

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122221\
 Data File : BN018168.D
 Acq On : 23 Dec 2021 01:34
 Operator : CG/JU
 Sample : PB141476BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS476

Quant Time: Dec 23 02:14:21 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)

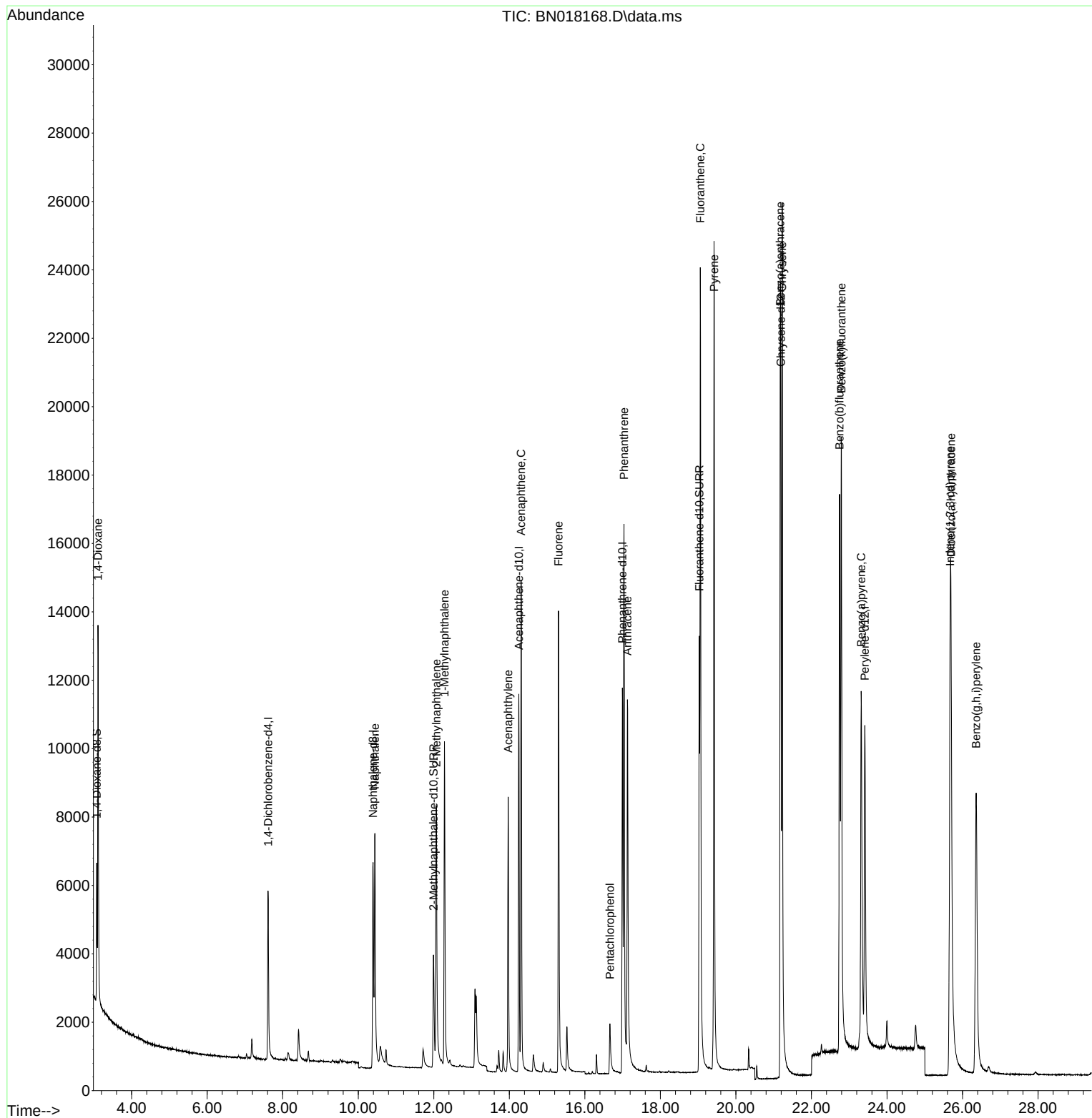
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.392	136	10242	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.252	164	6649	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	14862	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	14587	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	13673	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	2473	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	5662	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.030	212	16721	0.423	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.109	88	7364	1.866	ng/ul#	95
5) Naphthalene	10.442	128	11415	0.392	ng/ul	100
7) 2-Methylnaphthalene	12.069	142	7258	0.388	ng/ul	99
8) 1-Methylnaphthalene	12.284	142	7503	0.386	ng/ul	100
10) Acenaphthylene	13.970	152	10285	0.391	ng/ul	99
11) Acenaphthene	14.313	153	8954	0.386	ng/ul	100
12) Fluorene	15.303	166	10406	0.388	ng/ul	99
14) Pentachlorophenol	16.664	266	1588	0.569	ng/ul	98
15) Phenanthrene	17.036	178	18942	0.390	ng/ul	100
16) Anthracene	17.129	178	15100	0.385	ng/ul	99
19) Fluoranthene	19.058	202	23595	0.421	ng/ul	99
20) Pyrene	19.421	202	24614	0.420	ng/ul	97
21) Benzo(a)anthracene	21.172	228	18971	0.391	ng/ul	99
22) Chrysene	21.225	228	25133	0.423	ng/ul	99
24) Benzo(b)fluoranthene	22.744	252	22367	0.427	ng/ul	100
25) Benzo(k)fluoranthene	22.791	252	28041	0.430	ng/ul	100
26) Benzo(a)pyrene	23.317	252	20392	0.411	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.672	276	25516	0.391	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.695	278	19263	0.389	ng/ul	99
29) Benzo(g,h,i)perylene	26.363	276	21148	0.392	ng/ul	99

