

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016065.D
 Acq On : 25 Aug 2021 19:15
 Operator : CG/JU
 Sample : SSTD3.206
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2206

Quant Time: Aug 26 01:30:35 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 : Wed Aug 25 18:14:04 2021
 Response via : Initial Calibration

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

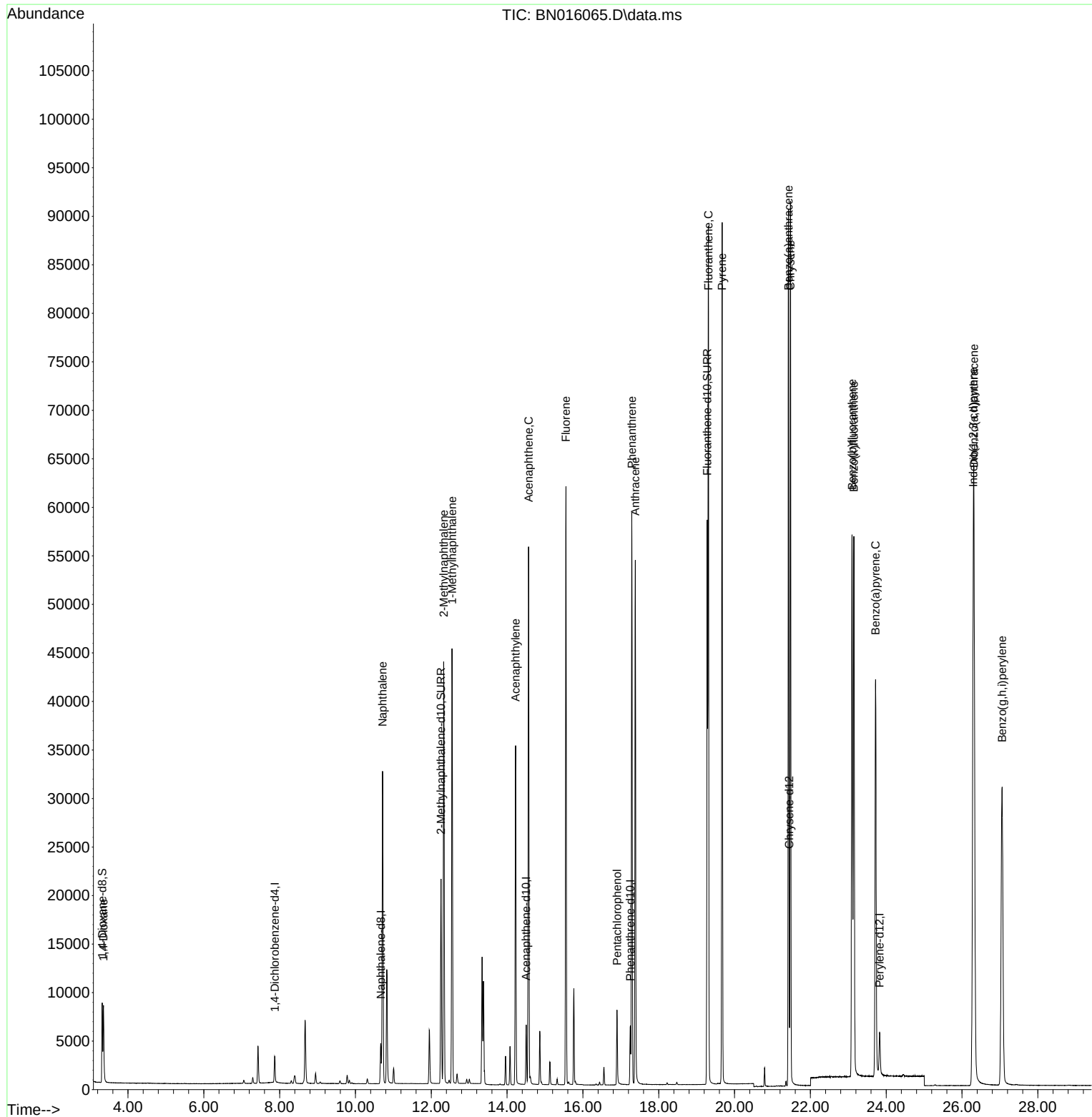
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	1396	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	5879	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	3594	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	7619	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	8059	0.400	ng/ul	0.00
23) Perylene-d12	23.827	264	6738	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	5729	3.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	27816	3.016	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	67536	2.550	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	5688	3.345	ng/ul#	84
5) Naphthalene	10.716	128	45415	2.421	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	31821	2.593	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	31275	2.635	ng/ul	99
10) Acenaphthylene	14.224	152	40666	2.189	ng/ul	96
11) Acenaphthene	14.566	153	33051	2.321	ng/ul	99
12) Fluorene	15.552	166	39540	2.513	ng/ul	98
14) Pentachlorophenol	16.900	266	5417	3.213	ng/ul	98
15) Phenanthrene	17.288	178	63447	2.294	ng/ul	98
16) Anthracene	17.381	178	59771	2.452	ng/ul	97
19) Fluoranthene	19.308	202	78313	2.103	ng/ul	98
20) Pyrene	19.671	202	76656	2.052	ng/ul	96
21) Benzo(a)anthracene	21.421	228	78001	2.613	ng/ul	100
22) Chrysene	21.474	228	79800	2.233	ng/ul	99
24) Benzo(b)fluoranthene	23.099	252	79114	2.513	ng/ul	94
25) Benzo(k)fluoranthene	23.146	252	79324	2.233	ng/ul#	93
26) Benzo(a)pyrene	23.719	252	67540	2.555	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.297	276	88841	2.782	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.317	278	75131	3.001	ng/ul	95
29) Benzo(g,h,i)perylene	27.058	276	73954	2.500	ng/ul	97

