

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
 Data File : BN013508.D
 Acq On : 27 Jan 2021 15:22
 Operator : CG/JU
 Sample : M1099-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 F1C13

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Quant Time: Jan 27 16:10:12 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	4483	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	17355	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10868	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	21195m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	19262	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	18626	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	12495	0.48	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	26202	0.47	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.38	128	29654	0.591	ng/ul	98
5) 2-Methylnaphthalene	12.00	142	10265	0.322	ng/ul	99
7) Acenaphthylene	13.92	152	92695	2.070	ng/ul	100
8) Acenaphthene	14.26	153	36778	0.923	ng/ul	99
9) Fluorene	15.26	166	41167	0.934	ng/ul	98
11) Pentachlorophenol	16.60	266	107	0.034	ng/ul#	85
12) Phenanthrene	16.99	178	177862	2.563	ng/ul	99
13) Anthracene	17.08	178	32608	0.573	ng/ul	99
15) Fluoranthene	19.02	202	145805	1.923	ng/ul	99
17) Pyrene	19.38	202	278024	3.527	ng/ul	100
18) Benzo(a)anthracene	21.14	228	11873	0.187	ng/ul#	1
19) Chrysene	21.19	228	19053	0.240	ng/ul	93
21) Benzo(b)fluoranthene	22.68	252	15070m	0.193	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	4846m	0.058	ng/ul	
23) Benzo(a)pyrene	23.23	252	16113	0.243	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.48	276	13472	0.153	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	1667	0.023	ng/ul#	24
26) Benzo(g,h,i)perylene	26.13	276	34809	0.446	ng/ul	99

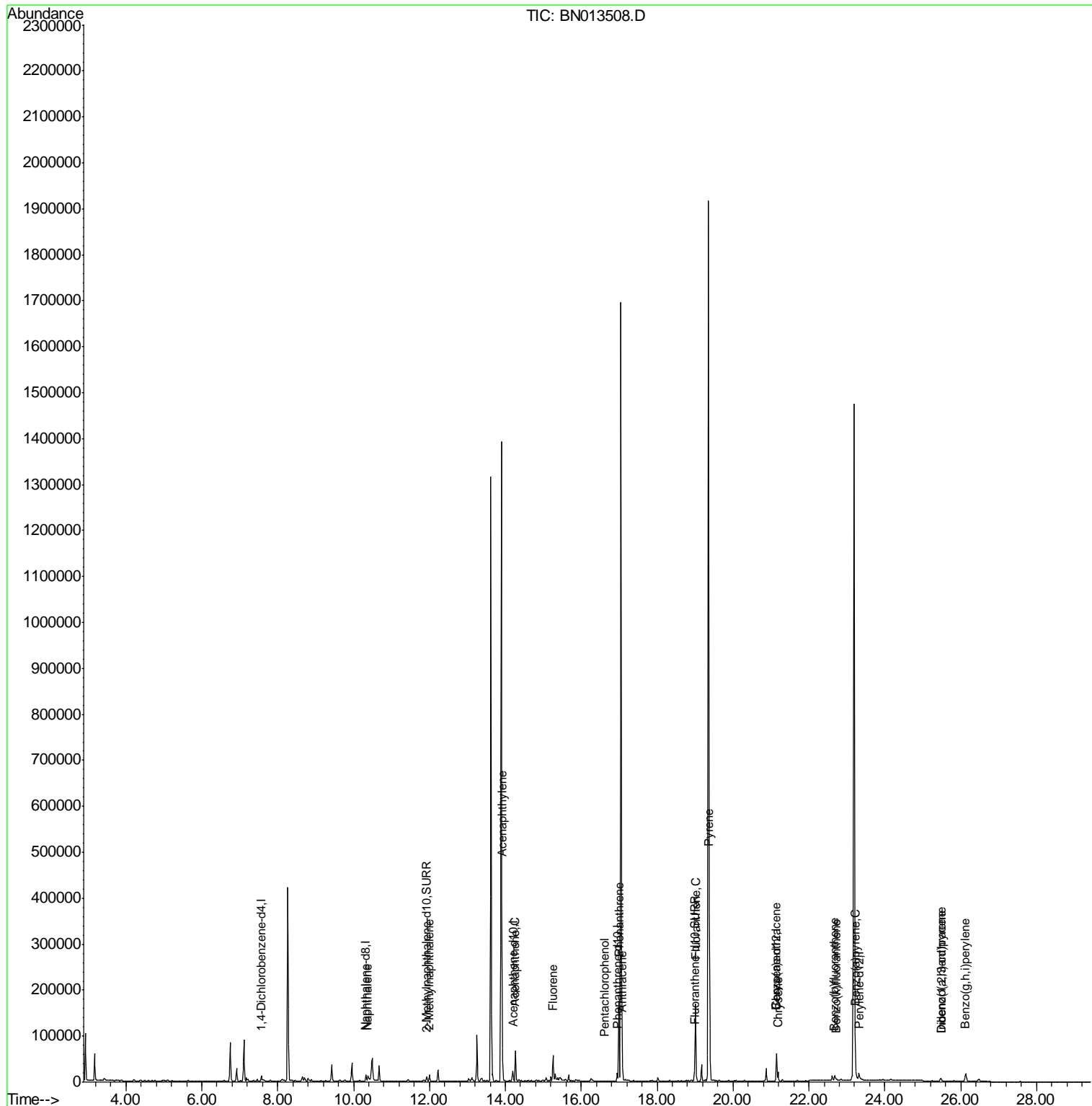
(#) = qualifier out of range (m) = manual integration (+) = signals summed

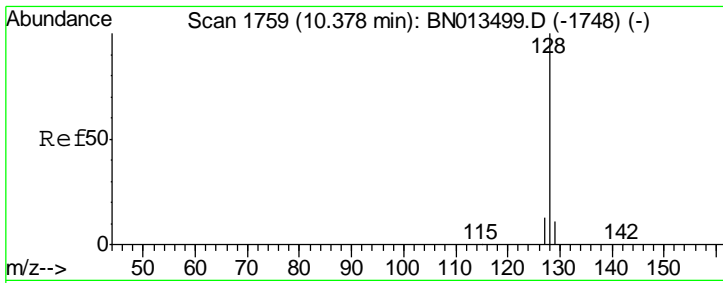
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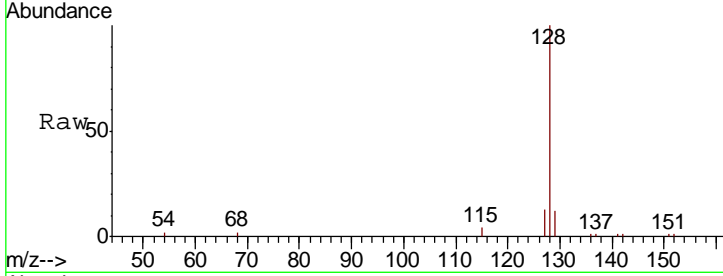
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#3
 Naphthalene
 Concen: 0.591 ng/ul
 RT: 10.38 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

