

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019939.D
 Acq On : 25 May 2022 00:43
 Operator : CG/JU
 Sample : PB144964BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS035

Quant Time: May 25 01:46:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

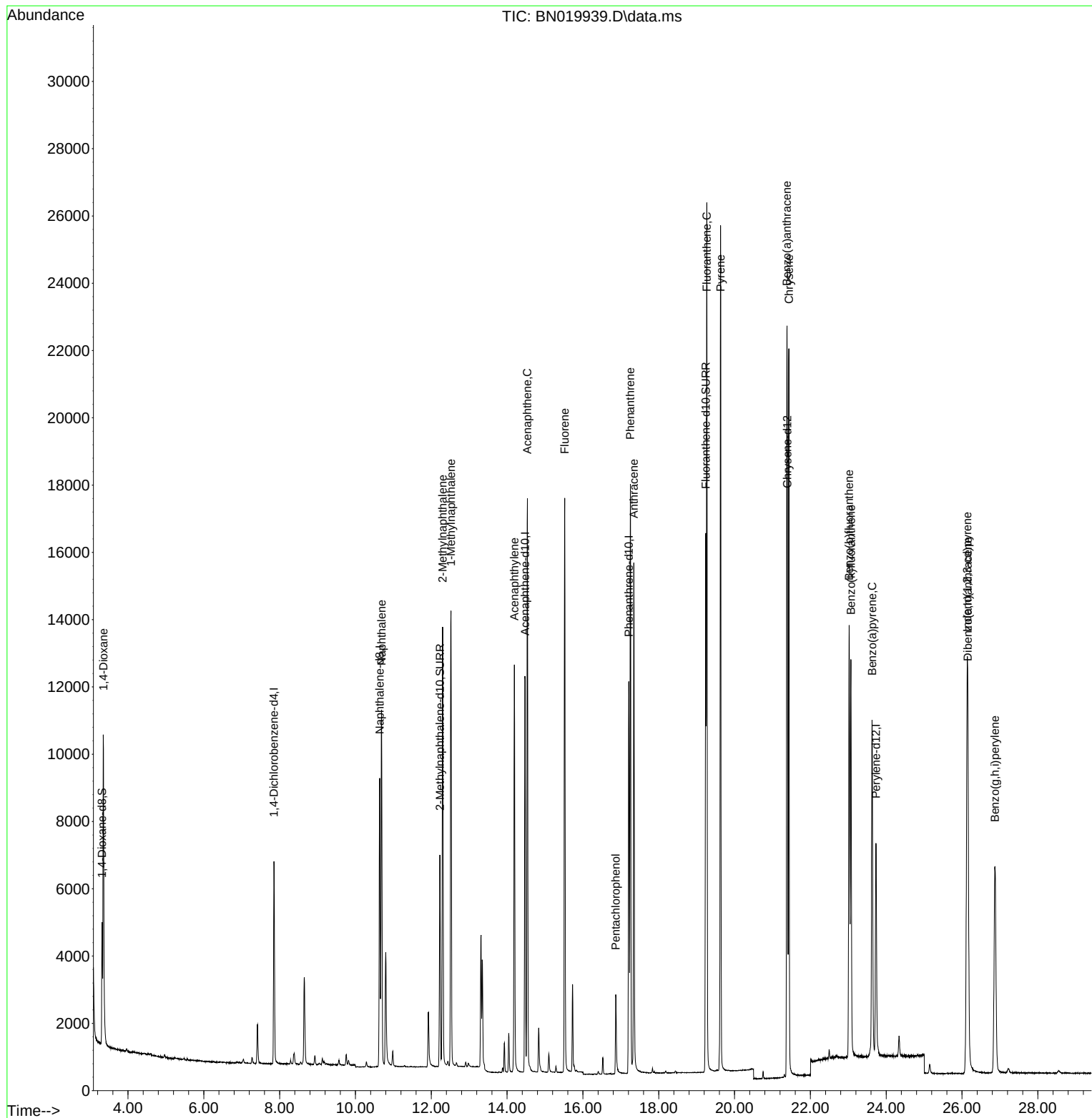
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3364	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	11908	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.475	164	7128	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	14505	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	10930	0.400	ng/ul	0.00
23) Perylene-d12	23.730	264	8898	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2491	0.794	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	8334	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.240	212	17308	0.443	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.349	88	6041	1.846	ng/ul#	72
5) Naphthalene	10.689	128	15132	0.405	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	9522	0.385	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	9862	0.428	ng/ul#	100
10) Acenaphthylene	14.193	152	14754	0.363	ng/ul	99
11) Acenaphthene	14.535	153	10513	0.382	ng/ul	100
12) Fluorene	15.520	166	11639	0.378	ng/ul	99
14) Pentachlorophenol	16.867	266	1859	0.769	ng/ul	89
15) Phenanthrene	17.252	178	19110	0.375	ng/ul	99
16) Anthracene	17.344	178	17300	0.362	ng/ul	99
19) Fluoranthene	19.268	202	21609	0.396	ng/ul	99
20) Pyrene	19.630	202	21606	0.390	ng/ul	99
21) Benzo(a)anthracene	21.380	228	17857	0.400	ng/ul	100
22) Chrysene	21.433	228	18746	0.415	ng/ul	100
24) Benzo(b)fluoranthene	23.023	252	16759	0.426	ng/ul	92
25) Benzo(k)fluoranthene	23.069	252	16328	0.426	ng/ul	98
26) Benzo(a)pyrene	23.628	252	15708	0.422	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.135	276	16791	0.430	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.155	278	13649	0.427	ng/ul#	81
29) Benzo(g,h,i)perylene	26.866	276	14232	0.426	ng/ul	98