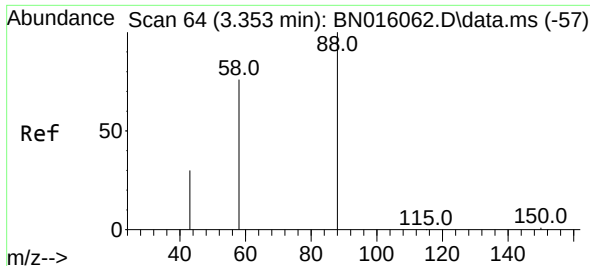
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN016065.D
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 26 01:30:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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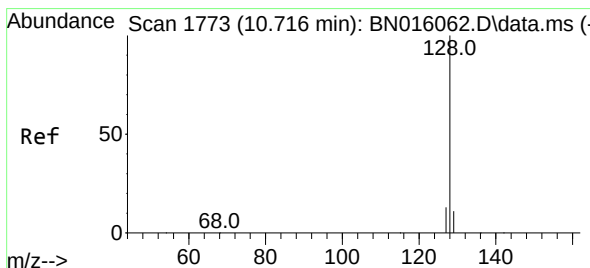
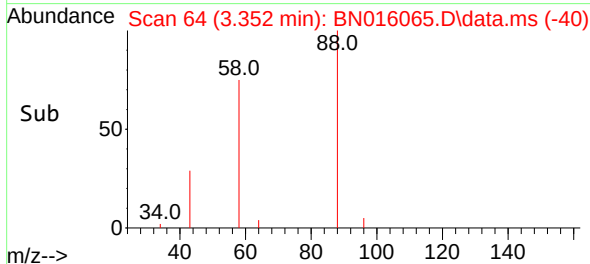
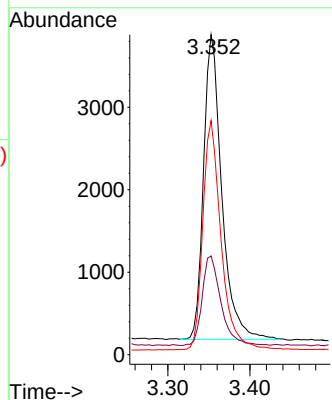
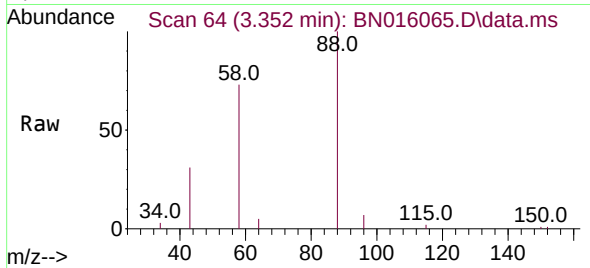




#2
1,4-Dioxane
Concen: 3.345 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

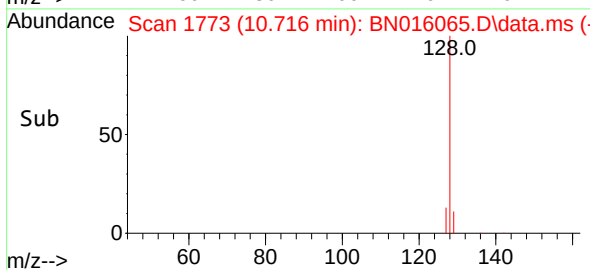
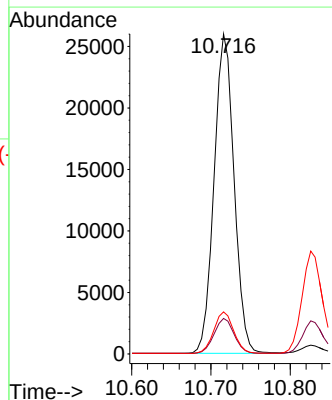
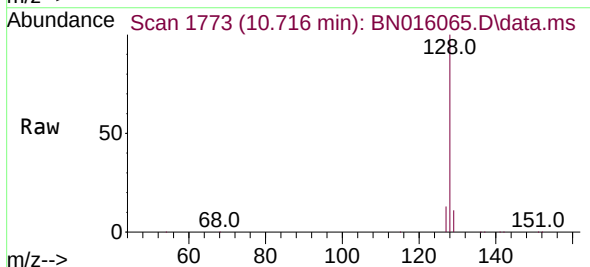
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

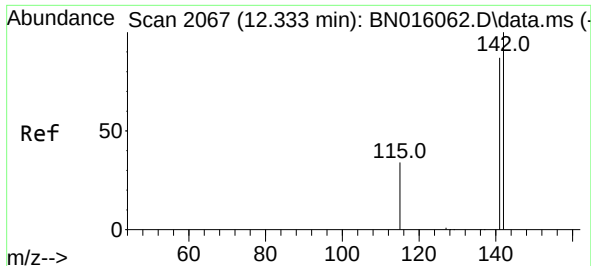
Tgt Ion: 88 Resp: 5688
Ion Ratio Lower Upper
88 100
43 30.9 33.6 50.4#
58 73.2 49.4 74.2



#5
Naphthalene
Concen: 2.421 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion: 128 Resp: 45415
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 13.2 11.1 16.7

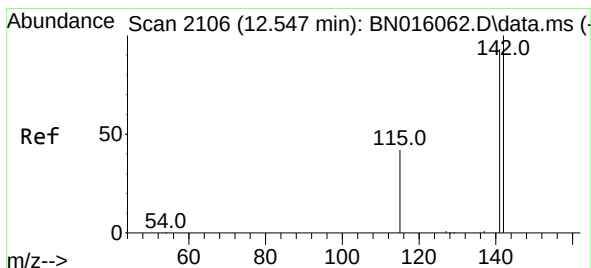
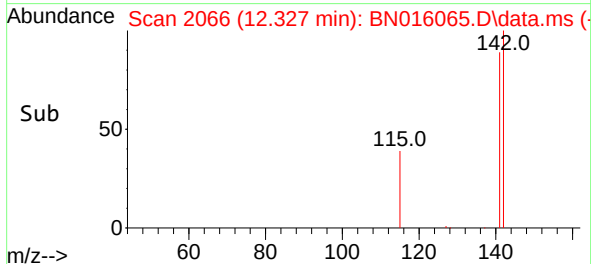
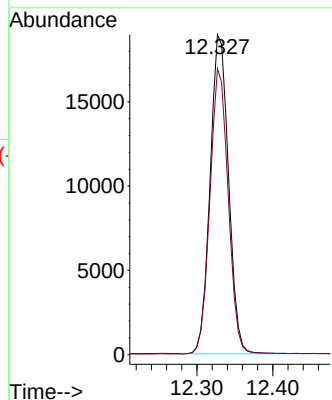
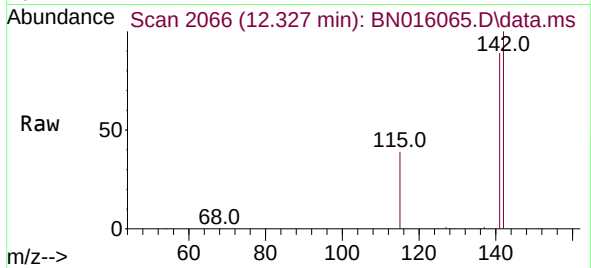




