

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016066.D
 Acq On : 25 Aug 2021 19:52
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV207

Quant Time: Aug 26 02:03:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 02:01:41 2021
 Response via : Initial Calibration

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

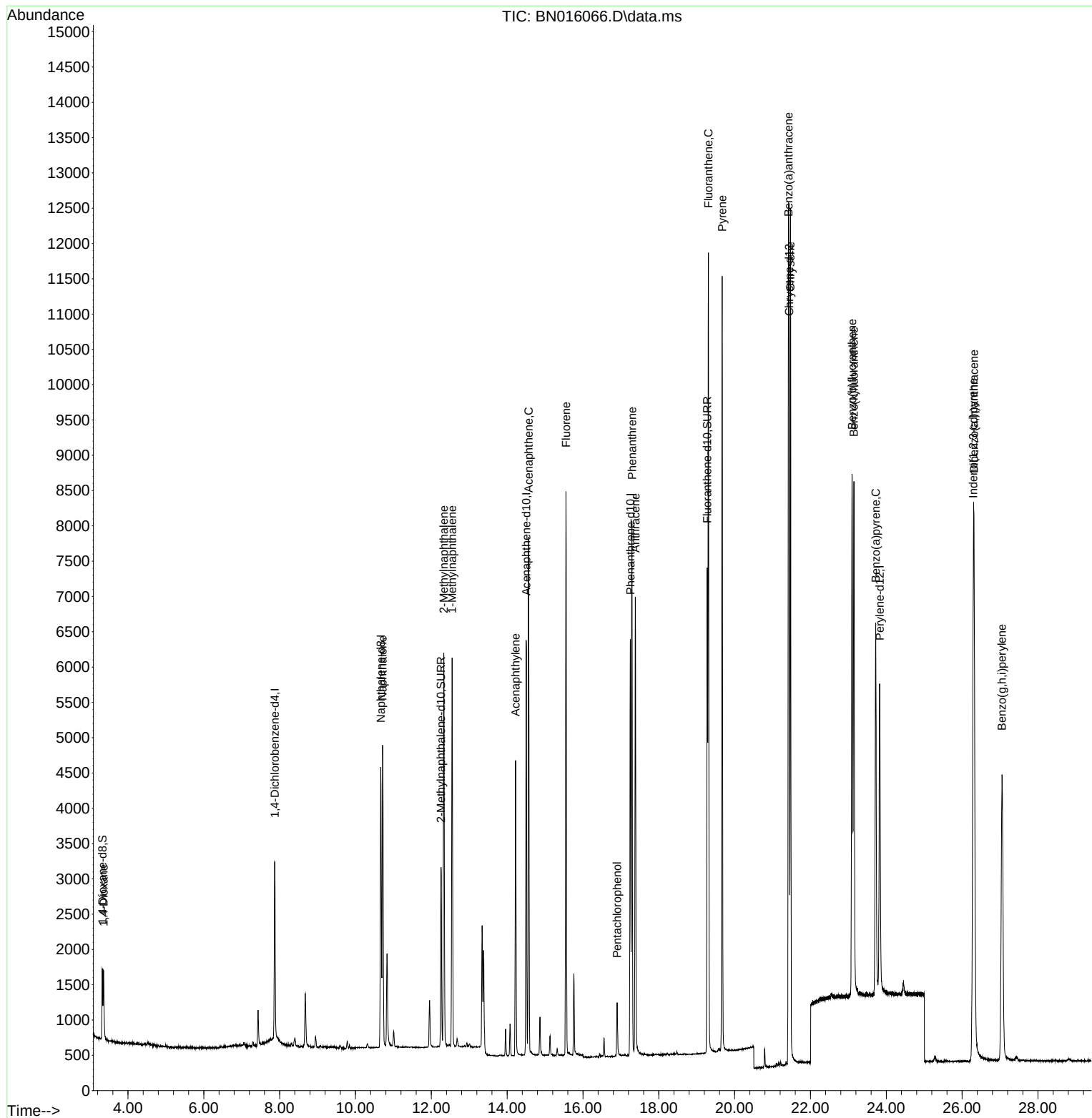
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	1372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	5679	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	3440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	7510	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	7521	0.400	ng/ul	0.00
23) Perylene-d12	23.827	264	6507	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	758	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3485	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	8159	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	760	0.405	ng/ul	97
5) Naphthalene	10.716	128	6299	0.429	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	4277	0.431	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	3953	0.407	ng/ul	99
10) Acenaphthylene	14.224	152	5141	0.423	ng/ul	99
11) Acenaphthene	14.566	153	4424	0.422	ng/ul	99
12) Fluorene	15.552	166	5226	0.421	ng/ul	98
14) Pentachlorophenol	16.900	266	598	0.380	ng/ul	98
15) Phenanthrene	17.293	178	8658	0.418	ng/ul	99
16) Anthracene	17.381	178	7581	0.424	ng/ul	99
19) Fluoranthene	19.308	202	10015	0.426	ng/ul	99
20) Pyrene	19.671	202	10133	0.428	ng/ul	99
21) Benzo(a)anthracene	21.419	228	9858	0.421	ng/ul	99
22) Chrysene	21.474	228	10760	0.427	ng/ul	99
24) Benzo(b)fluoranthene	23.096	252	10533	0.434	ng/ul	99
25) Benzo(k)fluoranthene	23.146	252	10321	0.422	ng/ul	99
26) Benzo(a)pyrene	23.719	252	8846	0.433	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.297	276	11479	0.425	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.313	278	9654	0.425	ng/ul	99
29) Benzo(g,h,i)perylene	27.051	276	9774	0.420	ng/ul	98