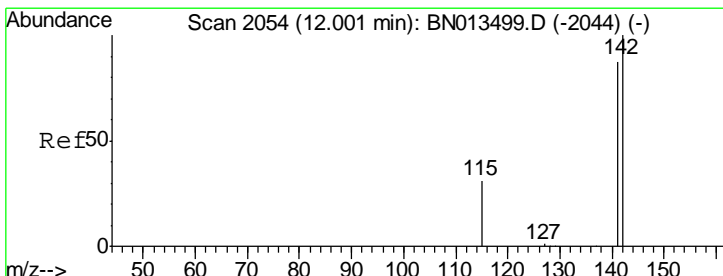
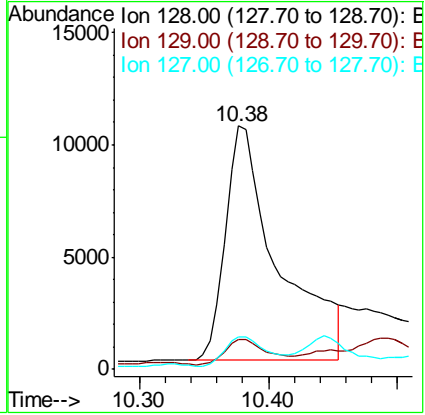
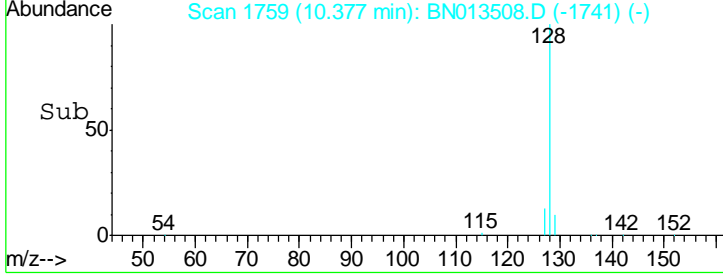
Instrument :
 BNA_N
 ClientSampled :
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Tgt Ion:128 Resp: 29654

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.6
127	13.5	10.6	15.8

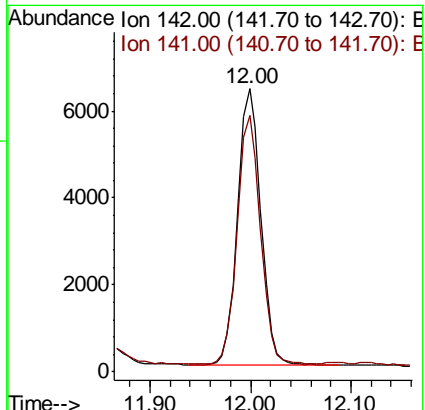
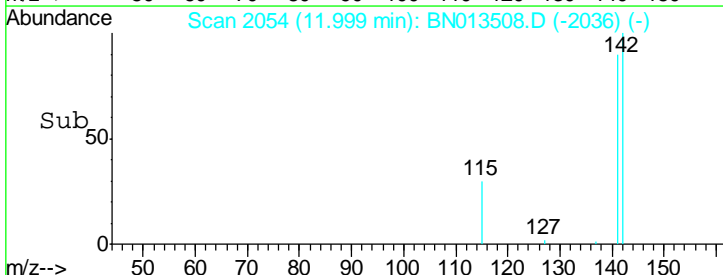
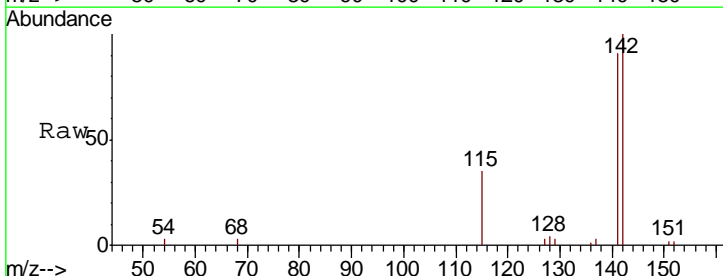
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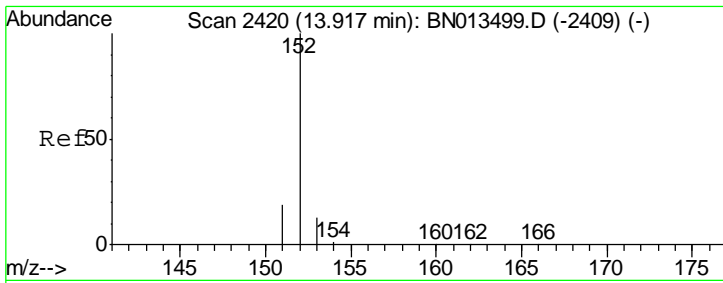


#5
 2-Methylnaphthalene
 Concen: 0.322 ng/ul
 RT: 12.00 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

Tgt Ion:142 Resp: 10265

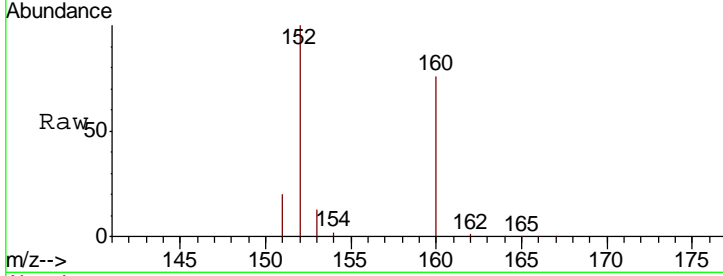
Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	106.0





#7
 Acenaphthylene
 Concen: 2.070 ng/ul
 RT: 13.92 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

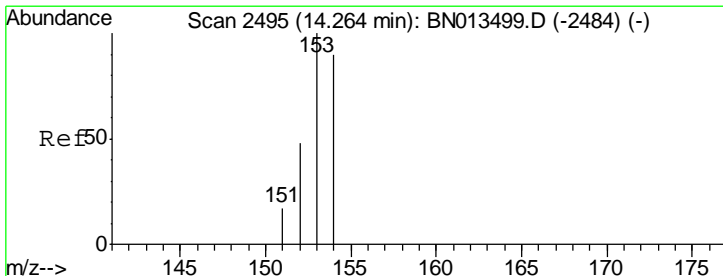
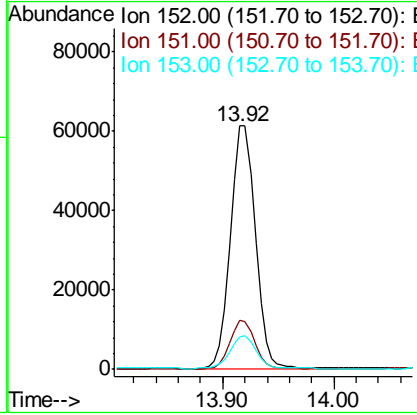
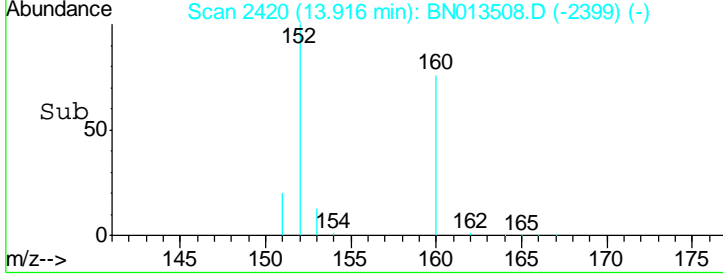
Instrument :
 BNA_N
 ClientSampled :
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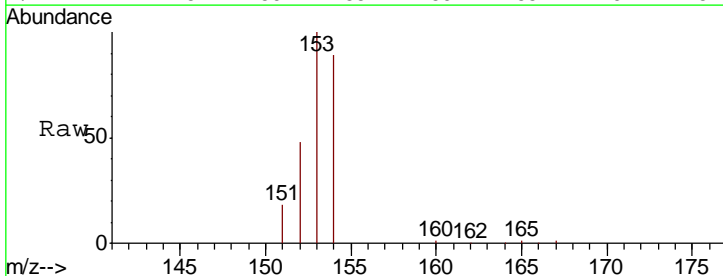
Tgt Ion: 152 Resp: 92695