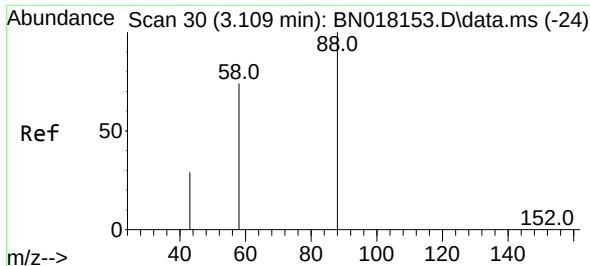
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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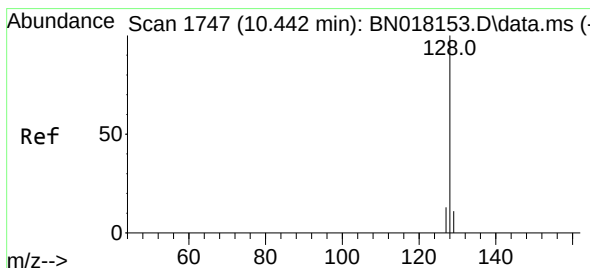
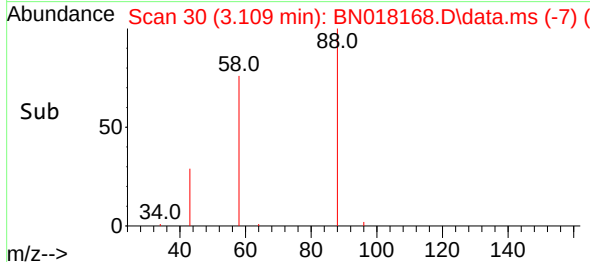
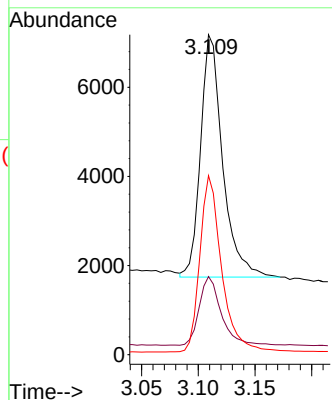
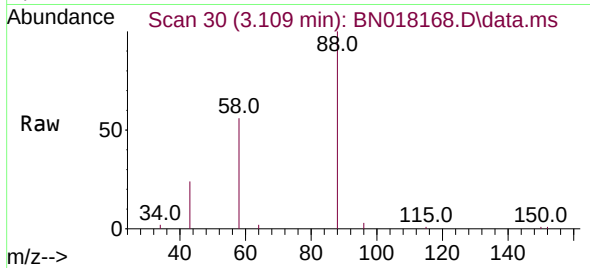




#2
 1,4-Dioxane
 Concen: 1.866 ng/ul
 RT: 3.109 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BN018168.D
 Acq: 23 Dec 2021 01:34

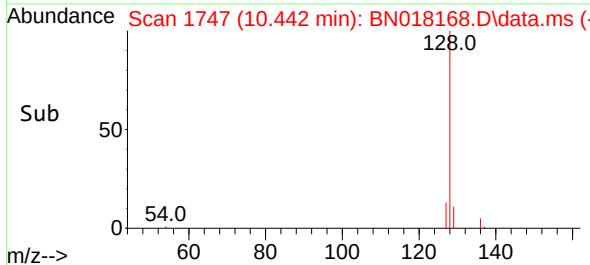
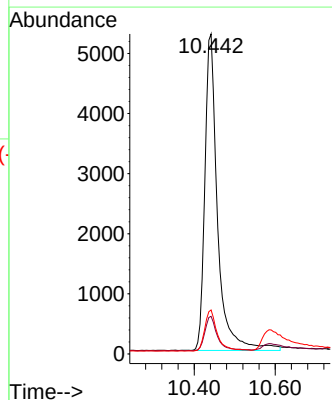
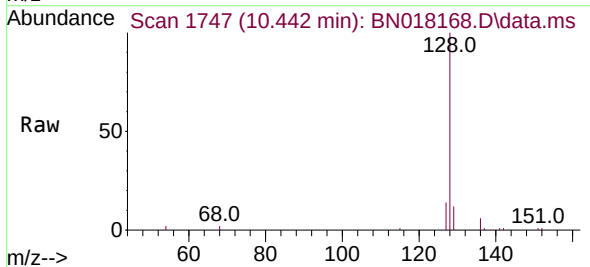
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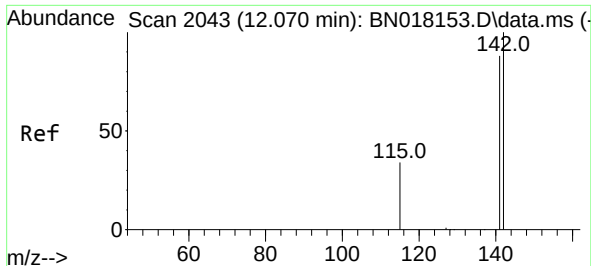
Tgt Ion: 88 Resp: 7364
 Ion Ratio Lower Upper
 88 100
 43 24.4 24.6 36.8#
 58 55.9 45.2 67.8



#5
 Naphthalene
 Concen: 0.392 ng/ul
 RT: 10.442 min Scan# 1747
 Delta R.T. 0.004 min
 Lab File: BN018168.D
 Acq: 23 Dec 2021 01:34

Tgt Ion:128 Resp: 11415
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.3 13.9
 127 13.7 11.1 16.7

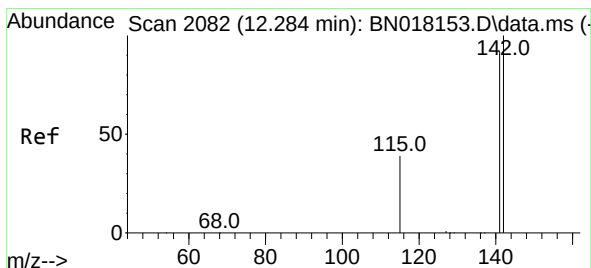
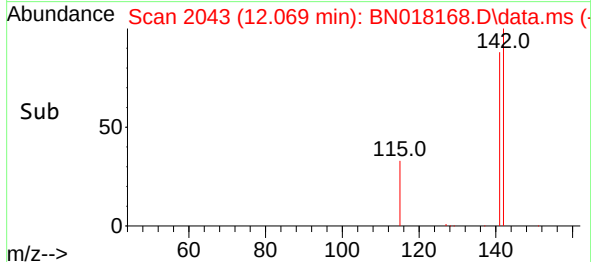
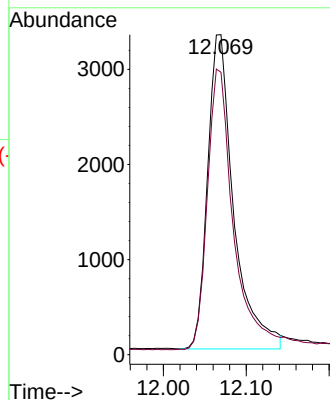
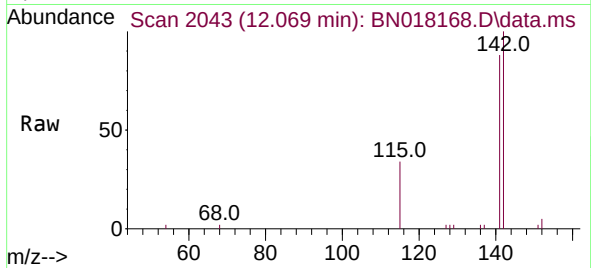




