

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN12221\
 Data File : BN018169.D
 Acq On : 23 Dec 2021 02:10
 Operator : CG/JU
 Sample : PB141516BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS516

Quant Time: Dec 23 02:49:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 14:08:04 2021
 Response via : Initial Calibration

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

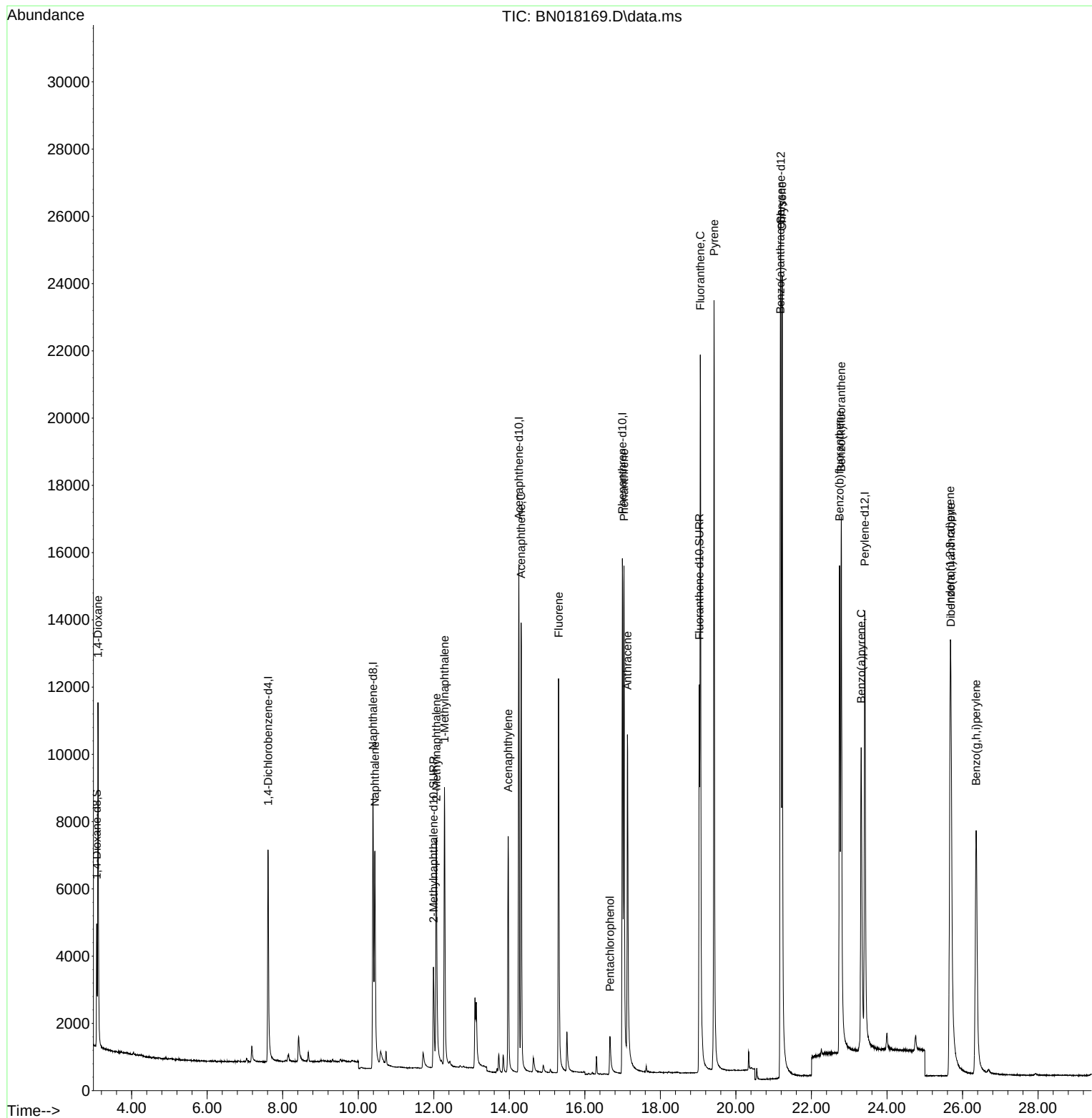
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	4238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.392	136	13755	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.253	164	8920	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	20147	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	19700	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	18395	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	2302	0.526	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	5209	0.275	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	15397	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	6625	1.251	ng/ul	89
5) Naphthalene	10.442	128	10585	0.271	ng/ul	100
7) 2-Methylnaphthalene	12.070	142	6648	0.264	ng/ul	99
8) 1-Methylnaphthalene	12.284	142	6873	0.263	ng/ul	100
10) Acenaphthylene	13.970	152	9462	0.268	ng/ul	99
11) Acenaphthene	14.313	153	8322	0.268	ng/ul	98
12) Fluorene	15.307	166	9528	0.265	ng/ul	98
14) Pentachlorophenol	16.665	266	1300	0.343	ng/ul	97
15) Phenanthrene	17.036	178	17649	0.268	ng/ul	100
16) Anthracene	17.129	178	13774	0.259	ng/ul	100
19) Fluoranthene	19.058	202	21663	0.287	ng/ul	99
20) Pyrene	19.421	202	22682	0.286	ng/ul	99
21) Benzo(a)anthracene	21.176	228	17217	0.263	ng/ul	99
22) Chrysene	21.225	228	23207	0.289	ng/ul	100
24) Benzo(b)fluoranthene	22.745	252	20325	0.289	ng/ul	98
25) Benzo(k)fluoranthene	22.789	252	24894	0.284	ng/ul	100
26) Benzo(a)pyrene	23.318	252	18159	0.272	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.675	276	22641	0.258	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.692	278	16999	0.255	ng/ul	98
29) Benzo(g,h,i)perylene	26.363	276	19137	0.264	ng/ul	99

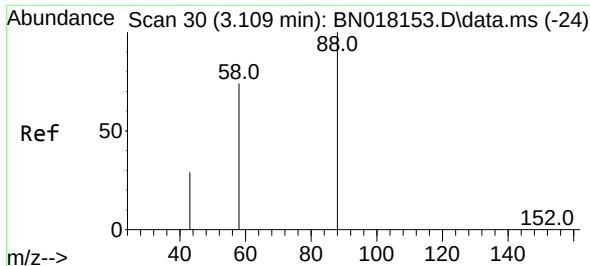
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122221\
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Sample : PB141516BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 23 02:49:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 14:08:04 2021
Response via : Initial Calibration