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.4	10.7	16.1

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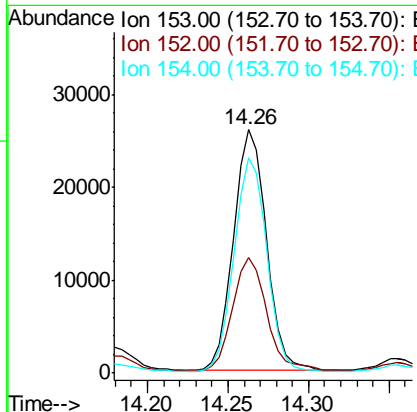
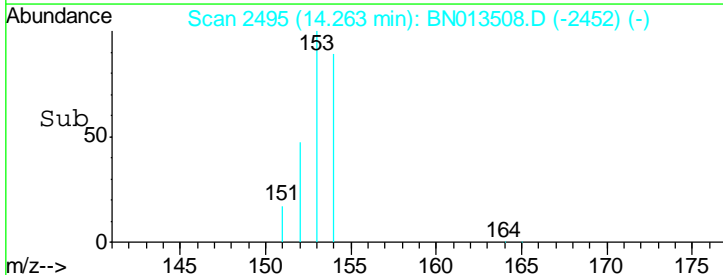


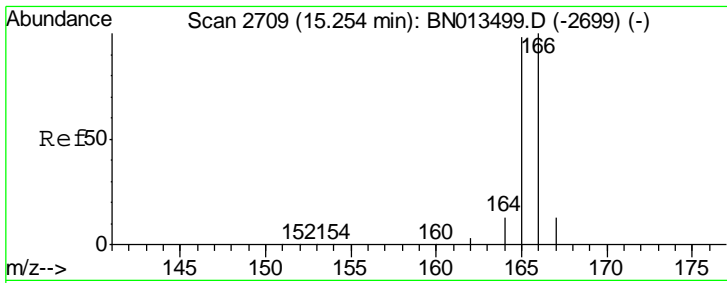
#8
 Acenaphthene
 Concen: 0.923 ng/ul
 RT: 14.26 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22



Tgt Ion: 153 Resp: 36778

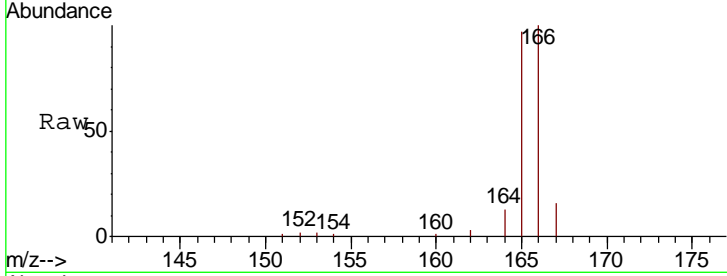
Ion	Ratio	Lower	Upper
153	100		
152	47.7	39.5	59.3
154	88.6	70.6	105.8





#9
 Fluorene
 Concen: 0.934 ng/ul
 RT: 15.26 min Scan# 2710
 Delta R.T. 0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

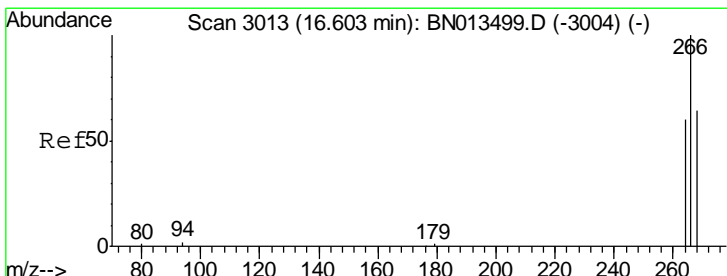
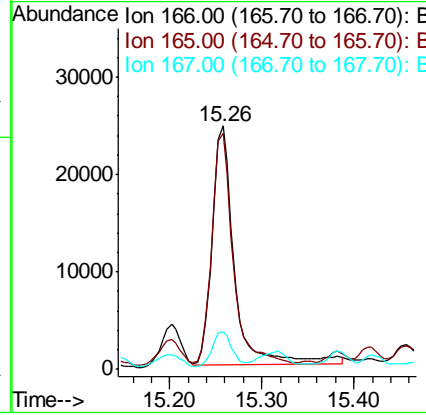
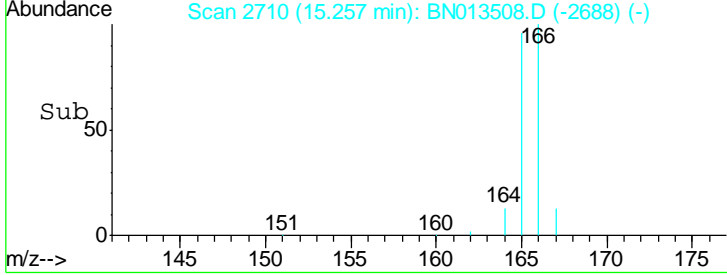
Instrument :
 BNA_N
 ClientSampled :
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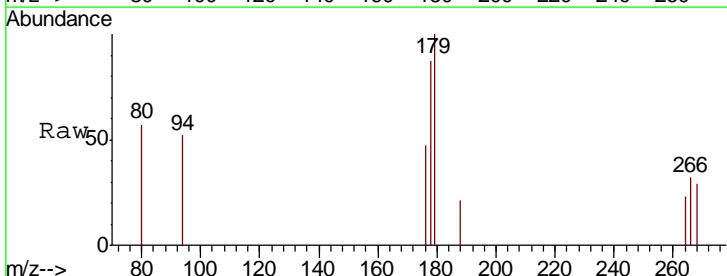
Tgt Ion: 166 Resp: 41167