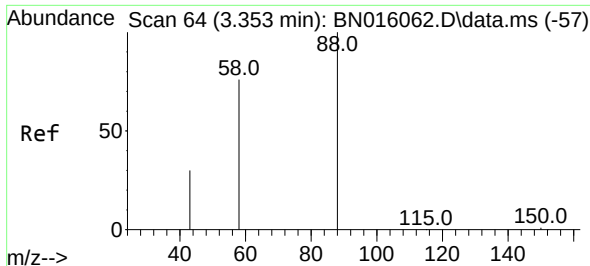
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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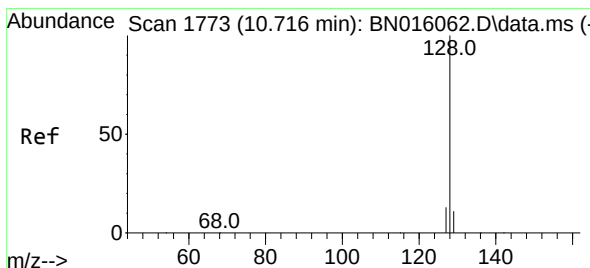
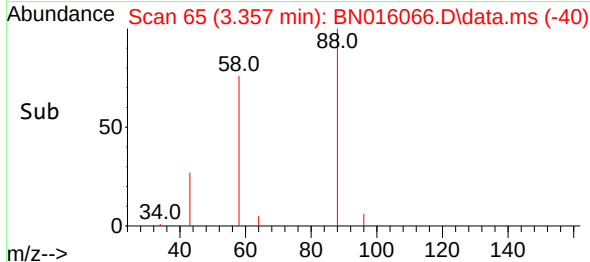
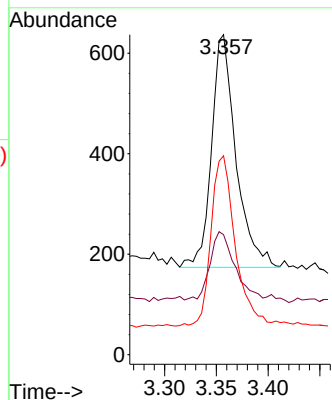
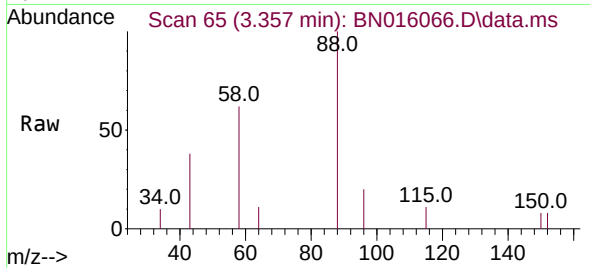




#2
1,4-Dioxane
Concen: 0.405 ng/ul
RT: 3.357 min Scan# 65
Delta R.T. 0.004 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

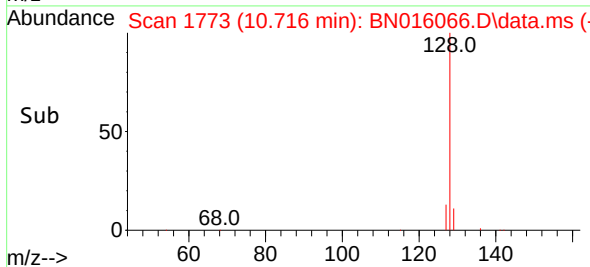
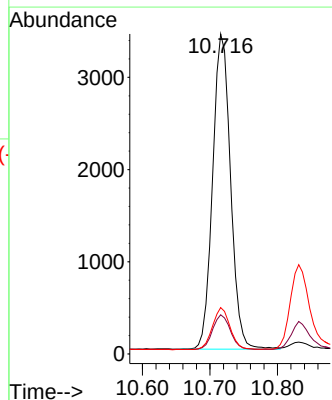
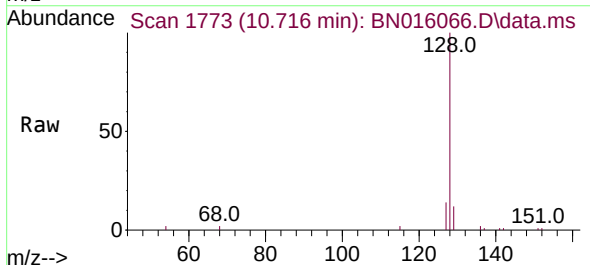
Instrument :
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SICV207

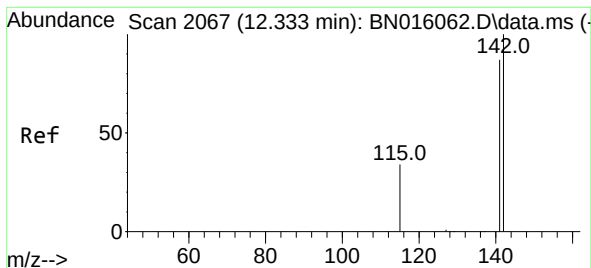
Tgt Ion: 88 Resp: 760
Ion Ratio Lower Upper
88 100
43 37.5 33.6 50.4
58 62.2 49.4 74.2



#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

Tgt Ion:128 Resp: 6299
Ion Ratio Lower Upper
128 100
129 12.2 9.7 14.5
127 14.5 11.1 16.7

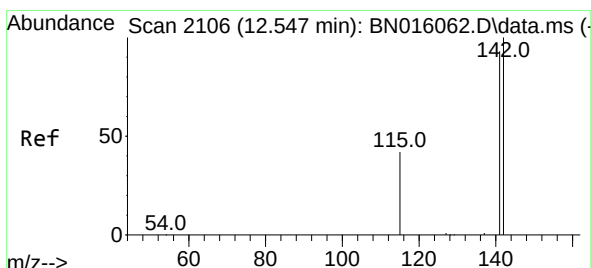
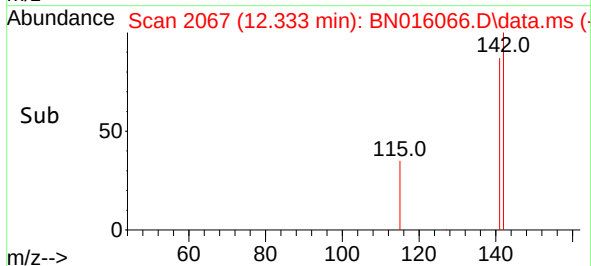
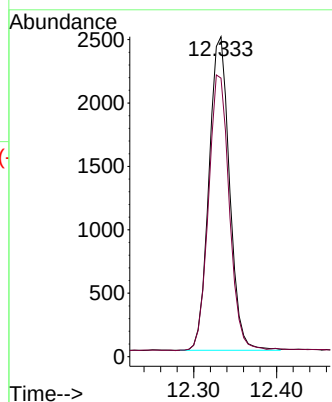
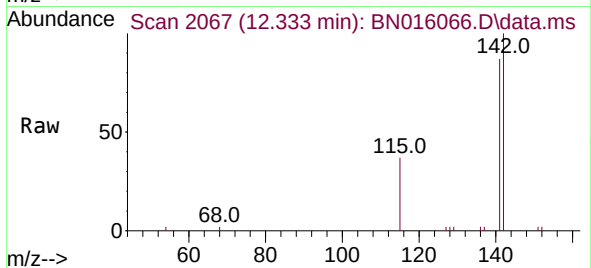




