

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013515.D
 Acq On : 27 Jan 2021 20:44
 Operator : CG/JU
 Sample : M1099-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 F1C07

Manual Integrations
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Quant Time: Jan 28 06:47:33 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 : Thu Jan 28 06:42:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	17922	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10471	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	21093m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	19338	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	19360	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.92	152	10844	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	21732	0.39	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.38	128	2363	0.046	ng/ul#	91
5) 2-Methylnaphthalene	12.00	142	1053	0.032	ng/ul	99
7) Acenaphthylene	13.92	152	2833	0.066	ng/ul#	93
8) Acenaphthene	14.26	153	1171	0.030	ng/ul	98
9) Fluorene	15.25	166	1292	0.030	ng/ul#	92
11) Pentachlorophenol	16.60	266	72	0.023	ng/ul	96
12) Phenanthrene	16.99	178	6303	0.091	ng/ul	96
13) Anthracene	17.08	178	1406	0.025	ng/ul#	83
15) Fluoranthene	19.01	202	8636	0.114	ng/ul	97
17) Pyrene	19.38	202	14704	0.186	ng/ul	99
18) Benzo(a)anthracene	21.13	228	2428	0.038	ng/ul#	73
19) Chrysene	21.18	228	3623	0.046	ng/ul#	93
21) Benzo(b)fluoranthene	22.67	252	4974	0.061	ng/ul#	60
22) Benzo(k)fluoranthene	22.72	252	2078	0.024	ng/ul#	32
23) Benzo(a)pyrene	23.23	252	2770	0.040	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.47	276	2852	0.031	ng/ul#	100
26) Benzo(a,h,i)perylene	26.12	276	3345	0.041	ng/ul#	88

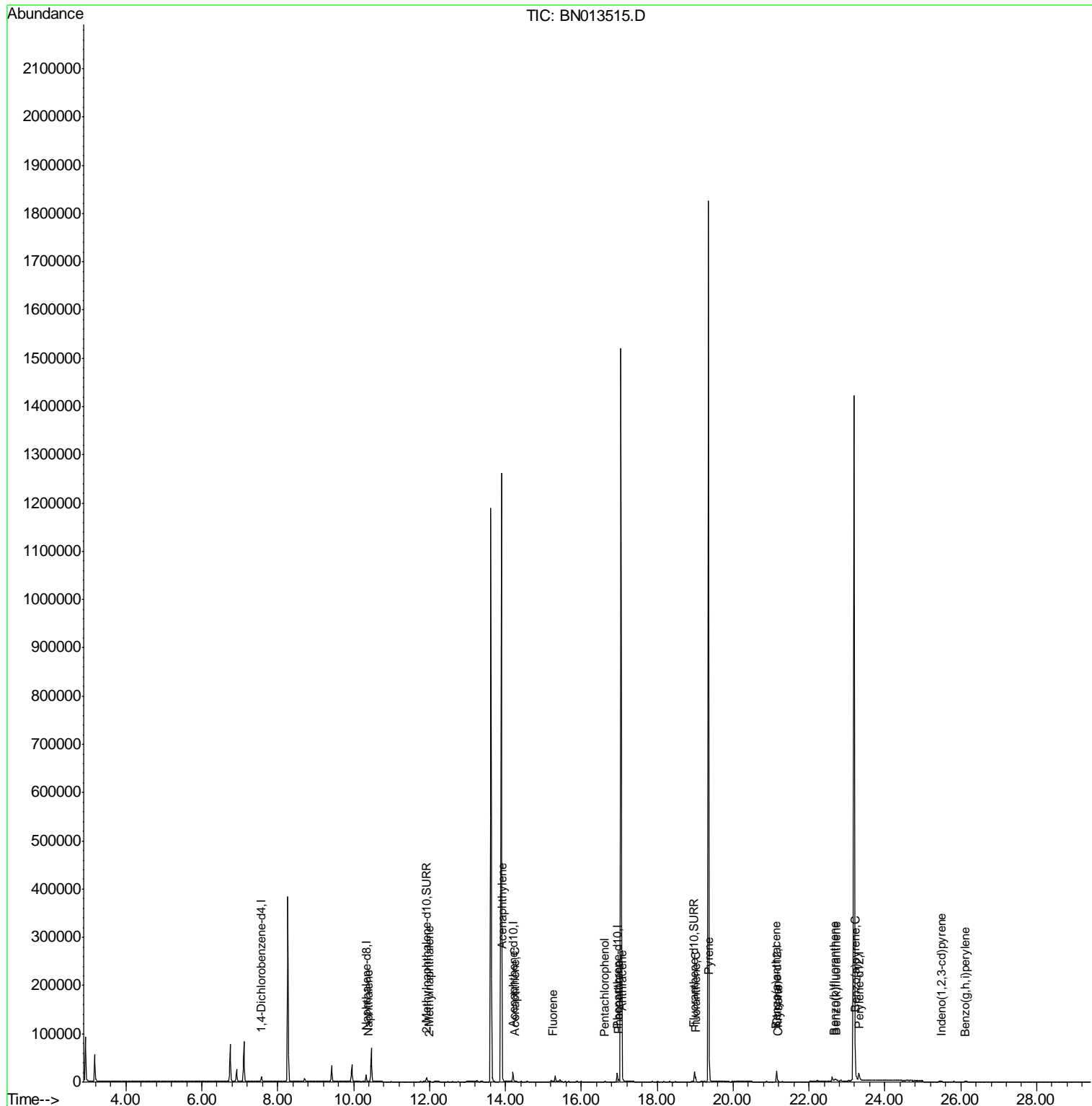
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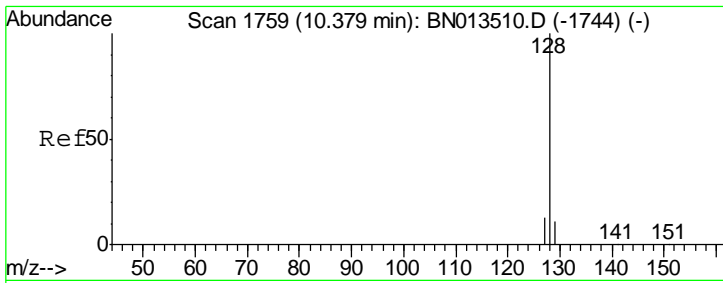
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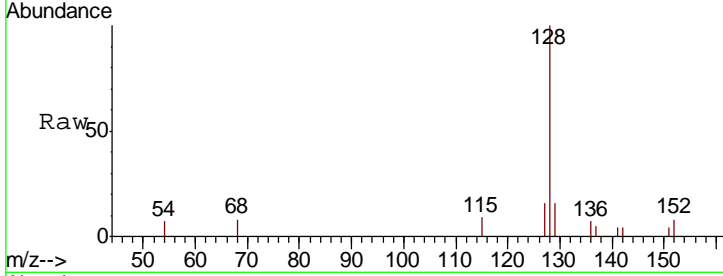
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#3
 Naphthalene
 Concen: 0.046 ng/ul
 RT: 10.38 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