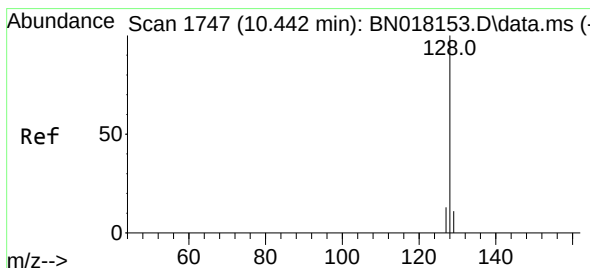
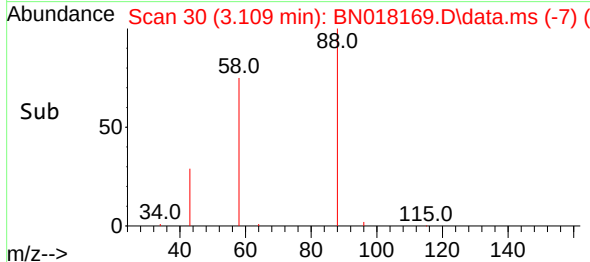
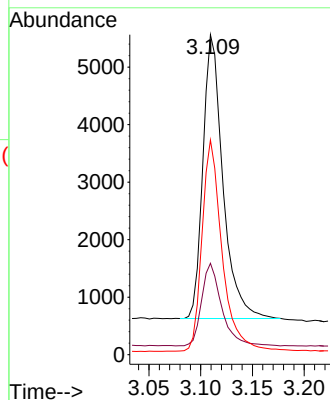
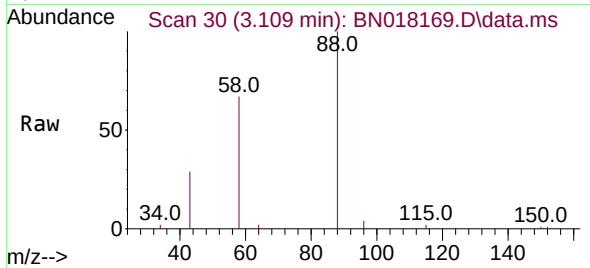




#2
1,4-Dioxane
Concen: 1.251 ng/ul
RT: 3.109 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

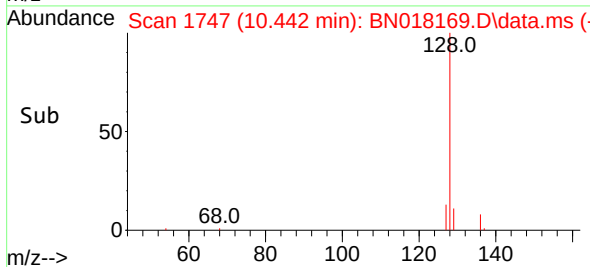
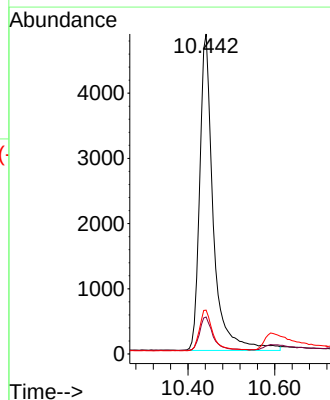
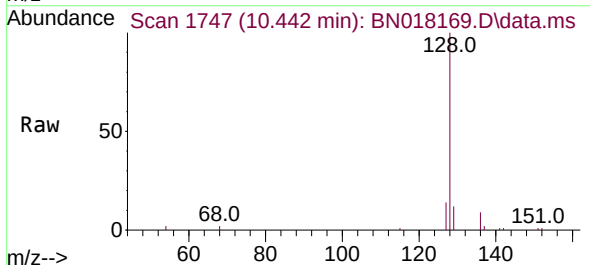
Instrument :
BNA_N
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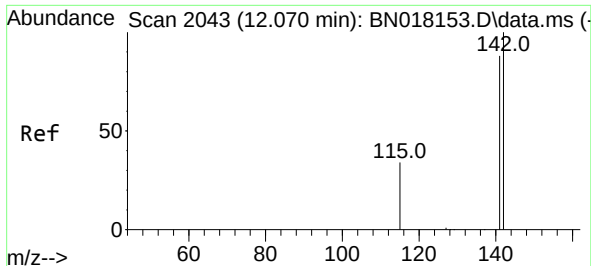
Tgt Ion: 88 Resp: 6625
Ion Ratio Lower Upper
88 100
43 28.5 24.6 36.8
58 67.1 45.2 67.8



#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. 0.004 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Tgt Ion: 128 Resp: 10585
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 11.1 16.7

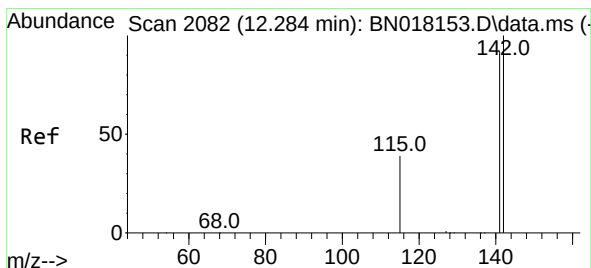
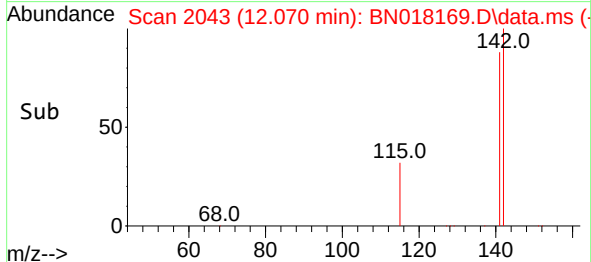
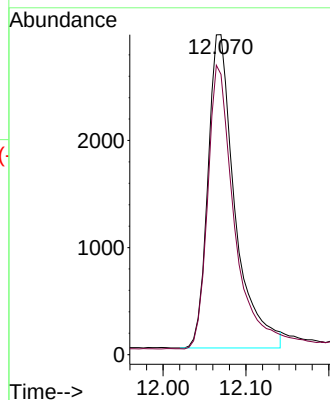
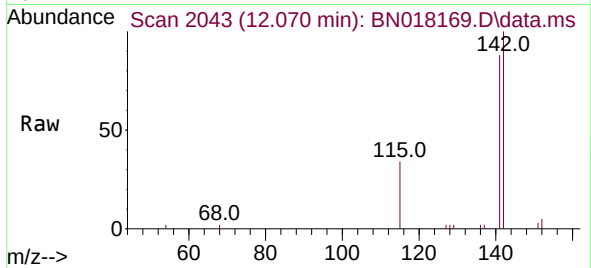