#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

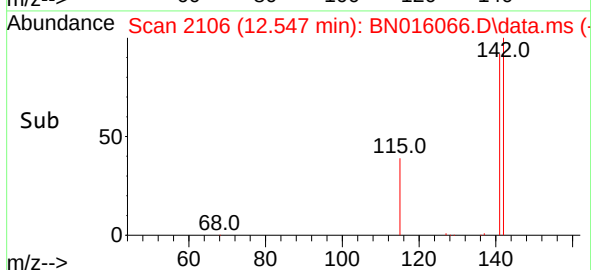
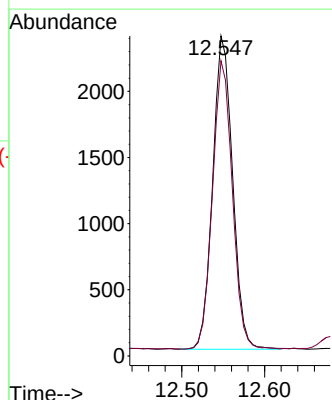
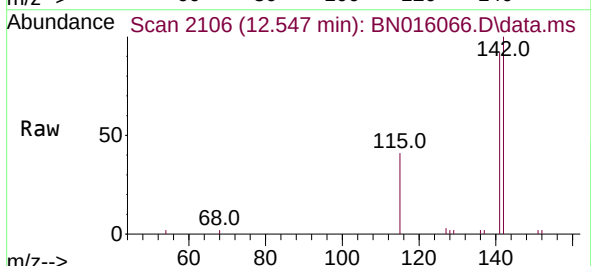
Instrument :
BNA_N
ClientSampled :
SICV207

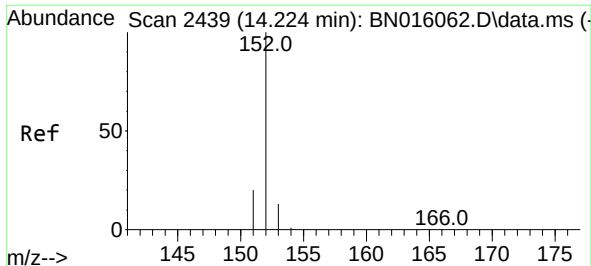
Tgt Ion:142 Resp: 4277
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

Tgt Ion:142 Resp: 3953
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2

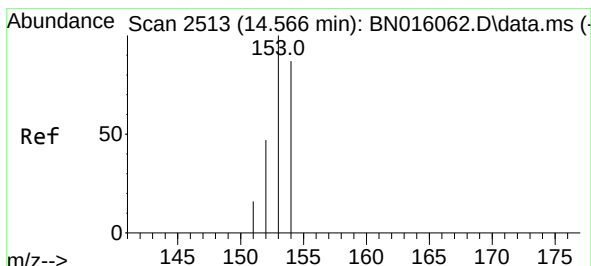
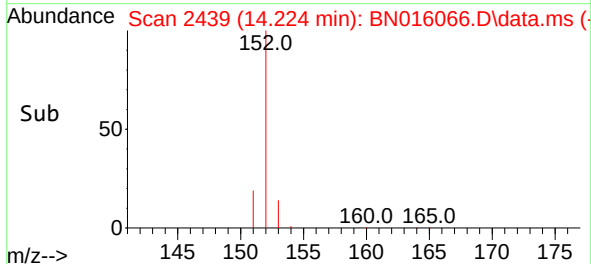
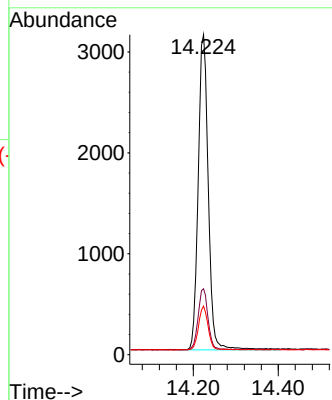
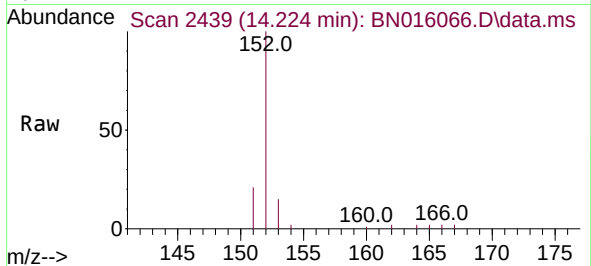




#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

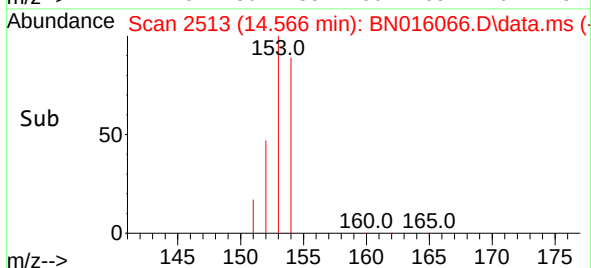
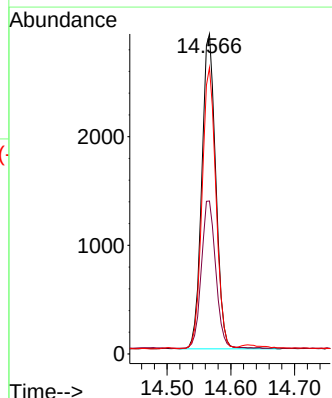
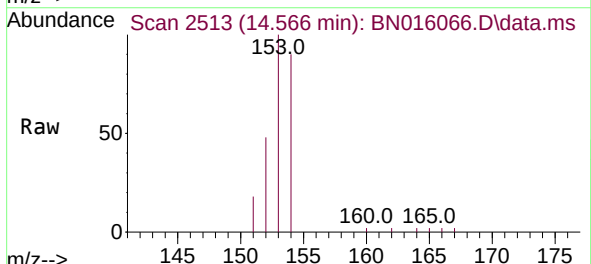
Instrument :
BNA_N
ClientSampleId :
SICV207