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.069 min Scan# 2043
Delta R.T. 0.004 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

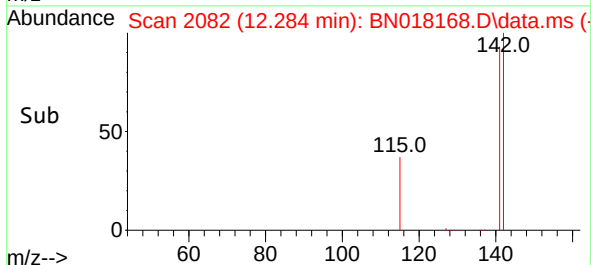
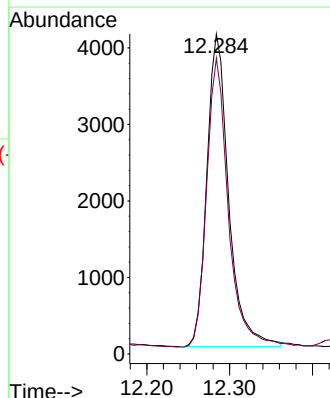
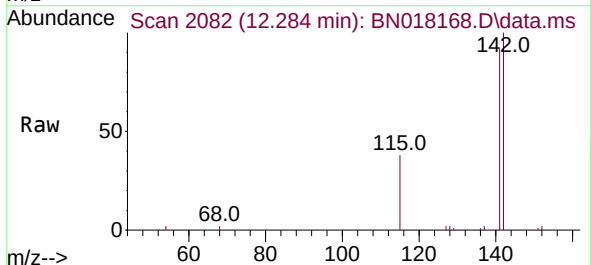
Instrument :
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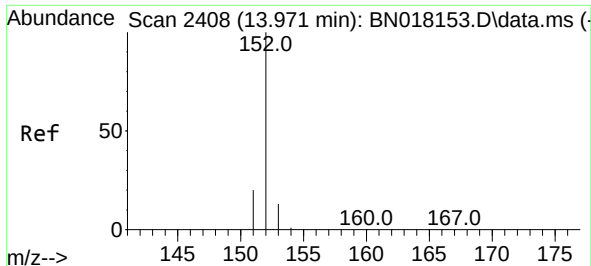
Tgt Ion:142 Resp: 7258
Ion Ratio Lower Upper
142 100
141 89.0 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

Tgt Ion:142 Resp: 7503
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

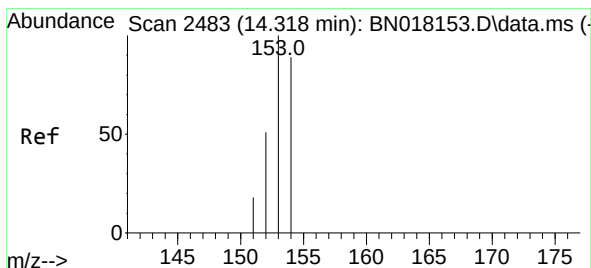
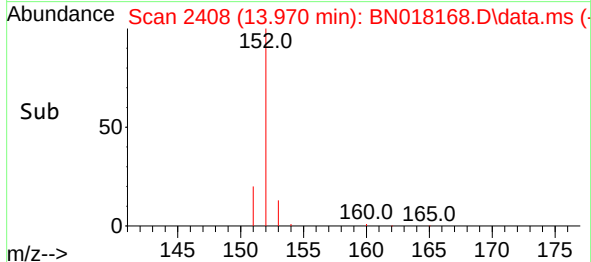
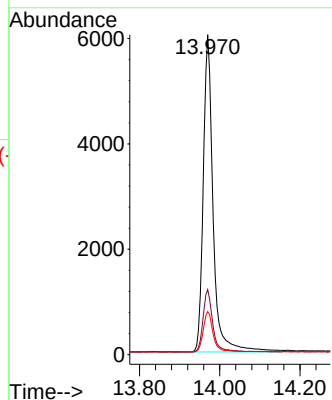
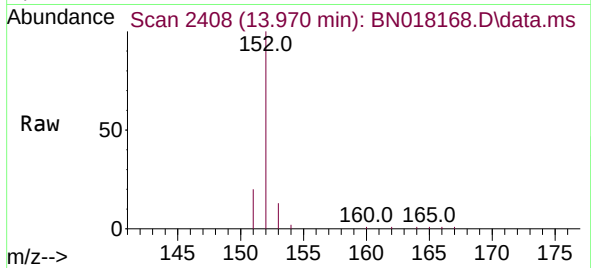




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

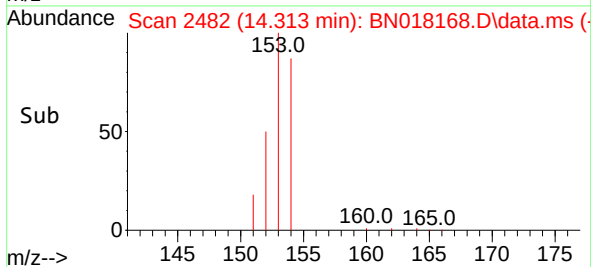
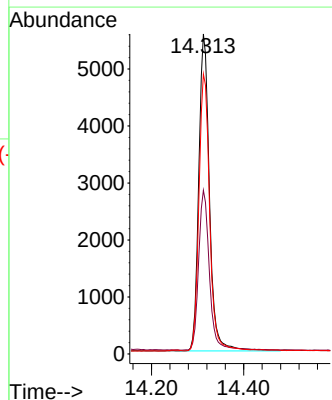
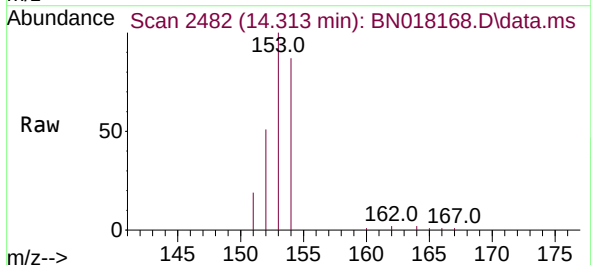
Instrument :
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SLCS476

