

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016064.D
 Acq On : 25 Aug 2021 18:38
 Operator : CG/JU
 Sample : SSTD1.605
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6205

Quant Time: Aug 26 01:30:27 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)

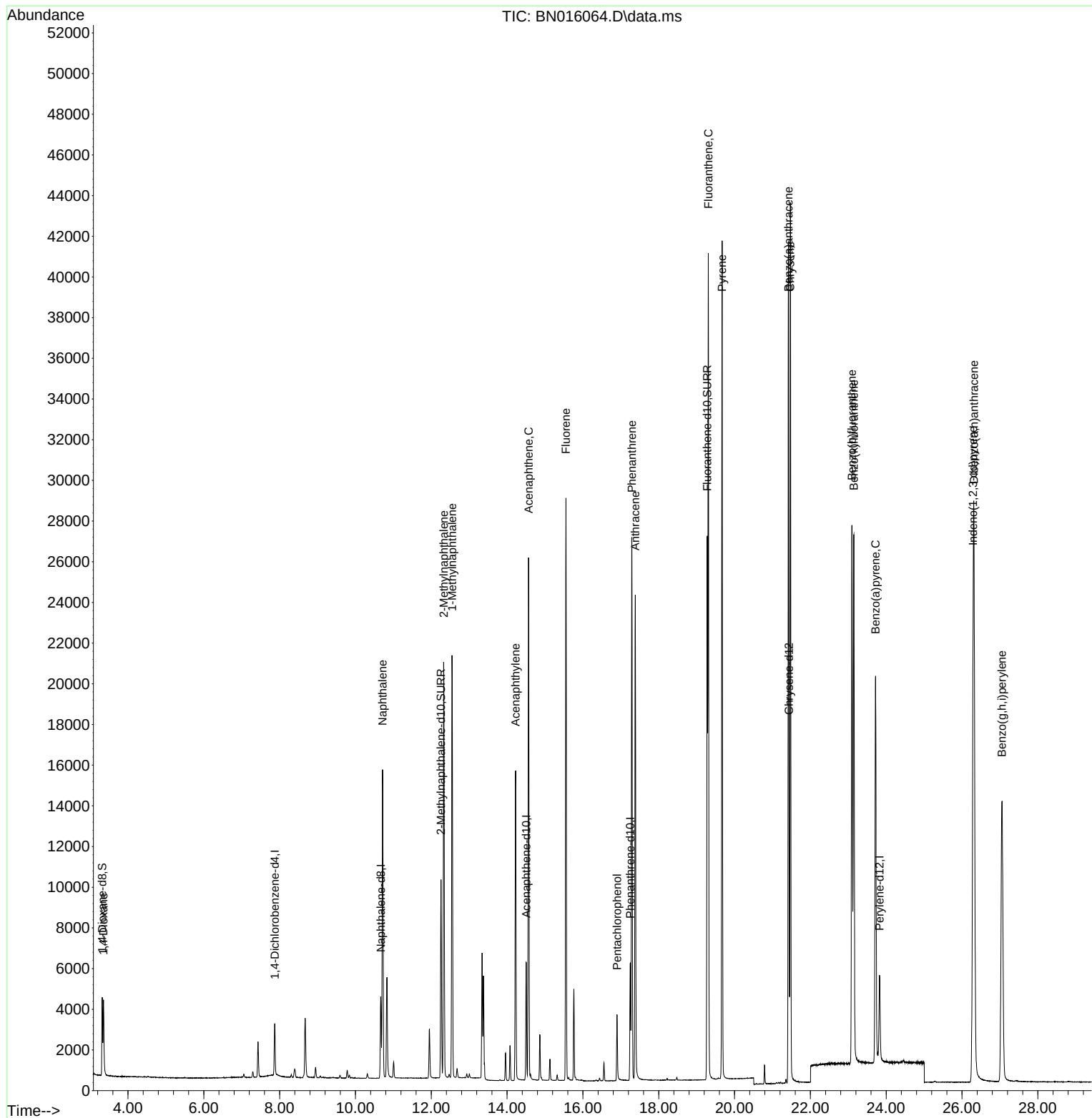
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	1362	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	5595	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	3378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	7310	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	7595	0.400	ng/ul	0.00
23) Perylene-d12	23.824	264	6365	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2757	1.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	13038	1.485	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	31139	1.248	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	2715	1.637	ng/ul	86
5) Naphthalene	10.716	128	21668	1.214	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	15029	1.287	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	14826	1.312	ng/ul	100
10) Acenaphthylene	14.224	152	18400	1.054	ng/ul	97
11) Acenaphthene	14.566	153	15418	1.152	ng/ul	99
12) Fluorene	15.552	166	18513	1.252	ng/ul	99
14) Pentachlorophenol	16.900	266	2340	1.447	ng/ul	98
15) Phenanthrene	17.288	178	29956	1.129	ng/ul	98
16) Anthracene	17.381	178	27260	1.165	ng/ul	98
19) Fluoranthene	19.308	202	36259	1.033	ng/ul	98
20) Pyrene	19.671	202	35713	1.015	ng/ul	97
21) Benzo(a)anthracene	21.421	228	35889	1.276	ng/ul	100
22) Chrysene	21.471	228	37573	1.116	ng/ul	99
24) Benzo(b)fluoranthene	23.096	252	36455	1.226	ng/ul	95
25) Benzo(k)fluoranthene	23.146	252	37173	1.108	ng/ul	94
26) Benzo(a)pyrene	23.716	252	30897	1.237	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.293	276	40875	1.355	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.317	278	34528	1.460	ng/ul	95
29) Benzo(g,h,i)perylene	27.055	276	34490	1.234	ng/ul	98