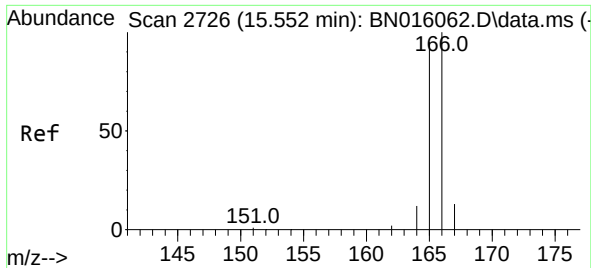
Tgt Ion:152	Resp:	5141
Ion Ratio	Lower	Upper
152	100	
151	20.6	17.0 25.6
153	15.2	11.8 17.6



#11
Acenaphthene
Concen: 0.422 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

Tgt Ion:153	Resp:	4424
Ion Ratio	Lower	Upper
153	100	
152	47.8	38.3 57.5
154	89.5	70.2 105.2

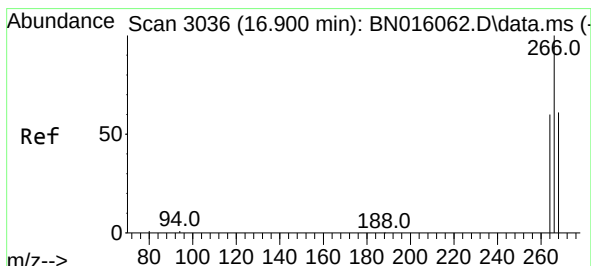
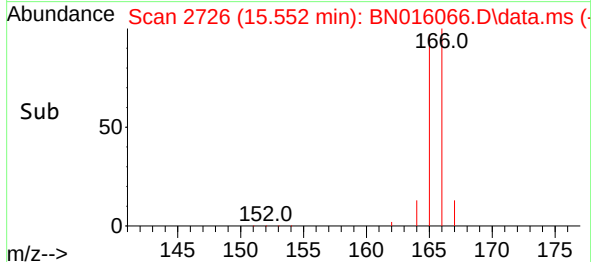
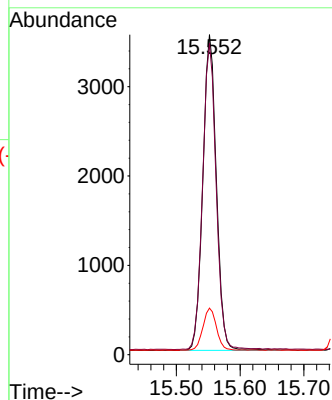
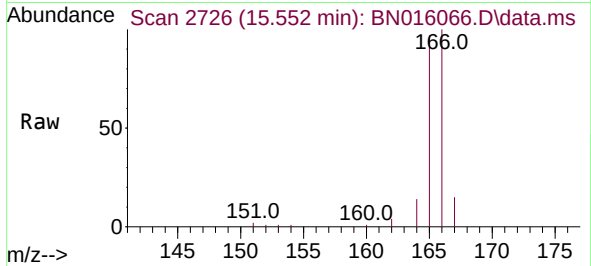




#12
Fluorene
Concen: 0.421 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

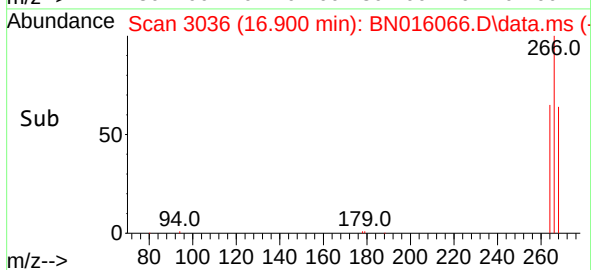
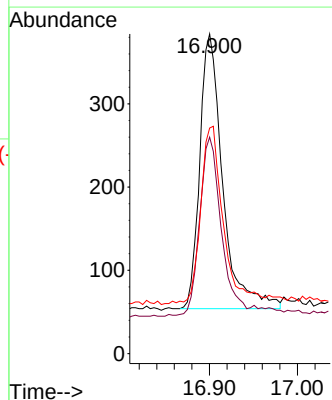
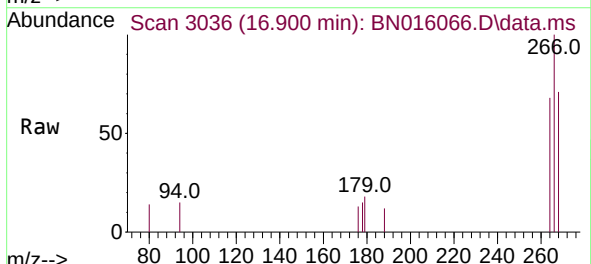
Instrument :
BNA_N
ClientSampled :
SICV207

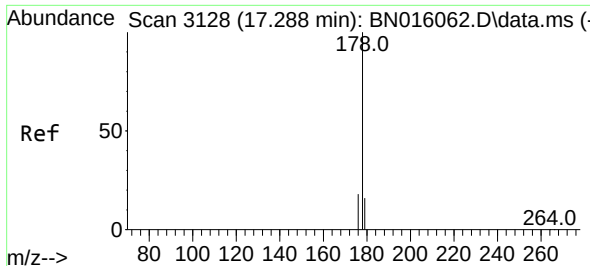
Tgt Ion:166 Resp: 5226
Ion Ratio Lower Upper
166 100
165 97.2 76.2 114.2
167 14.5 11.5 17.3



#14
Pentachlorophenol
Concen: 0.380 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

Tgt Ion:266 Resp: 598
Ion Ratio Lower Upper
266 100
264 65.2 50.2 75.2
268 64.9 52.6 79.0