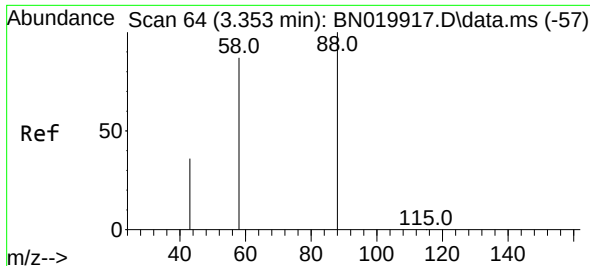
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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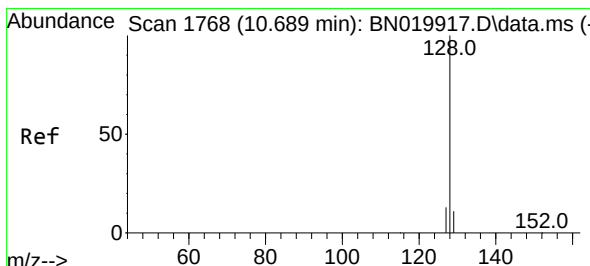
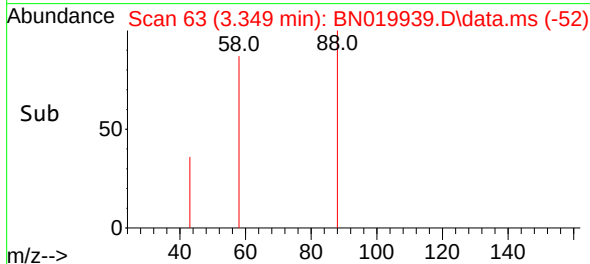
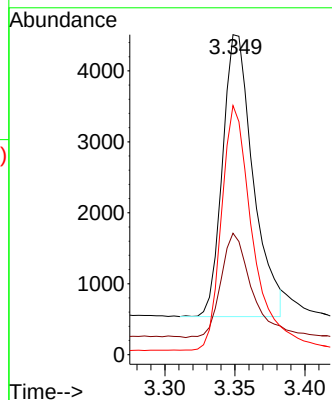
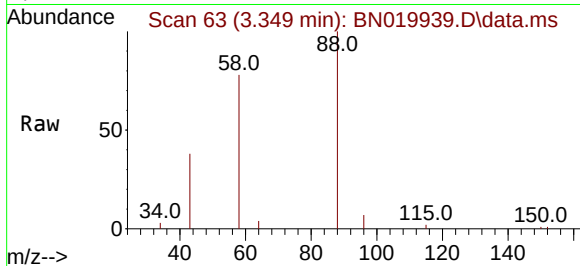




#2
1,4-Dioxane
Concen: 1.846 ng/ul
RT: 3.349 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