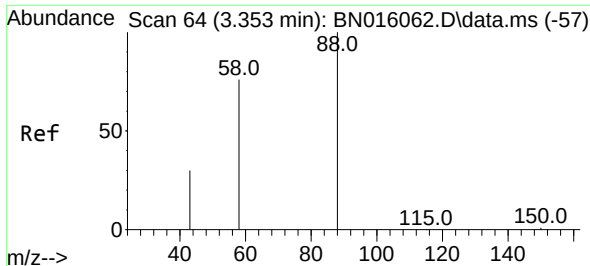
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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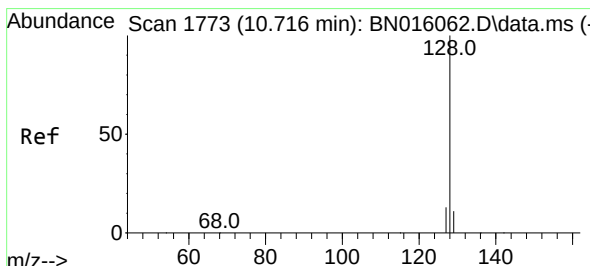
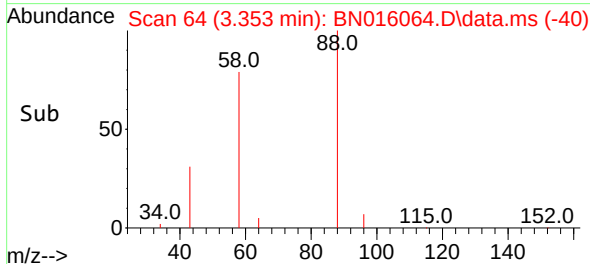
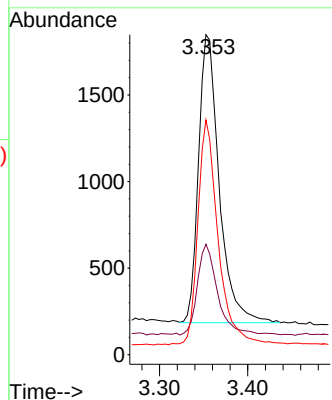
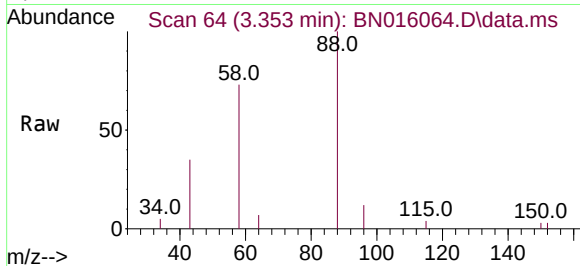




#2
1,4-Dioxane
Concen: 1.637 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

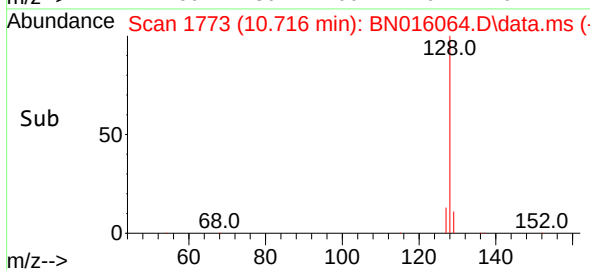
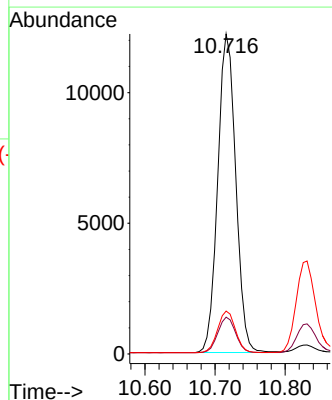
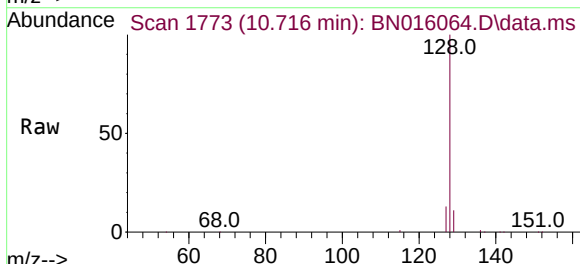
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SSTD1.6205

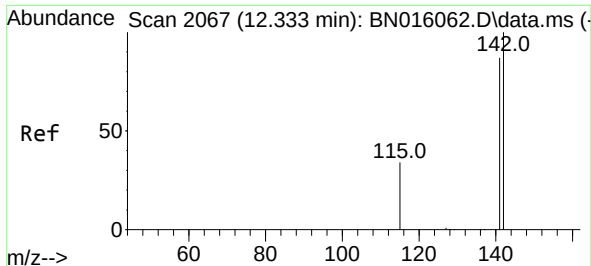
Tgt Ion: 88	Resp: 2715
Ion Ratio	Lower Upper
88 100	
43 34.5	33.6 50.4
58 73.4	49.4 74.2



#5
Naphthalene
Concen: 1.214 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:128	Resp: 21668
Ion Ratio	Lower Upper
128 100	
129 11.5	9.7 14.5
127 13.4	11.1 16.7

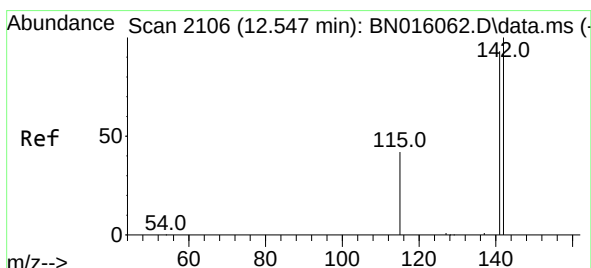
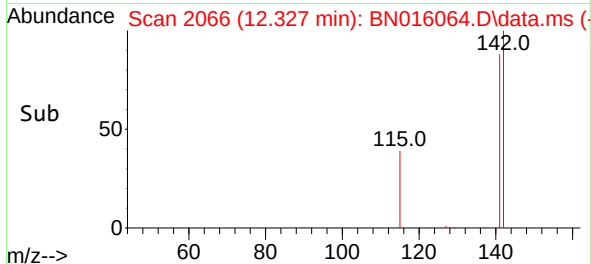
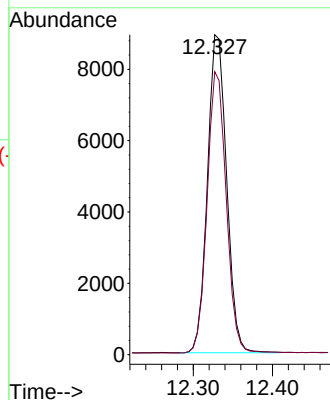
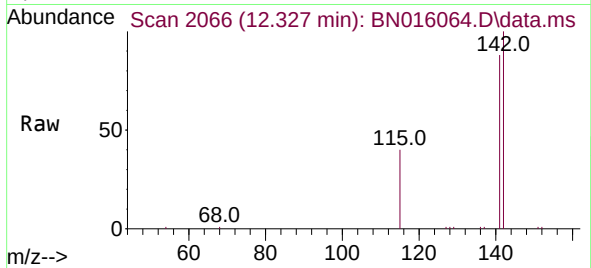