#7
2-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. 0.004 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

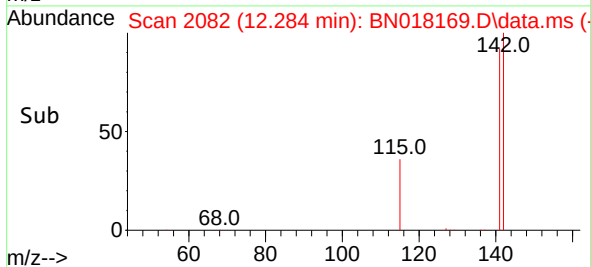
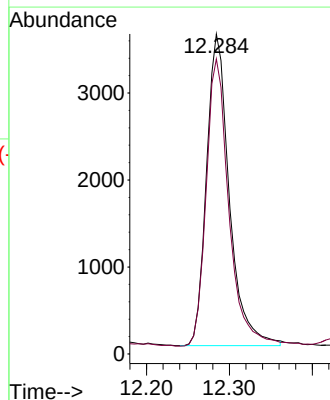
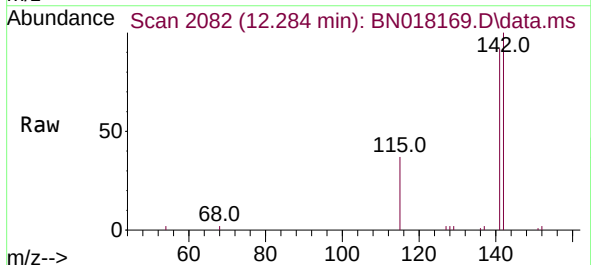
Instrument :
BNA_N
ClientSampleId :
SLCS516

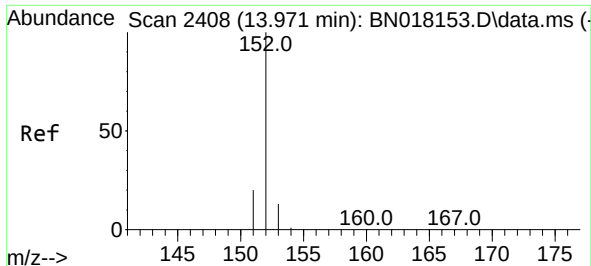
Tgt Ion:142 Resp: 6648
Ion Ratio Lower Upper
142 100
141 88.8 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Tgt Ion:142 Resp: 6873
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8

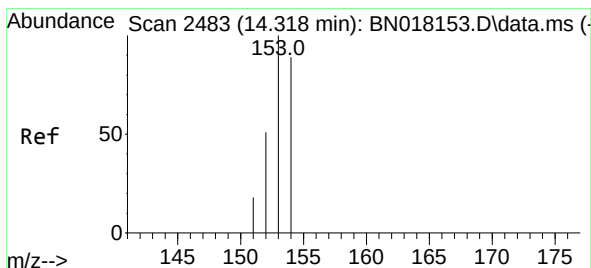
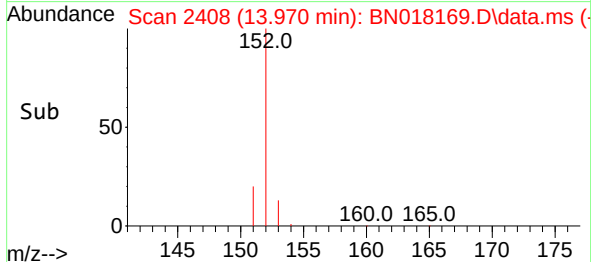
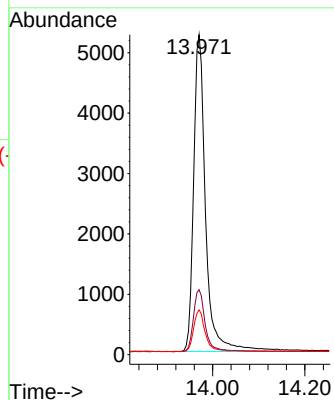
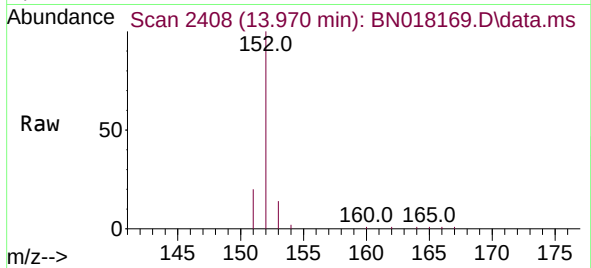




#10
Acenaphthylene
Concen: 0.268 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

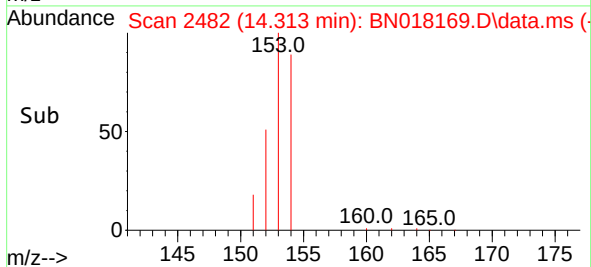
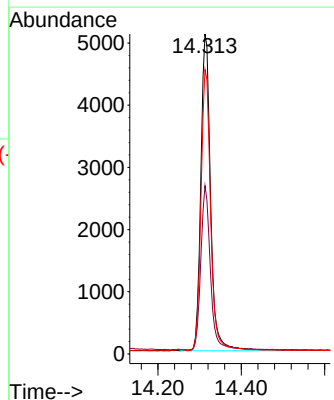
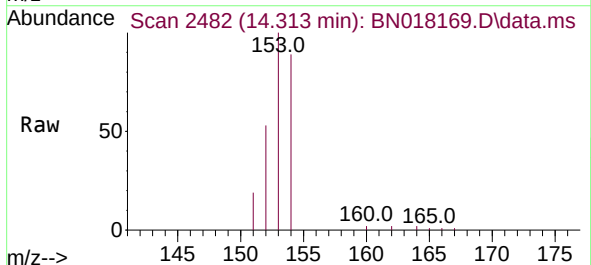
Instrument :
BNA_N
ClientSampleId :
SLCS516