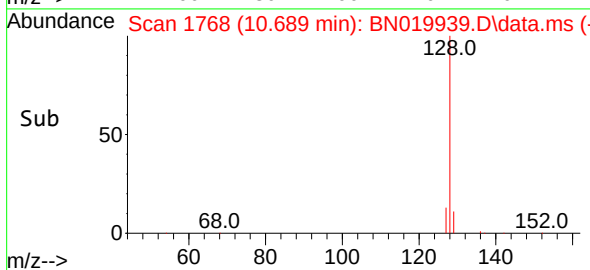
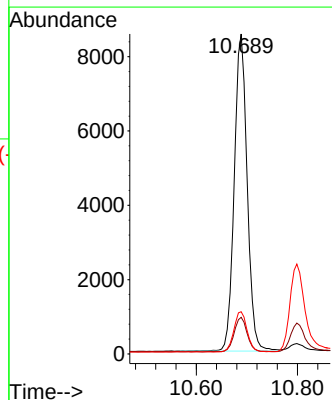
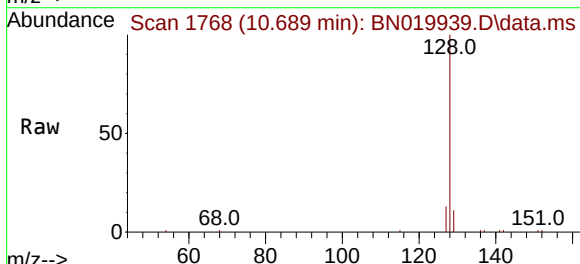
Instrument :
BNA_N
ClientSampleId :
SLCS035

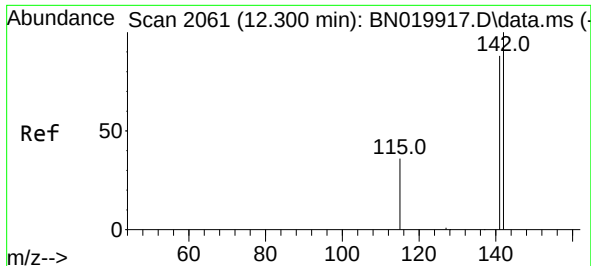
Tgt Ion: 88 Resp: 6041
Ion Ratio Lower Upper
88 100
43 37.9 39.0 58.4#
58 77.9 39.8 59.8#



#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion: 128 Resp: 15132
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.2 11.0 16.4

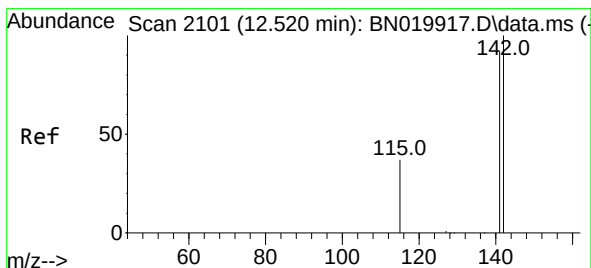
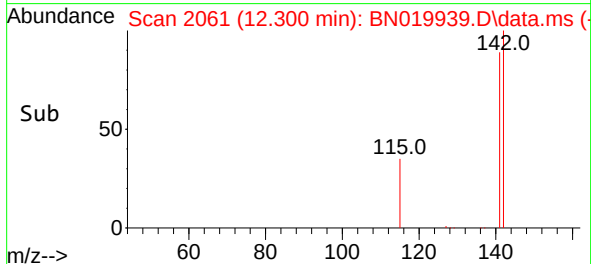
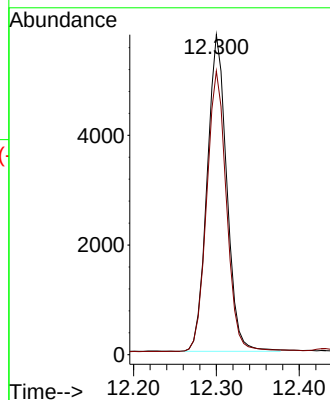
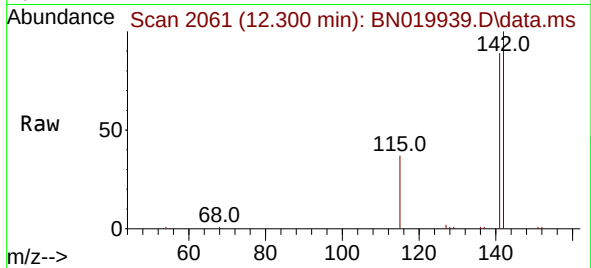