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.7	118.1
167	15.6	11.3	16.9

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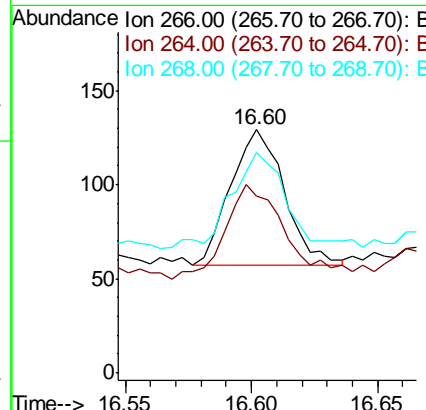
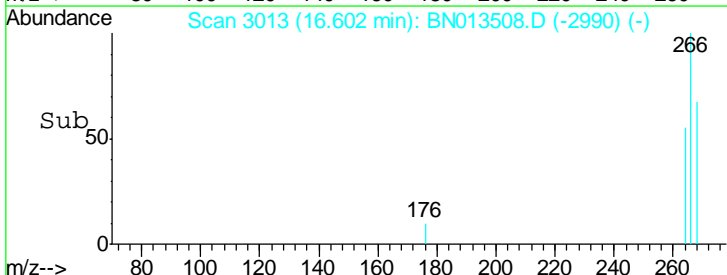


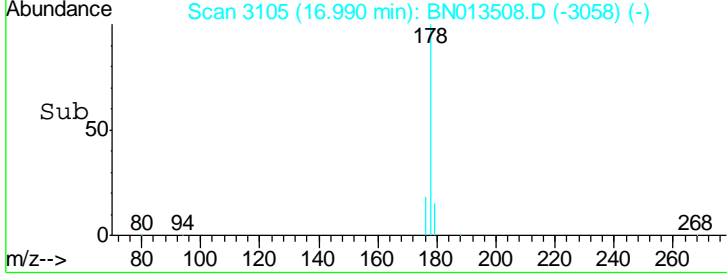
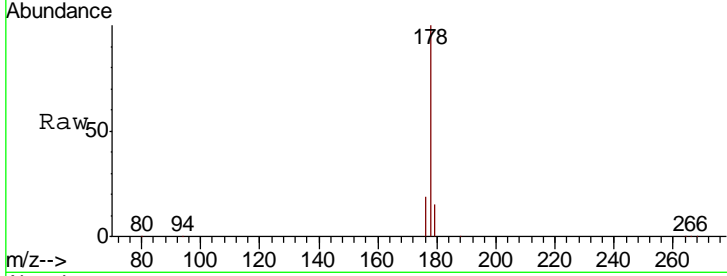
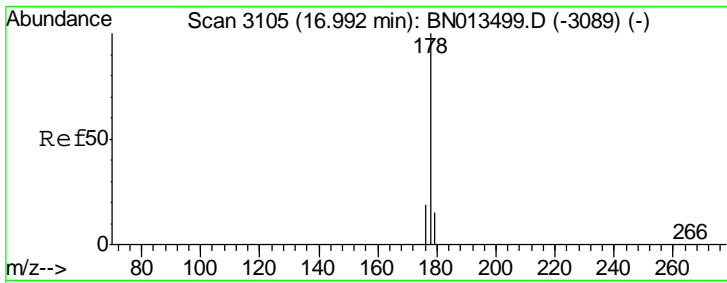
#11
 Pentachlorophenol
 Concen: 0.034 ng/ul
 RT: 16.60 min Scan# 3013
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22



Tgt Ion: 266 Resp: 107

Ion	Ratio	Lower	Upper
266	100		
264	77.6	49.8	74.6#
268	73.8	52.2	78.4



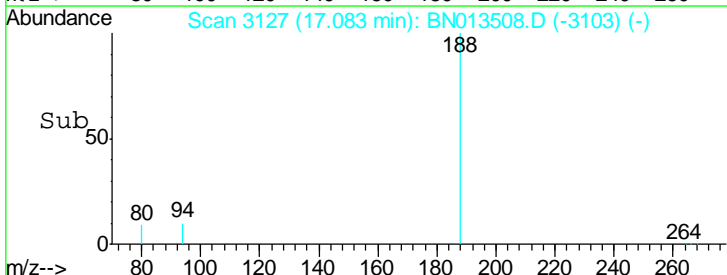
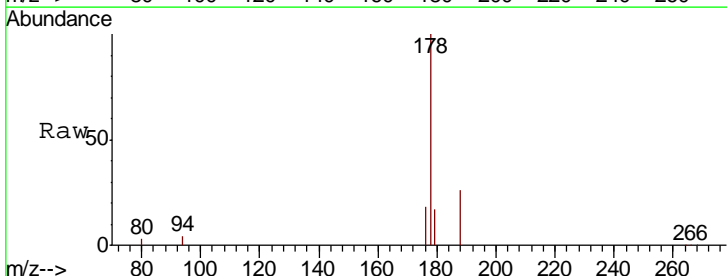
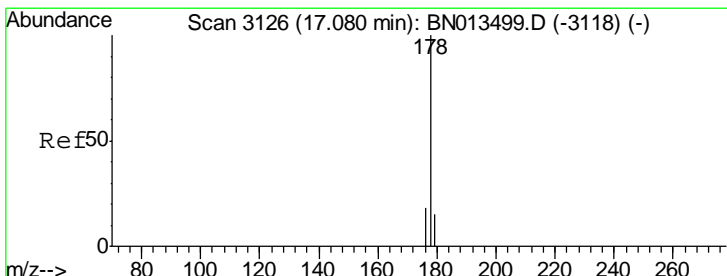
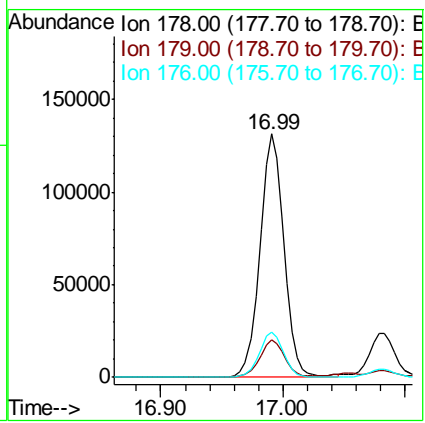


#12
 Phenanthrene
 Concen: 2.563 ng/ul
 RT: 16.99 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

Tgt Ion	Resp	Lower	Upper
178	177862		
178	100		
179	15.4	12.5	18.7
176	18.6	15.6	23.4

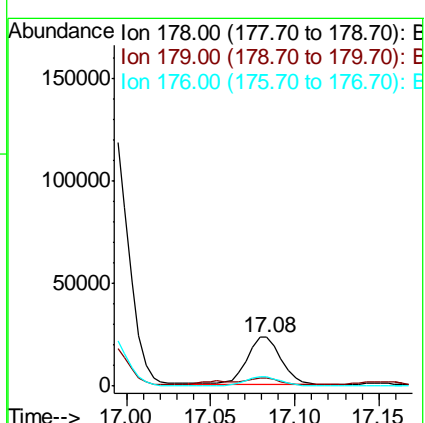
Instrument :
 BNA_N
 ClientSampled :
 F1C13