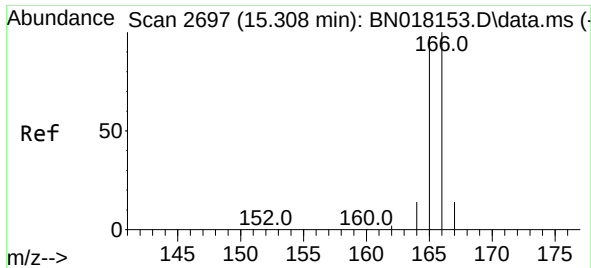
Tgt Ion:152 Resp: 9462
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.0 11.0 16.4



#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Tgt Ion:153 Resp: 8322
Ion Ratio Lower Upper
153 100
152 52.6 40.8 61.2
154 88.9 70.3 105.5

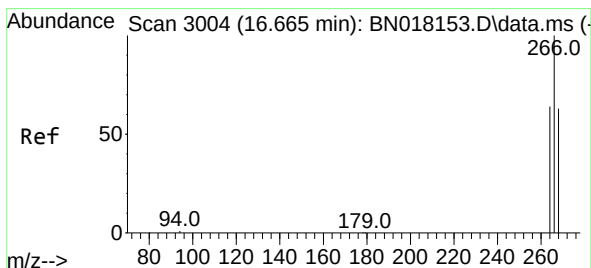
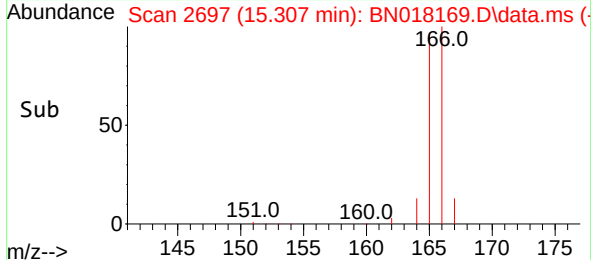
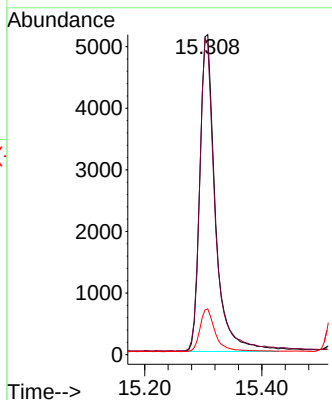
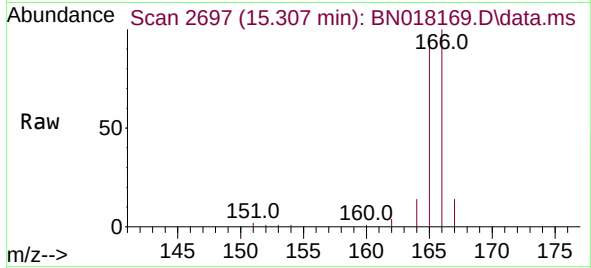




#12
 Fluorene
 Concen: 0.265 ng/ul
 RT: 15.307 min Scan# 2697
 Delta R.T. 0.003 min
 Lab File: BN018169.D
 Acq: 23 Dec 2021 02:10

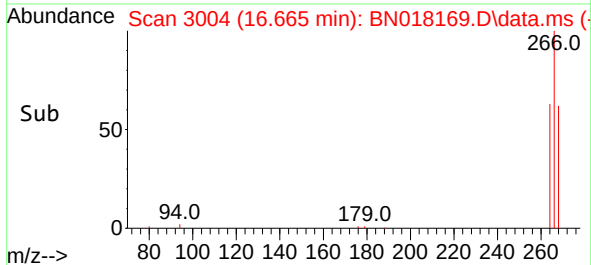
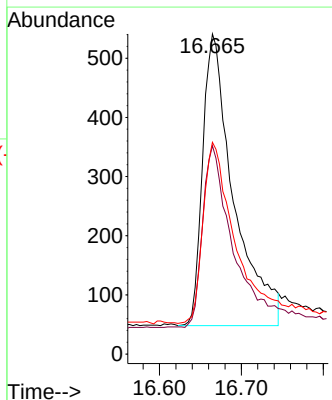
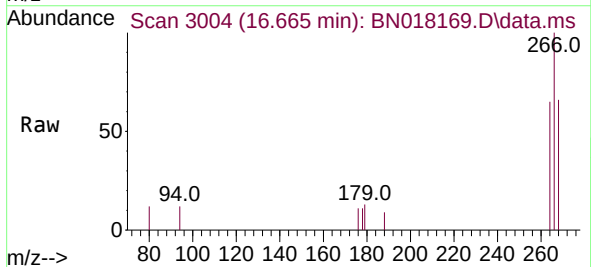
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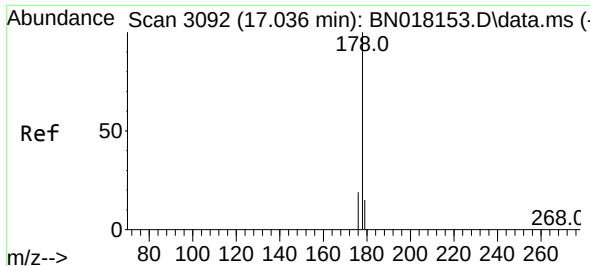
Tgt Ion:166 Resp: 9528
 Ion Ratio Lower Upper
 166 100
 165 96.8 79.2 118.8
 167 14.3 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.343 ng/ul
 RT: 16.665 min Scan# 3004
 Delta R.T. 0.003 min
 Lab File: BN018169.D
 Acq: 23 Dec 2021 02:10

Tgt Ion:266 Resp: 1300
 Ion Ratio Lower Upper
 266 100
 264 60.9 51.9 77.9
 268 64.1 51.8 77.6