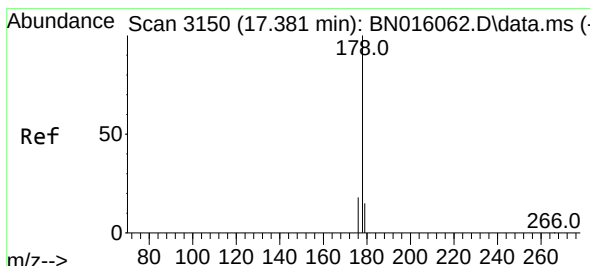
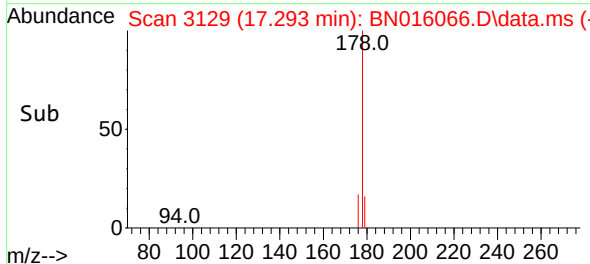
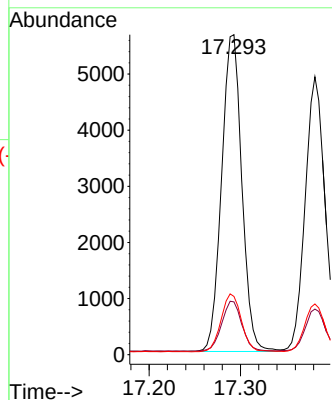
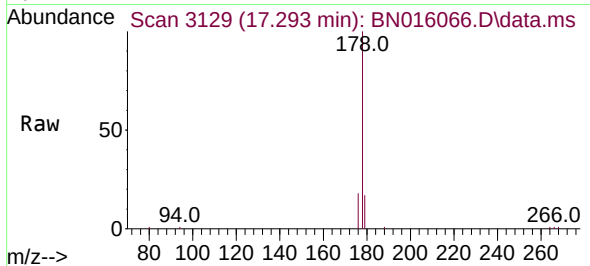




#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.293 min Scan# 3129
Delta R.T. 0.004 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

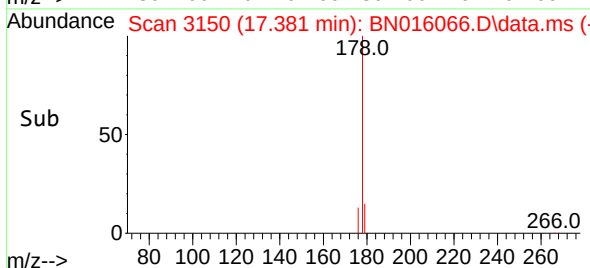
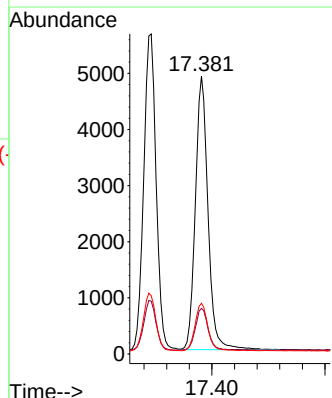
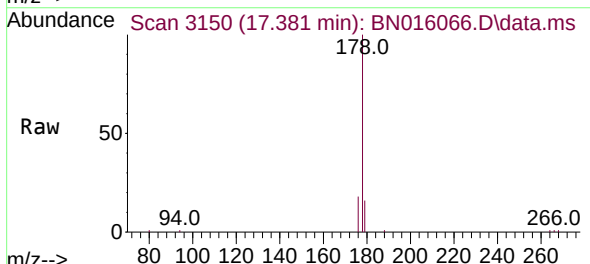
Instrument :
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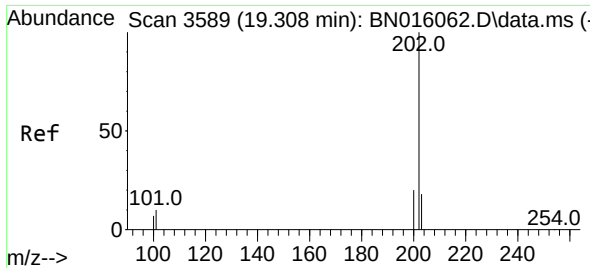
Tgt Ion:	178	Resp:	8658
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.4	20.2
176	18.2	15.0	22.4



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

Tgt Ion:	178	Resp:	7581
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.4	20.0
176	18.2	14.9	22.3

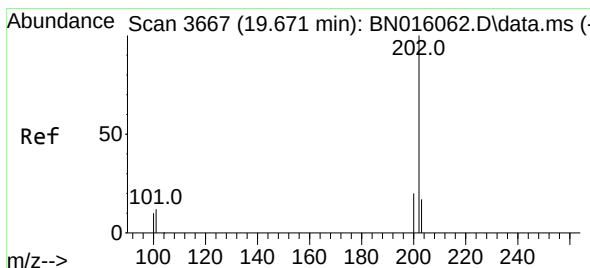
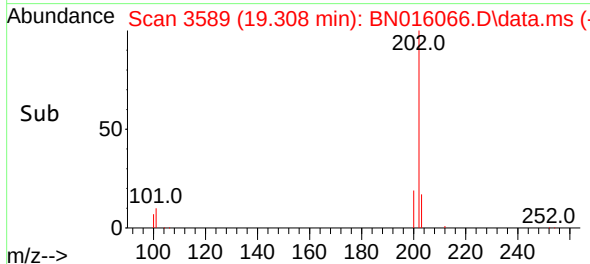
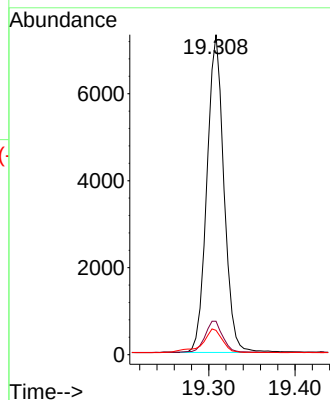
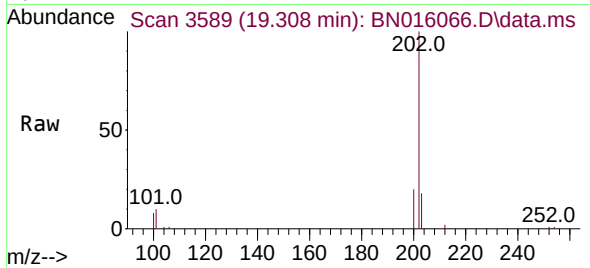




#19
Fluoranthene
Concen: 0.426 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