#7
2-Methylnaphthalene
Concen: 1.287 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

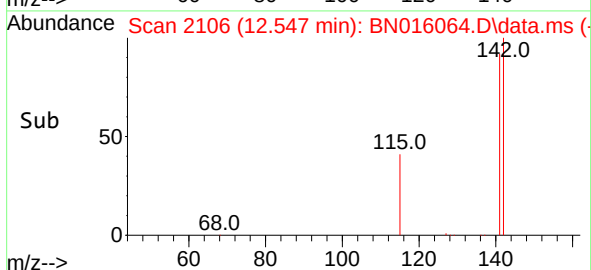
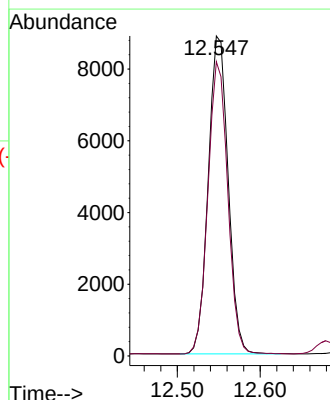
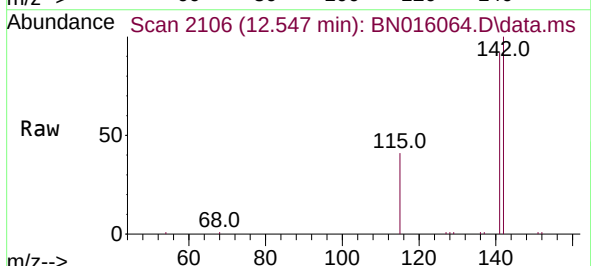
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

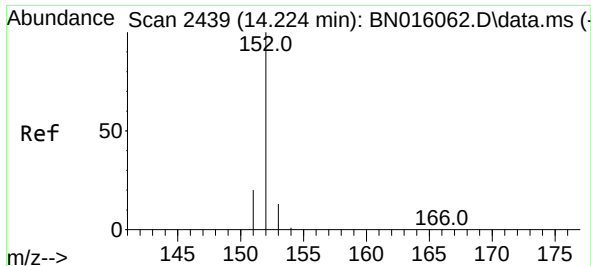
Tgt Ion:142 Resp: 15029
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.6



#8
1-Methylnaphthalene
Concen: 1.312 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:142 Resp: 14826
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2

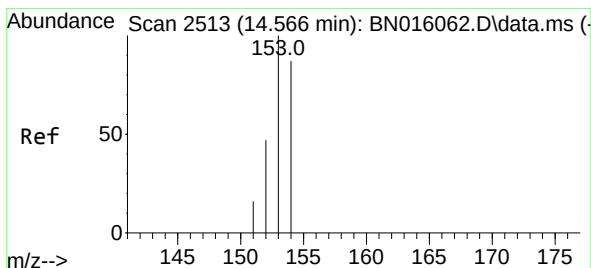
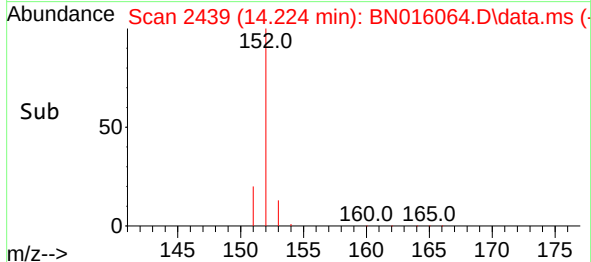
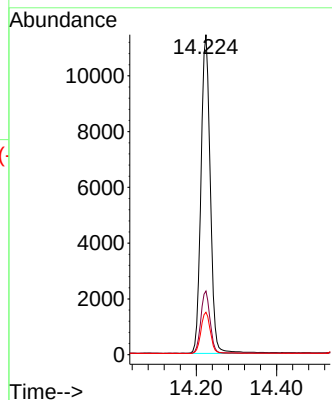
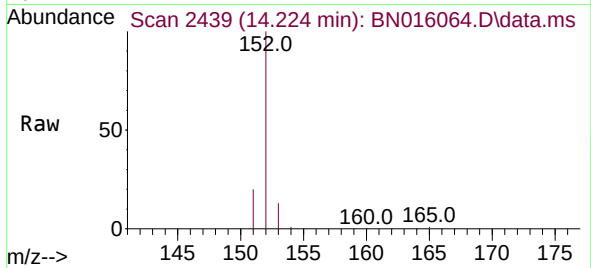




#10
Acenaphthylene
Concen: 1.054 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

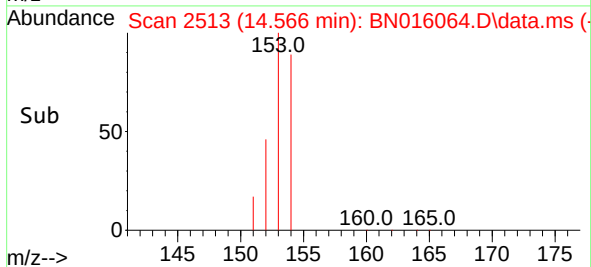
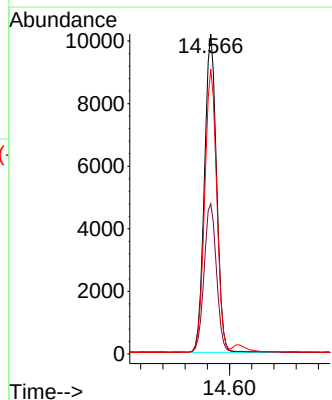
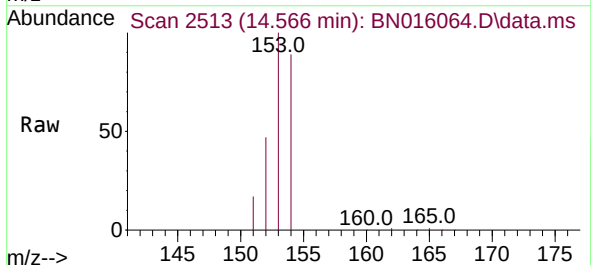
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