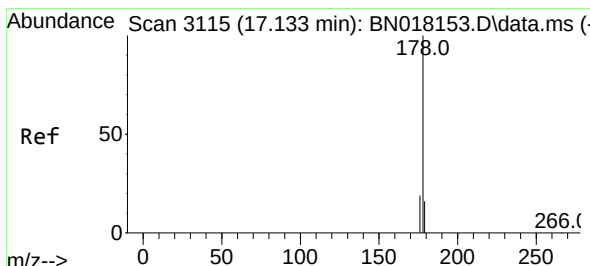
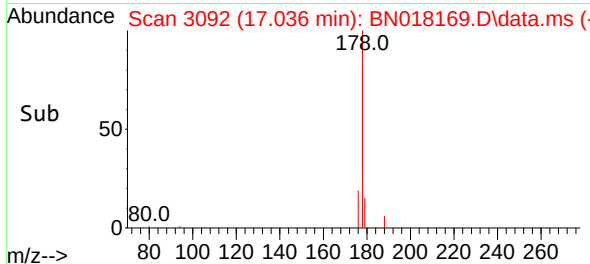
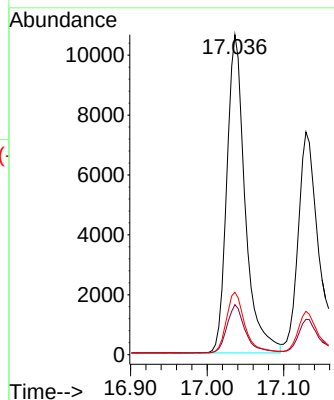
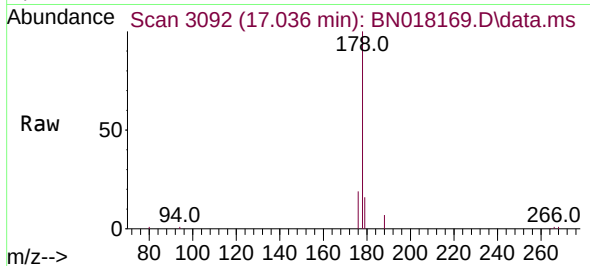




#15
Phenanthrene
Concen: 0.268 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

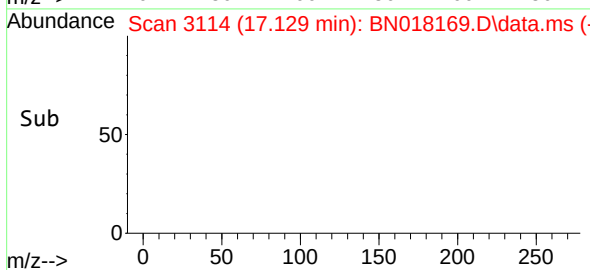
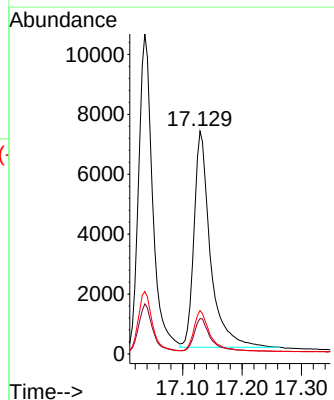
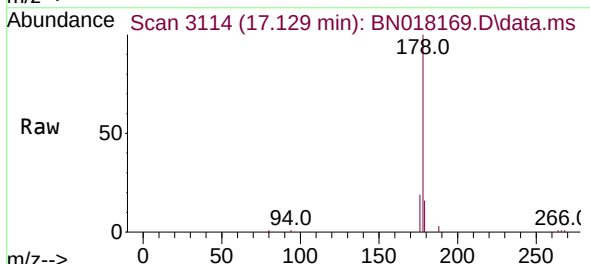
Instrument :
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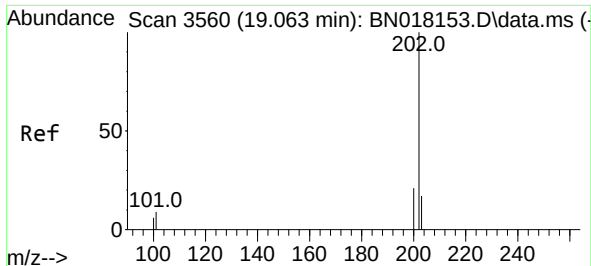
Tgt Ion:178	Resp:	17649
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.4 18.6
176	19.5	15.5 23.3



#16
Anthracene
Concen: 0.259 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Tgt Ion:178	Resp:	13774
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.7 19.1
176	19.5	15.3 22.9

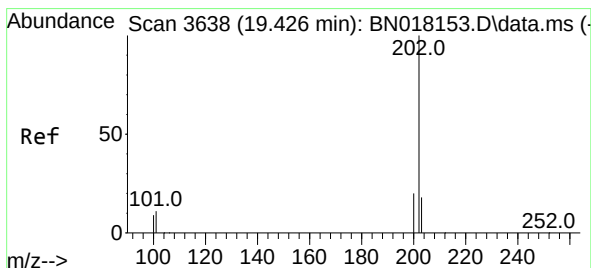
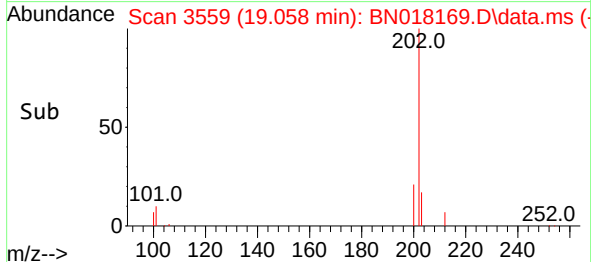
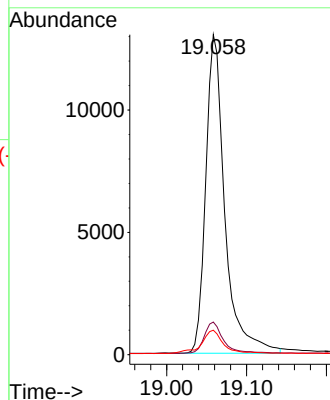
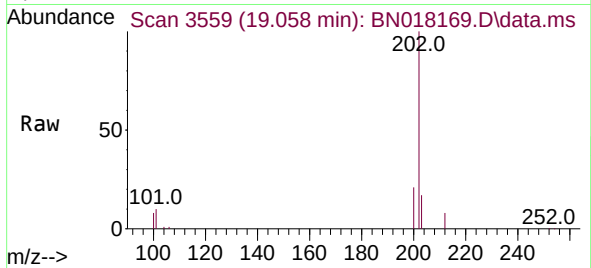




#19
Fluoranthene
Concen: 0.287 ng/ul
RT: 19.058 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