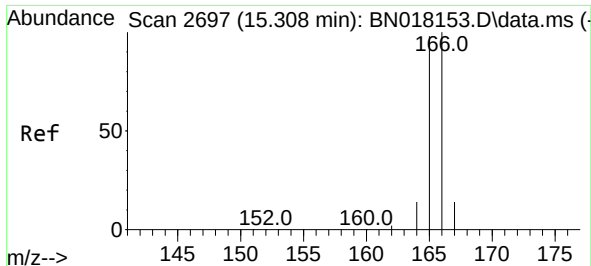
Tgt Ion:152 Resp: 10285
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.4 11.0 16.4



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

Tgt Ion:153 Resp: 8954
Ion Ratio Lower Upper
153 100
152 51.1 40.8 61.2
154 87.5 70.3 105.5

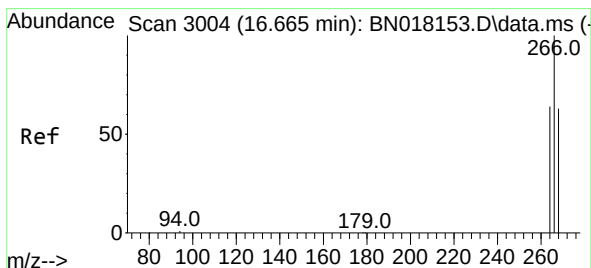
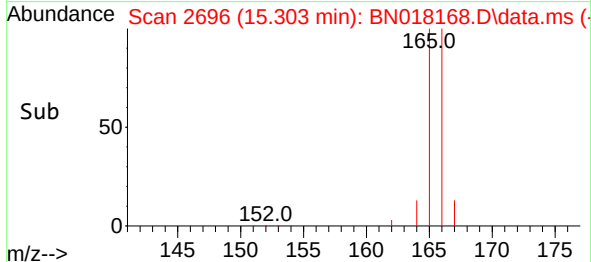
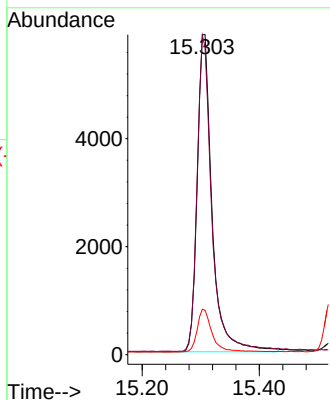
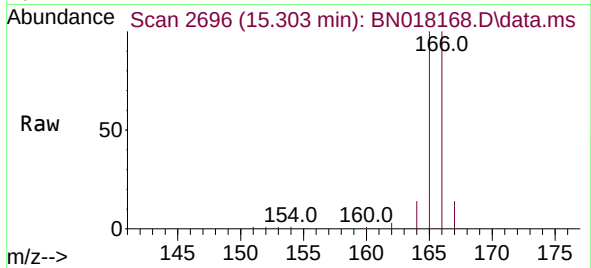




#12
 Fluorene
 Concen: 0.388 ng/ul
 RT: 15.303 min Scan# 2696
 Delta R.T. -0.002 min
 Lab File: BN018168.D
 Acq: 23 Dec 2021 01:34

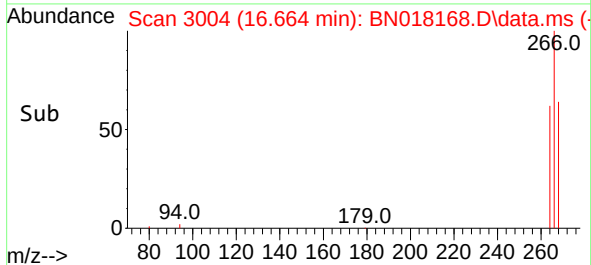
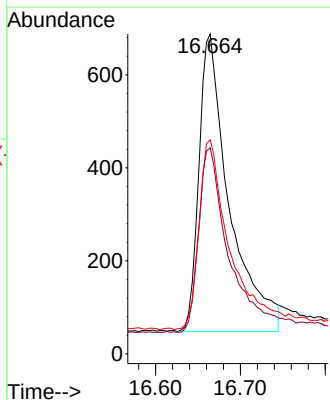
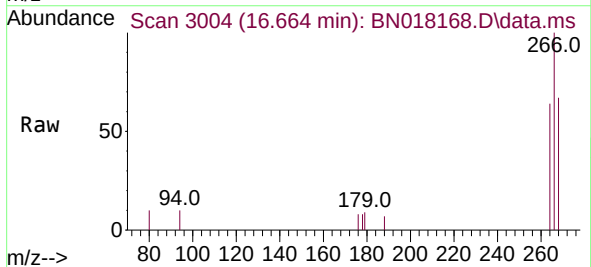
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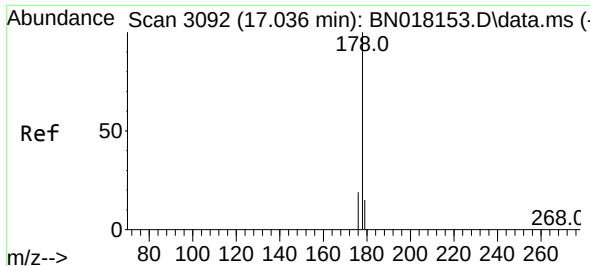
Tgt Ion:166 Resp: 10406
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.2 118.8
 167 14.2 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.569 ng/ul
 RT: 16.664 min Scan# 3004
 Delta R.T. 0.002 min
 Lab File: BN018168.D
 Acq: 23 Dec 2021 01:34

Tgt Ion:266 Resp: 1588
 Ion Ratio Lower Upper
 266 100
 264 61.9 51.9 77.9
 268 64.7 51.8 77.6