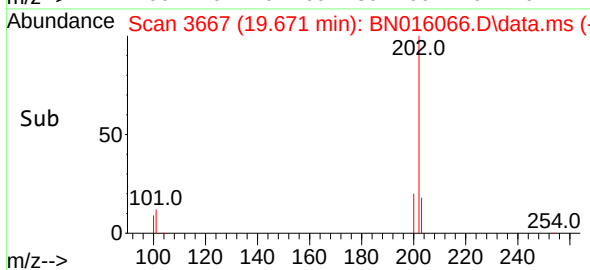
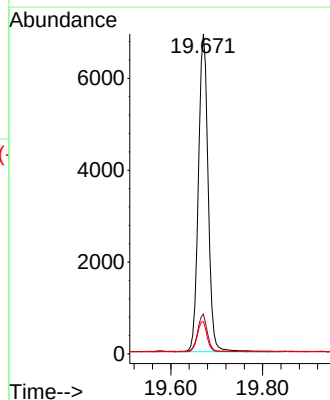
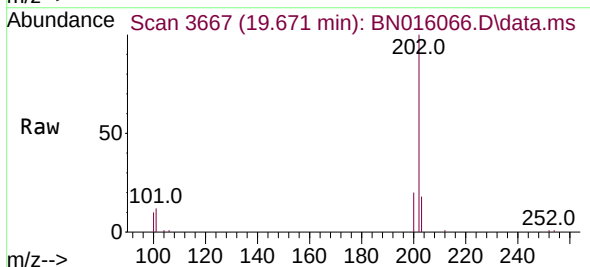
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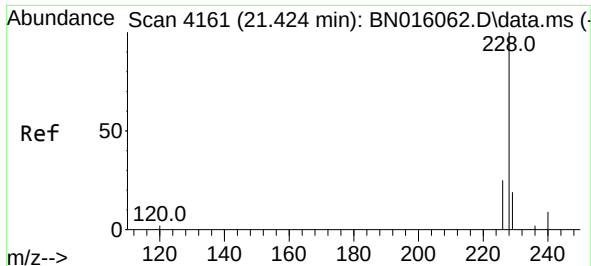
Tgt Ion:202	Resp:	10015
Ion Ratio	Lower	Upper
202	100	
101	10.4	8.3 12.5
100	7.6	6.6 9.8



#20
Pyrene
Concen: 0.428 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. 0.000 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

Tgt Ion:202	Resp:	10133
Ion Ratio	Lower	Upper
202	100	
101	12.5	10.0 15.0
100	10.1	8.4 12.6

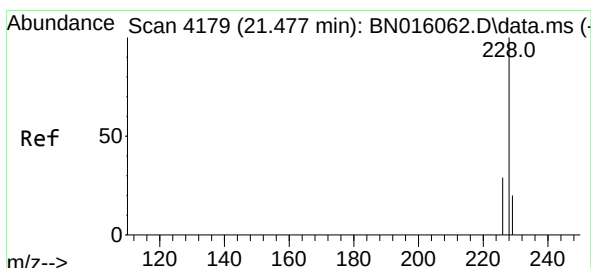
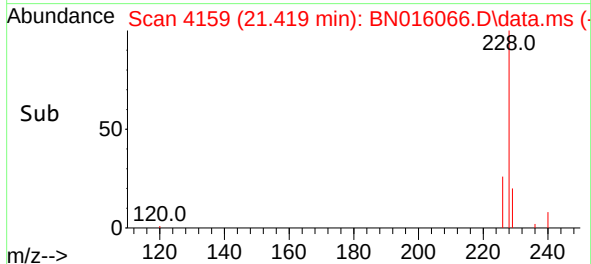
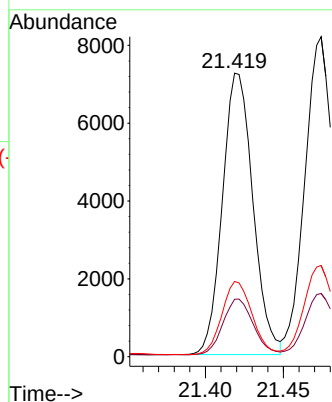
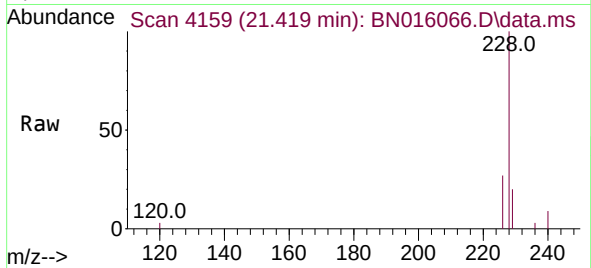




#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.419 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

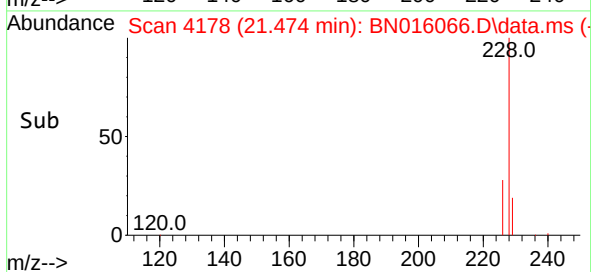
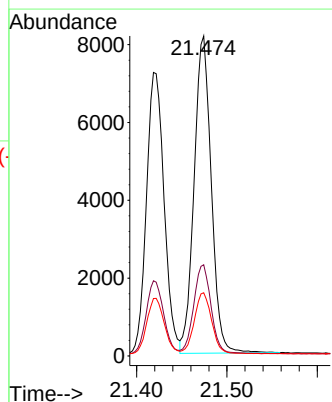
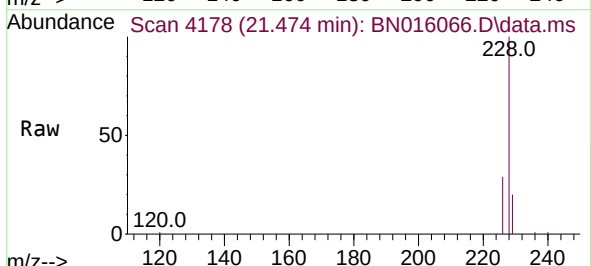
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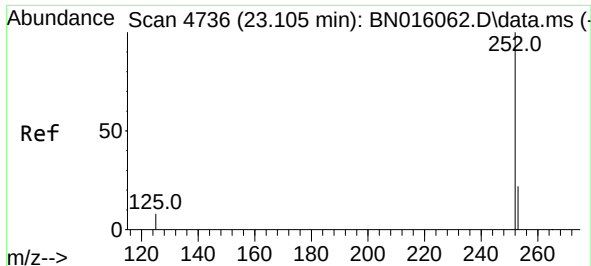
Tgt Ion:228	Resp:	9858
Ion Ratio	Lower	Upper
228	100	
229	20.3	16.0 24.0
226	26.6	20.6 31.0