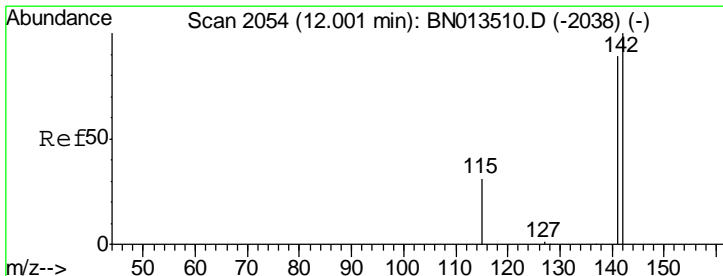
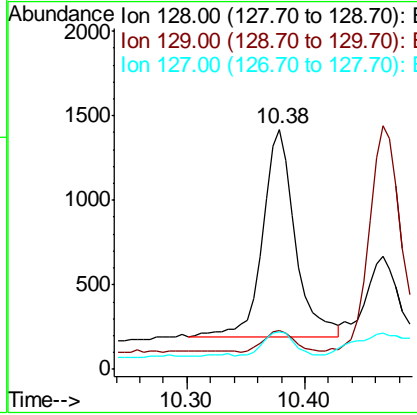
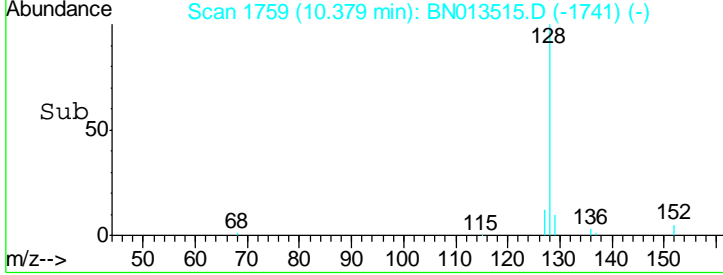
Instrument :
 BNA_N
 ClientSampled :
 F1C07



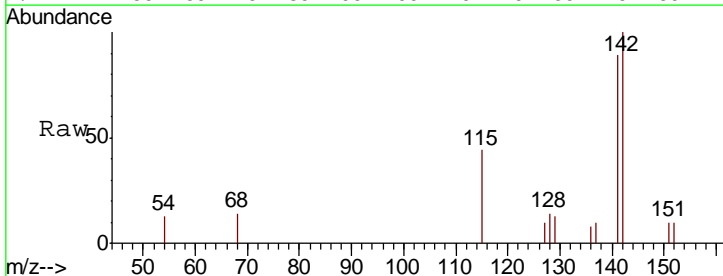
Tgt Ion: 128 Resp: 2363

Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.0	13.6#
127	15.7	10.6	15.8

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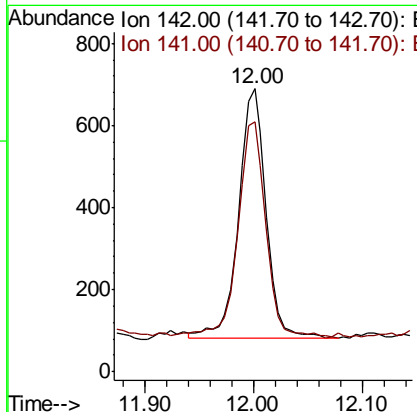
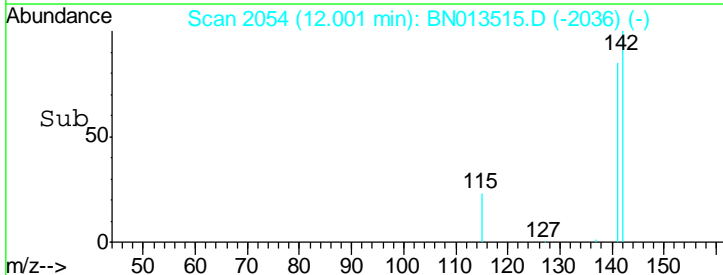


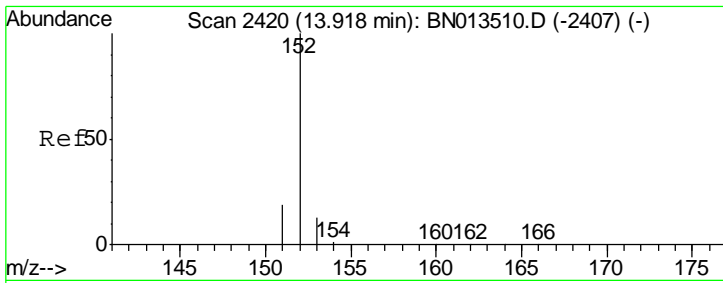
#5
 2-Methylnaphthalene
 Concen: 0.032 ng/ul
 RT: 12.00 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44



Tgt Ion: 142 Resp: 1053

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	106.0





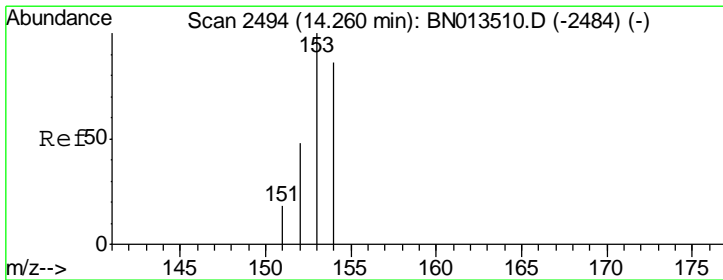
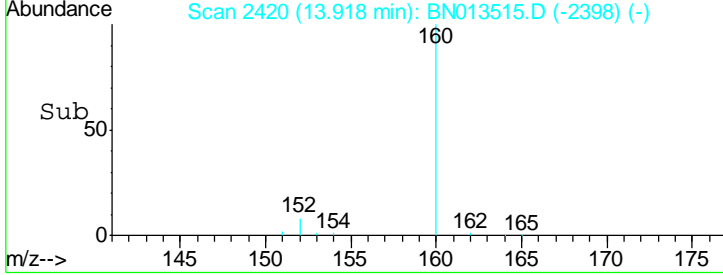
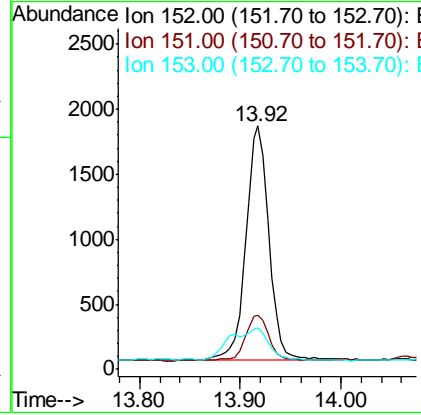
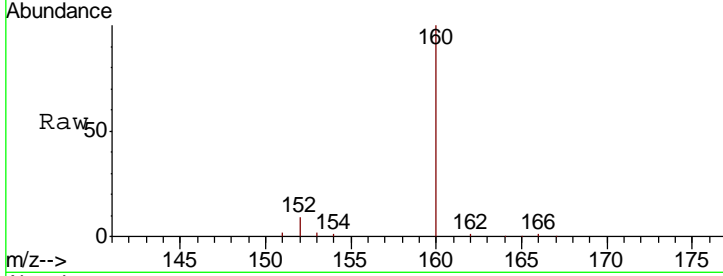
#7
 Acenaphthylene
 Concen: 0.066 ng/ul
 RT: 13.92 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