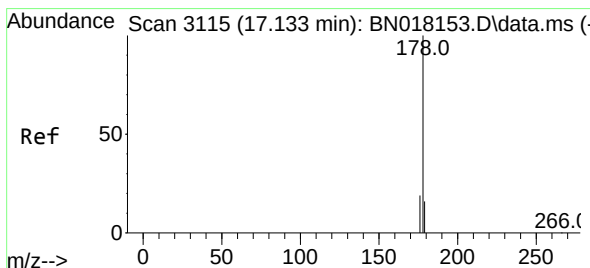
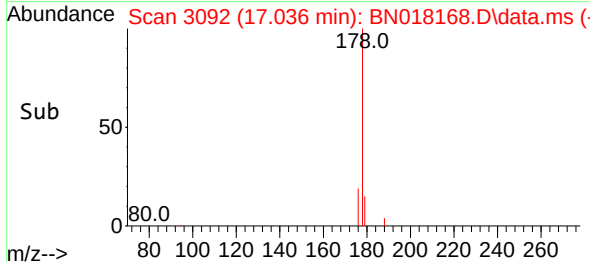
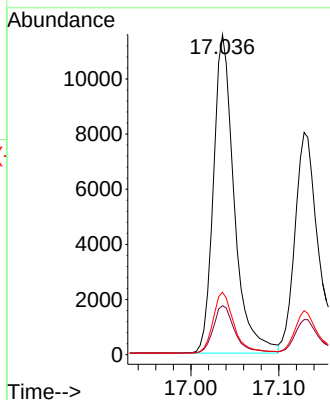
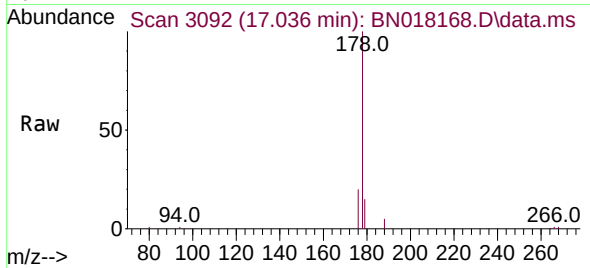




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

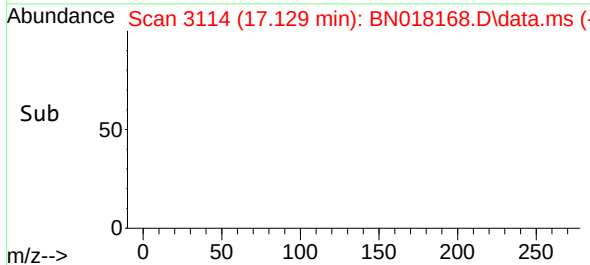
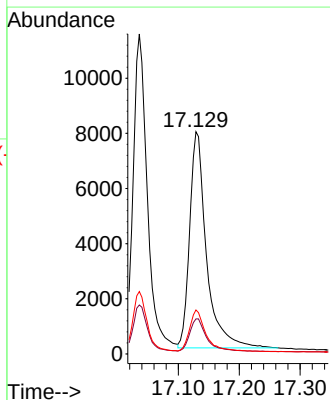
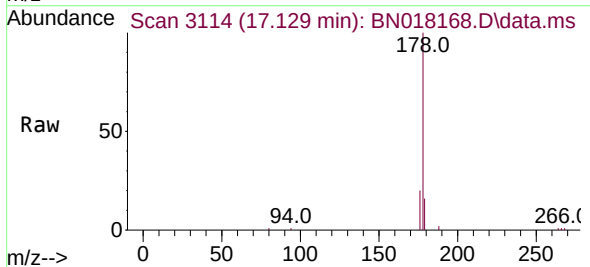
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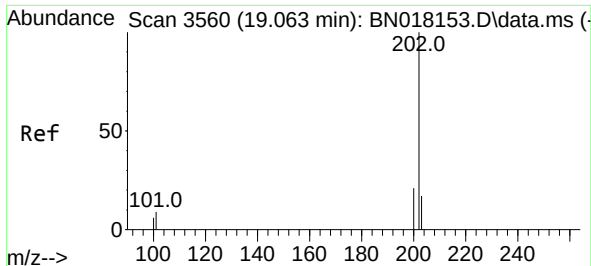
Tgt Ion:178 Resp: 18942
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

Tgt Ion:178 Resp: 15100
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.8 15.3 22.9

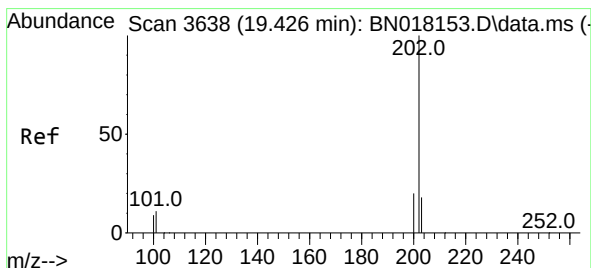
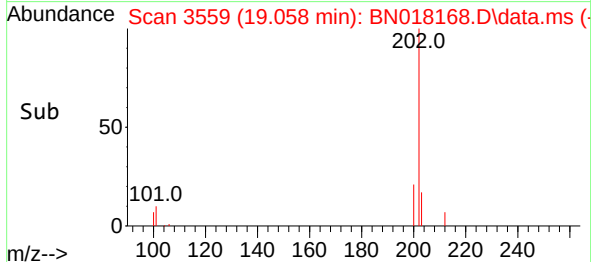
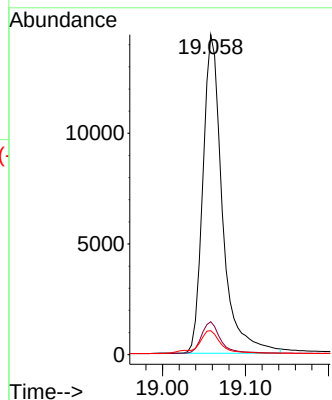
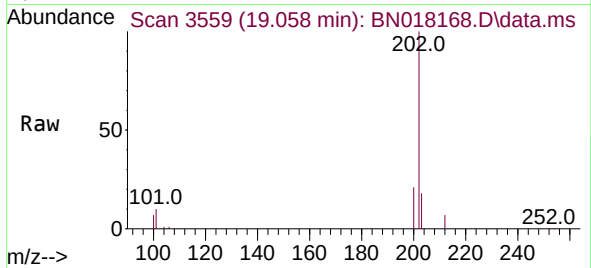




#19
Fluoranthene
Concen: 0.421 ng/ul
RT: 19.058 min Scan# 3559
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