#7
2-Methylnaphthalene
Concen: 2.593 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

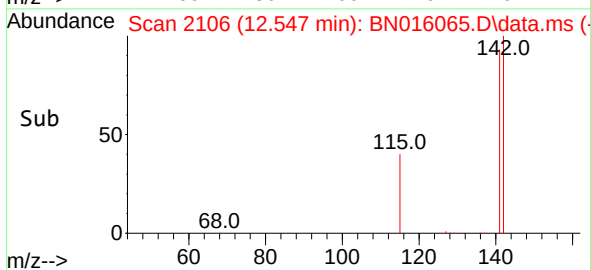
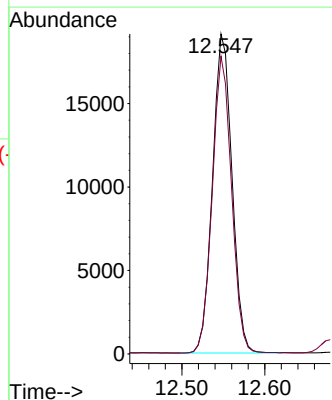
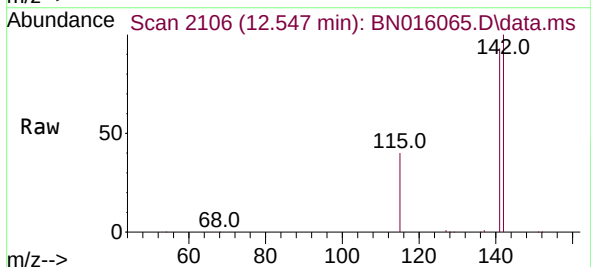
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

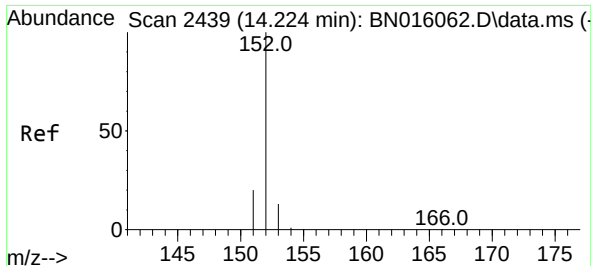
Tgt Ion:142 Resp: 31821
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.6



#8
1-Methylnaphthalene
Concen: 2.635 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion:142 Resp: 31275
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2

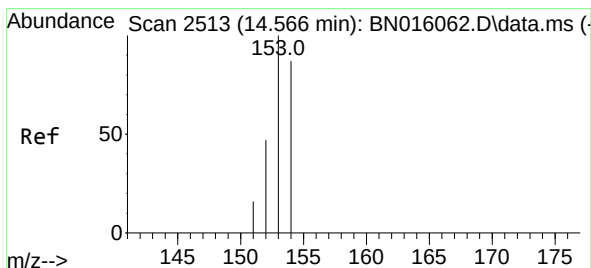
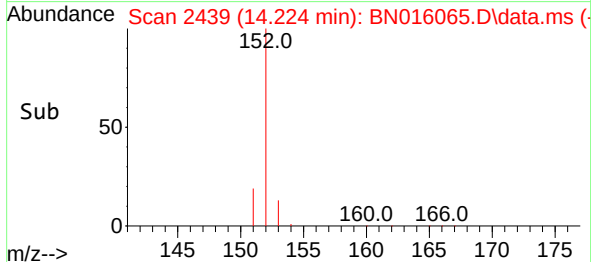
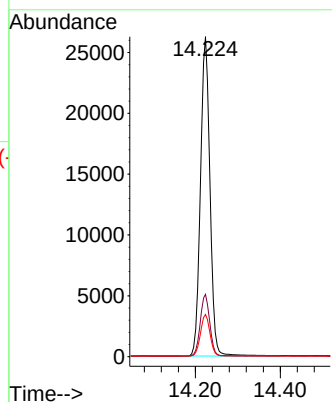
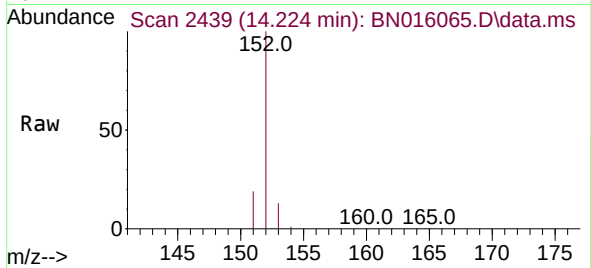




#10
Acenaphthylene
Concen: 2.189 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

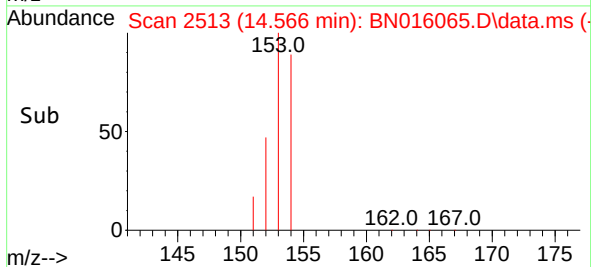
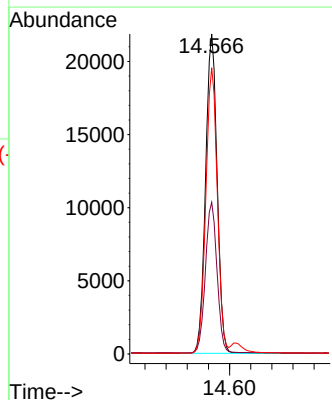
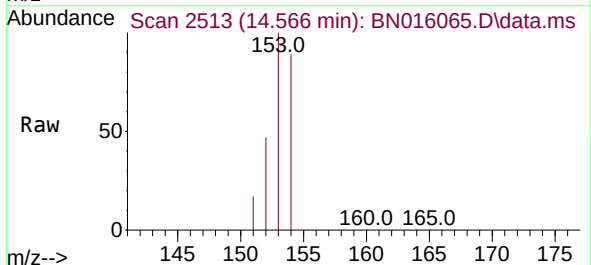
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