Instrument :
 BNA_N
 ClientSampled :
 F1C07

Tgt Ion	Resp	Lower	Upper
152	100		
151	22.3	16.1	24.1
153	17.1	10.7	16.1#

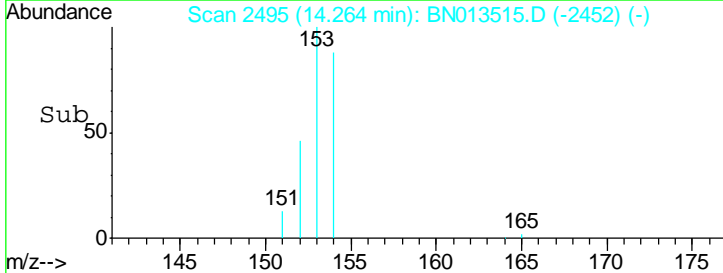
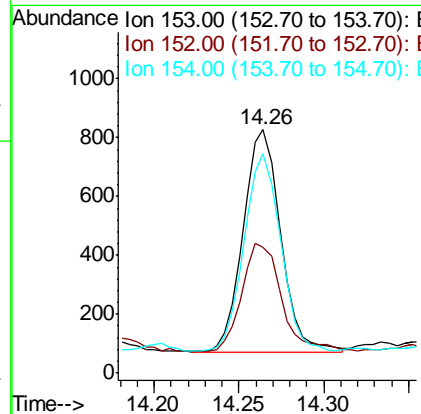
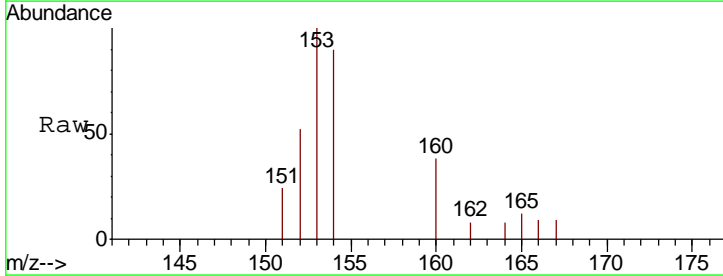
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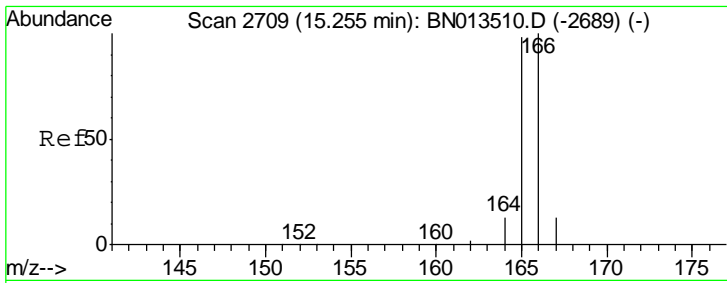
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#8
 Acenaphthene
 Concen: 0.030 ng/ul
 RT: 14.26 min Scan# 2495
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

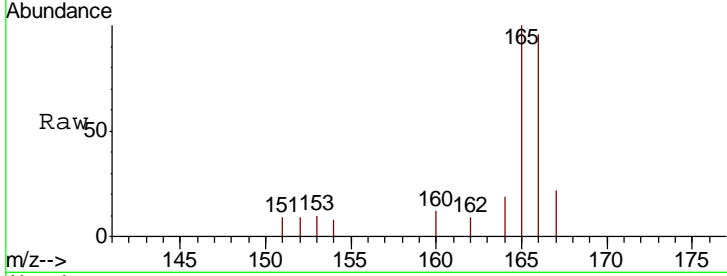
Tgt Ion	Resp	Lower	Upper
153	100		
152	51.5	39.5	59.3
154	89.8	70.6	105.8





#9
 Fluorene
 Concen: 0.030 ng/ul
 RT: 15.25 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

Instrument :
 BNA_N
ClientSampled :
 F1C07

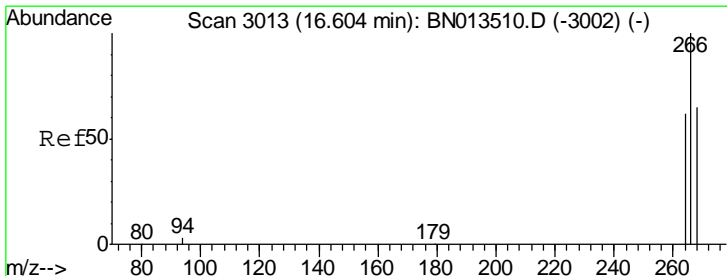
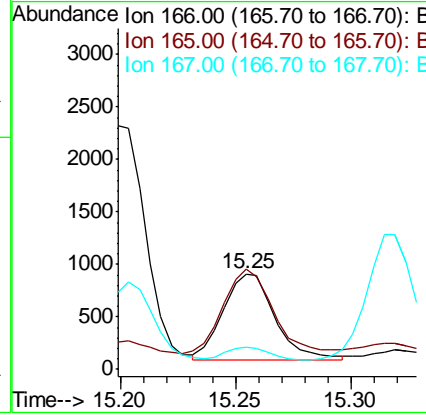
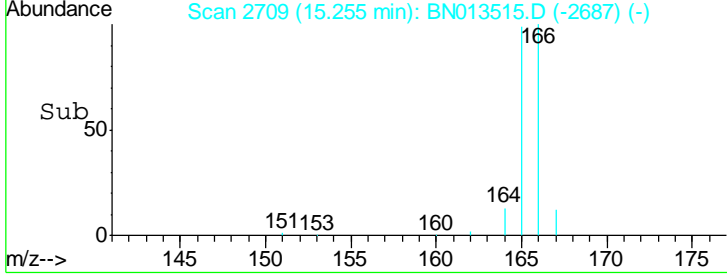