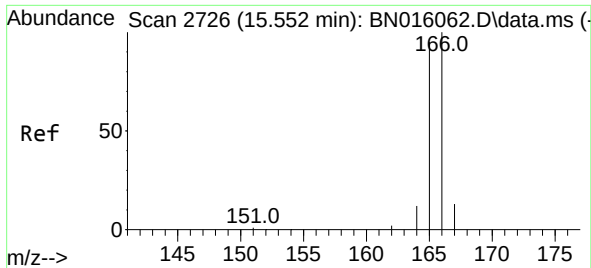
Tgt Ion:152	Resp:	18400
Ion Ratio	Lower	Upper
152	100	
151	19.9	17.0 25.6
153	13.3	11.8 17.6



#11
Acenaphthene
Concen: 1.152 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:153	Resp:	15418
Ion Ratio	Lower	Upper
153	100	
152	46.9	38.3 57.5
154	89.0	70.2 105.2

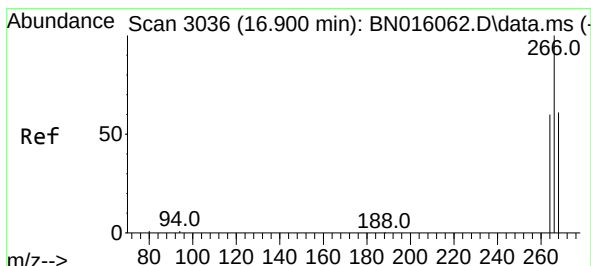
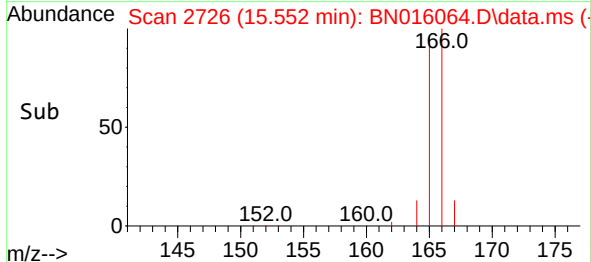
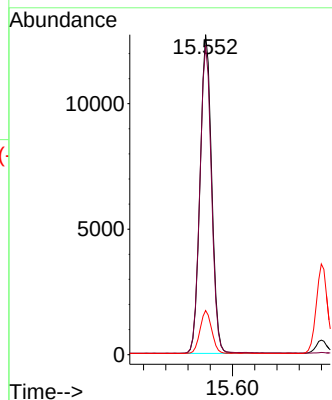
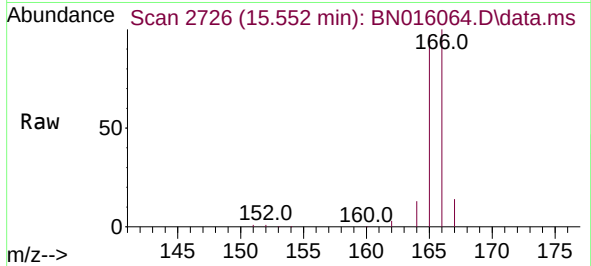




#12
Fluorene
Concen: 1.252 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

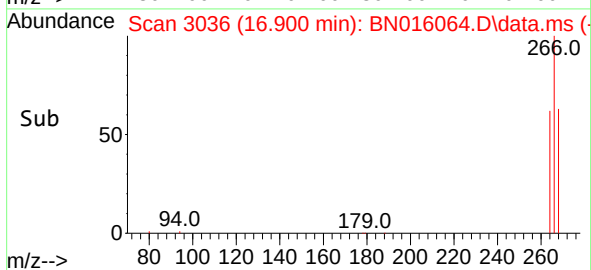
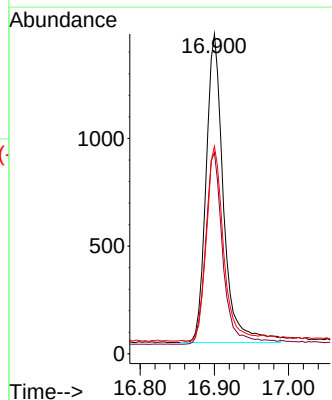
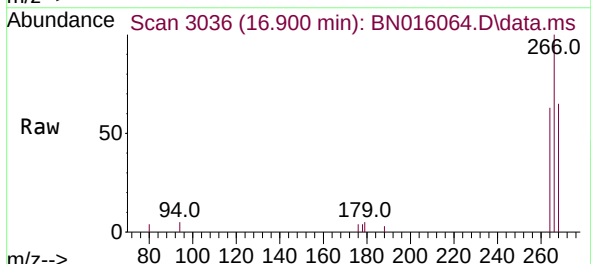
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ClientSampleId :
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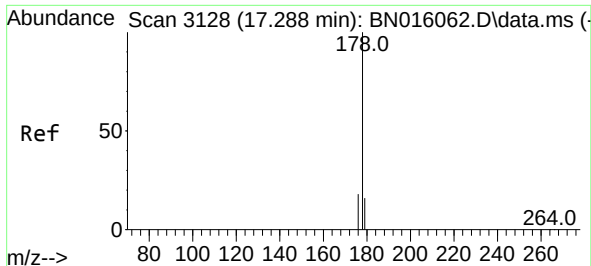
Tgt Ion:166 Resp: 18513
Ion Ratio Lower Upper
166 100
165 96.6 76.2 114.2
167 13.8 11.5 17.3



#14
Pentachlorophenol
Concen: 1.447 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:266 Resp: 2340
Ion Ratio Lower Upper
266 100
264 61.5 50.2 75.2
268 63.4 52.6 79.0