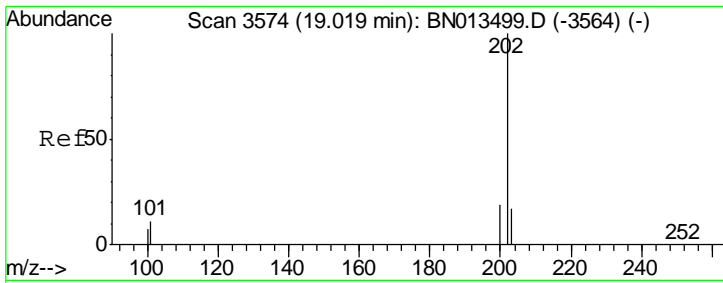
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#13
 Anthracene
 Concen: 0.573 ng/ul
 RT: 17.08 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

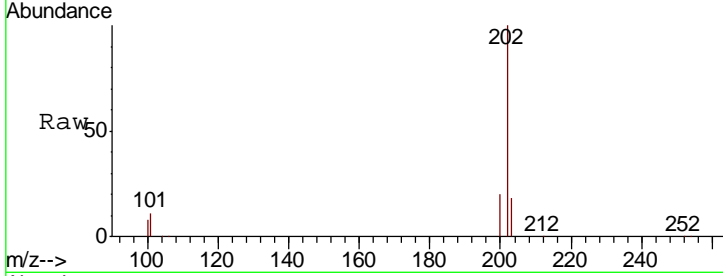
Tgt Ion	Resp	Lower	Upper
178	32608		
178	100		
179	16.6	12.6	19.0
176	18.4	15.0	22.4





#15
 Fluoranthene
 Concen: 1.923 ng/ul
 RT: 19.02 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

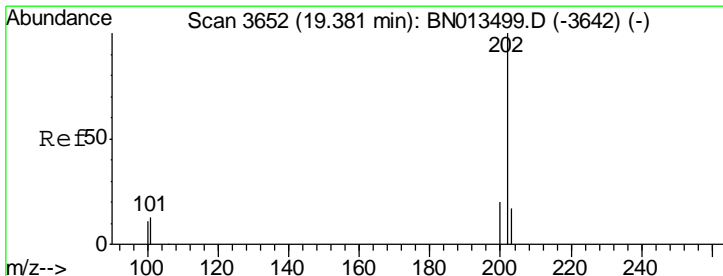
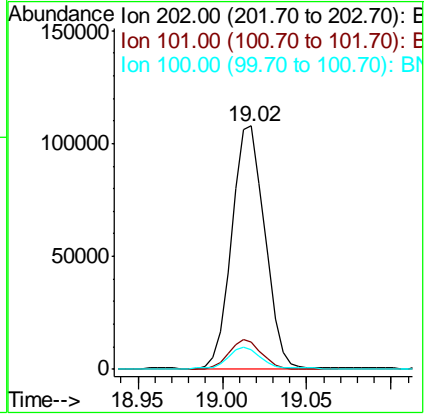
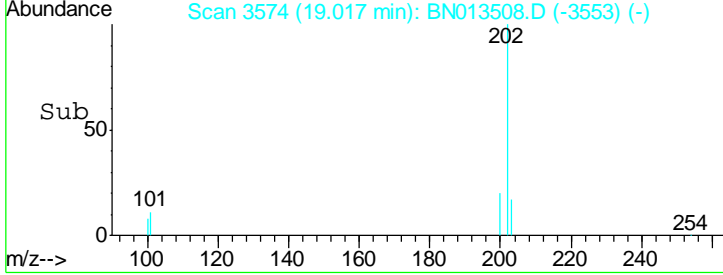
Instrument :
 BNA_N
ClientSampled :
 F1C13



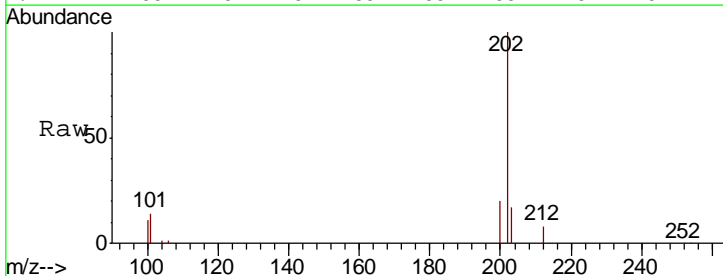
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.6
100	8.1	0.0	28.5

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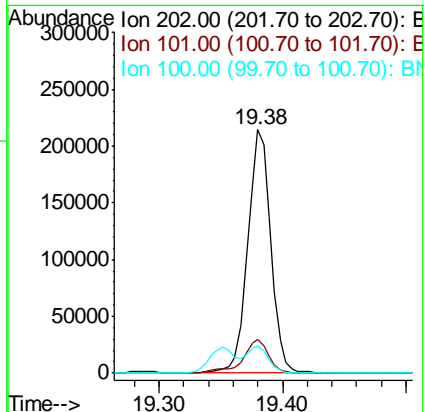
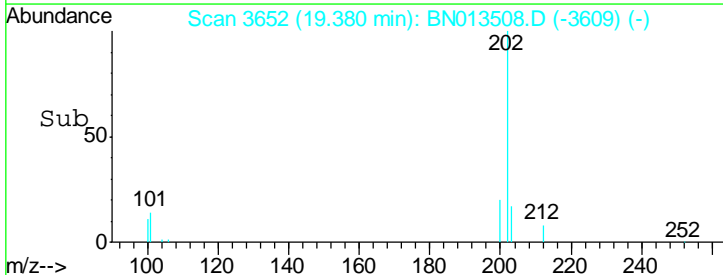
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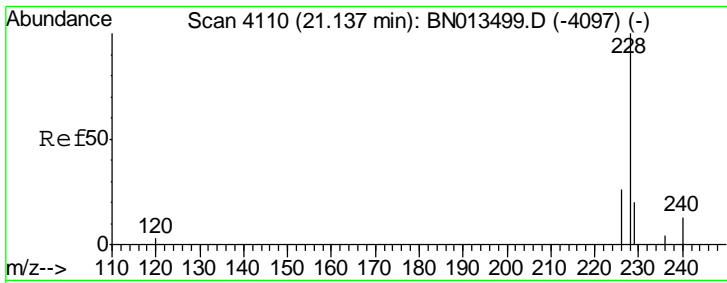


#17
 Pyrene
 Concen: 3.527 ng/ul
 RT: 19.38 min Scan# 3652
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22



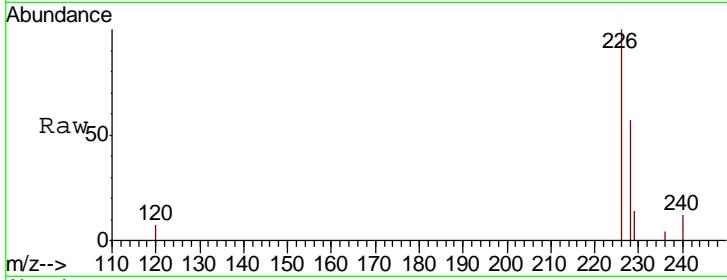
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.2	16.8
100	11.2	9.0	13.4