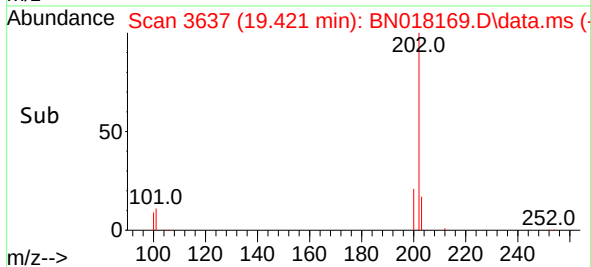
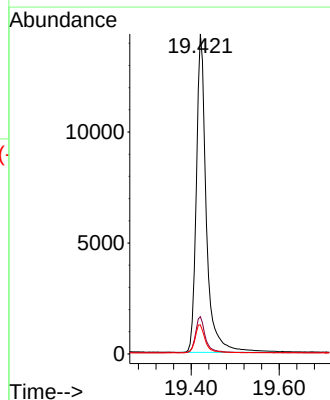
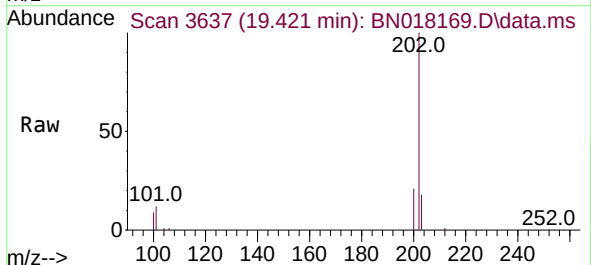
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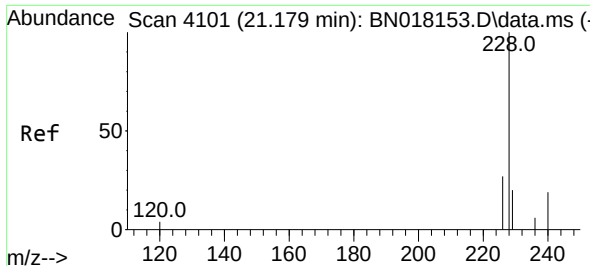
Tgt Ion:202 Resp: 21663
Ion Ratio Lower Upper
202 100
101 10.2 7.9 11.9
100 7.7 5.8 8.8



#20
Pyrene
Concen: 0.286 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

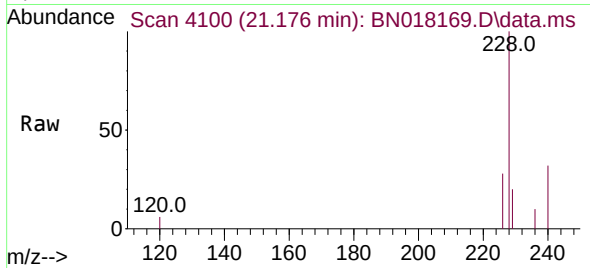
Tgt Ion:202 Resp: 22682
Ion Ratio Lower Upper
202 100
101 11.6 8.9 13.3
100 9.1 7.0 10.4



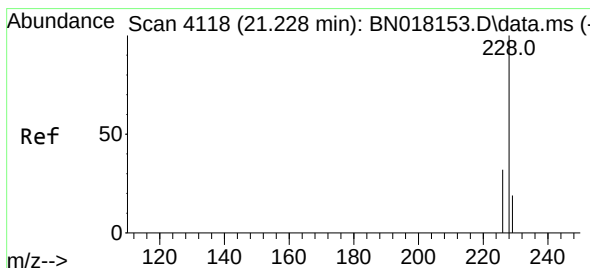
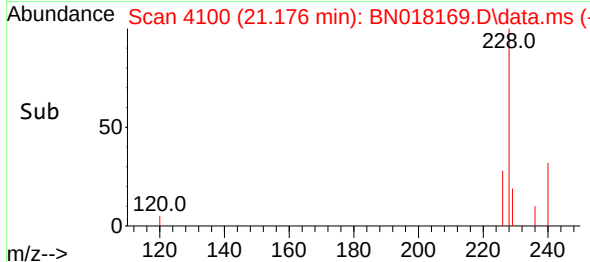
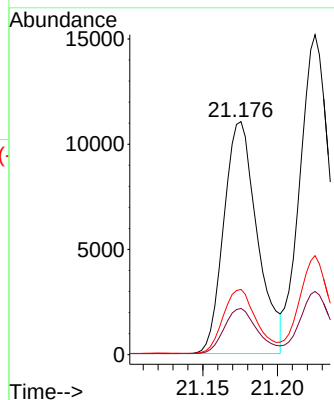


#21
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.176 min Scan# 4101
Delta R.T. 0.002 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Instrument :
BNA_N
ClientSampleId :
SLCS516

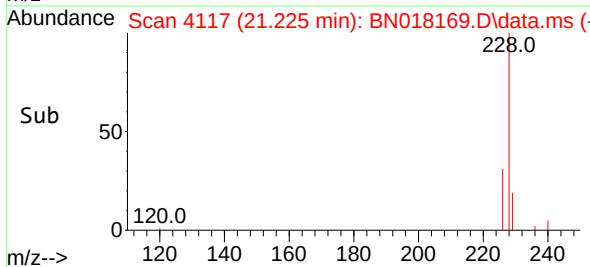
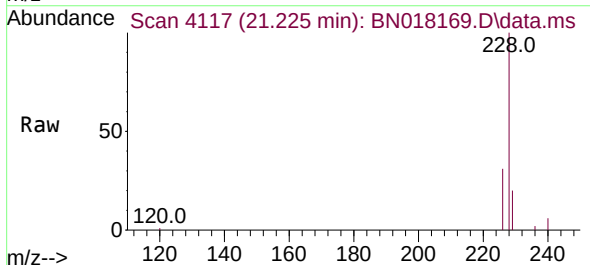
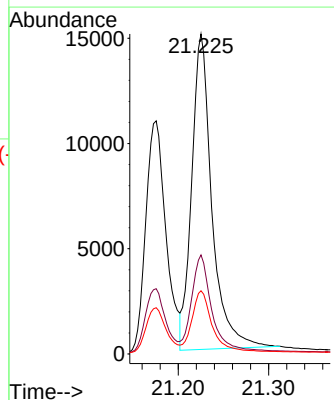


