

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012521\
 Data File : BN013481.D
 Acq On : 26 Jan 2021 01:30
 Operator : CG/JU
 Sample : SP5427
 Misc : SFAM SIM SPIKE
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5427

Quant Time: Jan 26 02:37:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 22:48:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

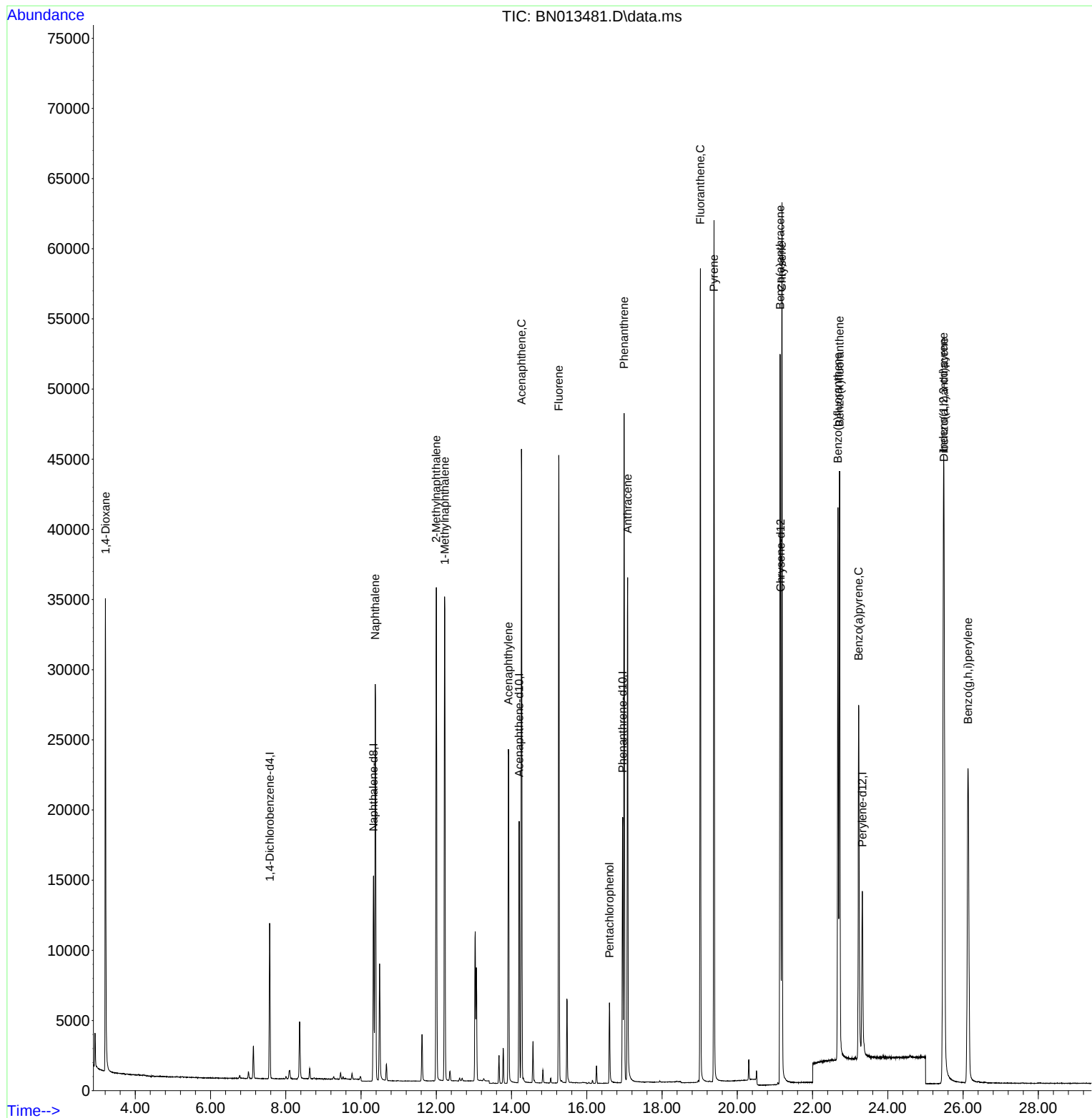
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.574	152	5499	0.40	ng/ul	0.00
4) Naphthalene-d8	10.334	136	19585	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.204	164	10252	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	21964	0.40	ng/ul	0.00
17) Chrysene-d12	21.151	240	19477	0.40	ng/ul	0.00
23) Perylene-d12	23.323	264	15594	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.00	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.00	ng/ul	
18) Fluoranthene-d10	0.000	212	0d	0.00	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.207	88	21153	3.77	ng/ul#	82
5) Naphthalene	10.378	128	37921	0.69	ng/ul	99
7) 2-Methylnaphthalene	12.001	142	24766	0.67	ng/ul	100
8) 1-Methylnaphthalene	12.226	142	23845	0.67	ng/ul	100
10) Acenaphthylene	13.917	152	27889	0.65	ng/ul	99
11) Acenaphthene	14.264	153	25021	0.68	ng/ul	100
12) Fluorene	15.254	166	28564	0.70	ng/ul	98
14) Pentachlorophenol	16.603	266	3835	1.45	ng/ul	99
15) Phenanthrene	16.992	178	47936	0.68	ng/ul	100
16) Anthracene	17.085	178	39686	0.69	ng/ul	99
19) Fluoranthene	19.019	202	48617	0.63	ng/ul	100
20) Pyrene	19.381	202	50617	0.65	ng/ul	99
21) Benzo(a)anthracene	21.137	228	41447	0.68	ng/ul	99
22) Chrysene	21.186	228	51130	0.67	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	47410	0.70	ng/ul	98
25) Benzo(k)fluoranthene	22.717	252	49001	0.69	ng/ul	97
26) Benzo(a)pyrene	23.226	252	36546	0.68	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.480	276	51808	0.69	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.493	278	42759	0.70	ng/ul	98
29) Benzo(g,h,i)perylene	26.134	276	45554	0.68	ng/ul	98