#18
 Benzo(a)anthracene
 Concen: 0.187 ng/ul
 RT: 21.14 min Scan# 4110
 Delta R.T. -0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

Instrument :
 BNA_N
 ClientSampled :
 F1C13

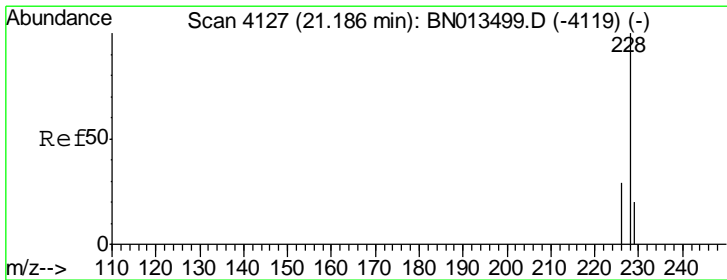
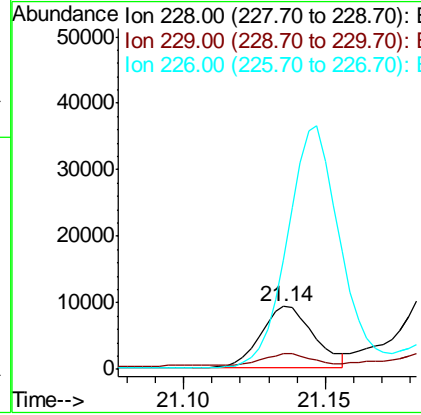
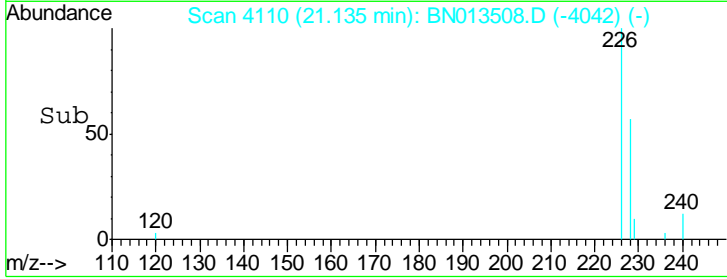


Tgt Ion: 228 Resp: 11873

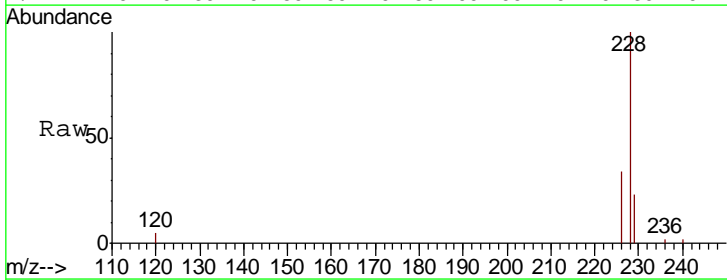
Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.6	23.4#
226	173.9	21.9	32.9#

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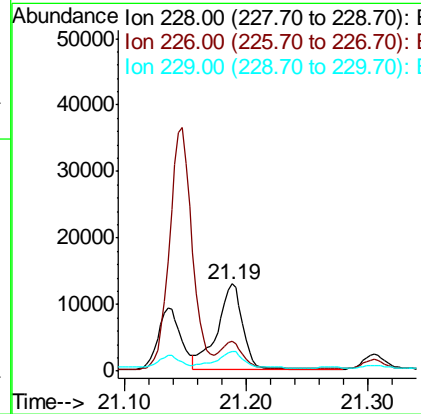
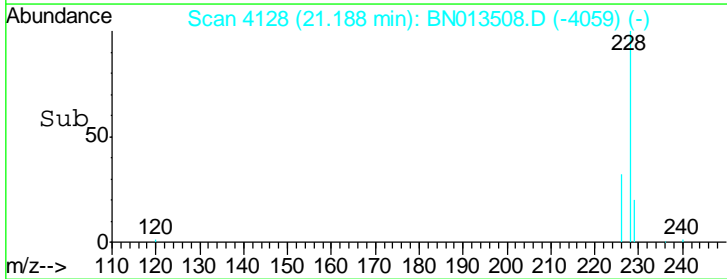


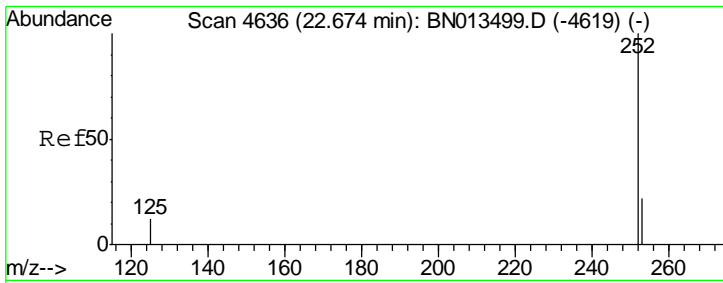
#19
 Chrysene
 Concen: 0.240 ng/ul
 RT: 21.19 min Scan# 4128
 Delta R.T. 0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22



Tgt Ion: 228 Resp: 19053

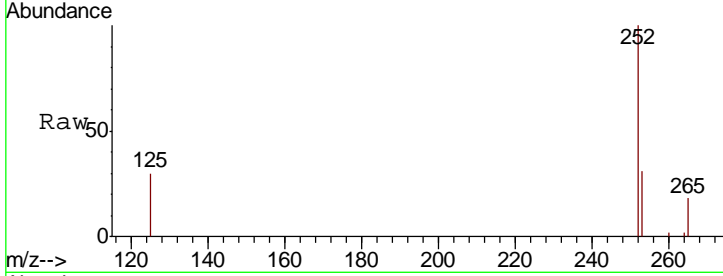
Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.0	36.0
229	22.9	15.8	23.8





#21
 Benzo(b)fluoranthene
 Concen: 0.193 ng/ul m
 RT: 22.68 min Scan# 4637
 Delta R.T. 0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