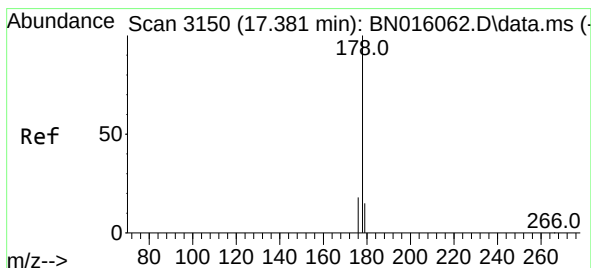
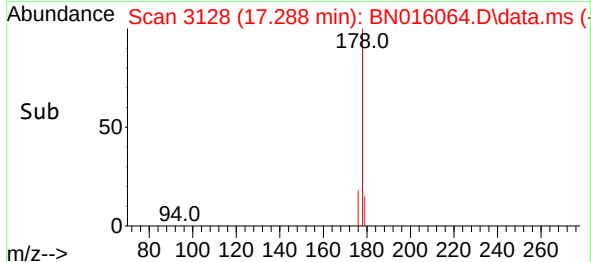
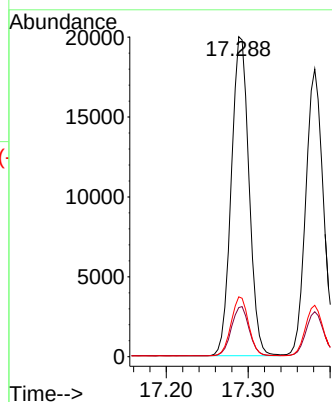
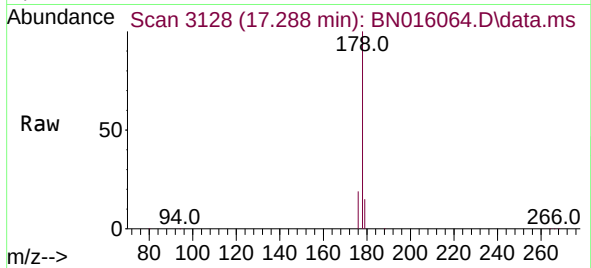




#15
Phenanthrene
Concen: 1.129 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

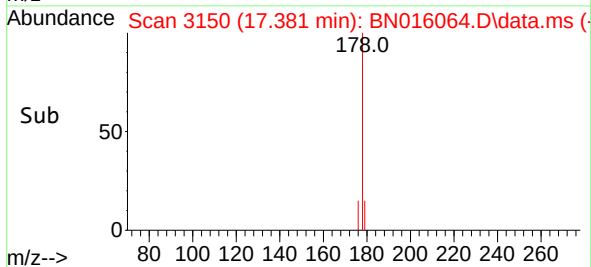
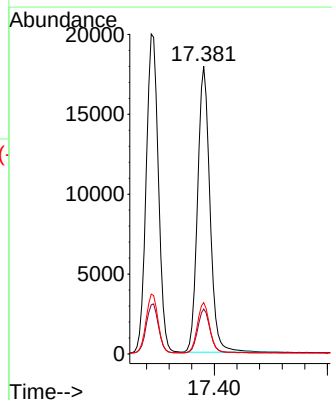
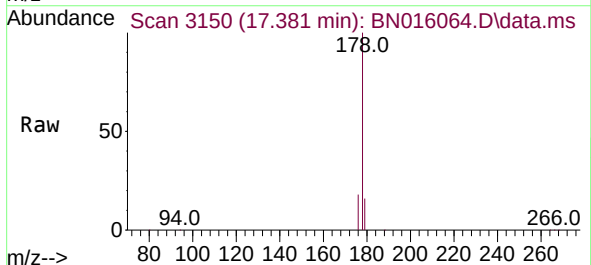
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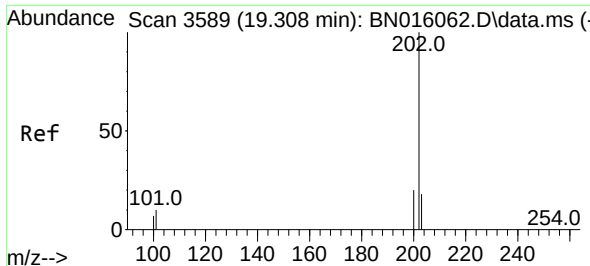
Tgt Ion:	178	Resp:	29956
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.4	20.2
176	18.7	15.0	22.4



#16
Anthracene
Concen: 1.165 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:	178	Resp:	27260
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.4	20.0
176	17.9	14.9	22.3

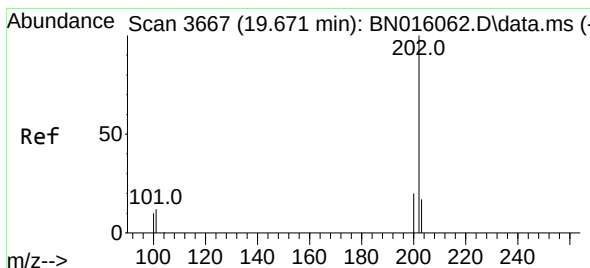
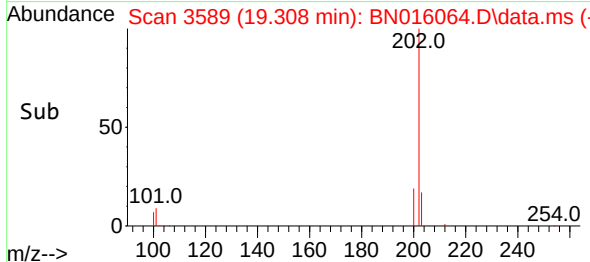
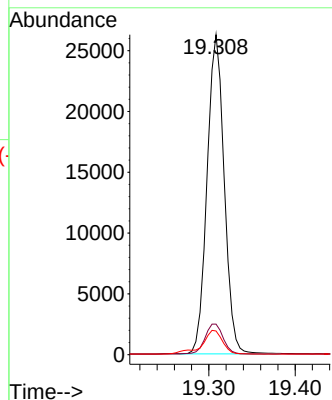
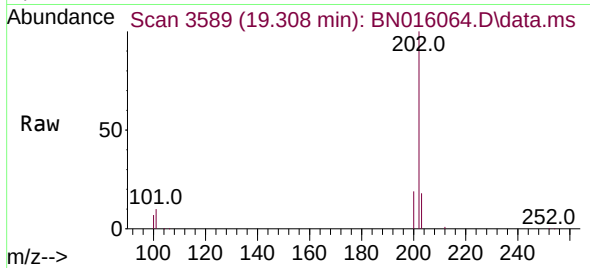




#19
Fluoranthene
Concen: 1.033 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