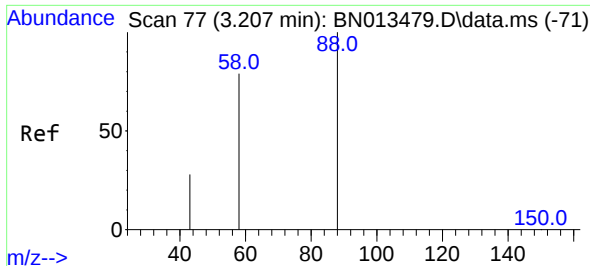
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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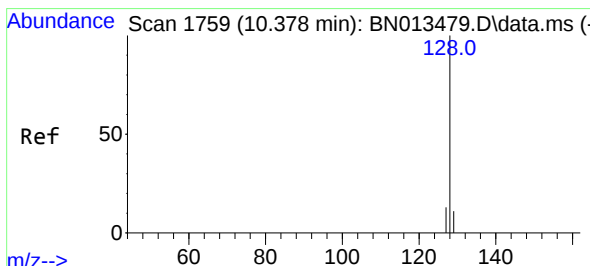
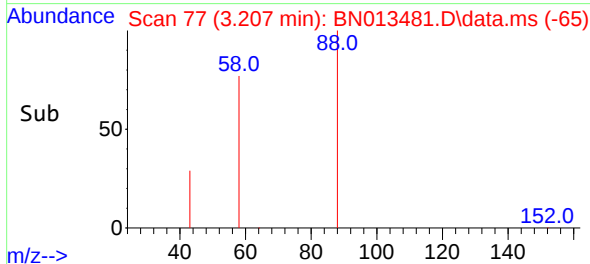
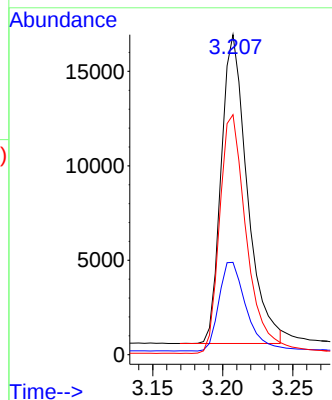
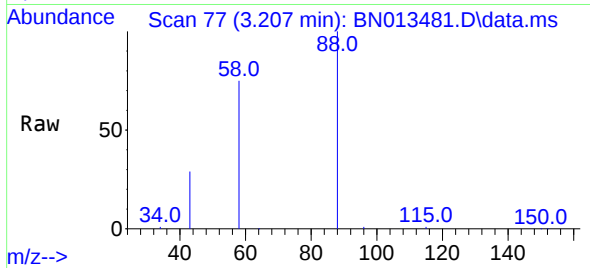




#2
1,4-Dioxane
Concen: 3.77 ng/ul
RT: 3.207 min Scan# 77
Delta R.T. -0.000 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

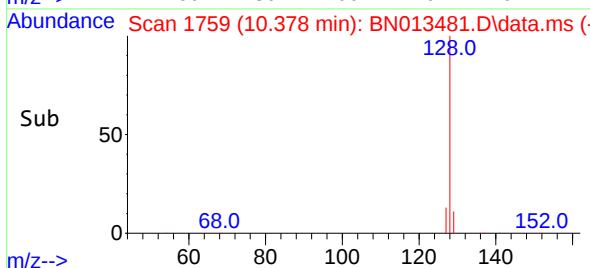
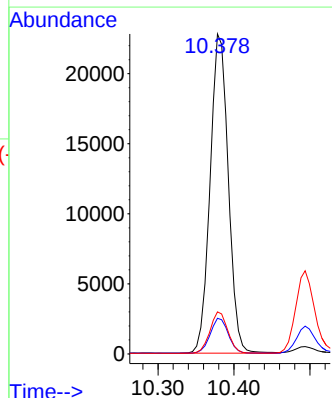
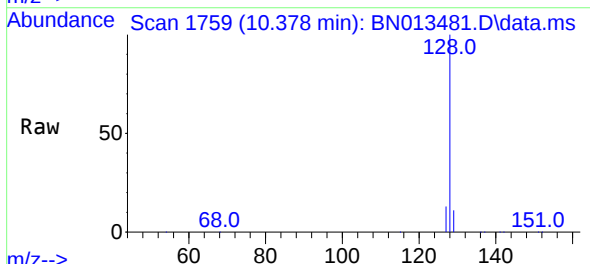
Instrument :
BNA_N
ClientSampleId :
SP5427

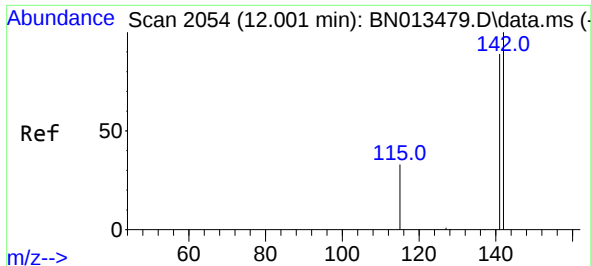
Tgt Ion: 88 Resp: 21153
Ion Ratio Lower Upper
88 100
43 28.9 26.9 40.3
58 75.0 45.8 68.6#



#5
Naphthalene
Concen: 0.69 ng/ul
RT: 10.378 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:128 Resp: 37921
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.7 16.1

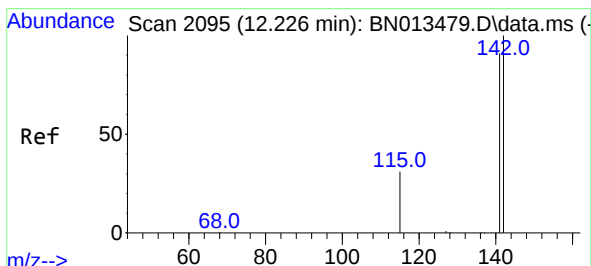
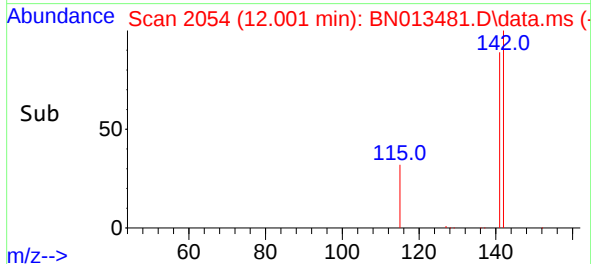
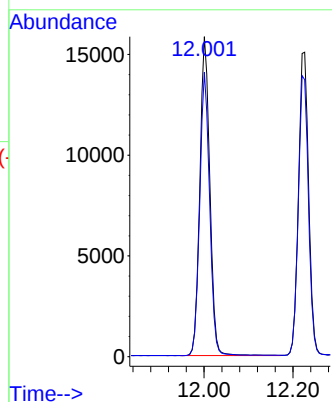
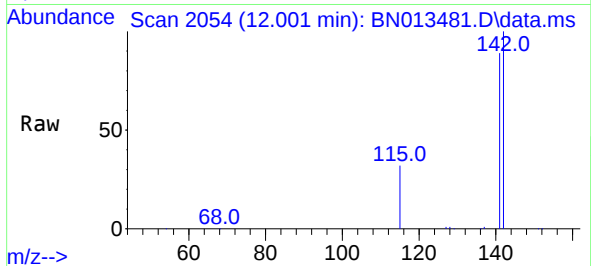