#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

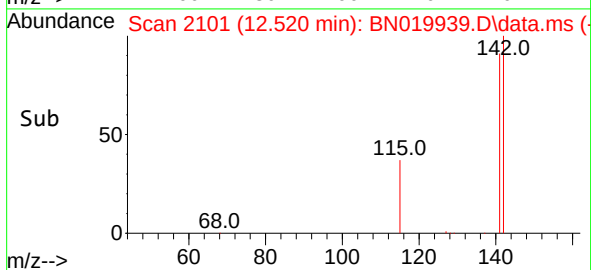
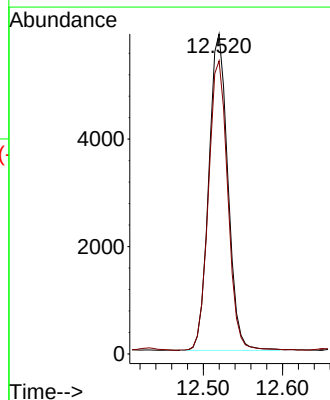
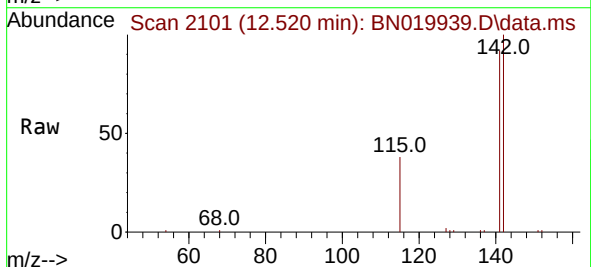
Instrument :
BNA_N
ClientSampleId :
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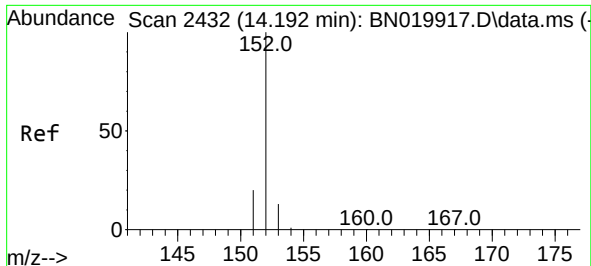
Tgt Ion:142 Resp: 9522
Ion Ratio Lower Upper
142 100
141 89.1 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion:142 Resp: 9862
Ion Ratio Lower Upper
142 100
141 92.4 0.0 0.0#

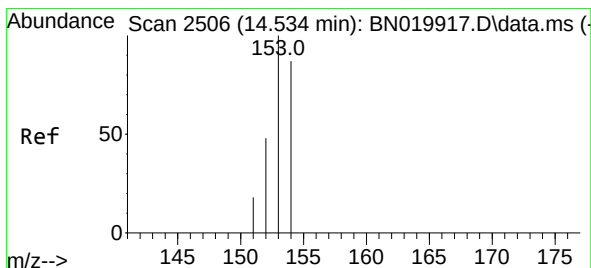
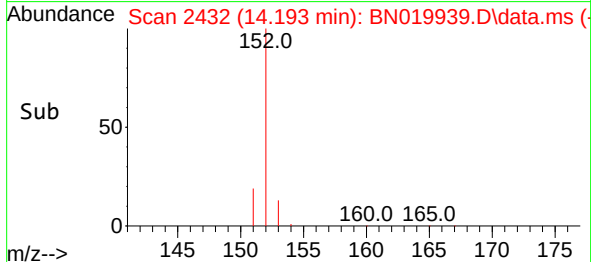
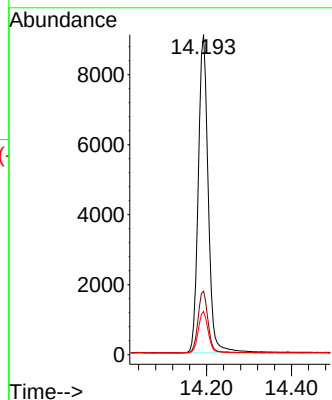
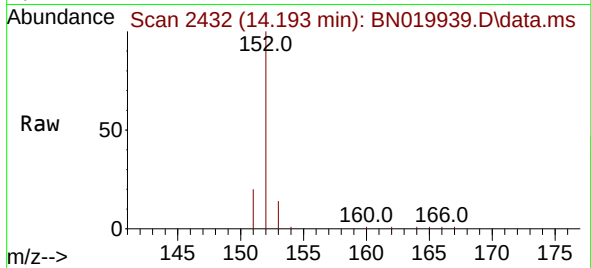