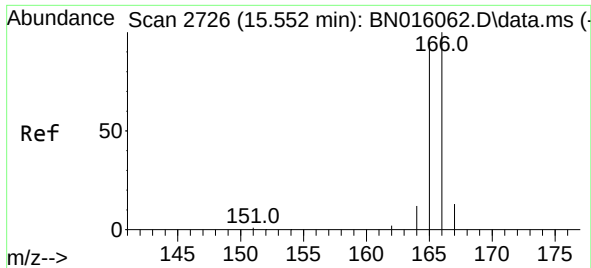
Tgt Ion:152	Resp:	40666
Ion Ratio	Lower	Upper
152	100	
151	19.5	17.0 25.6
153	13.2	11.8 17.6



#11
Acenaphthene
Concen: 2.321 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion:153	Resp:	33051
Ion Ratio	Lower	Upper
153	100	
152	47.4	38.3 57.5
154	89.5	70.2 105.2

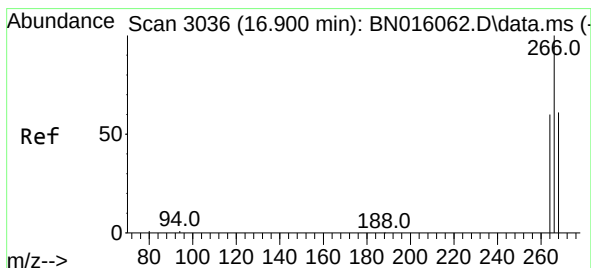
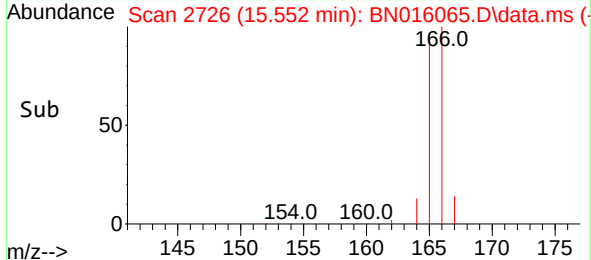
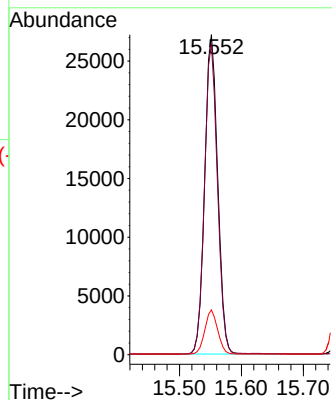
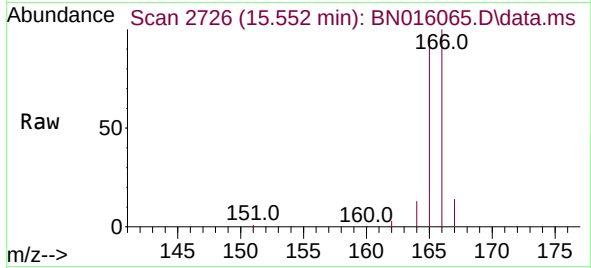




#12
Fluorene
Concen: 2.513 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

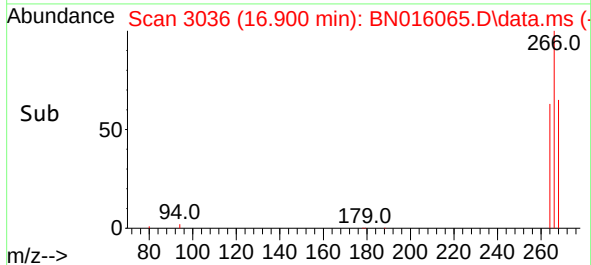
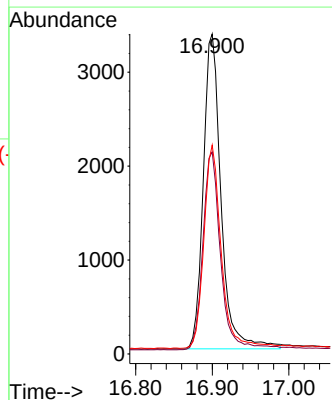
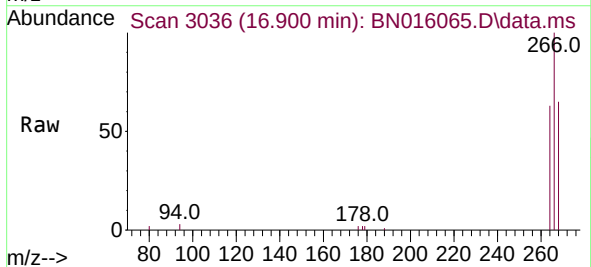
Instrument :
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ClientSampleId :
SSTD3.2206

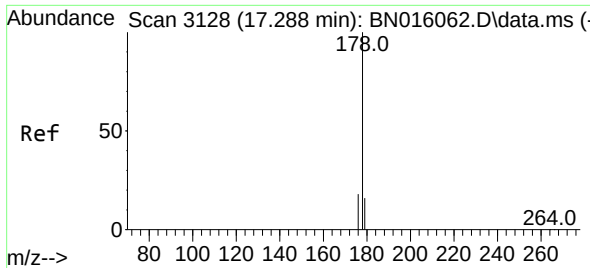
Tgt Ion:166 Resp: 39540
Ion Ratio Lower Upper
166 100
165 97.2 76.2 114.2
167 14.0 11.5 17.3



#14
Pentachlorophenol
Concen: 3.213 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion:266 Resp: 5417
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 63.2 52.6 79.0