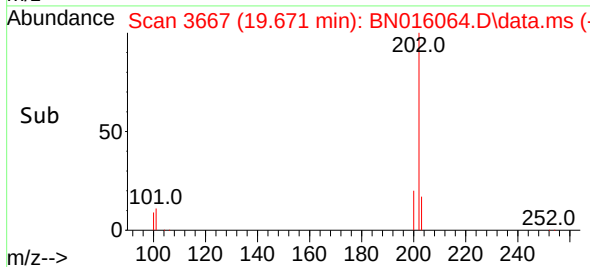
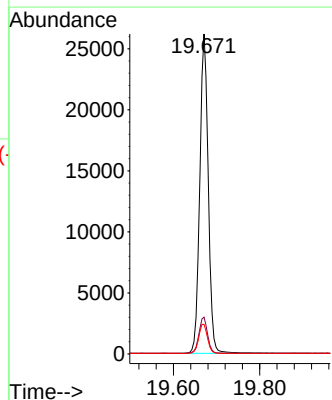
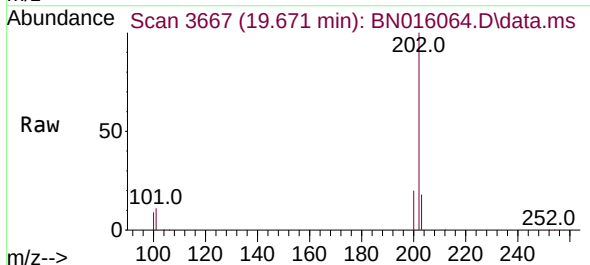
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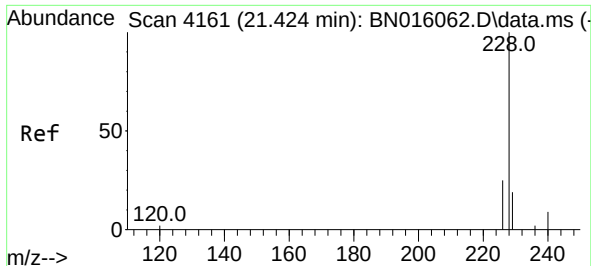
Tgt Ion:202 Resp: 36259
Ion Ratio Lower Upper
202 100
101 9.5 8.3 12.5
100 7.4 6.6 9.8



#20
Pyrene
Concen: 1.015 ng/ul
RT: 19.671 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:202 Resp: 35713
Ion Ratio Lower Upper
202 100
101 11.5 10.0 15.0
100 9.3 8.4 12.6

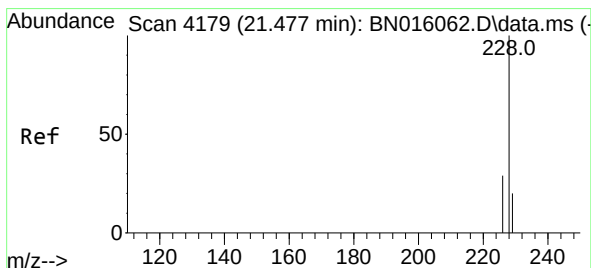
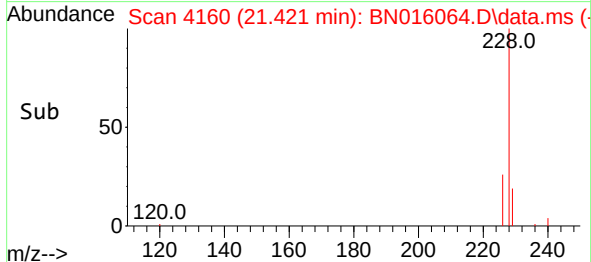
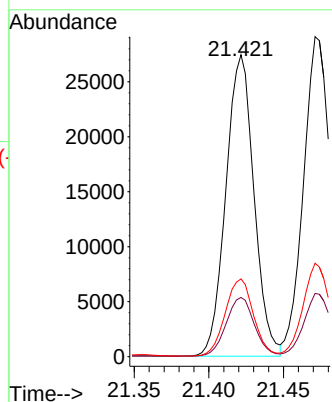
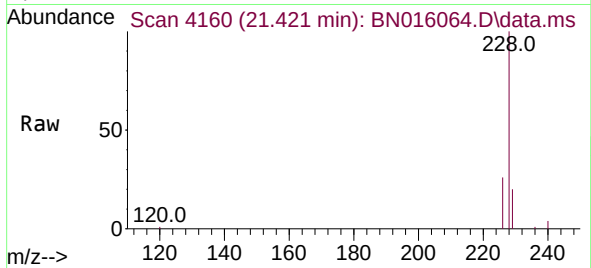




#21
Benzo(a)anthracene
Concen: 1.276 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

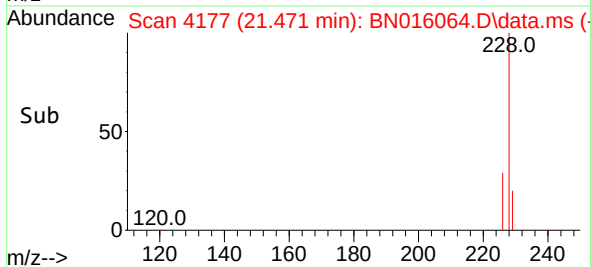
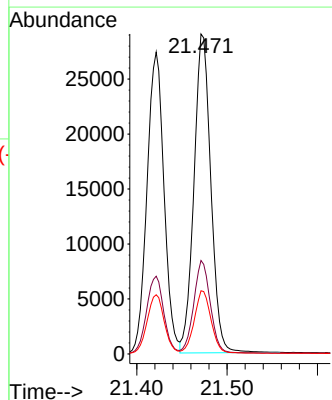
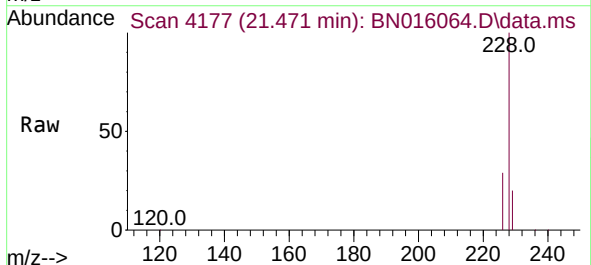
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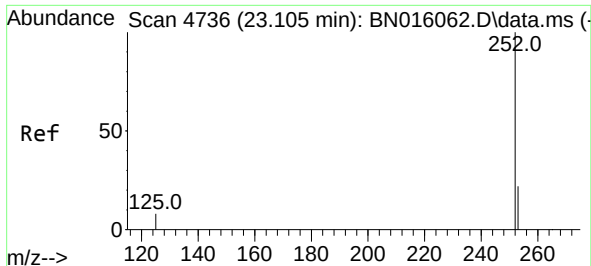
Tgt Ion:228	Resp:	35889
Ion Ratio	Lower	Upper
228	100	
229	19.6	16.0 24.0
226	25.8	20.6 31.0