Tgt Ion: 166 Resp: 1292

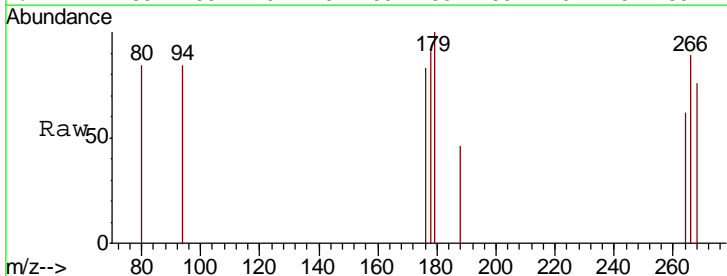
Ion	Ratio	Lower	Upper
166	100		
165	104.4	78.7	118.1
167	22.8	11.3	16.9

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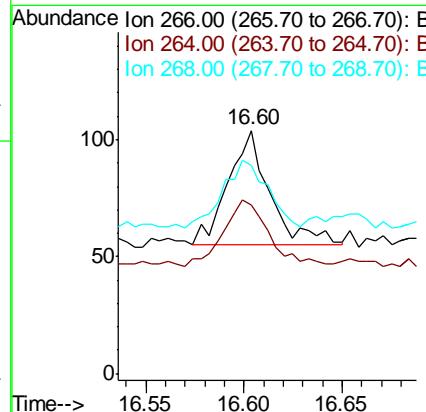
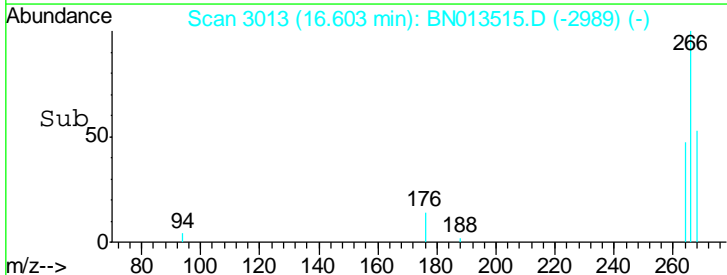


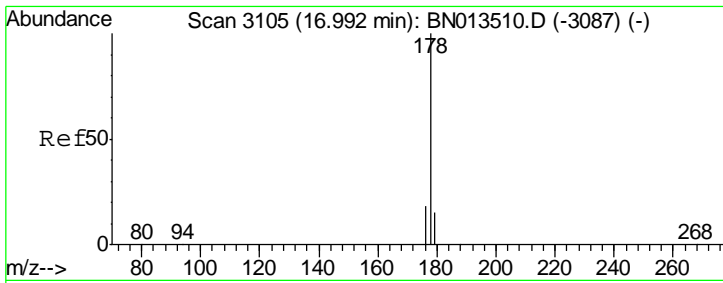
#11
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 16.60 min Scan# 3013
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44



Tgt Ion: 266 Resp: 72

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.8	74.6
268	59.7	52.2	78.4



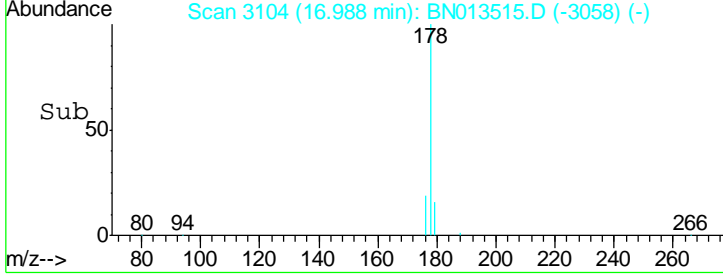
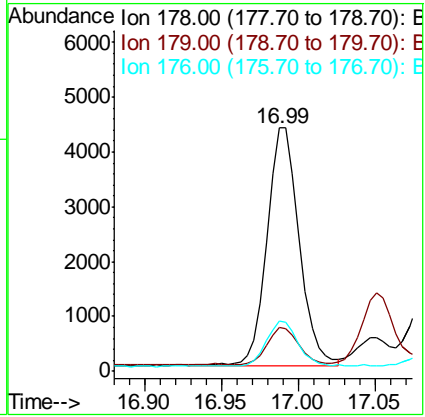
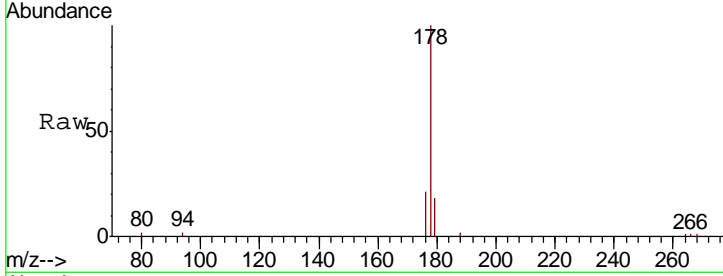


#12
 Phenanthrene
 Concen: 0.091 ng/ul
 RT: 16.99 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