#7
2-Methylnaphthalene
Concen: 0.67 ng/ul
RT: 12.001 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

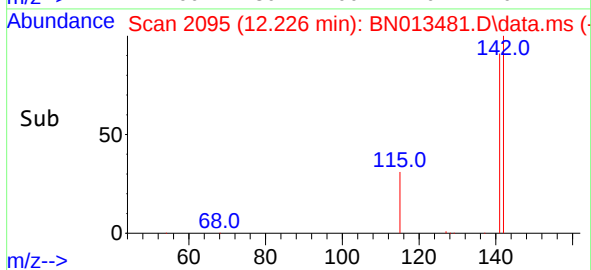
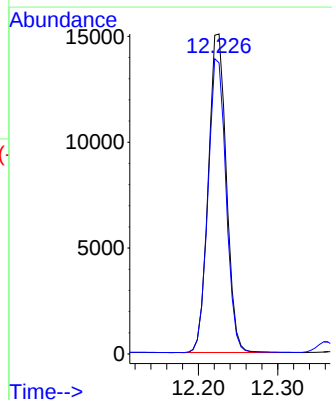
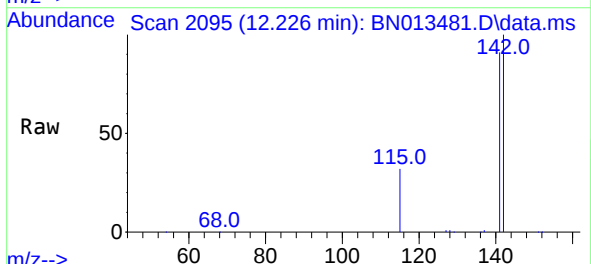
Instrument :
BNA_N
ClientSampleID :
SP5427

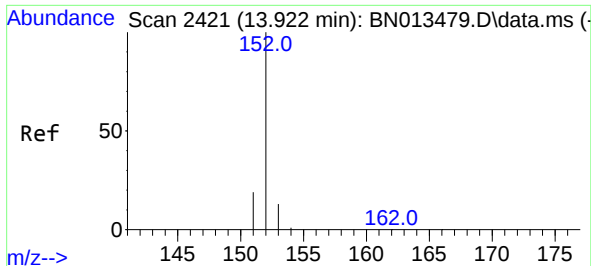
Tgt Ion:142 Resp: 24766
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.67 ng/ul
RT: 12.226 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:142 Resp: 23845
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9

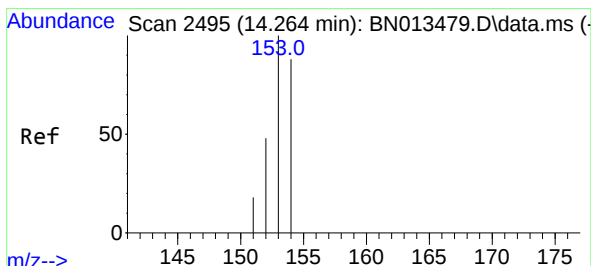
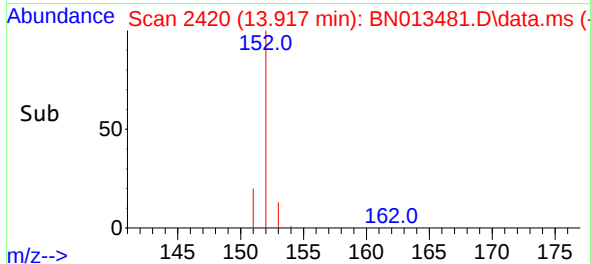
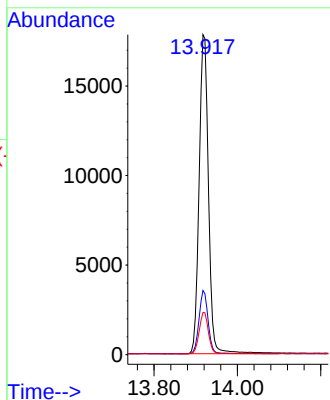
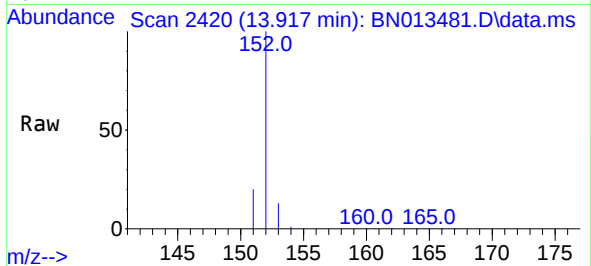




#10
Acenaphthylene
Concen: 0.65 ng/ul
RT: 13.917 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

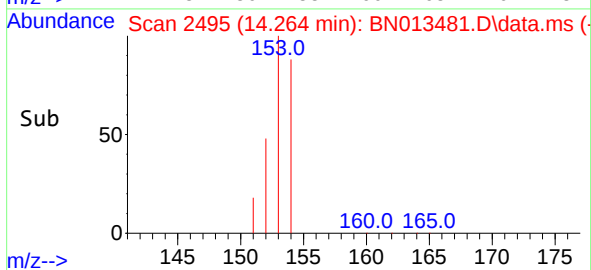
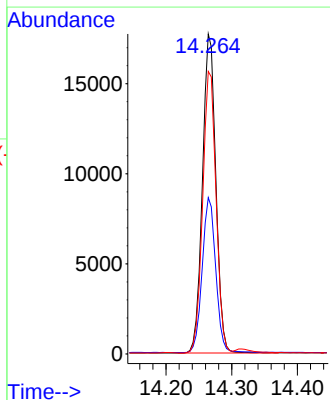
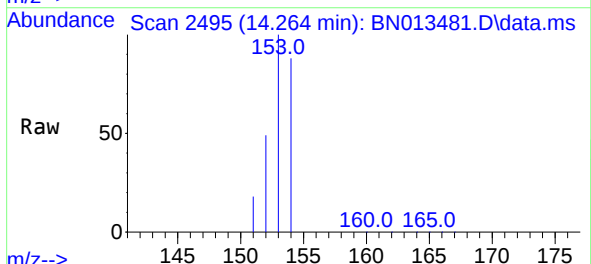
Instrument :
BNA_N
ClientSampleId :
SP5427