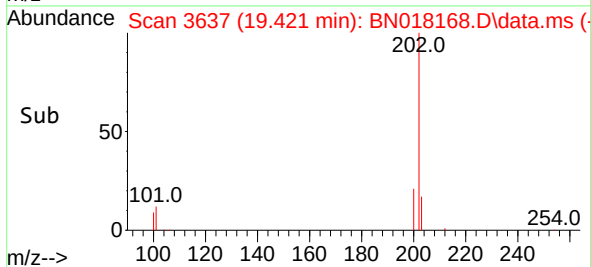
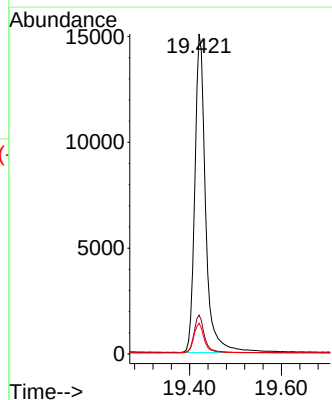
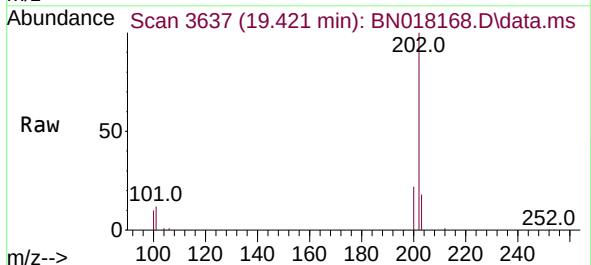
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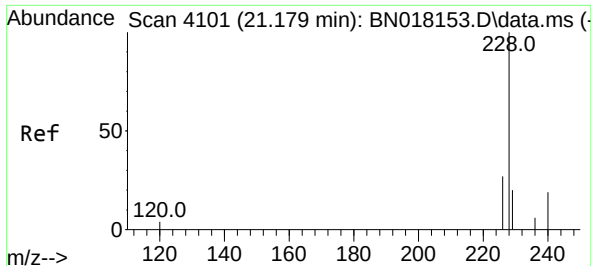
Tgt Ion:202 Resp: 23595
Ion Ratio Lower Upper
202 100
101 10.3 7.9 11.9
100 7.5 5.8 8.8



#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

Tgt Ion:202 Resp: 24614
Ion Ratio Lower Upper
202 100
101 12.1 8.9 13.3
100 9.6 7.0 10.4

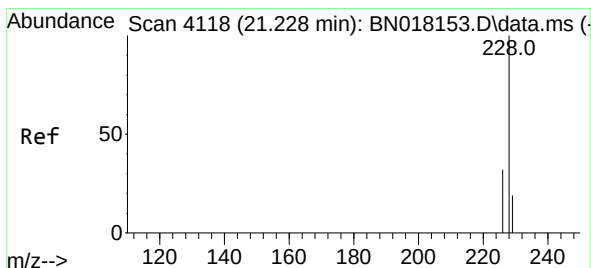
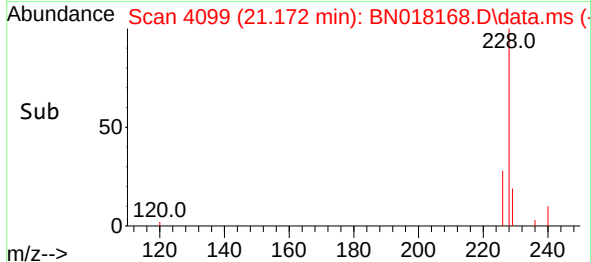
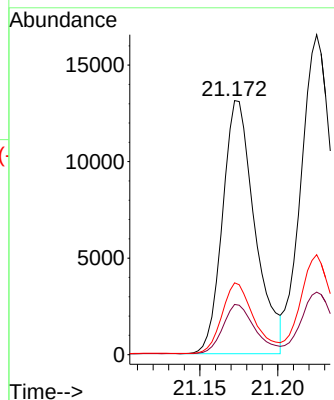
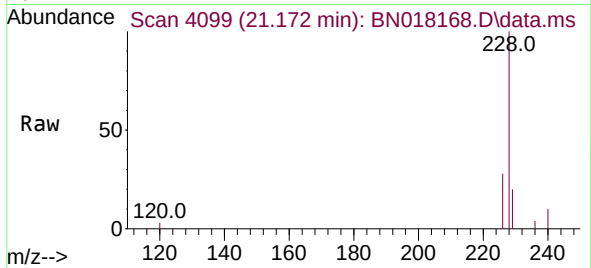




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.172 min Scan# 4101
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

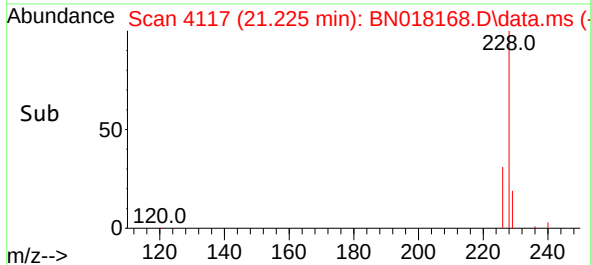
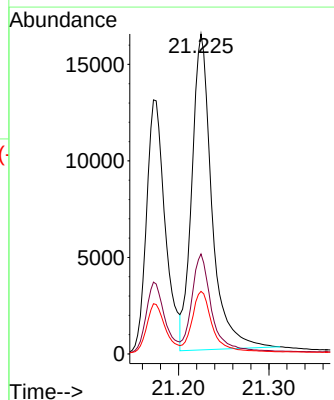
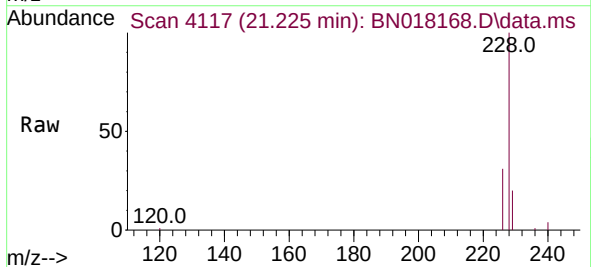
Instrument :
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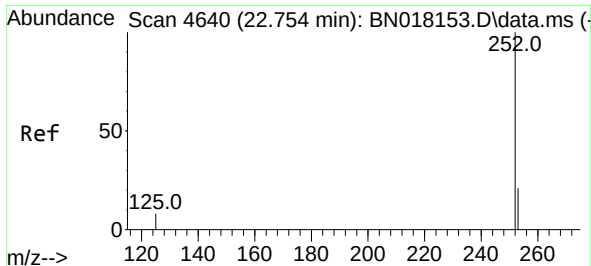
Tgt Ion:228 Resp: 18971
Ion Ratio Lower Upper
228 100
229 19.8 15.3 22.9
226 28.3 22.1 33.1