Instrument :
 BNA_N
 ClientSampled :
 F1C07

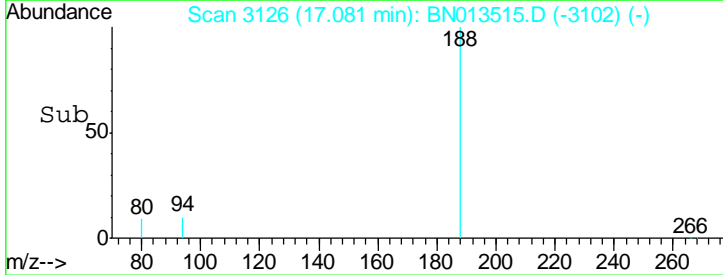
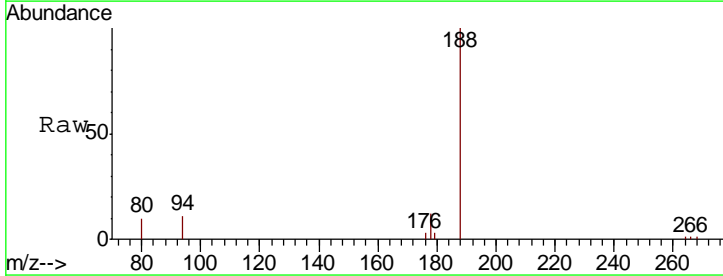
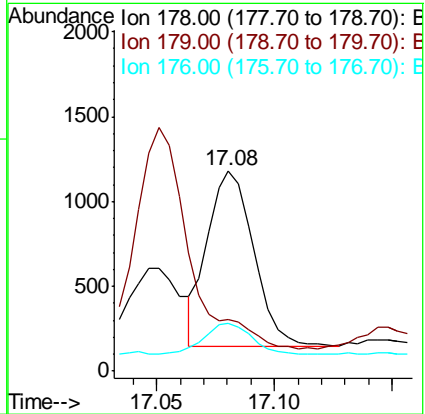
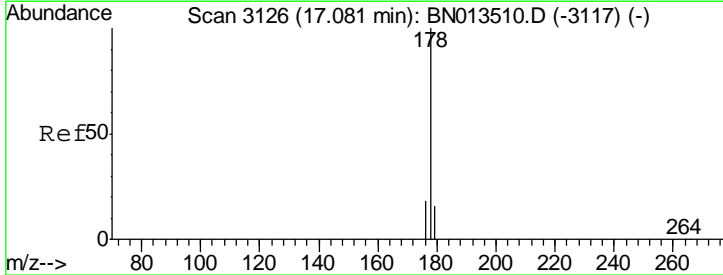
Tgt Ion	Resp	Lower	Upper
178	6303		
179	18.1	12.5	18.7
176	20.8	15.6	23.4

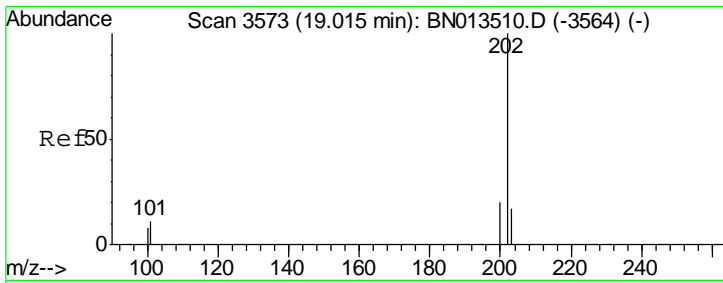
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#13
 Anthracene
 Concen: 0.025 ng/ul
 RT: 17.08 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

Tgt Ion	Resp	Lower	Upper
178	1406		
179	25.9	12.6	19.0#
176	23.9	15.0	22.4#





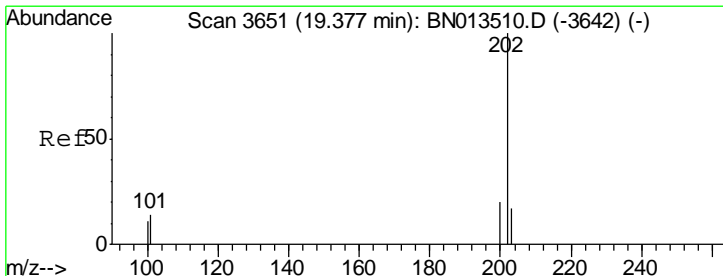
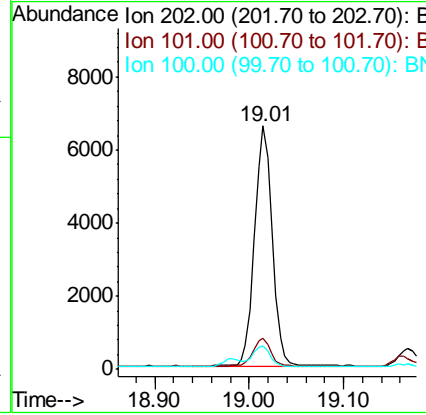
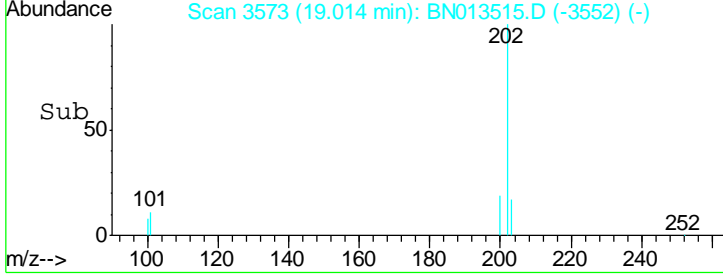
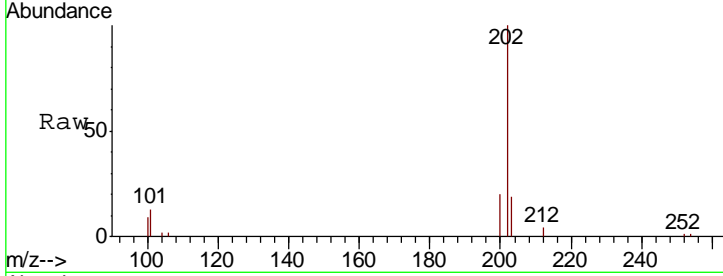
#15
 Fluoranthene
 Concen: 0.114 ng/ul
 RT: 19.01 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

Instrument :
 BNA_N
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 F1C07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.6
100	9.5	0.0	28.5

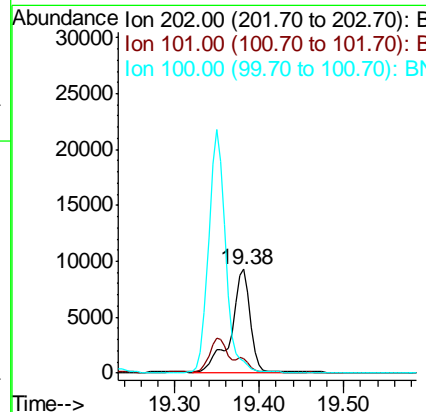
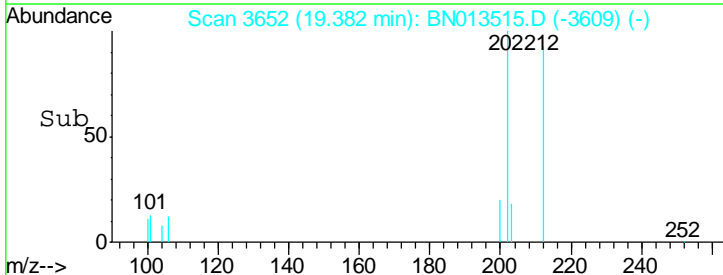
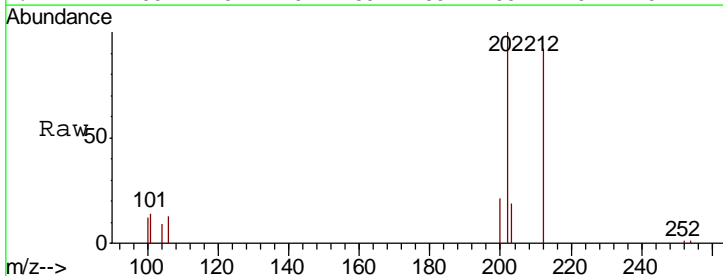
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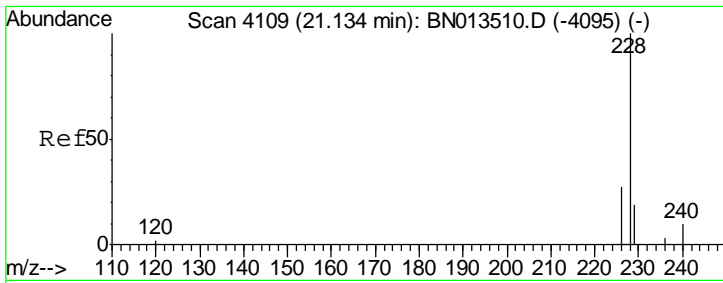
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#17
 Pyrene
 Concen: 0.186 ng/ul
 RT: 19.38 min Scan# 3652
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