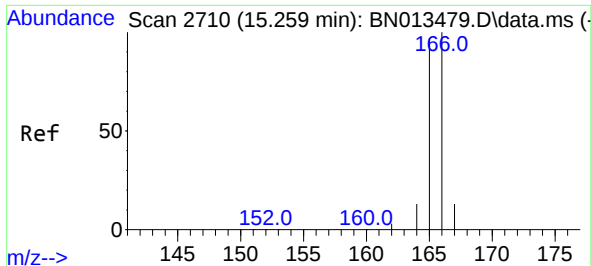
Tgt Ion:	152	Resp:	27889
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.6
153	13.2	10.7	16.1



#11
Acenaphthene
Concen: 0.68 ng/ul
RT: 14.264 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:	153	Resp:	25021
Ion Ratio	Lower	Upper	
153	100		
152	48.9	38.9	58.3
154	88.3	71.0	106.6

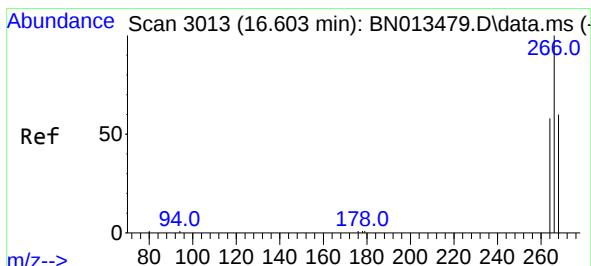
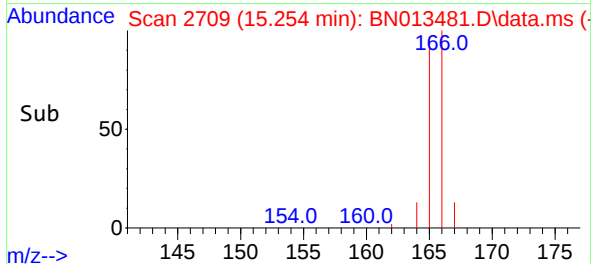
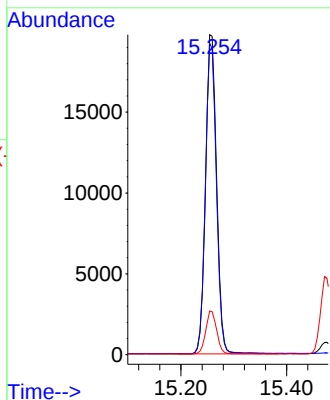
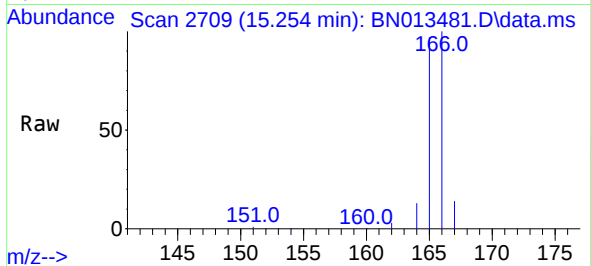




#12
Fluorene
Concen: 0.70 ng/ul
RT: 15.254 min Scan# 2709
Delta R.T. -0.005 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

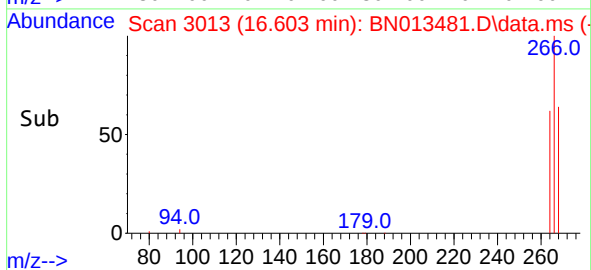
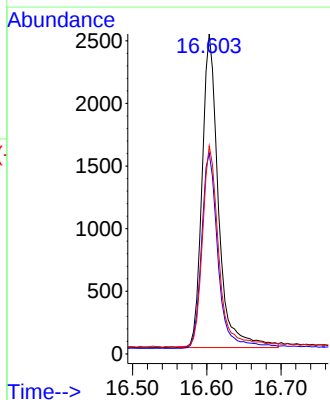
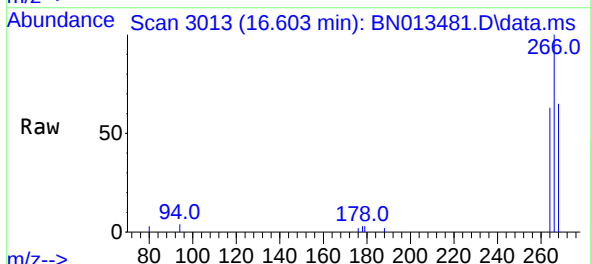
Instrument :
BNA_N
ClientSampleId :
SP5427

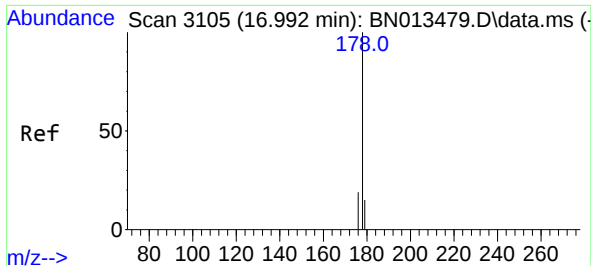
Tgt Ion:	166	Resp:	28564
Ion Ratio	Lower	Upper	
166	100		
165	97.3	76.1	114.1
167	13.7	11.0	16.6



#14
Pentachlorophenol
Concen: 1.45 ng/ul
RT: 16.603 min Scan# 3013
Delta R.T. -0.008 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:	266	Resp:	3835
Ion Ratio	Lower	Upper	
266	100		
264	63.1	50.0	75.0
268	64.3	52.6	79.0