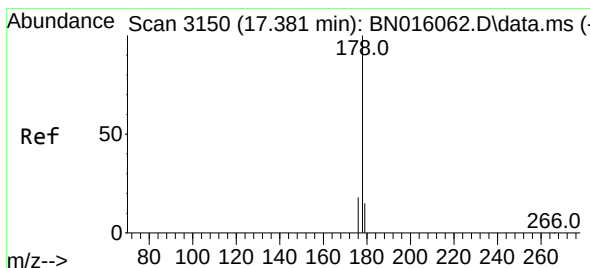
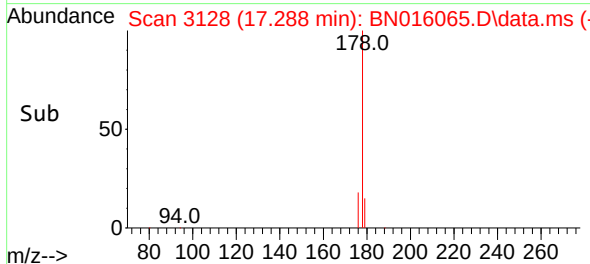
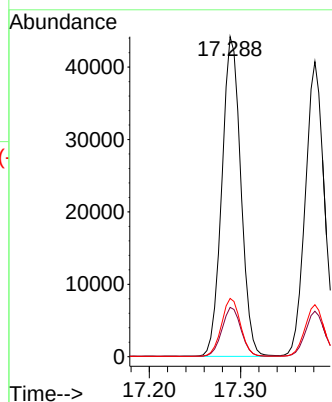
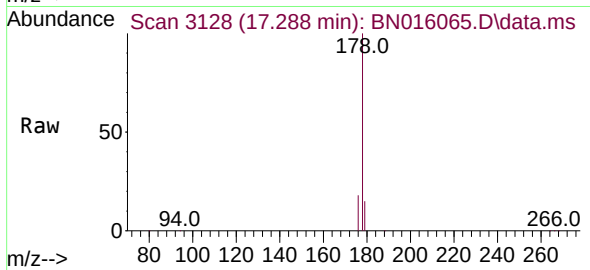




#15
 Phenanthrene
 Concen: 2.294 ng/ul
 RT: 17.288 min Scan# 3128
 Delta R.T. -0.000 min
 Lab File: BN016065.D
 Acq: 25 Aug 2021 19:15

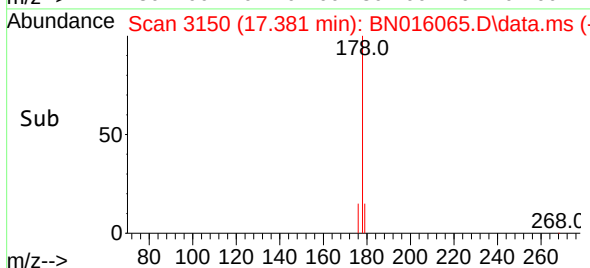
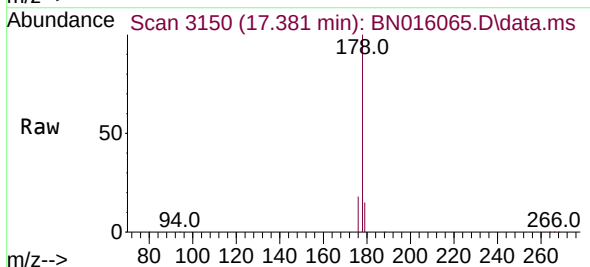
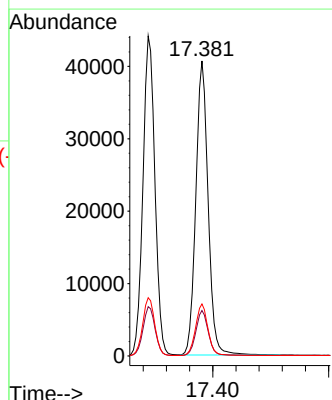
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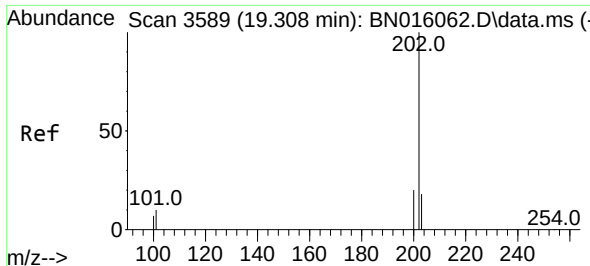
Tgt Ion:	178	Resp:	63447
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.4	20.2
176	18.2	15.0	22.4



#16
 Anthracene
 Concen: 2.452 ng/ul
 RT: 17.381 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: BN016065.D
 Acq: 25 Aug 2021 19:15

Tgt Ion:	178	Resp:	59771
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.4	20.0
176	17.6	14.9	22.3

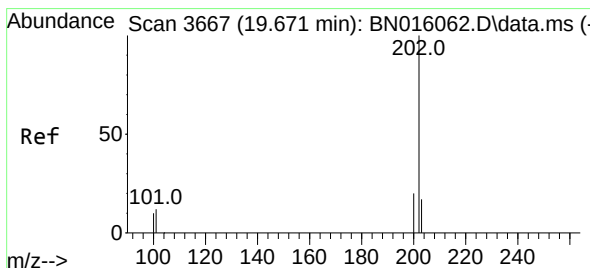
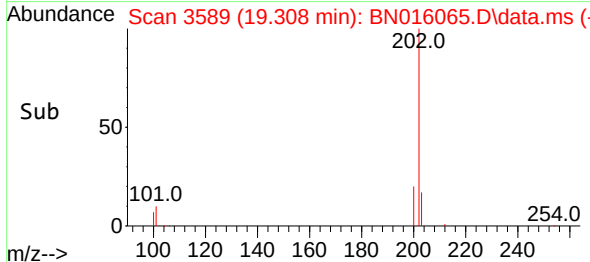
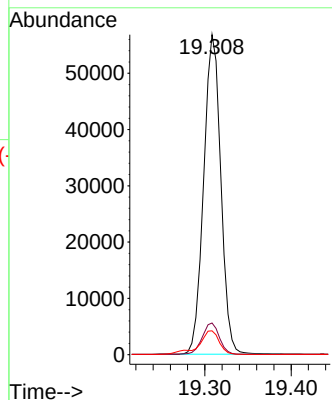
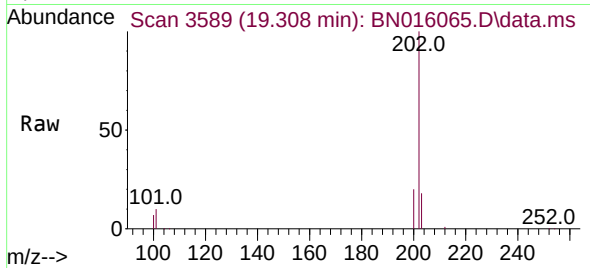




#19
Fluoranthene
Concen: 2.103 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