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.193 min Scan# 2432
Delta R.T. -0.002 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

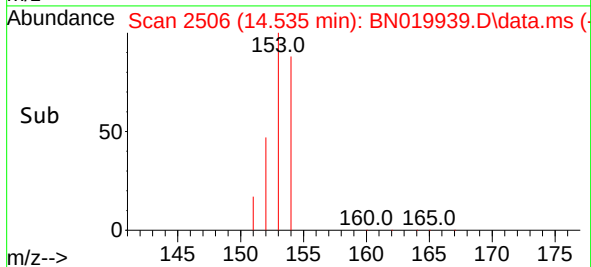
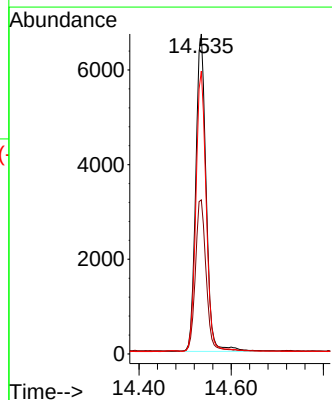
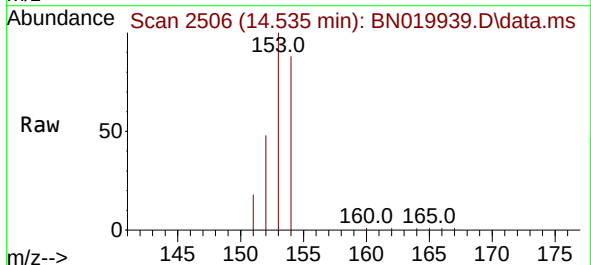
Instrument :
BNA_N
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SLCS035

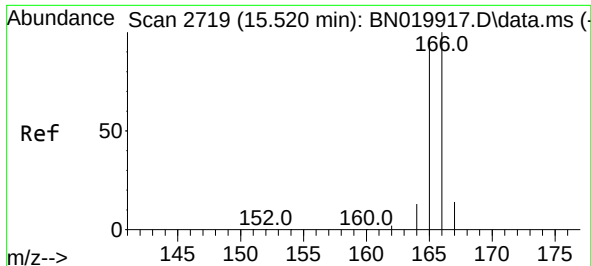
Tgt Ion:152 Resp: 14754
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.535 min Scan# 2506
Delta R.T. -0.002 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion:153 Resp: 10513
Ion Ratio Lower Upper
153 100
152 48.2 38.6 57.8
154 88.4 71.2 106.8

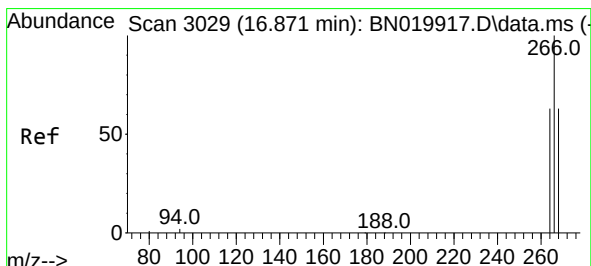
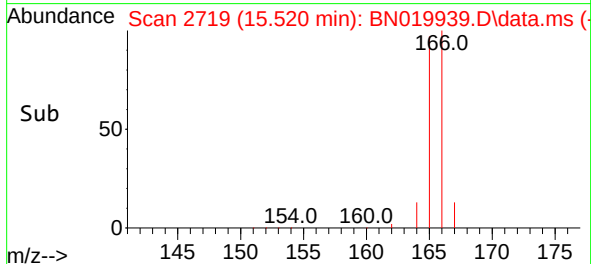
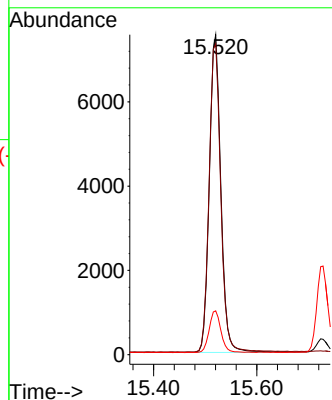
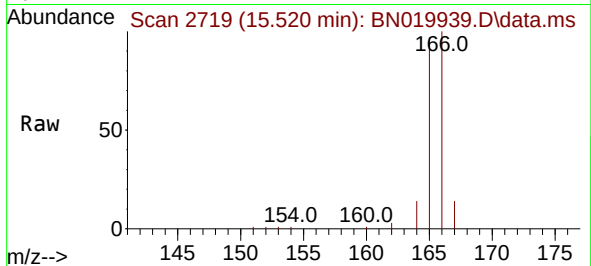