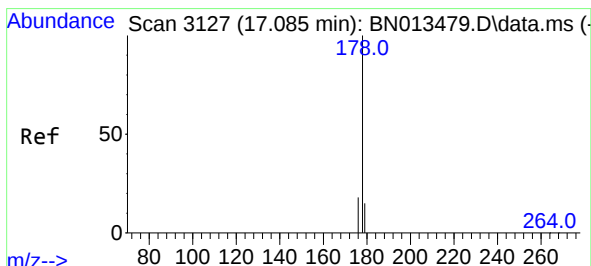
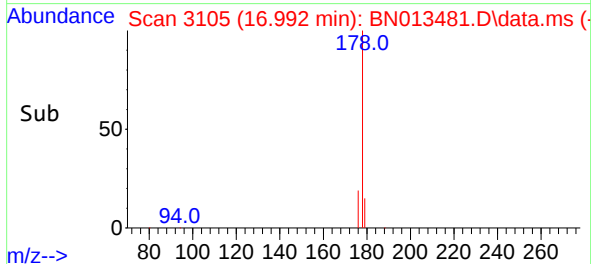
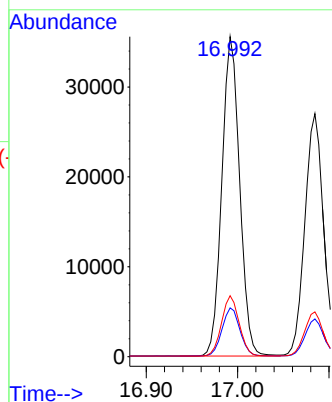
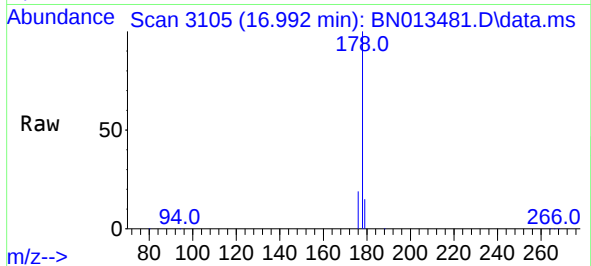




#15
Phenanthrene
Concen: 0.68 ng/ul
RT: 16.992 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

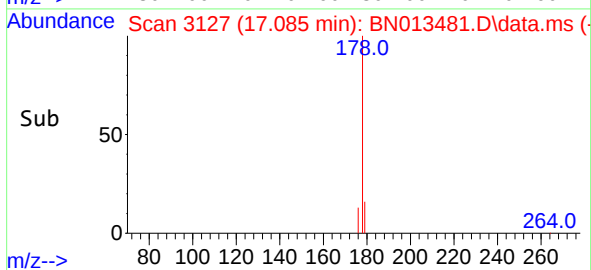
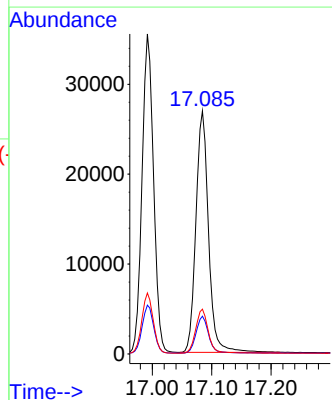
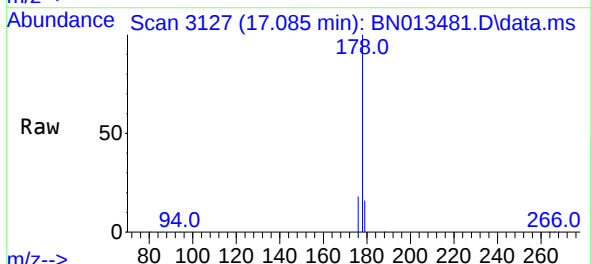
Instrument :
BNA_N
ClientSampled :
SP5427

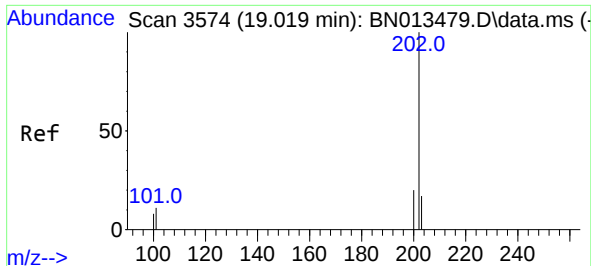
Tgt Ion:178	Resp:	47936
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.3 18.5
176	19.1	15.4 23.0



#16
Anthracene
Concen: 0.69 ng/ul
RT: 17.085 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:178	Resp:	39686
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.6 18.8
176	18.4	14.4 21.6

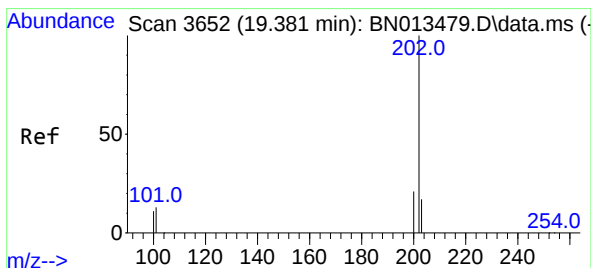
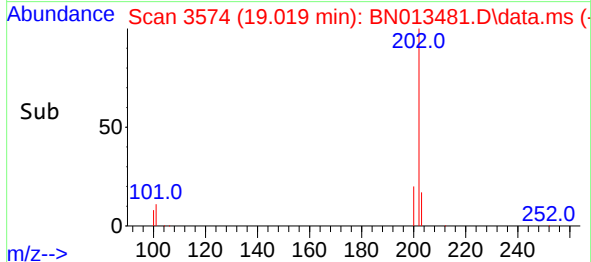
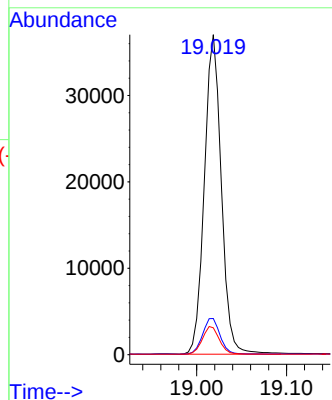
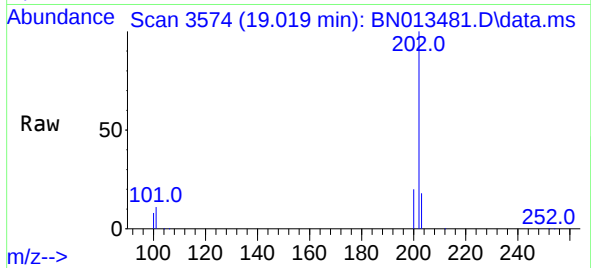




#19
Fluoranthene
Concen: 0.63 ng/ul
RT: 19.019 min Scan# 3574
Delta R.T. -0.000 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