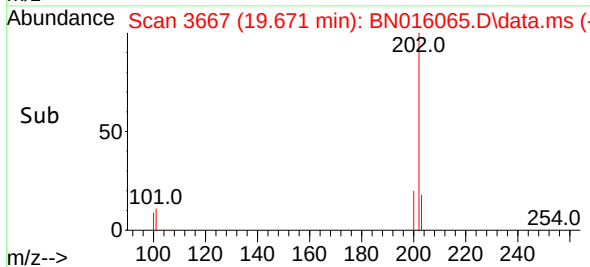
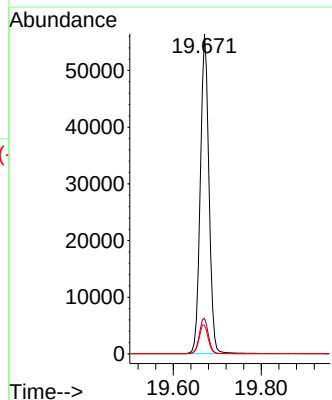
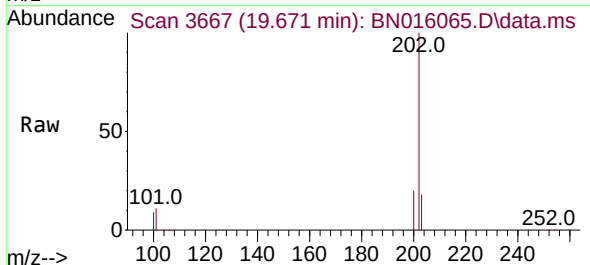
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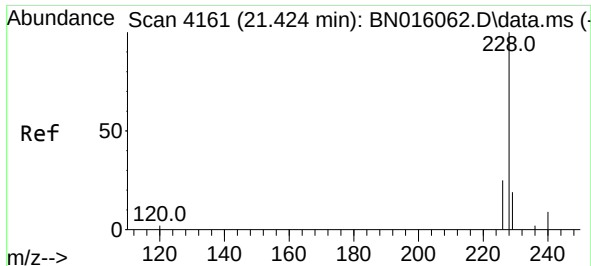
Tgt Ion:202 Resp: 78313
Ion Ratio Lower Upper
202 100
101 9.9 8.3 12.5
100 7.4 6.6 9.8



#20
Pyrene
Concen: 2.052 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion:202 Resp: 76656
Ion Ratio Lower Upper
202 100
101 11.2 10.0 15.0
100 9.0 8.4 12.6

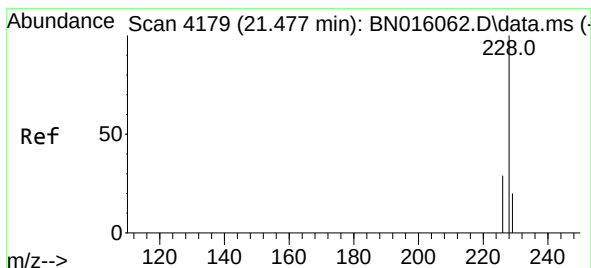
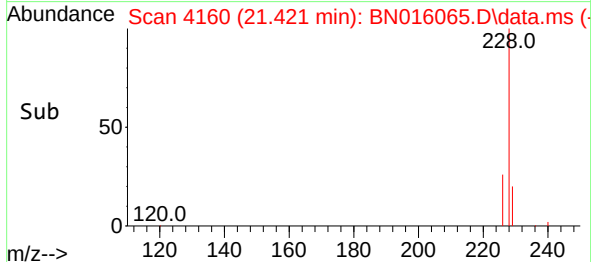
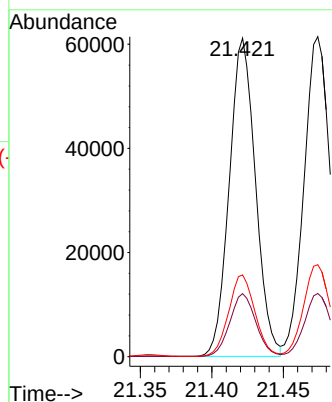
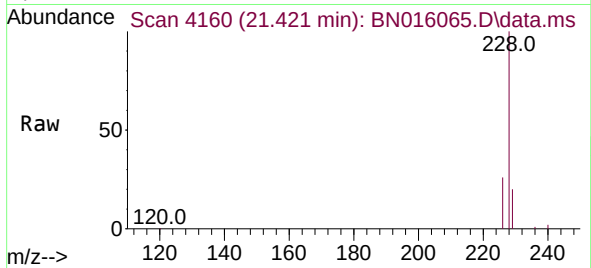




#21
Benzo(a)anthracene
Concen: 2.613 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

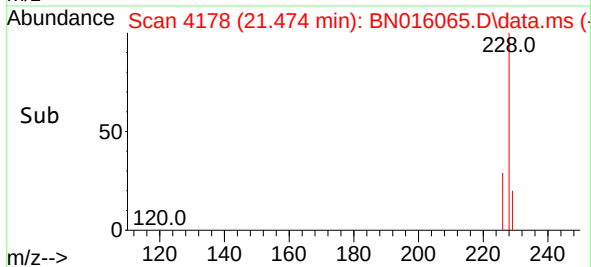
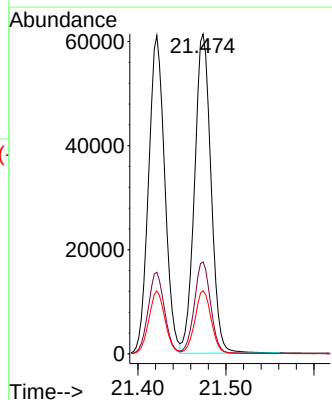
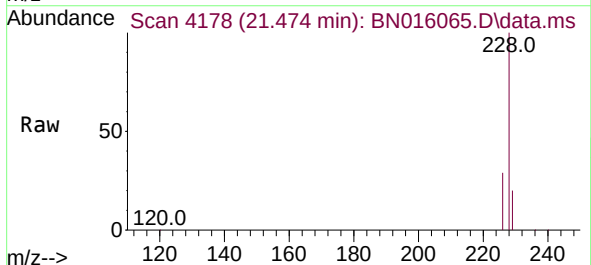
Instrument :
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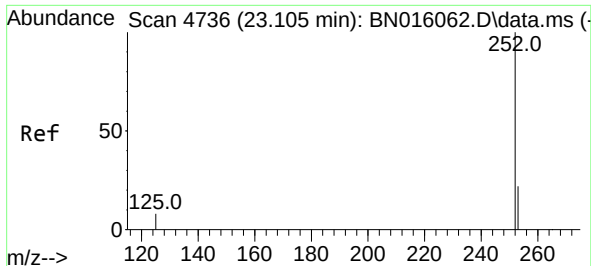
Tgt Ion:228 Resp: 78001
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 25.7 20.6 31.0