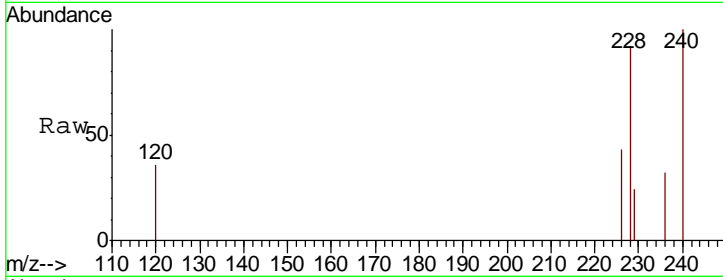
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.2	16.8
100	11.7	9.0	13.4





#18
 Benzo(a)anthracene
 Concen: 0.038 ng/ul
 RT: 21.13 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

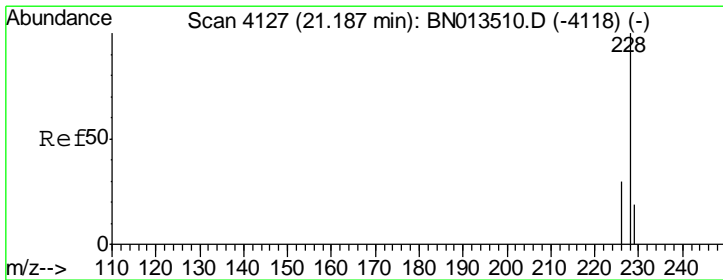
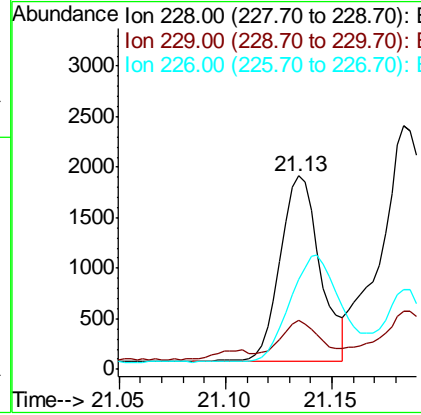
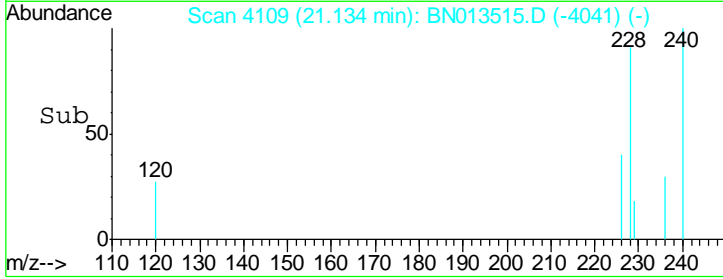
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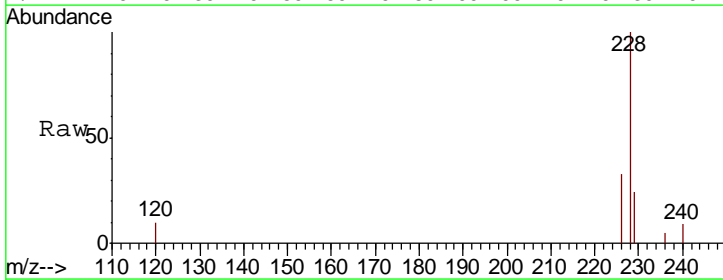
Tgt Ion: 228 Resp: 2428

Ion	Ratio	Lower	Upper
228	100		
229	25.7	15.6	23.4#
226	46.7	21.9	32.9#

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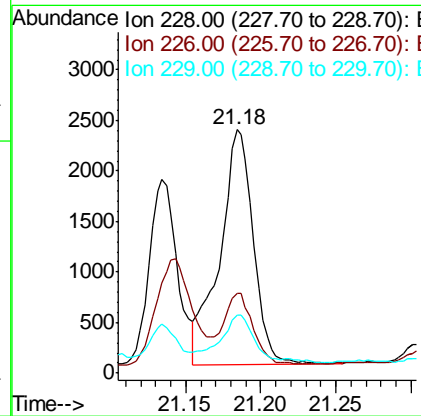
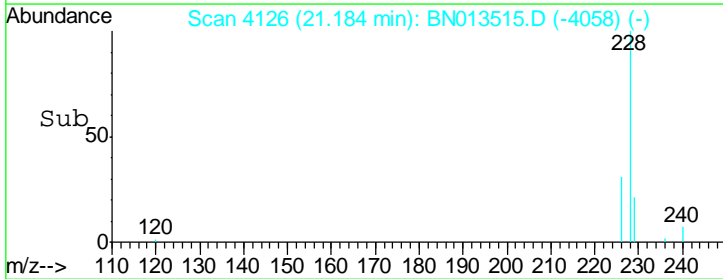


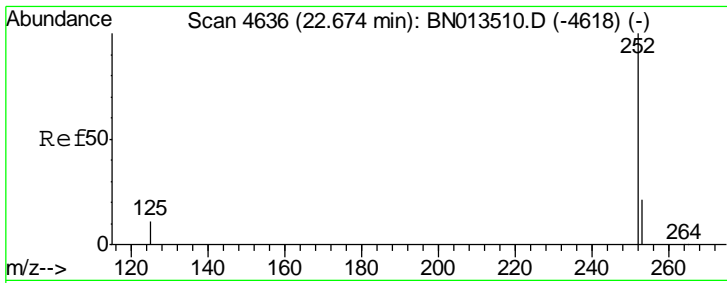
#19
 Chrysene
 Concen: 0.046 ng/ul
 RT: 21.18 min Scan# 4126
 Delta R.T. -0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44