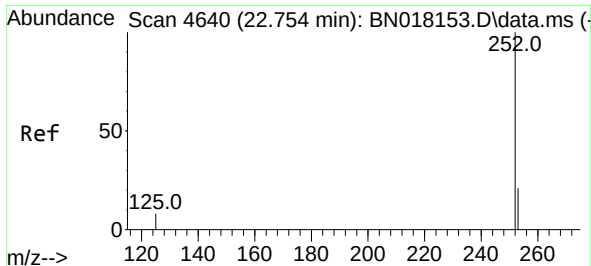
Tgt Ion:228 Resp: 17217
Ion Ratio Lower Upper
228 100
229 19.8 15.3 22.9
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.225 min Scan# 4117
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Tgt Ion:228 Resp: 23207
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 19.7 15.7 23.5

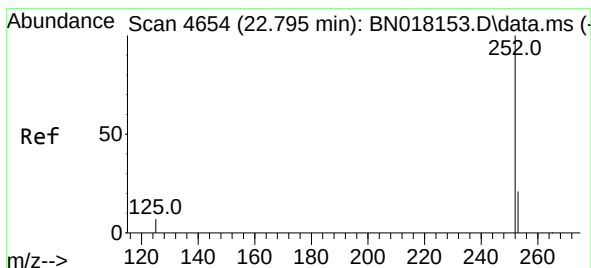
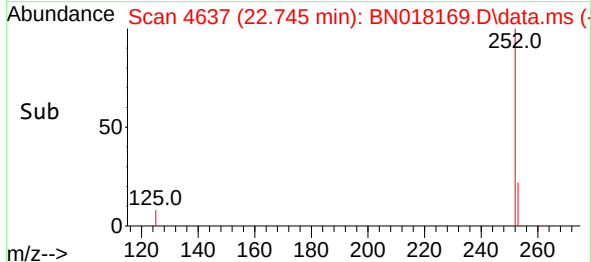
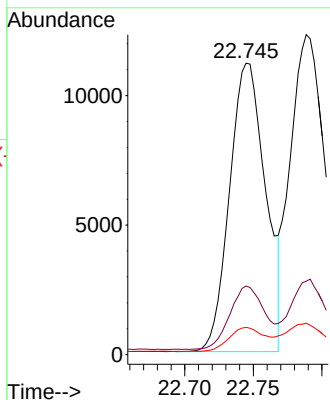
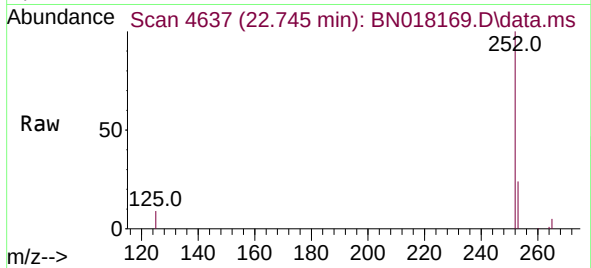




#24
Benzo(b)fluoranthene
Concen: 0.289 ng/ul
RT: 22.745 min Scan# 4637
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

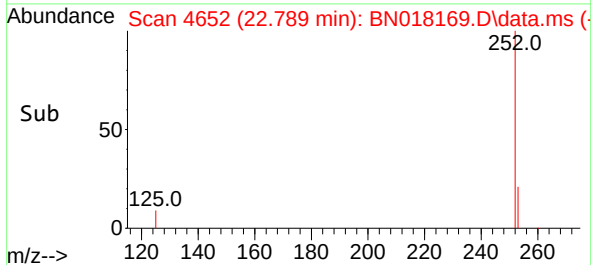
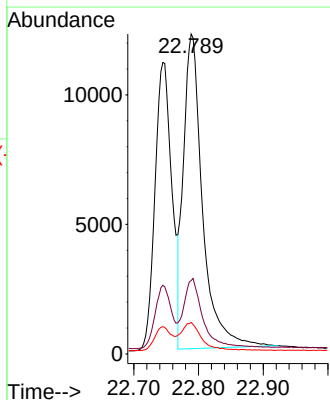
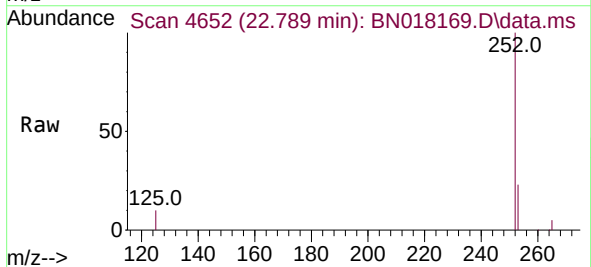
Instrument :
BNA_N
ClientSampleId :
SLCS516

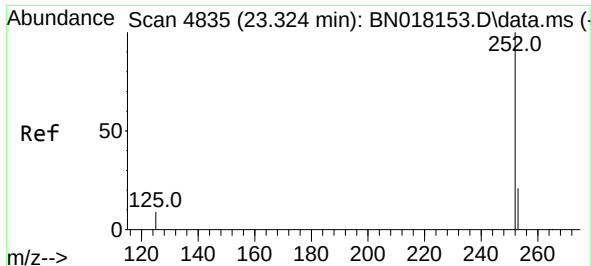
Tgt Ion:252 Resp: 20325
Ion Ratio Lower Upper
252 100
253 23.5 0.0 45.2
125 9.4 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.284 ng/ul
RT: 22.789 min Scan# 4652
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Tgt Ion:252 Resp: 24894
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 9.9 7.7 11.5

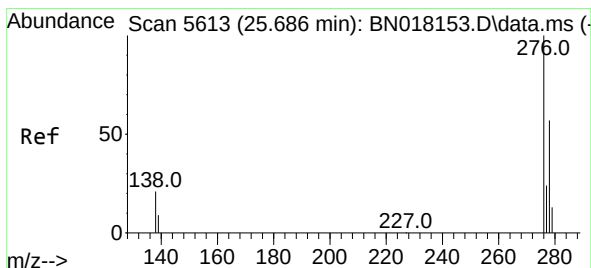
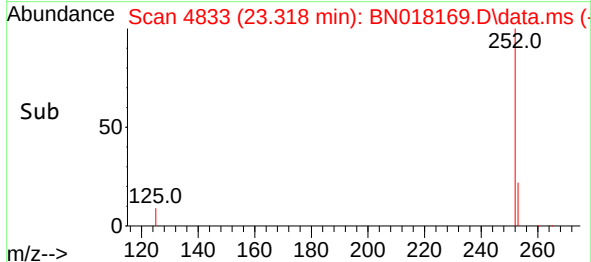
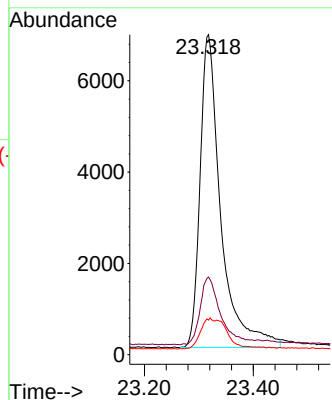
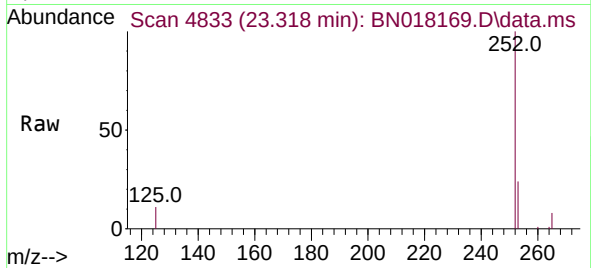