#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

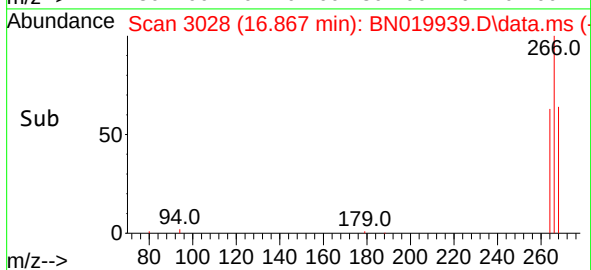
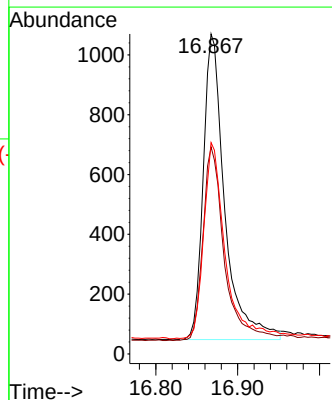
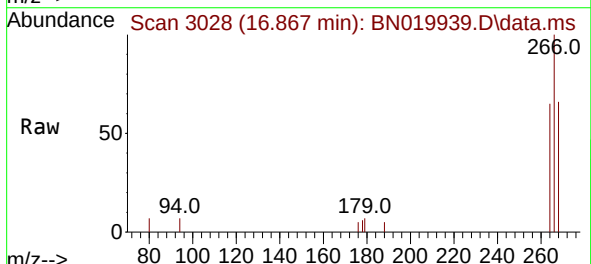
Instrument :
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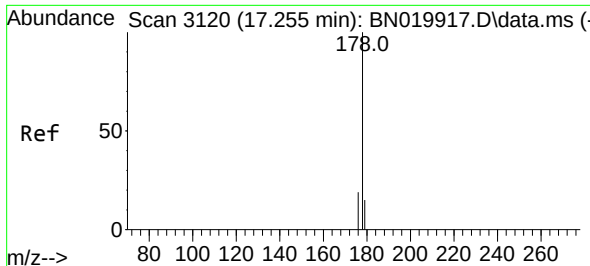
Tgt Ion:166 Resp: 11639
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.769 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.006 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion:266 Resp: 1859
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 64.2 44.6 67.0

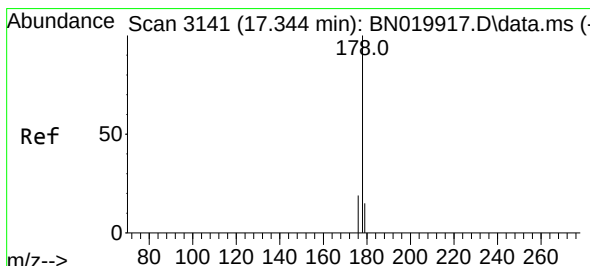
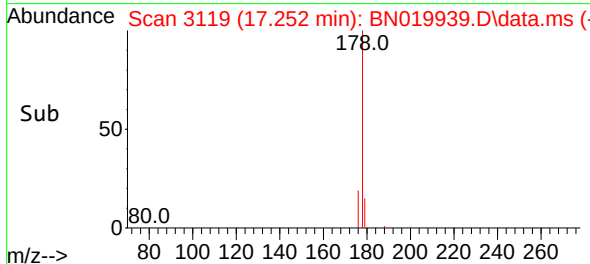
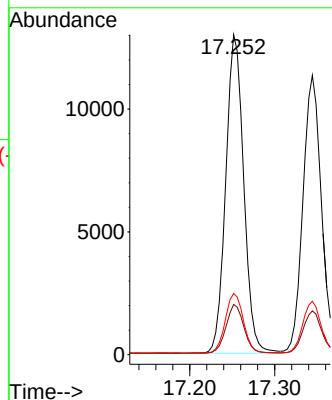
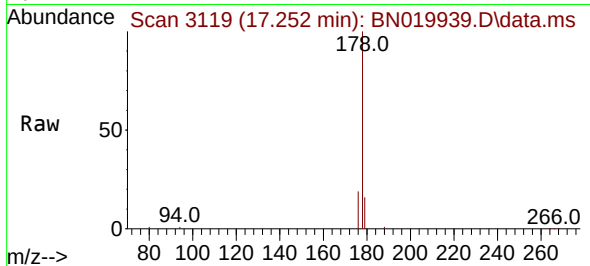




