 5037

Ion	Ratio	Lower	Upper
228	100		
229	26.6	15.6	23.4#
226	90.5	21.9	32.9#

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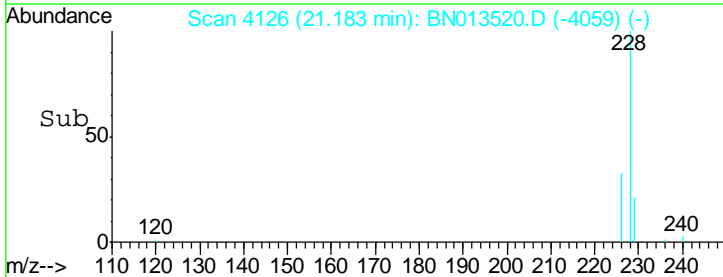
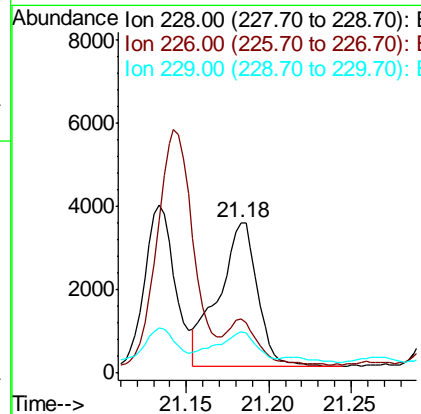
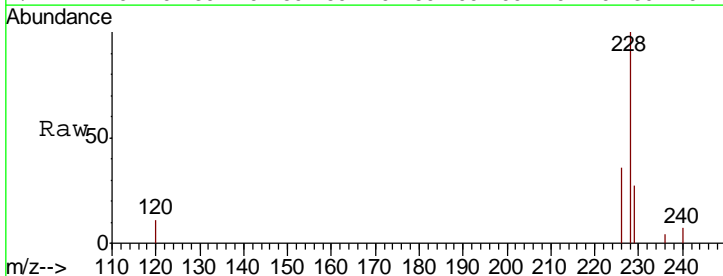
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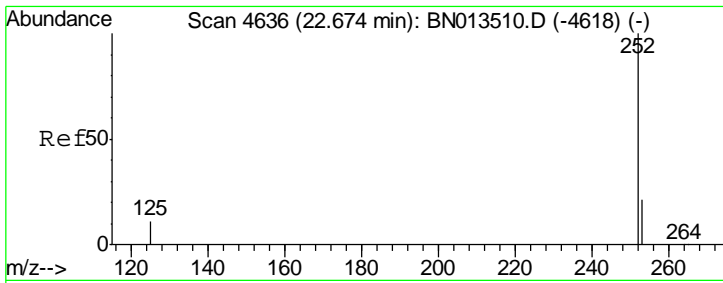


#19
 Chrysene
 Concen: 0.076 ng/ul
 RT: 21.18 min Scan# 4126
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

Tgt Ion: 228 Resp: 5704

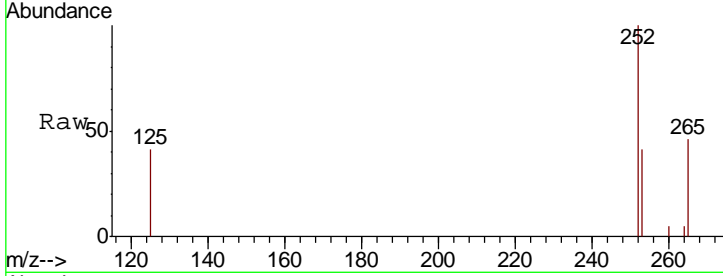
Ion	Ratio	Lower	Upper
228	100		
226	36.1	24.0	36.0#
229	27.1	15.8	23.8#





#21
 Benzo(b)fluoranthene
 Concen: 0.066 ng/ul m
 RT: 22.67 min Scan# 4634
 Delta R.T. -0.01 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