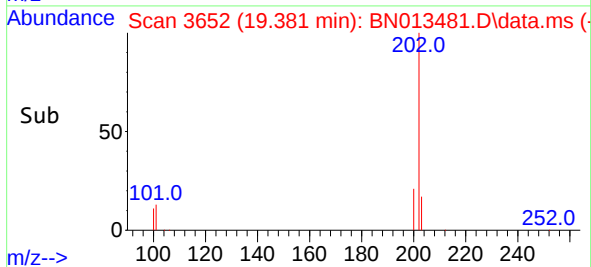
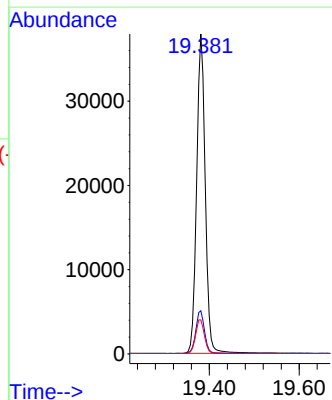
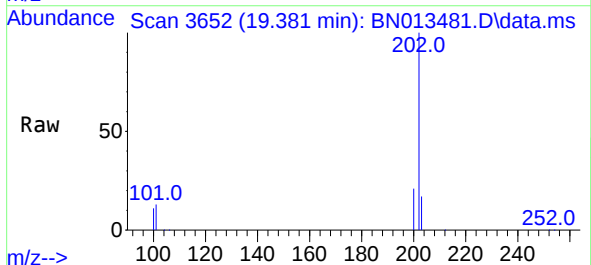
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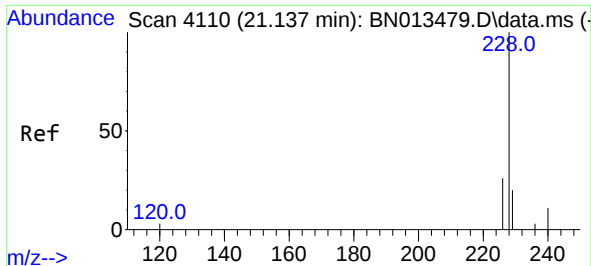
Tgt Ion:202	Resp:	48617
Ion Ratio	Lower	Upper
202	100	
101	11.3	8.9 13.3
100	8.4	6.6 10.0



#20
Pyrene
Concen: 0.65 ng/ul
RT: 19.381 min Scan# 3652
Delta R.T. -0.005 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:202	Resp:	50617
Ion Ratio	Lower	Upper
202	100	
101	13.5	10.3 15.5
100	10.6	8.6 13.0



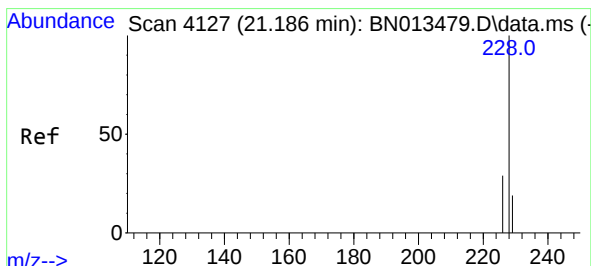
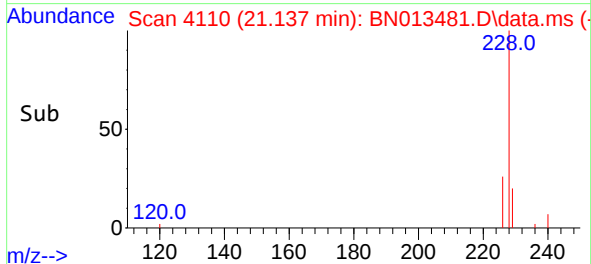
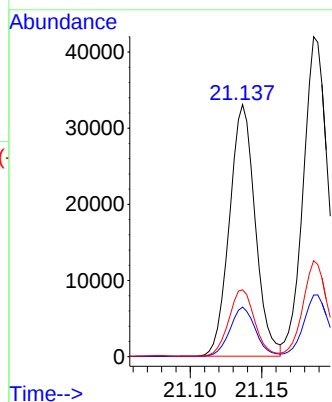
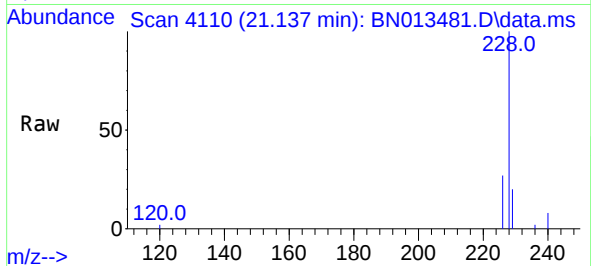


#21
Benzo(a)anthracene
Concen: 0.68 ng/ul
RT: 21.137 min Scan# 4110
Delta R.T. -0.003 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Instrument :
BNA_N
ClientSampleId :
SP5427

Tgt Ion:228 Resp: 41447

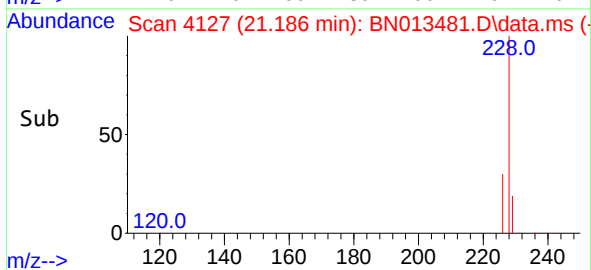
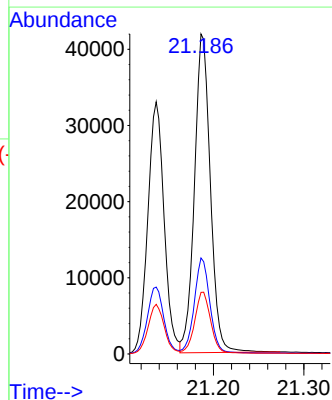
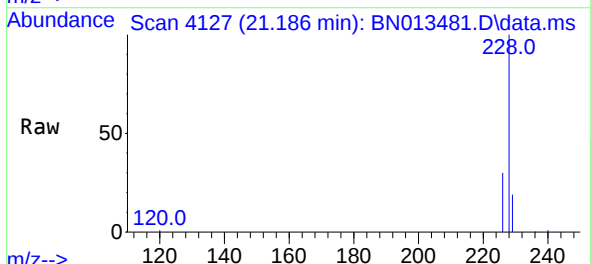
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.5	23.3
226	26.5	21.6	32.4