Tgt Ion: 228 Resp: 3623

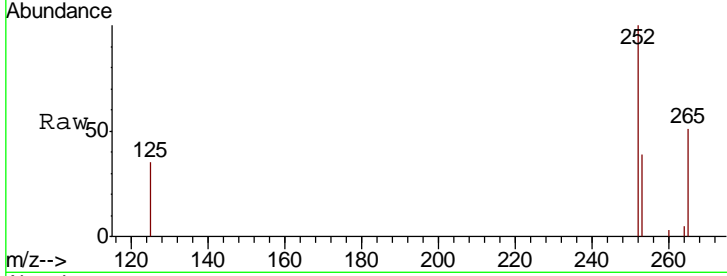
Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.0	36.0
229	24.0	15.8	23.8#





#21
 Benzo(b)fluoranthene
 Concen: 0.061 ng/ul
 RT: 22.67 min Scan# 4636
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

Instrument :
 BNA_N
 ClientSampled :
 F1C07

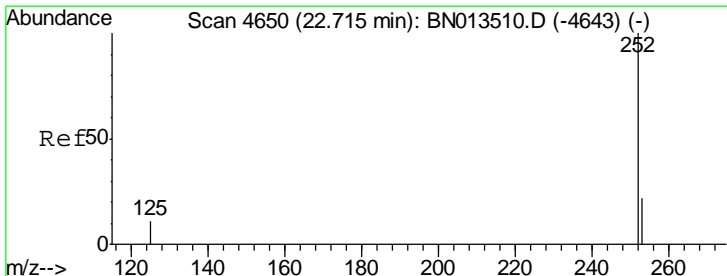
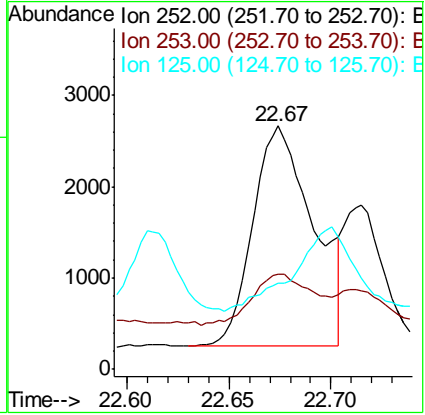
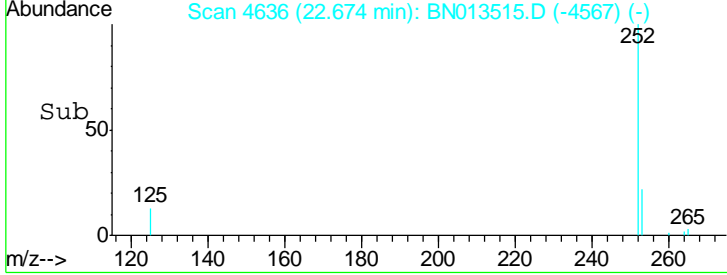


Tgt Ion: 252 Resp: 4974

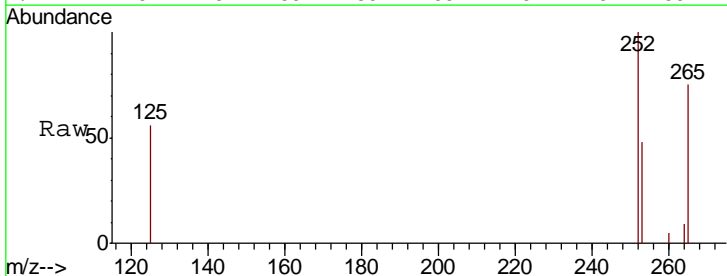
Ion	Ratio	Lower	Upper
252	100		
253	38.9	0.0	47.4
125	35.4	0.0	26.8#

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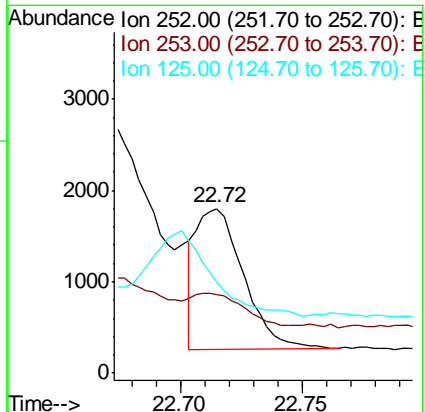
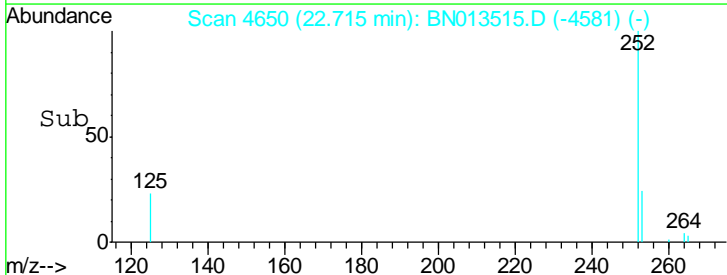


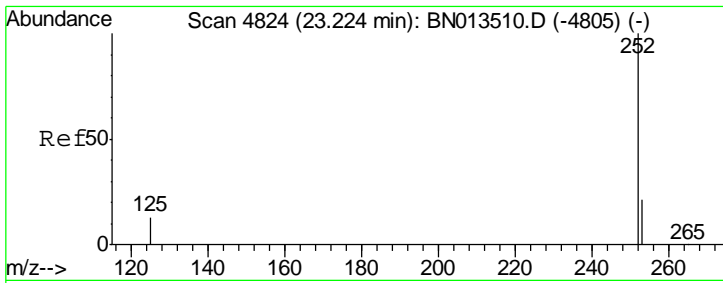
#22
 Benzo(k)fluoranthene
 Concen: 0.024 ng/ul
 RT: 22.72 min Scan# 4650
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44



Tgt Ion: 252 Resp: 2078

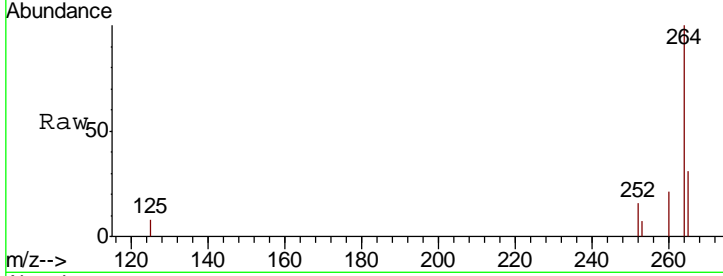
Ion	Ratio	Lower	Upper
252	100		
253	48.1	19.2	28.8#
125	55.5	11.4	17.2#