#22
Chrysene
Concen: 2.233 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion:228 Resp: 79800
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.0
229 19.7 16.4 24.6

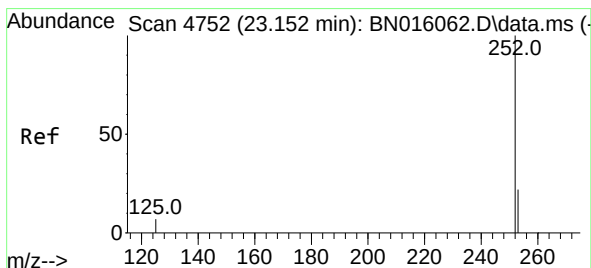
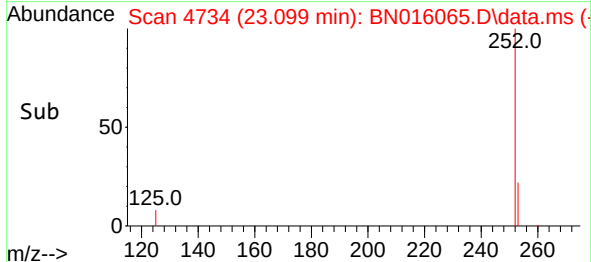
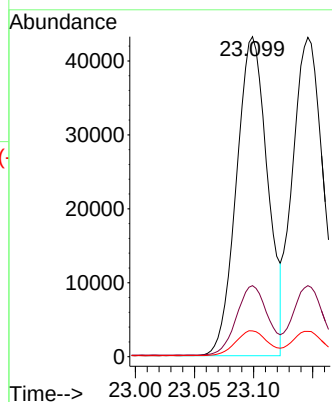
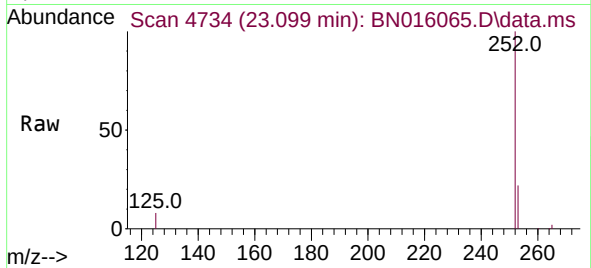




#24
Benzo(b)fluoranthene
Concen: 2.513 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

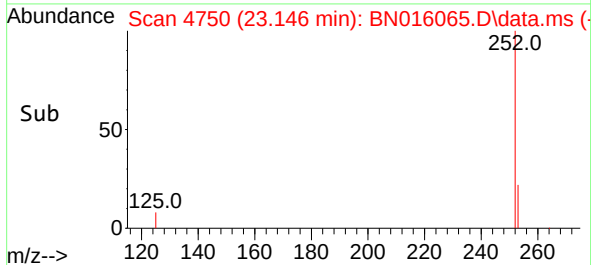
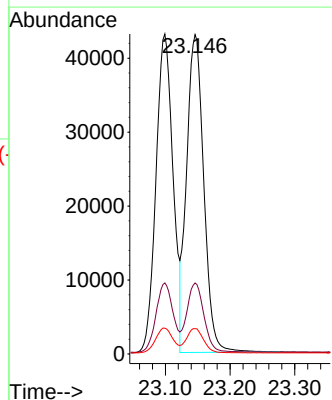
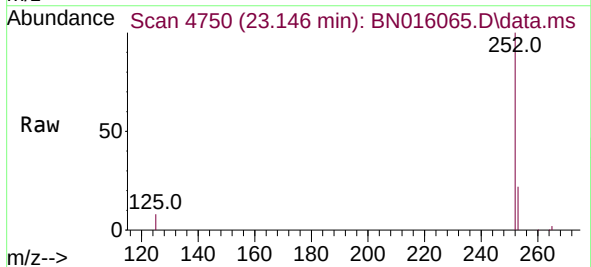
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

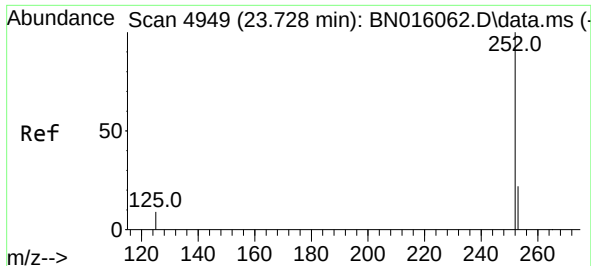
Tgt Ion:252 Resp: 79114
Ion Ratio Lower Upper
252 100
253 22.2 0.0 50.6
125 8.1 0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 2.233 ng/ul
RT: 23.146 min Scan# 4750
Delta R.T. -0.006 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion:252 Resp: 79324
Ion Ratio Lower Upper
252 100
253 22.2 20.7 31.1
125 7.9 8.2 12.4#

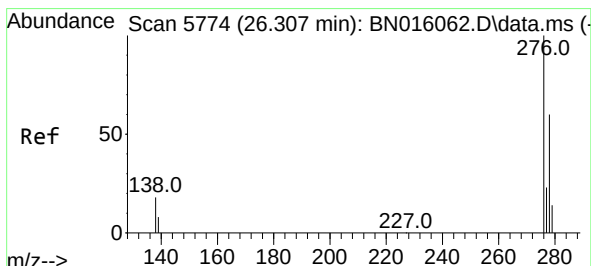
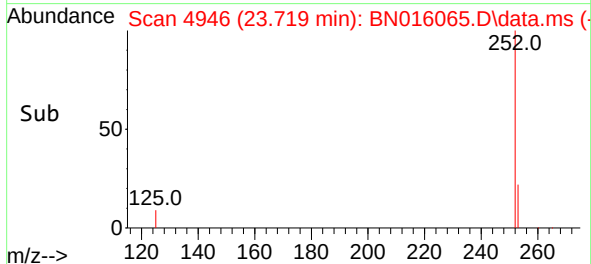
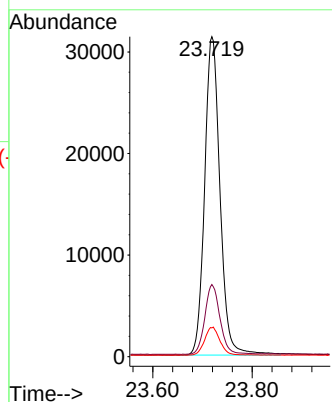
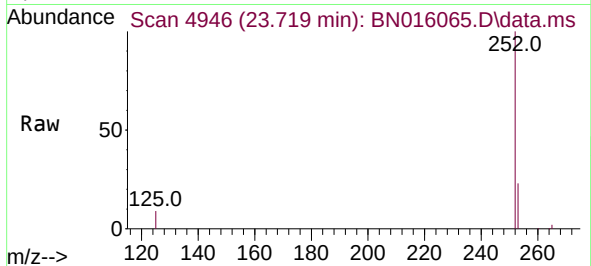