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.252 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

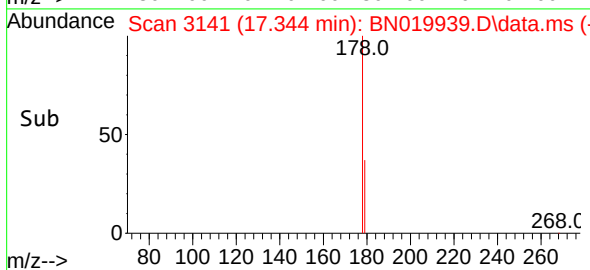
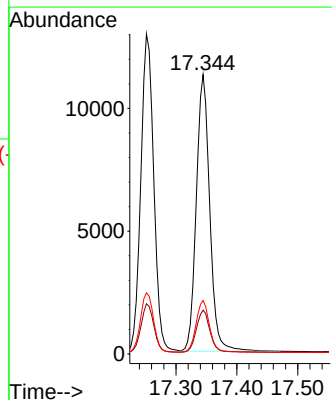
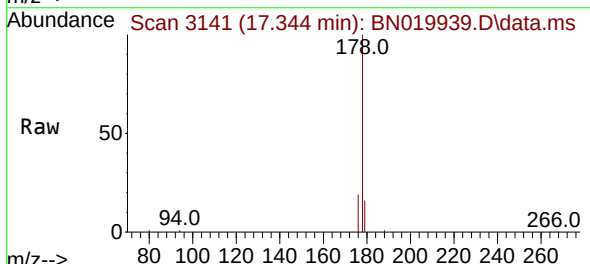
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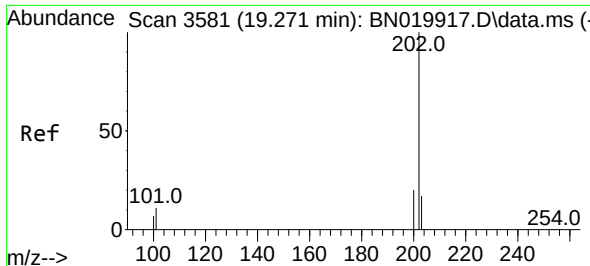
Tgt Ion:178 Resp: 19110
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.1 15.5 23.3



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.002 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion:178 Resp: 17300
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.1 15.3 22.9