#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.225 min Scan# 4117
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

Tgt Ion:228 Resp: 25133
Ion Ratio Lower Upper
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226 31.3 24.6 36.8
229 19.5 15.7 23.5

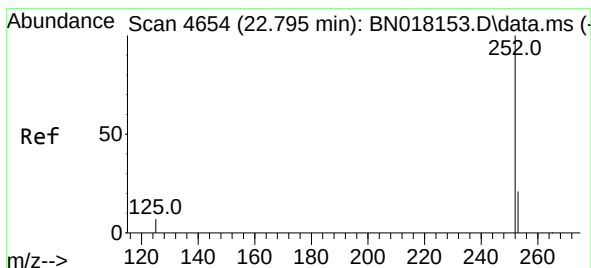
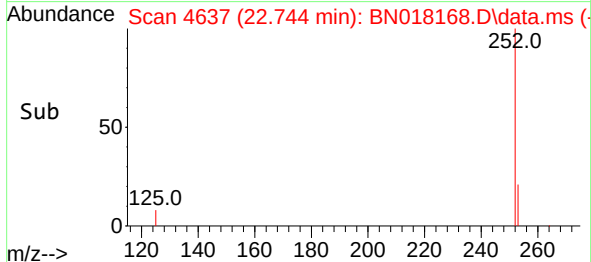
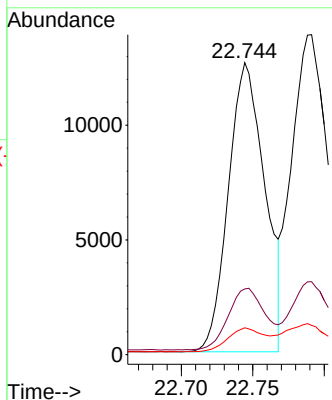
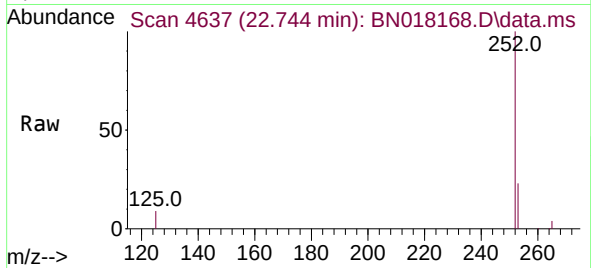




#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul
RT: 22.744 min Scan# 4637
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

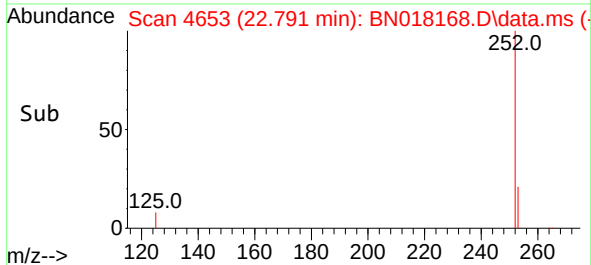
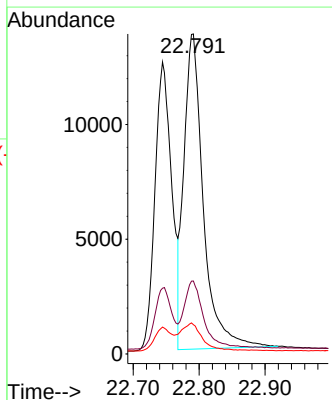
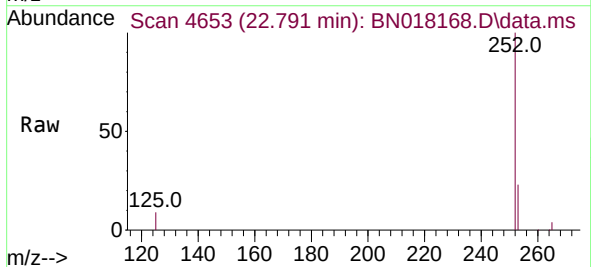
Instrument :
BNA_N
ClientSampleId :
SLCS476

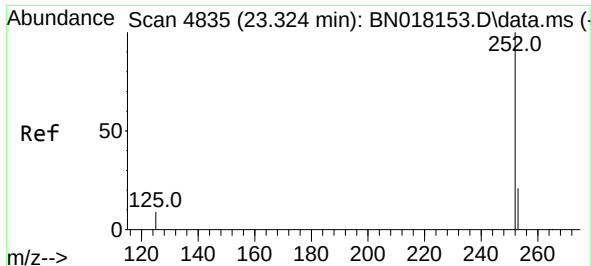
Tgt Ion:252 Resp: 22367
Ion Ratio Lower Upper
252 100
253 22.5 0.0 45.2
125 9.2 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 22.791 min Scan# 4653
Delta R.T. 0.001 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

Tgt Ion:252 Resp: 28041
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 9.2 7.7 11.5