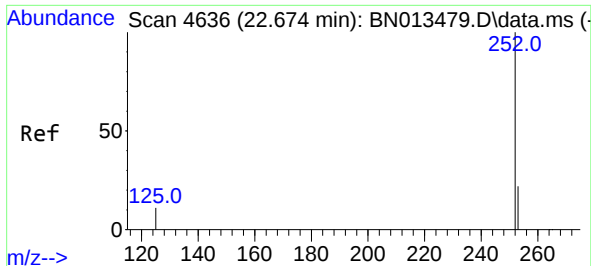


#22
Chrysene
Concen: 0.67 ng/ul
RT: 21.186 min Scan# 4127
Delta R.T. -0.006 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:228 Resp: 51130

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.3	15.8	23.8

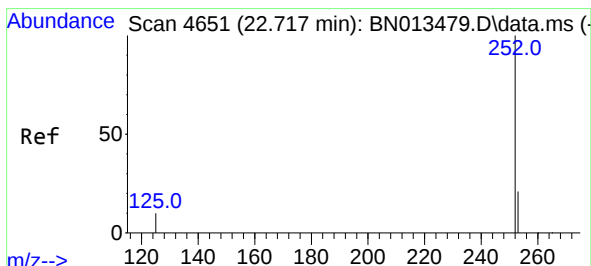
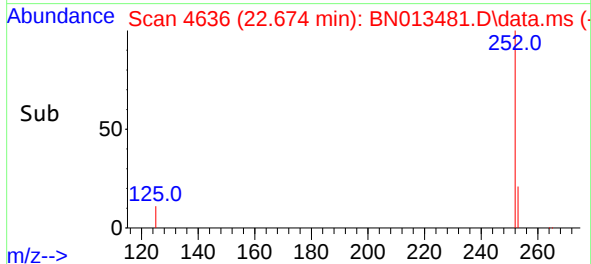
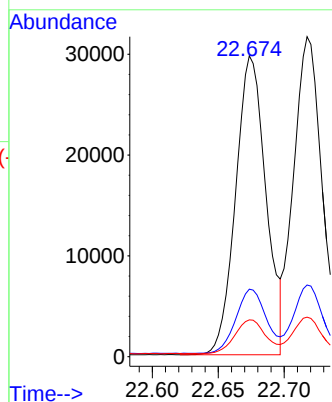
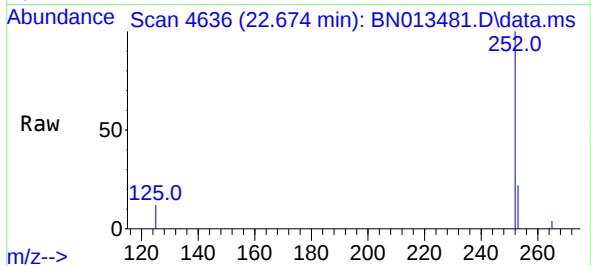




#24
Benzo(b)fluoranthene
Concen: 0.70 ng/ul
RT: 22.674 min Scan# 4636
Delta R.T. -0.006 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

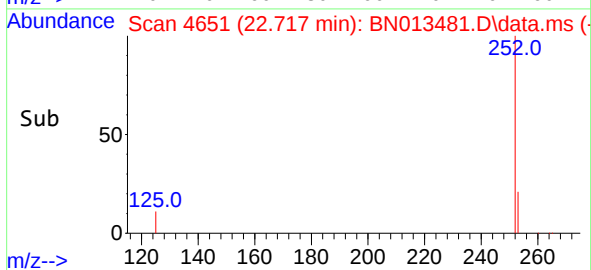
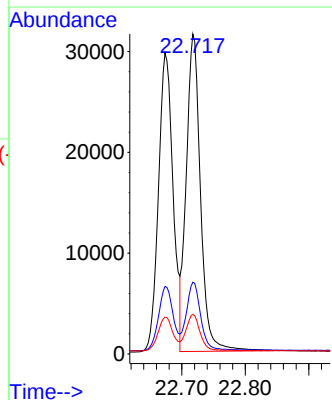
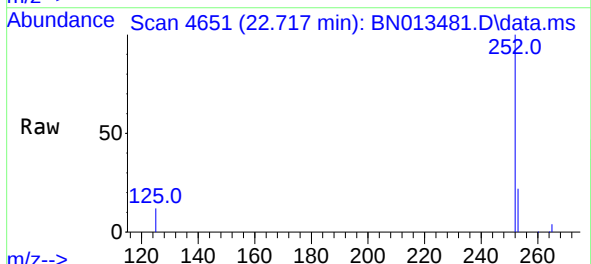
Instrument :
BNA_N
ClientSampleId :
SP5427

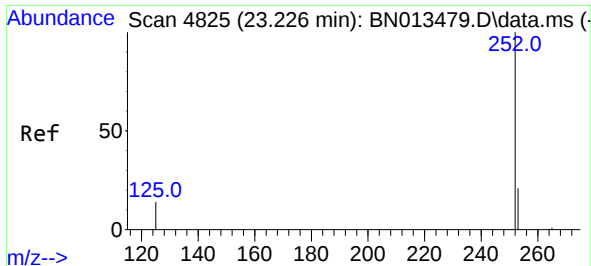
Tgt Ion:252 Resp: 47410
Ion Ratio Lower Upper
252 100
253 22.4 0.0 46.6
125 12.2 0.0 27.2



#25
Benzo(k)fluoranthene
Concen: 0.69 ng/ul
RT: 22.717 min Scan# 4651
Delta R.T. -0.006 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:252 Resp: 49001
Ion Ratio Lower Upper
252 100
253 22.4 19.0 28.4
125 12.4 11.3 16.9

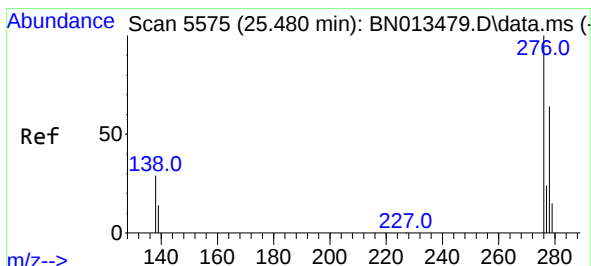
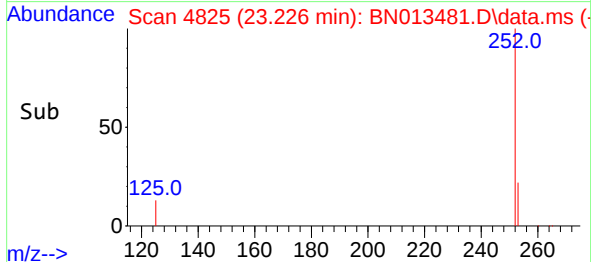
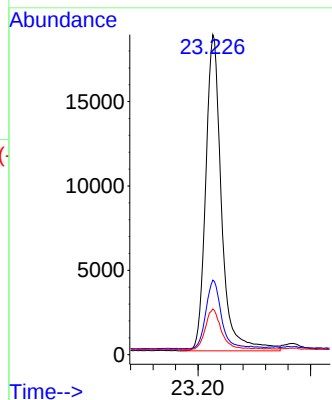
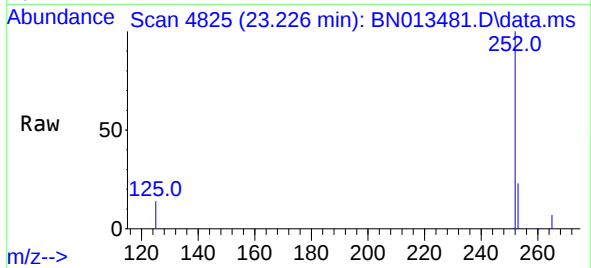