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN016066.D
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Tgt Ion:228	Resp:	10760
Ion Ratio	Lower	Upper
228	100	
226	28.5	23.4 35.0
229	19.7	16.4 24.6

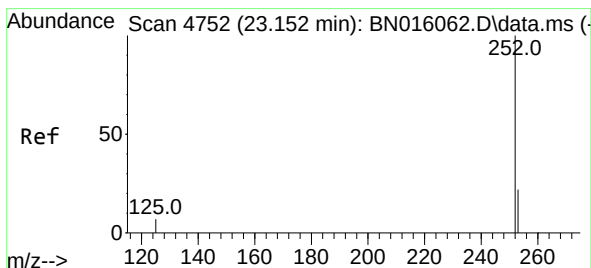
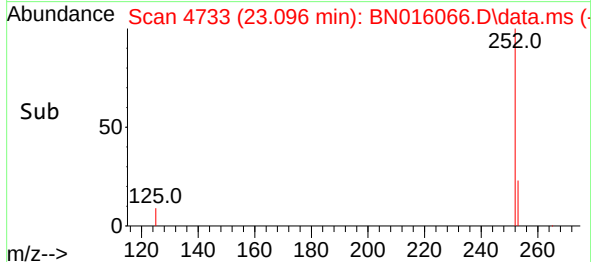
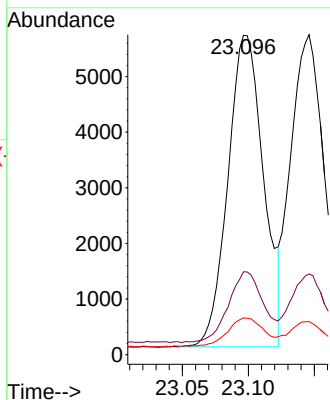
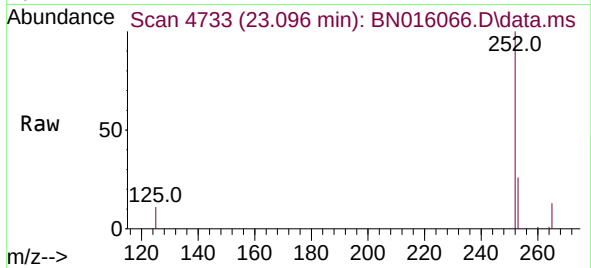




#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

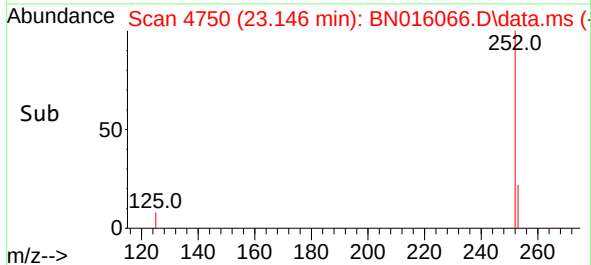
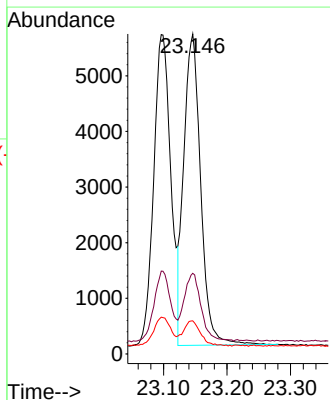
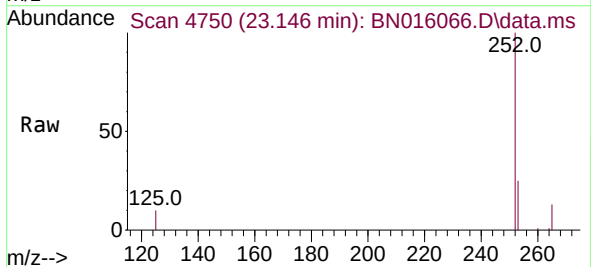
Instrument :
BNA_N
ClientSampleId :
SICV207

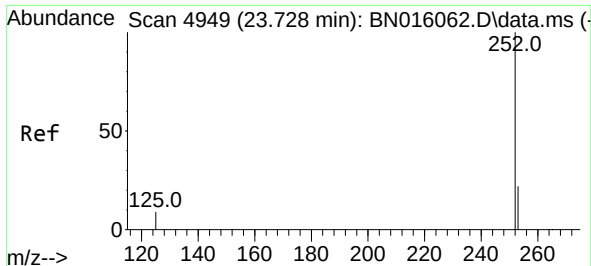
Tgt Ion:252	Resp:	10533
Ion Ratio	Lower	Upper
252	100	
253	26.0	0.0 50.6
125	11.5	0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 23.146 min Scan# 4750
Delta R.T. -0.006 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

Tgt Ion:252	Resp:	10321
Ion Ratio	Lower	Upper
252	100	
253	25.2	20.7 31.1
125	10.3	8.2 12.4

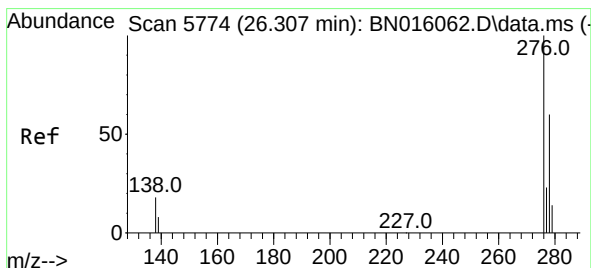
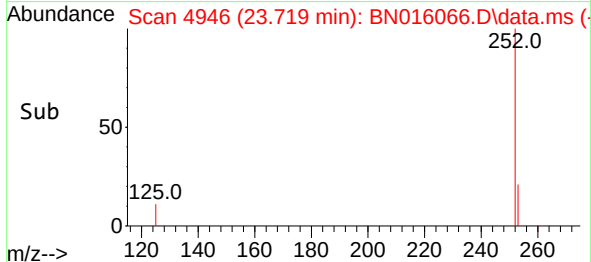
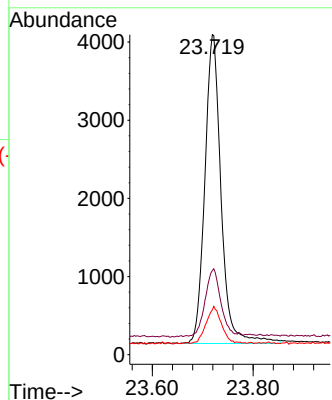
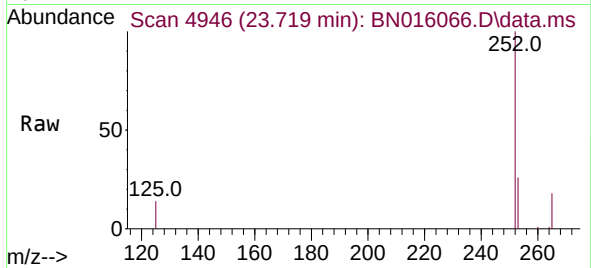