#26
Benzo(a)pyrene
Concen: 2.555 ng/ul
RT: 23.719 min Scan# 4946
Delta R.T. -0.009 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

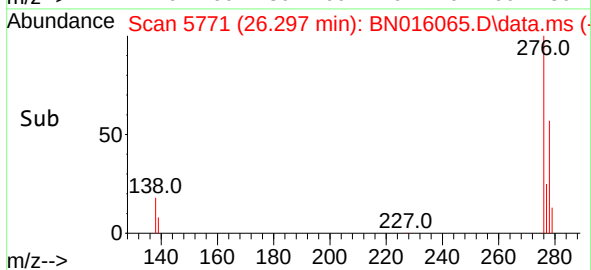
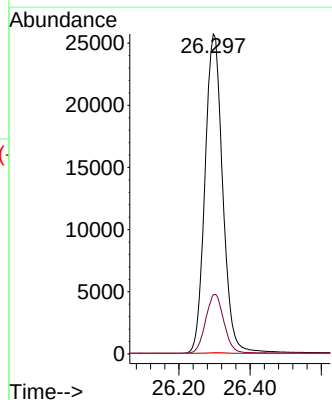
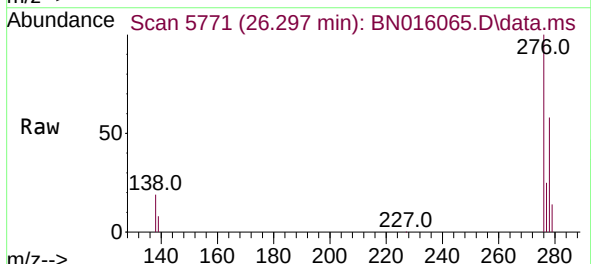
Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

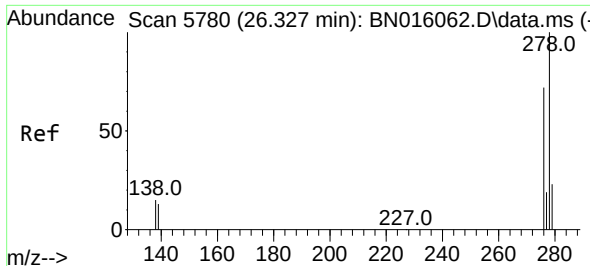
Tgt Ion:252 Resp: 67540
Ion Ratio Lower Upper
252 100
253 22.6 22.1 33.1
125 9.0 10.2 15.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.782 ng/ul
RT: 26.297 min Scan# 5771
Delta R.T. -0.010 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion:276 Resp: 88841
Ion Ratio Lower Upper
276 100
138 19.1 15.1 22.7
227 0.2 0.1 0.1#

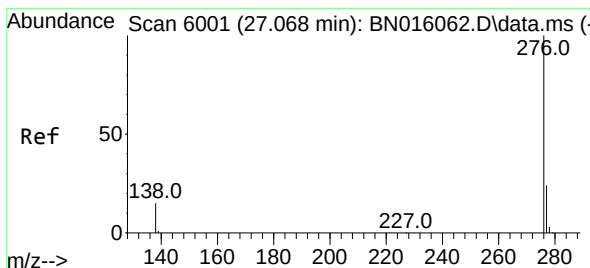
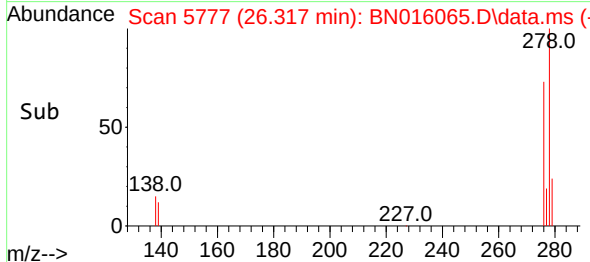
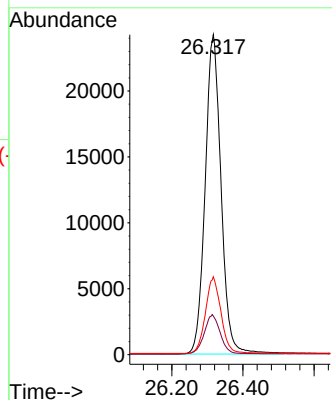
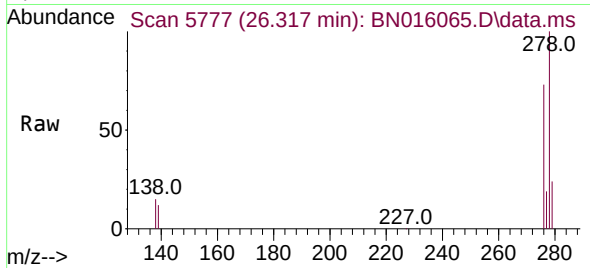




#28
Dibenzo(a,h)anthracene
Concen: 3.001 ng/ul
RT: 26.317 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Instrument :
BNA_N
ClientSampleId :
SSTD3.2206

Tgt Ion:278 Resp: 75131
Ion Ratio Lower Upper
278 100
139 12.1 12.0 18.0
279 24.4 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 2.500 ng/ul
RT: 27.058 min Scan# 5998
Delta R.T. -0.010 min
Lab File: BN016065.D
Acq: 25 Aug 2021 19:15

Tgt Ion:276 Resp: 73954
Ion Ratio Lower Upper
276 100
138 15.8 13.8 20.8
277 23.9 20.5 30.7