#22
Chrysene
Concen: 1.116 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:228	Resp:	37573
Ion Ratio	Lower	Upper
228	100	
226	29.2	23.4 35.0
229	19.7	16.4 24.6

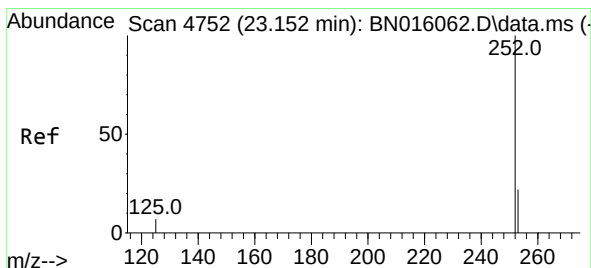
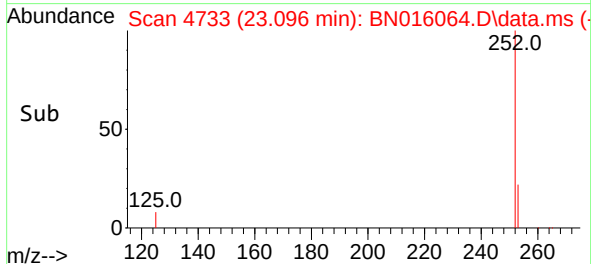
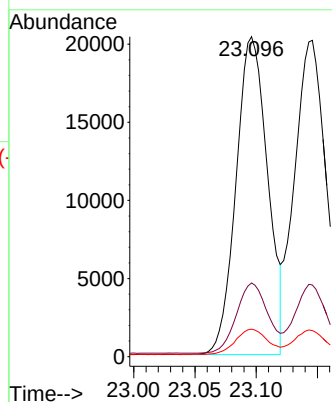
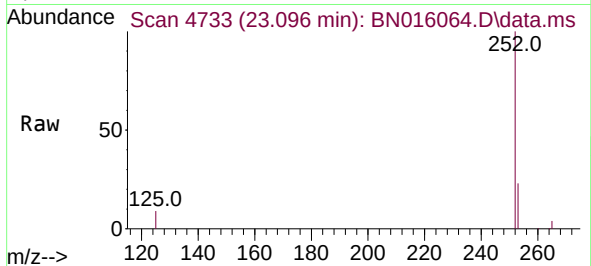




#24
Benzo(b)fluoranthene
Concen: 1.226 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

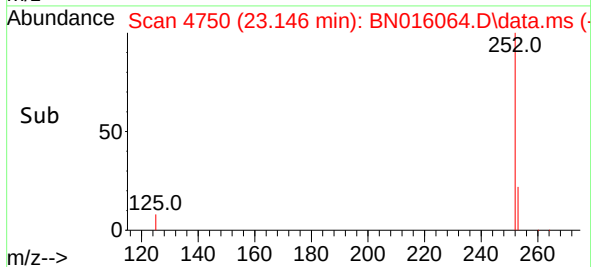
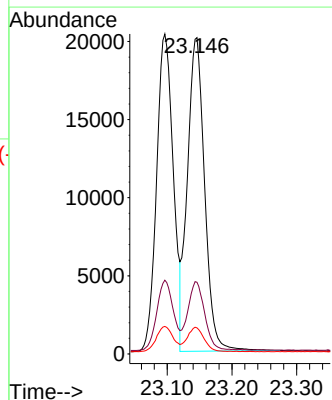
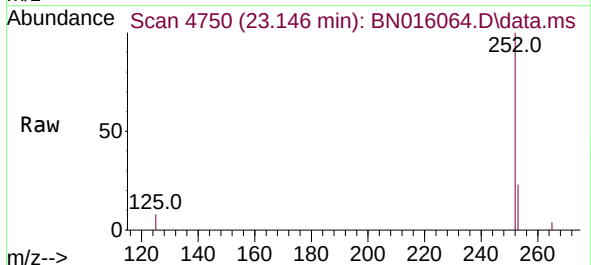
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

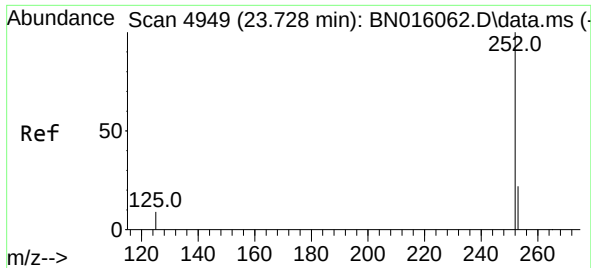
Tgt Ion:252	Resp:	36455
Ion Ratio	Lower	Upper
252	100	
253	23.0	0.0 50.6
125	8.6	0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 1.108 ng/ul
RT: 23.146 min Scan# 4750
Delta R.T. -0.006 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:252	Resp:	37173
Ion Ratio	Lower	Upper
252	100	
253	22.7	20.7 31.1
125	8.3	8.2 12.4

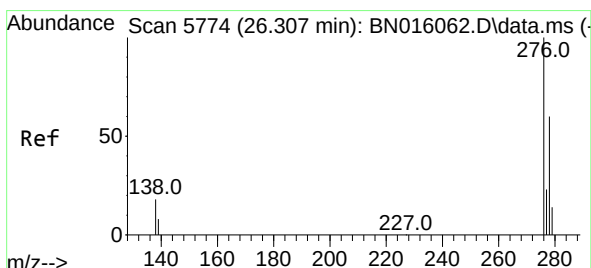
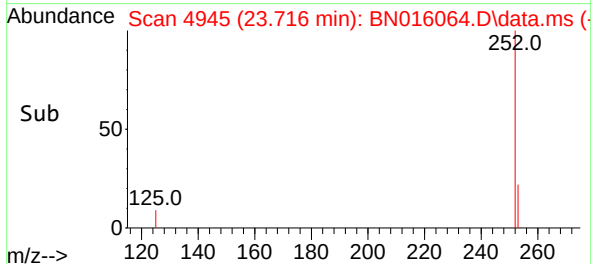
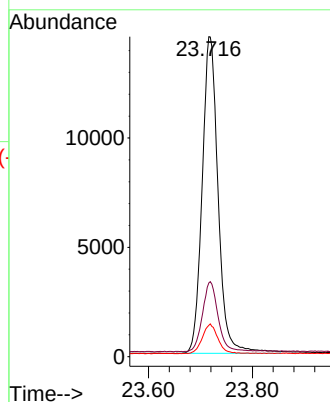
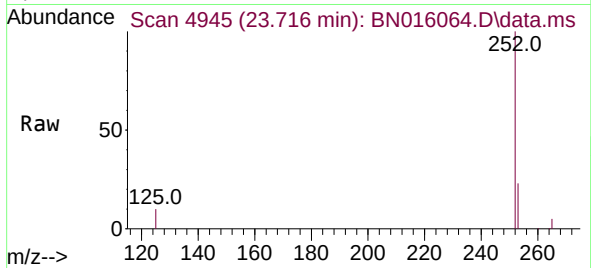