Instrument :
 BNA_N
 ClientSampled :
 F1C02

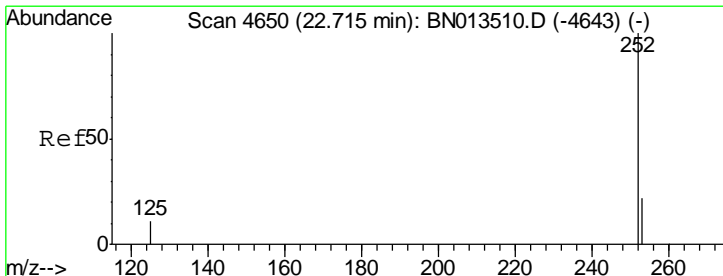
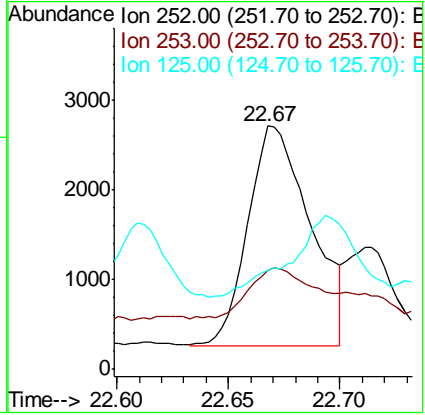
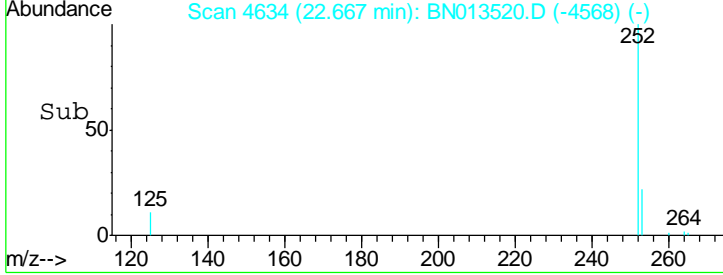


Tgt Ion: 252 Resp: 4814

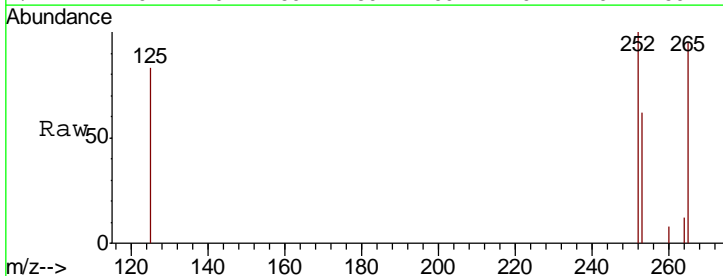
Ion	Ratio	Lower	Upper
252	100		
253	40.7	0.0	47.4
125	40.7	0.0	26.8#

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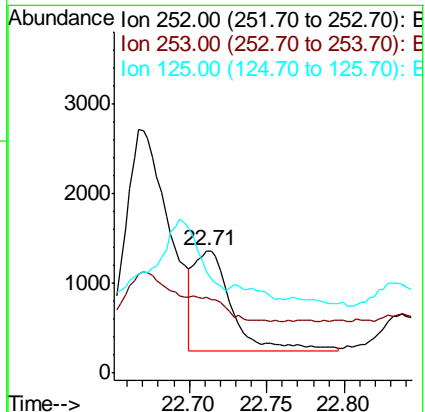
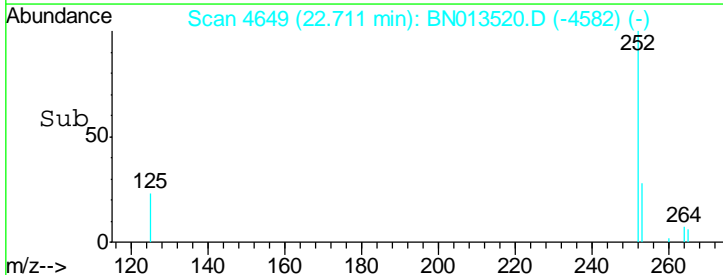