#23
 Benzo(a)pyrene
 Concen: 0.040 ng/ul
 RT: 23.23 min Scan# 4825
 Delta R.T. 0.00 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

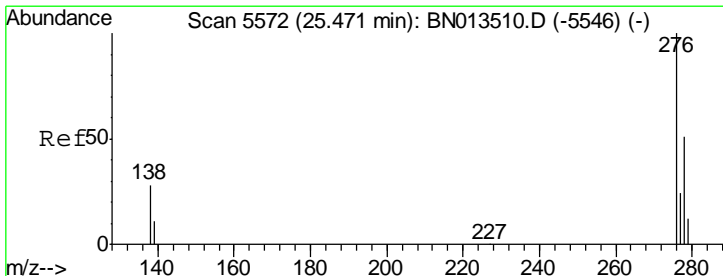
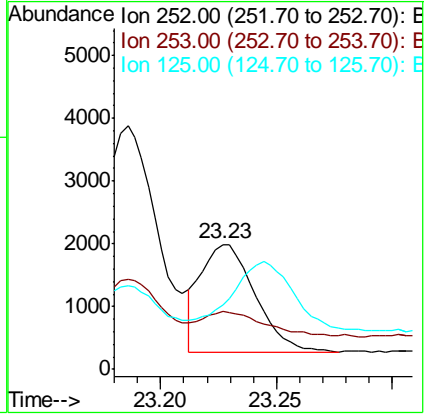
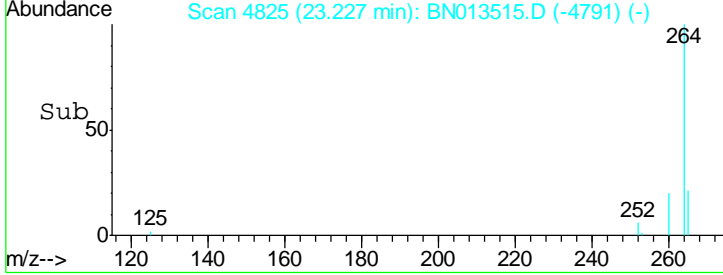
Instrument :
 BNA_N
 ClientSampled :
 F1C07



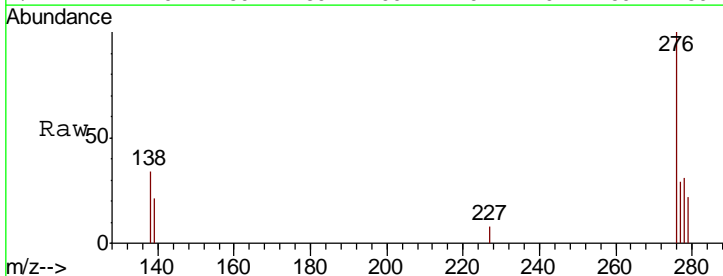
Tgt Ion	Resp	Lower	Upper
252	2770		
252	100		
253	46.3	20.1	30.1#
125	51.6	13.1	19.7#

Manual Integrations
 APPROVED

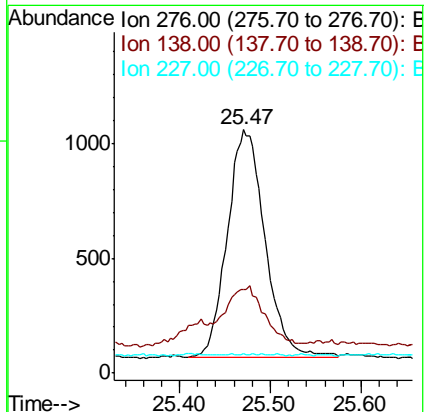
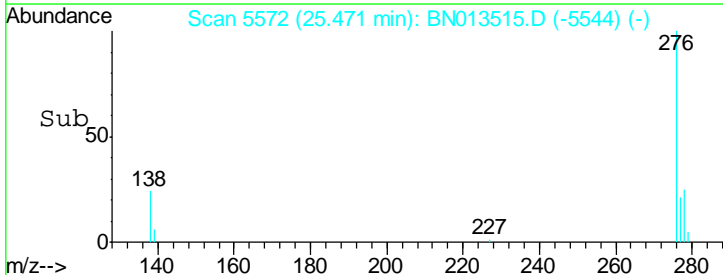
mohammad
 1/28/2021 11:44:38 AM

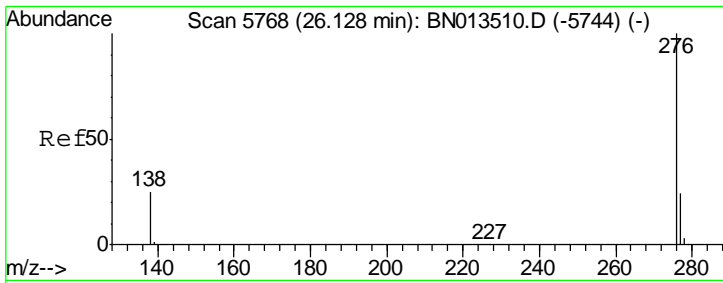


#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.031 ng/ul
 RT: 25.47 min Scan# 5572
 Delta R.T. -0.01 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44



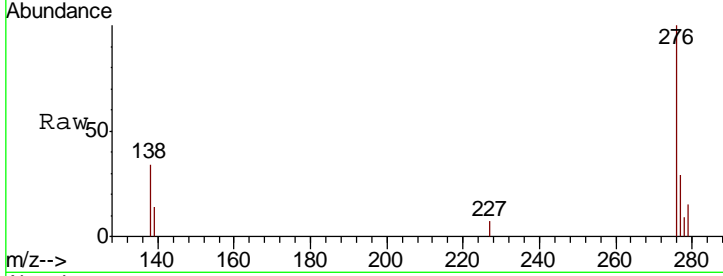
Tgt Ion	Resp	Lower	Upper
276	2852		
276	100		
138	0.0	0.0	0.0
227	0.1	0.0	0.0#





#26
 Benzo(a,h,i)perylene
 Concen: 0.041 ng/ul
 RT: 26.12 min Scan# 5767
 Delta R.T. -0.01 min
 Lab File: BN013515.D
 Acq: 27 Jan 2021 20:44

Instrument :
 BNA_N
ClientSampled :
 F1C07



Tot Ion: 276 Resp: 3345

Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.0	31.4#
277	29.0	19.5	29.3

Manual Integrations
APPROVED
 mohammad
 1/28/2021 11:44:38 AM