#26
Benzo(a)pyrene
Concen: 0.68 ng/ul
RT: 23.226 min Scan# 4825
Delta R.T. -0.009 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

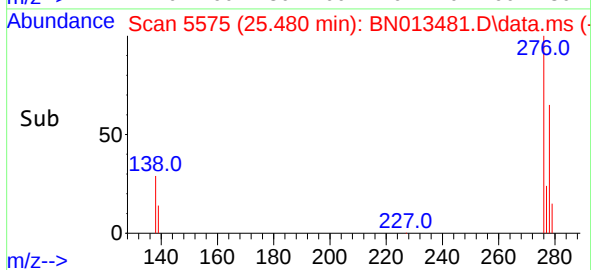
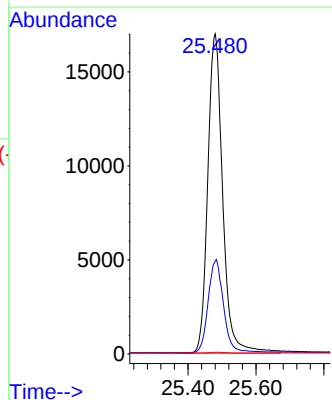
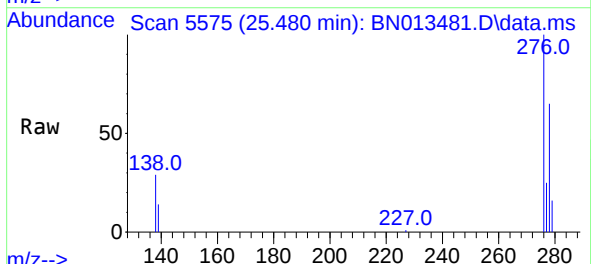
Instrument :
BNA_N
ClientSampleId :
SP5427

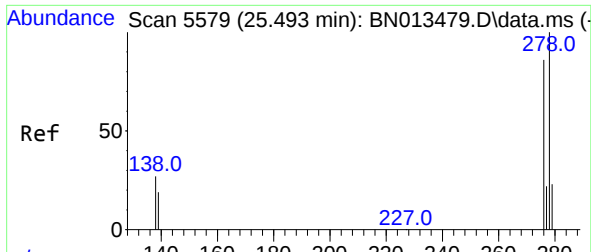
Tgt Ion:252	Resp:	36546
Ion Ratio	Lower	Upper
252	100	
253	23.3	19.8 29.8
125	14.3	13.1 19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.69 ng/ul
RT: 25.480 min Scan# 5575
Delta R.T. -0.010 min
Lab File: BN013481.D
Acq: 26 Jan 2021 01:30

Tgt Ion:276	Resp:	51808
Ion Ratio	Lower	Upper
276	100	
138	30.1	17.2 25.8#
227	0.2	0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.70 ng/ul

RT: 25.493 min Scan# 5579

Delta R.T. -0.010 min

Lab File: BN013481.D

Acq: 26 Jan 2021 01:30

Instrument :

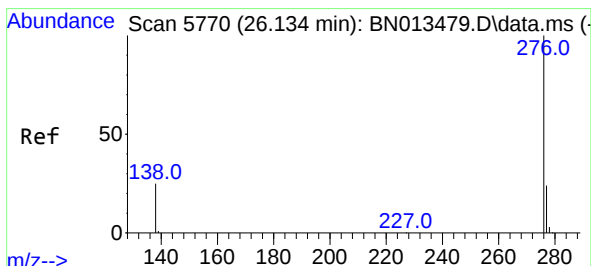
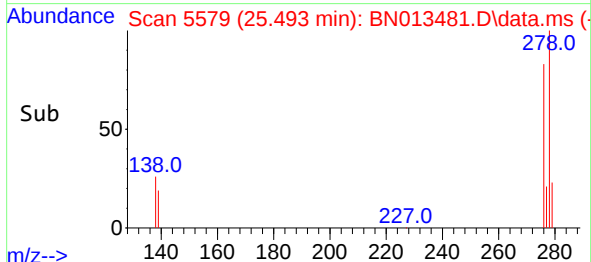
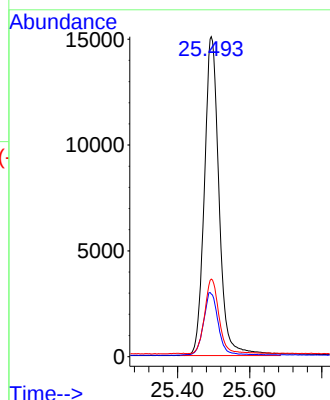
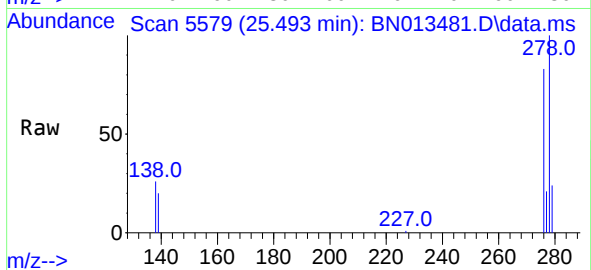
BNA_N

ClientSampleId :

SP5427

Tgt Ion:278 Resp: 42759

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.2	24.2
279	24.3	20.3	30.5



#29

Benzo(g,h,i)perylene

Concen: 0.68 ng/ul

RT: 26.134 min Scan# 5770

Delta R.T. -0.010 min

Lab File: BN013481.D

Acq: 26 Jan 2021 01:30

Tgt Ion:276 Resp: 45554

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.2	30.2
277	23.6	19.7	29.5