#26
Benzo(a)pyrene
Concen: 1.237 ng/ul
RT: 23.716 min Scan# 4945
Delta R.T. -0.012 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

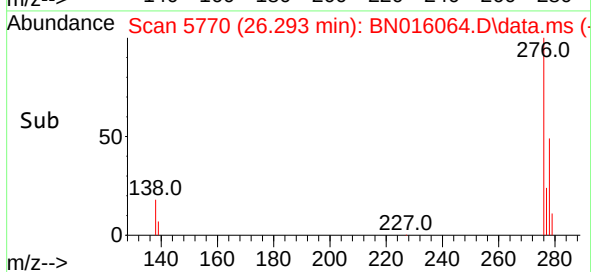
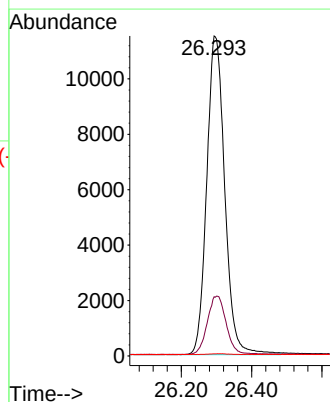
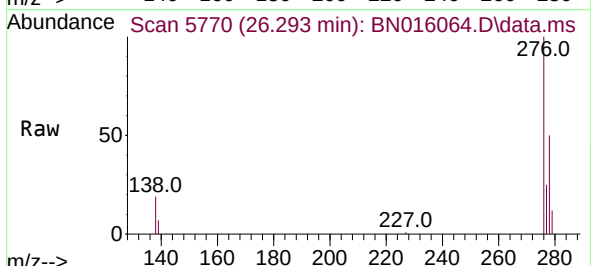
Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

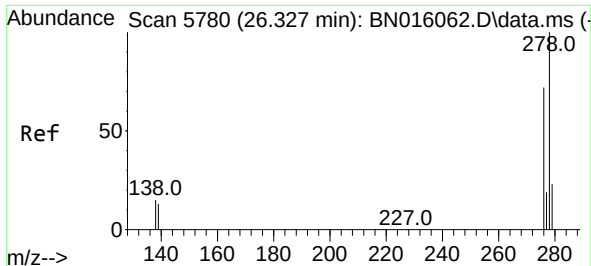
Tgt Ion:252 Resp: 30897
Ion Ratio Lower Upper
252 100
253 23.0 22.1 33.1
125 9.8 10.2 15.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.355 ng/ul
RT: 26.293 min Scan# 5770
Delta R.T. -0.013 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:276 Resp: 40875
Ion Ratio Lower Upper
276 100
138 19.2 15.1 22.7
227 0.2 0.1 0.1#

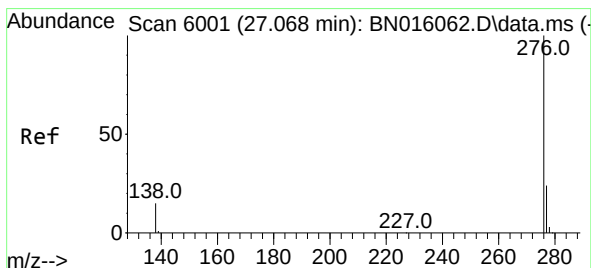
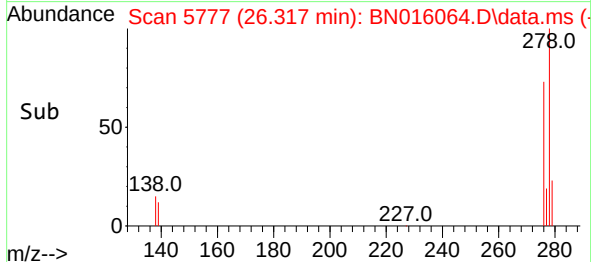
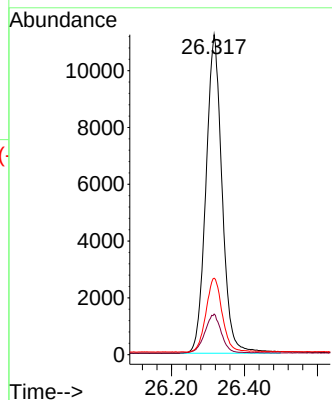
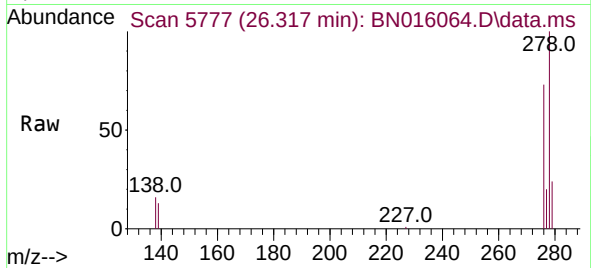




#28
Dibenzo(a,h)anthracene
Concen: 1.460 ng/ul
RT: 26.317 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Instrument :
BNA_N
ClientSampleId :
SSTD1.6205

Tgt Ion:278 Resp: 34528
Ion Ratio Lower Upper
278 100
139 12.7 12.0 18.0
279 23.9 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 1.234 ng/ul
RT: 27.055 min Scan# 5997
Delta R.T. -0.013 min
Lab File: BN016064.D
Acq: 25 Aug 2021 18:38

Tgt Ion:276 Resp: 34490
Ion Ratio Lower Upper
276 100
138 16.4 13.8 20.8
277 24.4 20.5 30.7