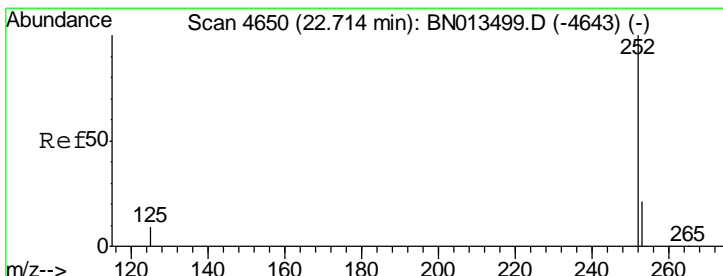
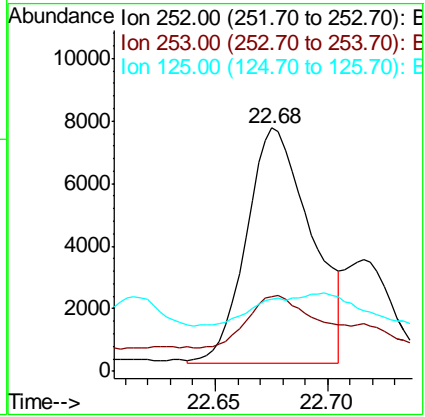
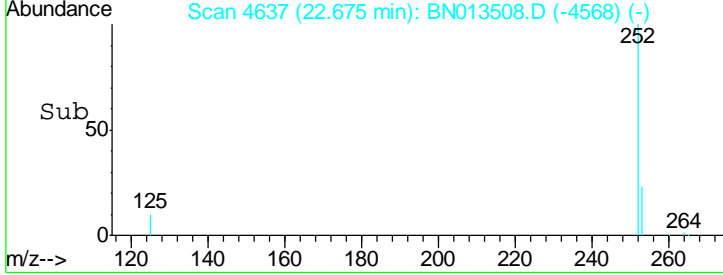
Instrument :
 BNA_N
 ClientSampled :
 F1C13



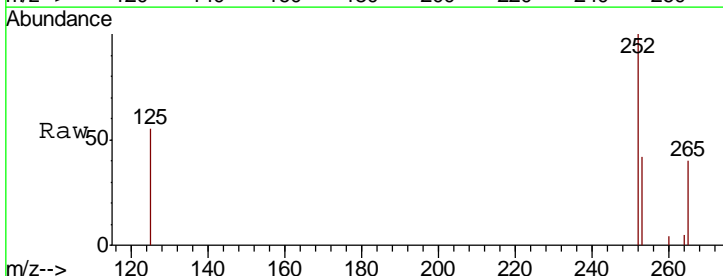
Tgt Ion: 252 Resp: 15070

Ion	Ratio	Lower	Upper
252	100		
253	30.7	0.0	47.4
125	29.8	0.0	26.8#

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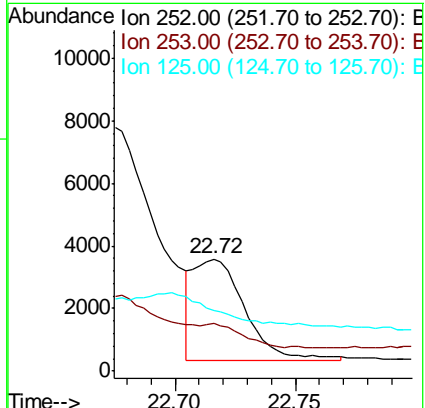
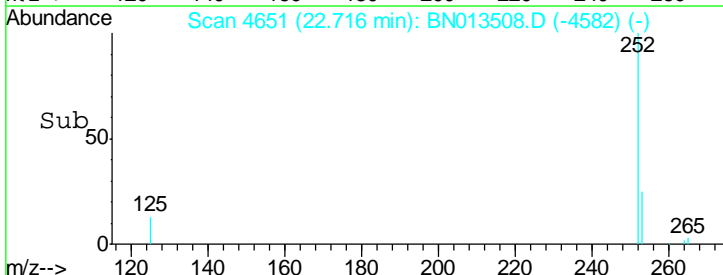


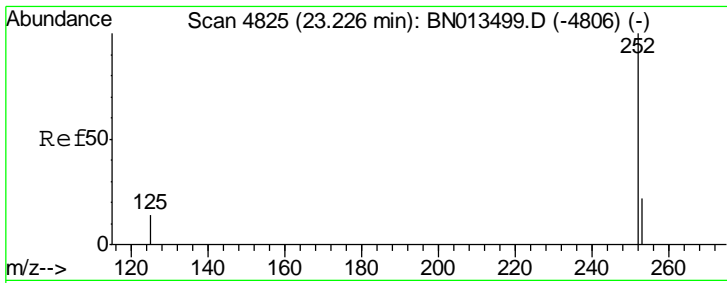
#22
 Benzo(k)fluoranthene
 Concen: 0.058 ng/ul m
 RT: 22.72 min Scan# 4651
 Delta R.T. 0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22



Tgt Ion: 252 Resp: 4846

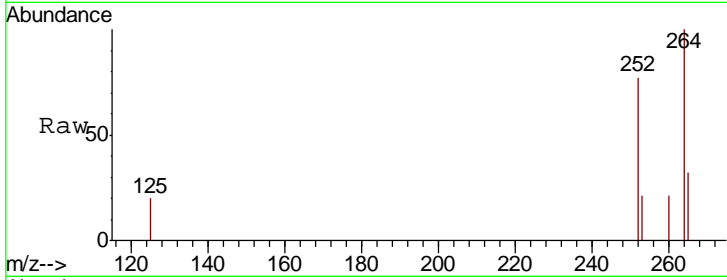
Ion	Ratio	Lower	Upper
252	100		
253	42.2	19.2	28.8#
125	54.5	11.4	17.2#





#23
 Benzo(a)pyrene
 Concen: 0.243 ng/ul
 RT: 23.23 min Scan# 4826
 Delta R.T. 0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

Instrument :
 BNA_N
 ClientSampled :
 F1C13

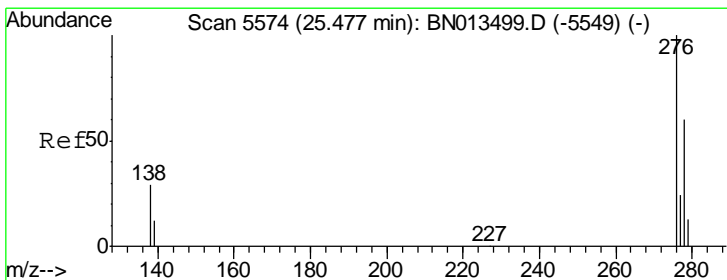
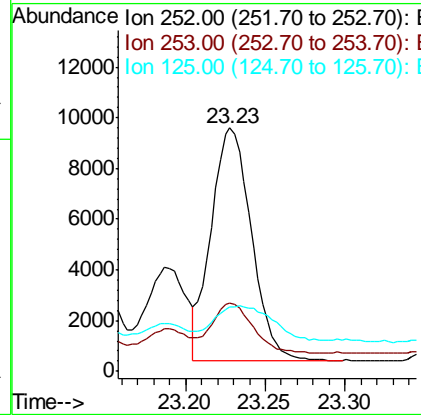
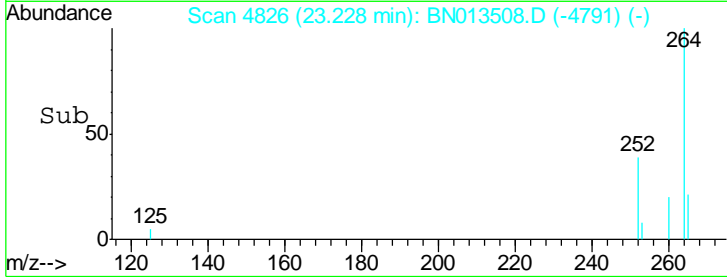