#26
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.719 min Scan# 4946
Delta R.T. -0.009 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

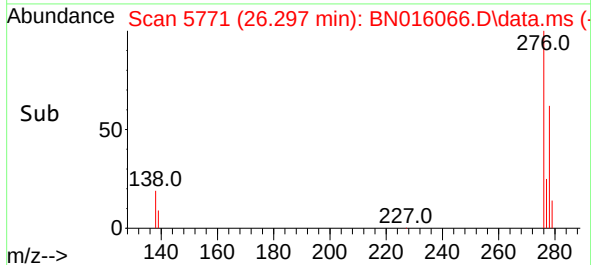
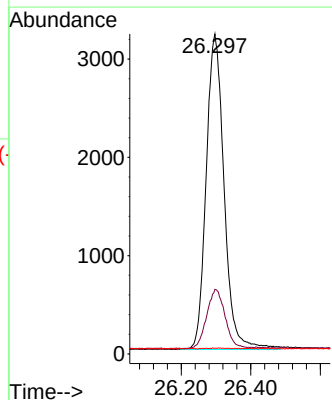
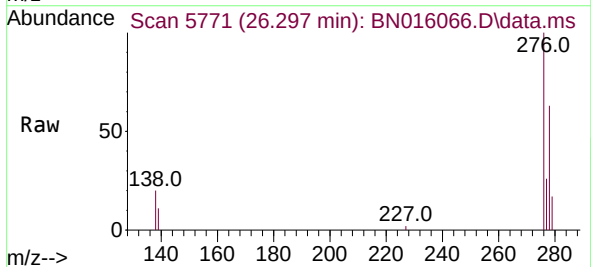
Instrument :
BNA_N
ClientSampleId :
SICV207

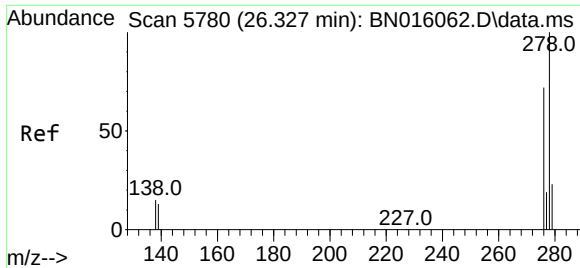
Tgt Ion:252	Resp:	8846
Ion Ratio	Lower	Upper
252	100	
253	26.3	22.1 33.1
125	14.0	10.2 15.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 26.297 min Scan# 5771
Delta R.T. -0.010 min
Lab File: BN016066.D
Acq: 25 Aug 2021 19:52

Tgt Ion:276	Resp:	11479
Ion Ratio	Lower	Upper
276	100	
138	19.4	15.1 22.7
227	0.0	0.1 0.1#

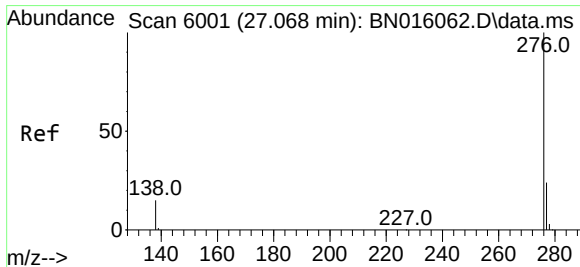
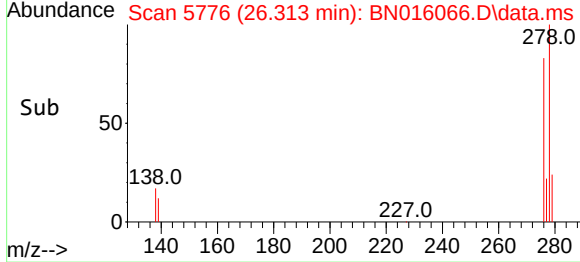
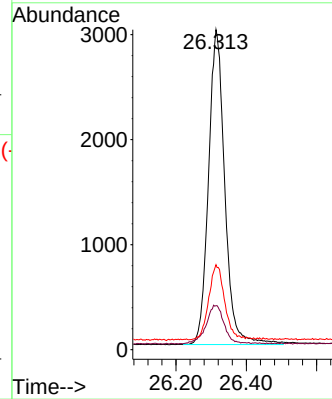
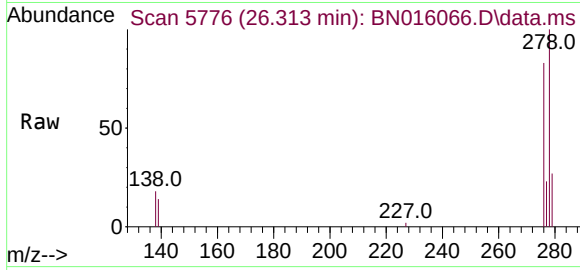




#28
 Dibenzo(a,h)anthracene
 Concen: 0.425 ng/ul
 RT: 26.313 min Scan# 5776
 Delta R.T. -0.013 min
 Lab File: BN016066.D
 Acq: 25 Aug 2021 19:52

Instrument :
 BNA_N
 ClientSampleId :
 SICV207

Tgt Ion:	278	Resp:	9654
Ion Ratio	Lower	Upper	
278	100		
139	13.8	12.0	18.0
279	26.6	21.0	31.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.420 ng/ul
 RT: 27.051 min Scan# 5996
 Delta R.T. -0.017 min
 Lab File: BN016066.D
 Acq: 25 Aug 2021 19:52

Tgt Ion:	276	Resp:	9774
Ion Ratio	Lower	Upper	
276	100		
138	18.7	13.8	20.8
277	24.9	20.5	30.7