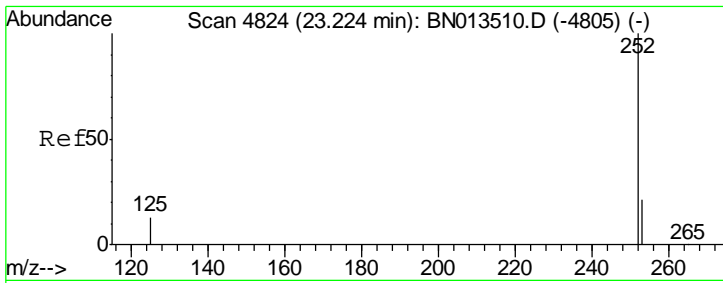
#22
 Benzo(k)fluoranthene
 Concen: 0.024 ng/ul m
 RT: 22.71 min Scan# 4649
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42



Tgt Ion: 252 Resp: 1868

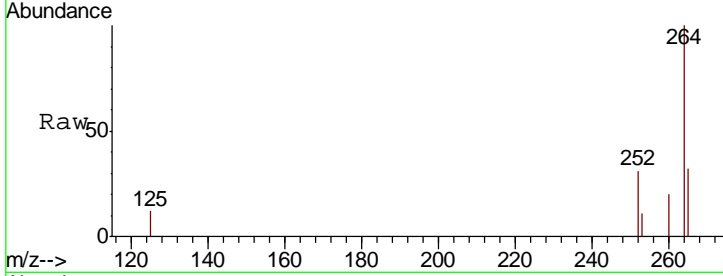
Ion	Ratio	Lower	Upper
252	100		
253	62.2	19.2	28.8#
125	82.8	11.4	17.2#





#23
 Benzo(a)pyrene
 Concen: 0.089 ng/ul
 RT: 23.22 min Scan# 4824
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

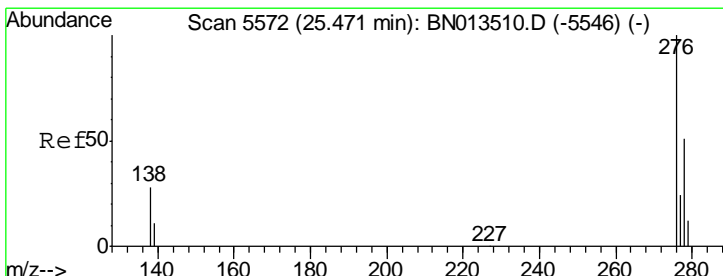
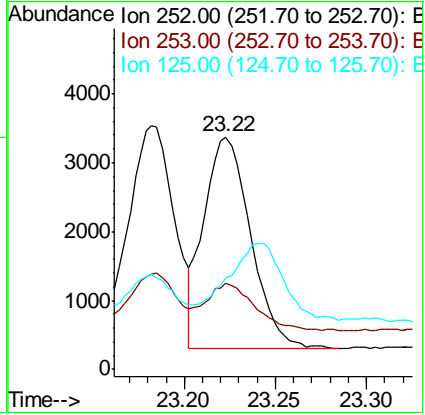
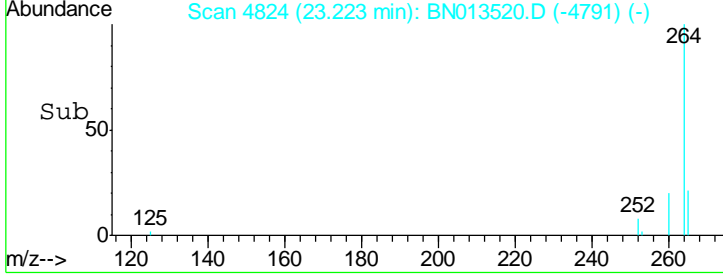
Instrument :
 BNA_N
 ClientSampled :
 F1C02