Tgt Ion: 252 Resp: 16113

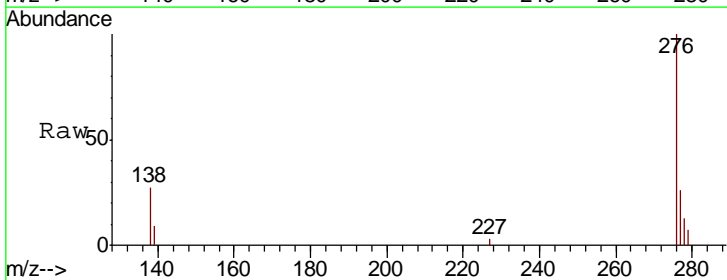
Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.1	30.1
125	26.5	13.1	19.7#

Manual Integrations
 APPROVED

mohammad
 1/28/2021 11:44:15 AM

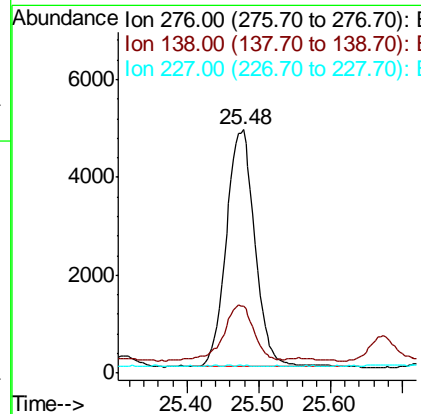
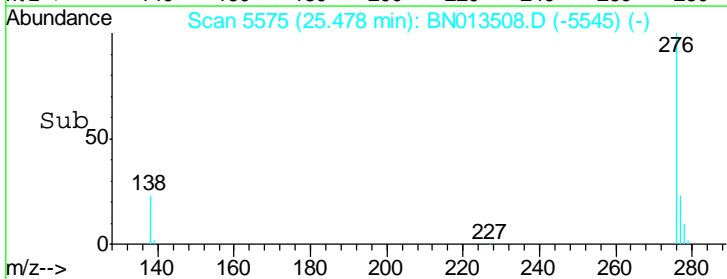


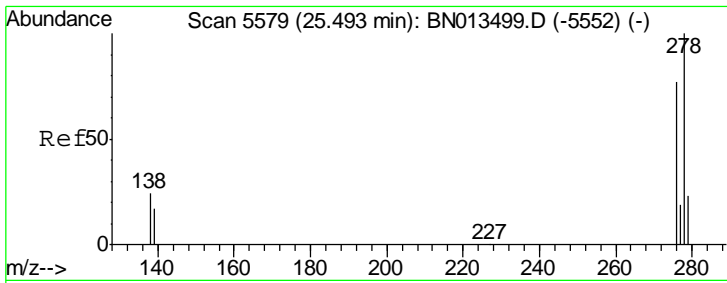
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.153 ng/ul
 RT: 25.48 min Scan# 5575
 Delta R.T. 0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22



Tgt Ion: 276 Resp: 13472

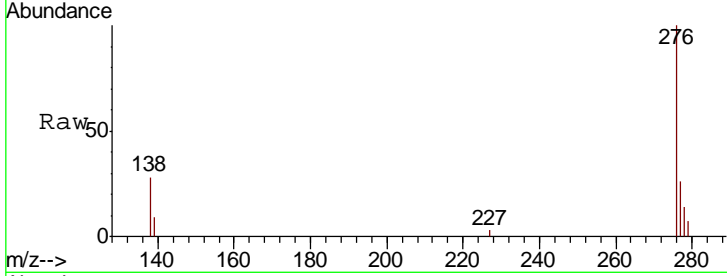
Ion	Ratio	Lower	Upper
276	100		
138	23.7	0.0	0.0#
227	0.2	0.0	0.0#





#25
 Dibenzo(a,h)anthracene
 Concen: 0.023 ng/ul
 RT: 25.48 min Scan# 5576
 Delta R.T. -0.01 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22

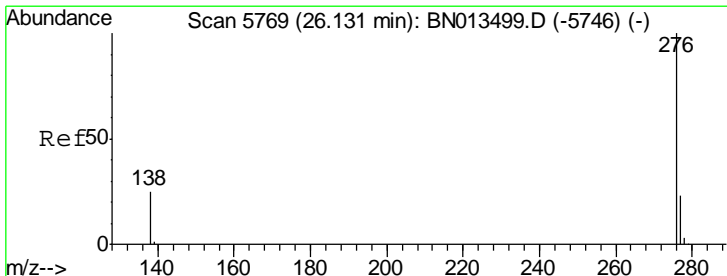
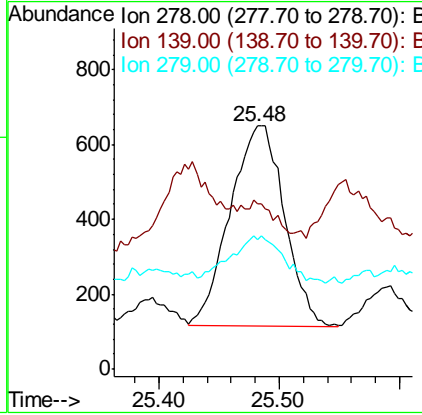
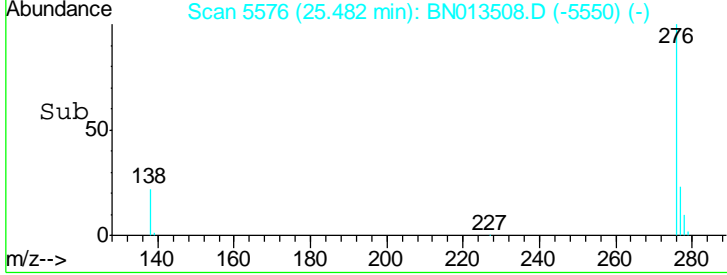
Instrument :
 BNA_N
 ClientSampled :
 F1C13



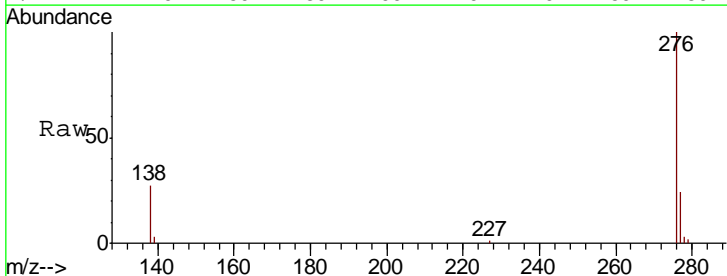
Tgt Ion: 278 Resp: 1667

Ion	Ratio	Lower	Upper
278	100		
139	67.8	16.5	24.7#
279	53.1	20.4	30.6#

Manual Integrations
 APPROVED
 mohammad
 1/28/2021 11:44:15 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.446 ng/ul
 RT: 26.13 min Scan# 5770
 Delta R.T. 0.00 min
 Lab File: BN013508.D
 Acq: 27 Jan 2021 15:22



Tgt Ion: 276 Resp: 34809

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.0	31.4
277	24.1	19.5	29.3