#26
Benzo(a)pyrene
Concen: 0.272 ng/ul
RT: 23.318 min Scan# 4833
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

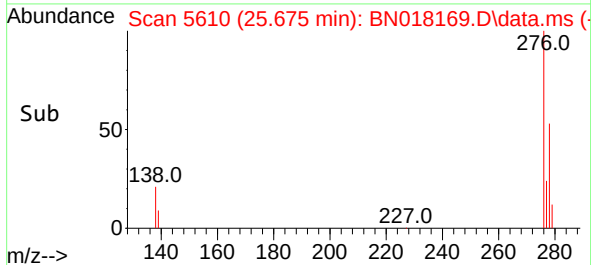
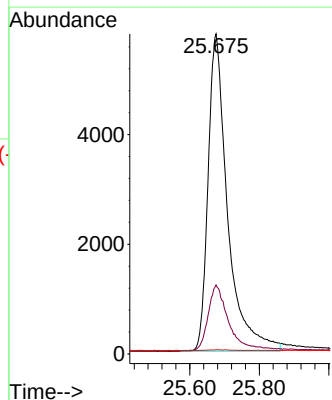
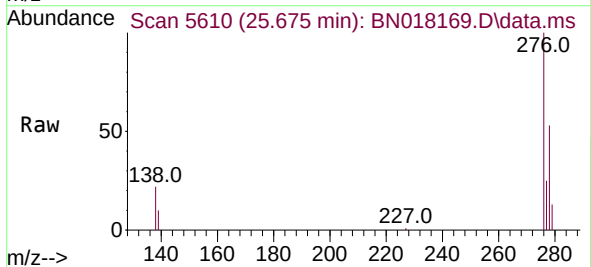
Instrument :
BNA_N
ClientSampleId :
SLCS516

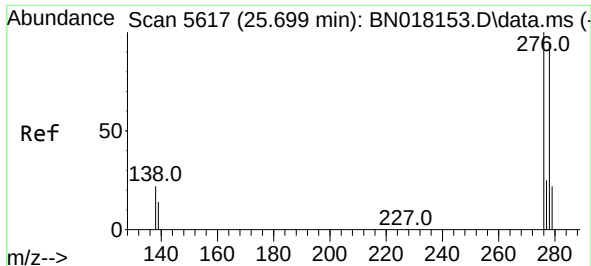
Tgt Ion:252	Resp:	18159
Ion Ratio	Lower	Upper
252	100	
253	24.2	18.6 28.0
125	10.8	8.8 13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.258 ng/ul
RT: 25.675 min Scan# 5610
Delta R.T. -0.001 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Tgt Ion:276	Resp:	22641
Ion Ratio	Lower	Upper
276	100	
138	21.8	17.7 26.5
227	0.1	0.1 0.1#

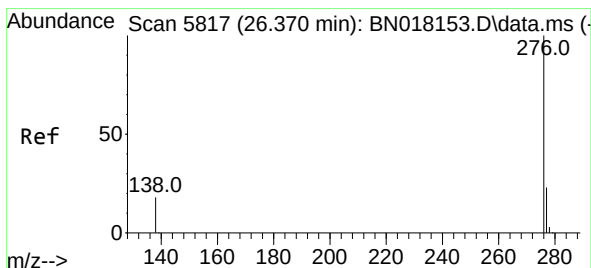
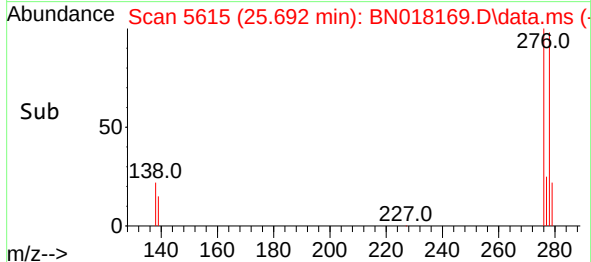
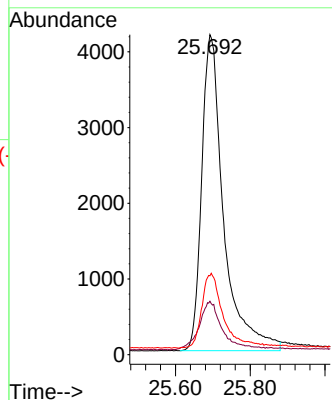
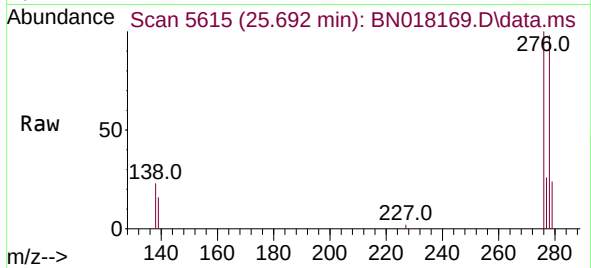




#28
Dibenzo(a,h)anthracene
Concen: 0.255 ng/ul
RT: 25.692 min Scan# 5615
Delta R.T. -0.005 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Instrument :
BNA_N
ClientSampleId :
SLCS516

Tgt Ion:278 Resp: 16999
Ion Ratio Lower Upper
278 100
139 16.7 13.1 19.7
279 24.7 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.264 ng/ul
RT: 26.363 min Scan# 5815
Delta R.T. -0.005 min
Lab File: BN018169.D
Acq: 23 Dec 2021 02:10

Tgt Ion:276 Resp: 19137
Ion Ratio Lower Upper
276 100
138 19.1 15.8 23.8
277 24.4 19.7 29.5