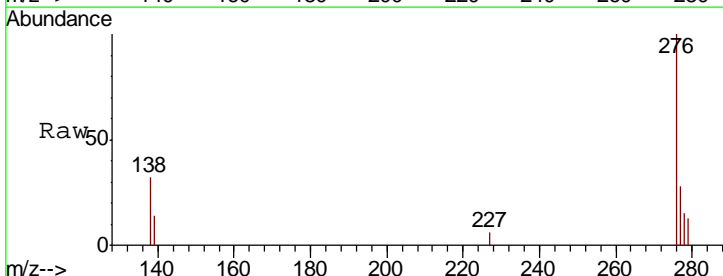
Tgt Ion	Resp	Lower	Upper
252	5503		
252	100		
253	36.9	20.1	30.1#
125	39.0	13.1	19.7#

Manual Integrations
 APPROVED

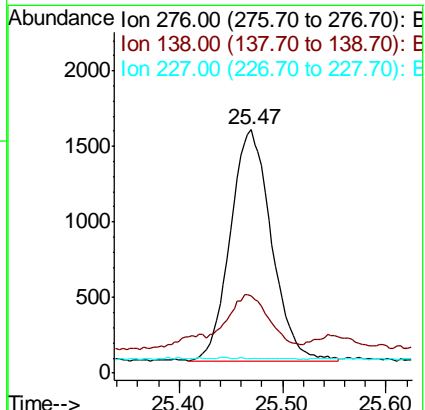
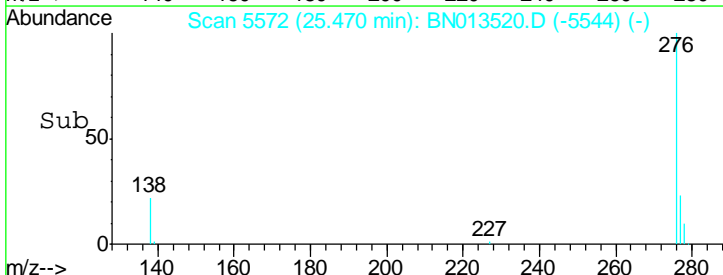
mohammad
 1/28/2021 11:44:48 AM

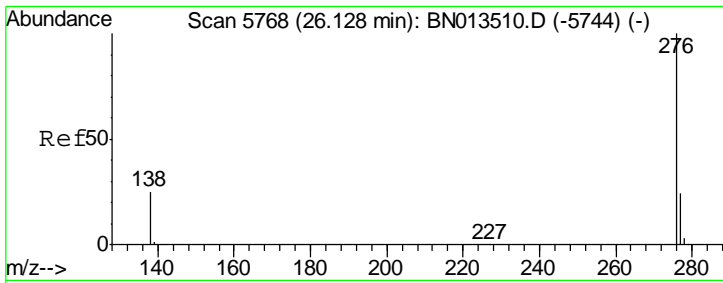


#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.051 ng/ul
 RT: 25.47 min Scan# 5572
 Delta R.T. -0.01 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42



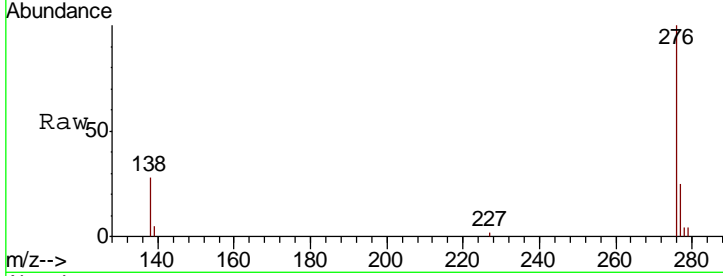
Tgt Ion	Resp	Lower	Upper
276	4209		
276	100		
138	0.0	0.0	0.0
227	0.1	0.0	0.0#





#26
 Benzo(a,h,i)perylene
 Concen: 0.190 ng/ul
 RT: 26.13 min Scan# 5768
 Delta R.T. -0.00 min
 Lab File: BN013520.D
 Acq: 27 Jan 2021 23:42

Instrument :
 BNA_N
ClientSampled :
 F1C02



Tot Ion: 276 Resp: 13833

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.0	31.4
277	24.7	19.5	29.3

Manual Integrations
APPROVED
 mohammad
 1/28/2021 11:44:48 AM