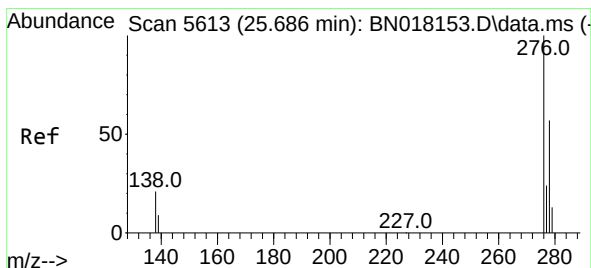
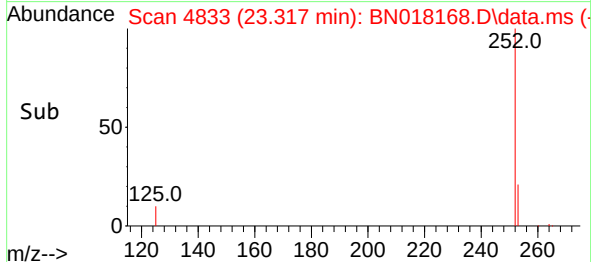
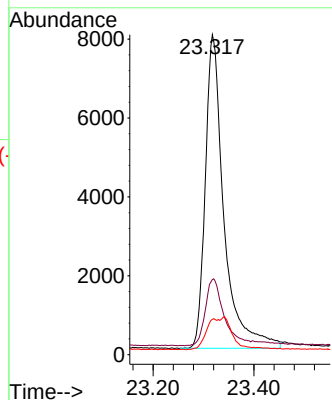
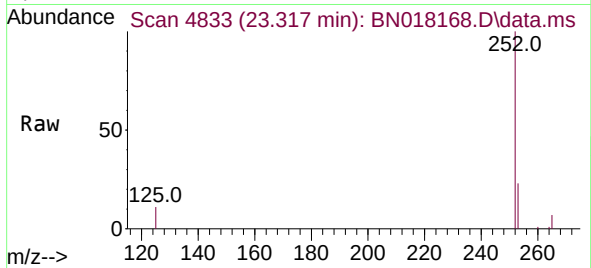




#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.317 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

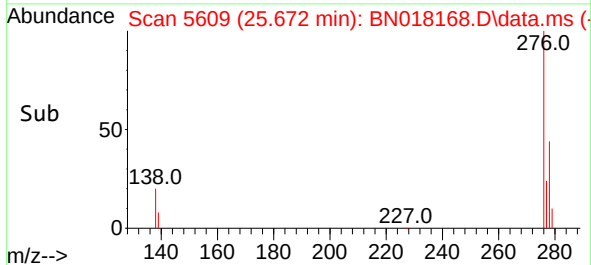
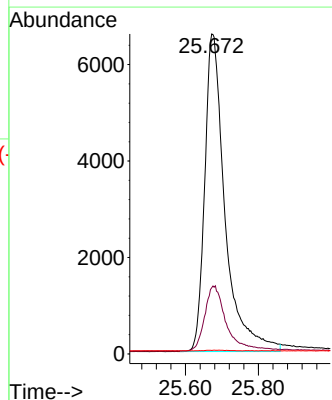
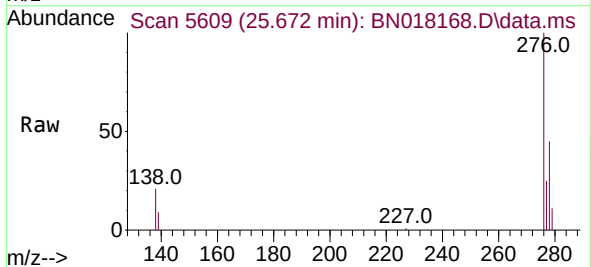
Instrument :
BNA_N
ClientSampleId :
SLCS476

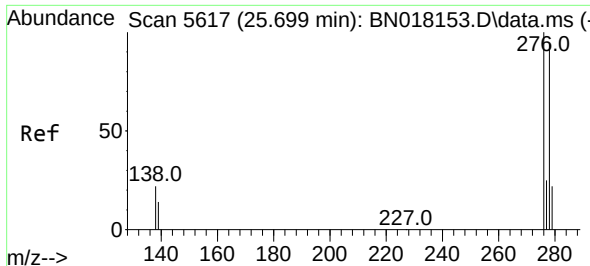
Tgt Ion:252	Resp:	20392
Ion Ratio	Lower	Upper
252	100	
253	23.5	18.6 28.0
125	11.0	8.8 13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 25.672 min Scan# 5609
Delta R.T. -0.005 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

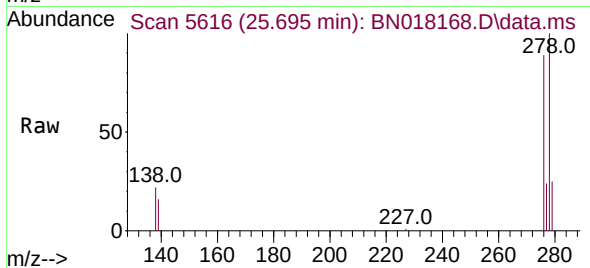
Tgt Ion:276	Resp:	25516
Ion Ratio	Lower	Upper
276	100	
138	21.9	17.7 26.5
227	0.0	0.1 0.1#



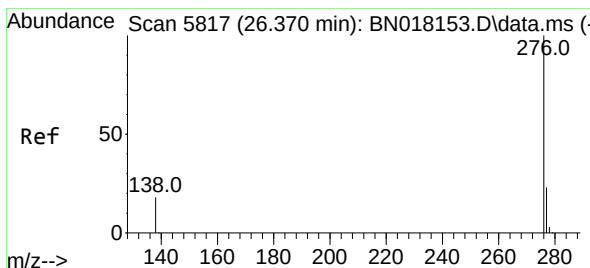
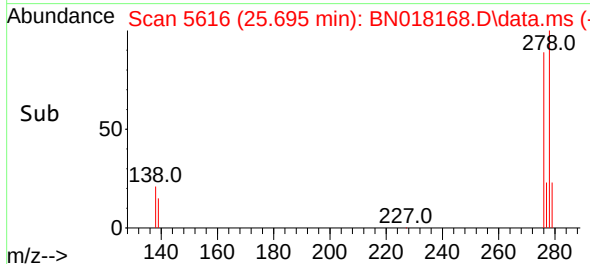
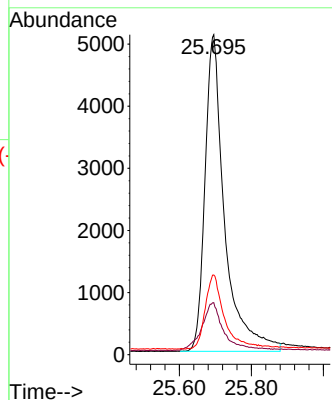


#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 25.695 min Scan# 5616
Delta R.T. -0.002 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS476



Tgt Ion:278 Resp: 19263
Ion Ratio Lower Upper
278 100
139 16.2 13.1 19.7
279 24.9 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 26.363 min Scan# 5815
Delta R.T. -0.005 min
Lab File: BN018168.D
Acq: 23 Dec 2021 01:34

Tgt Ion:276 Resp: 21148
Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.8
277 23.8 19.7 29.5