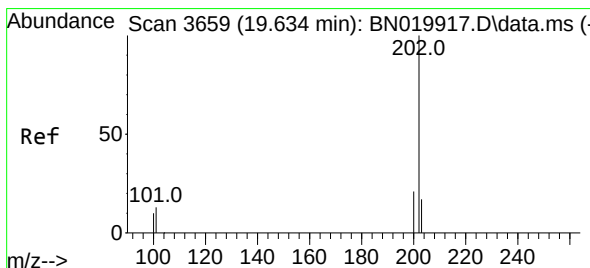
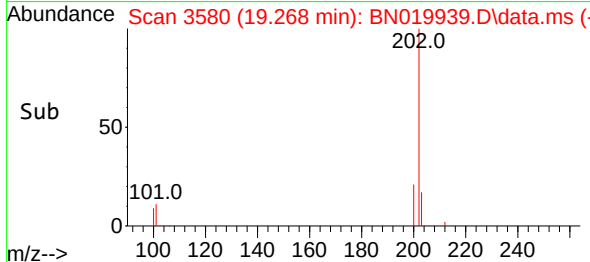
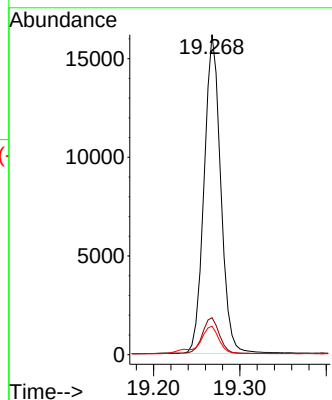
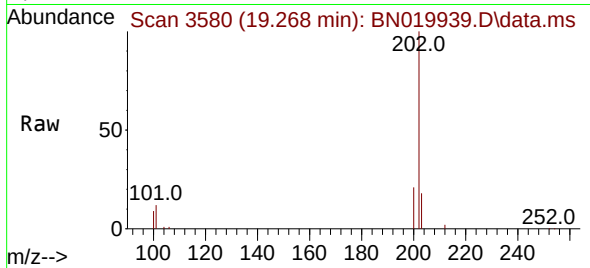




#19
Fluoranthene
Concen: 0.396 ng/u1
RT: 19.268 min Scan# 3580
Delta R.T. -0.007 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

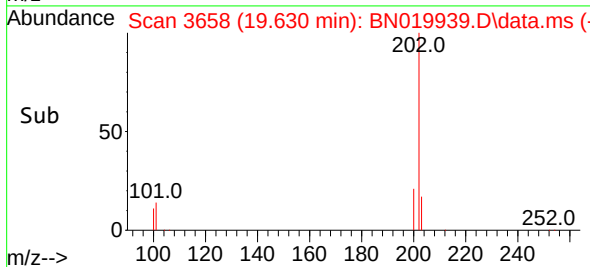
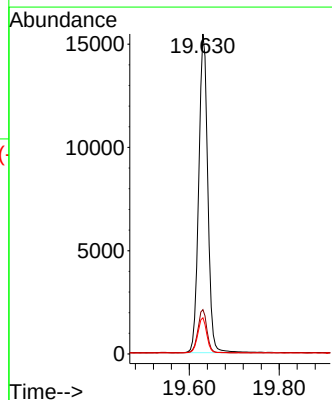
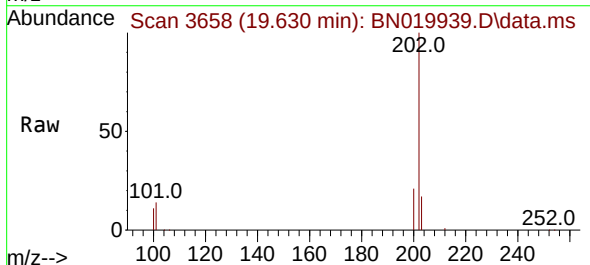
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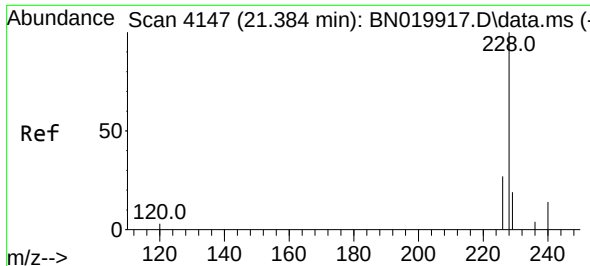
Tgt Ion:202 Resp: 21609
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 8.9 7.4 11.2



#20
Pyrene
Concen: 0.390 ng/u1
RT: 19.630 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion:202 Resp: 21606
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 11.3 9.0 13.4

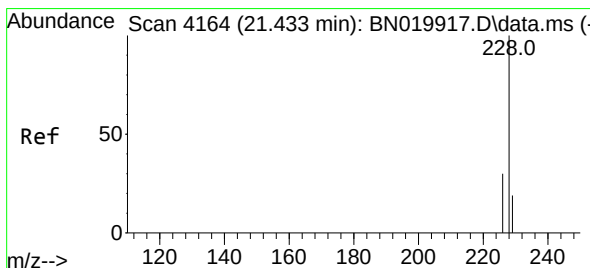
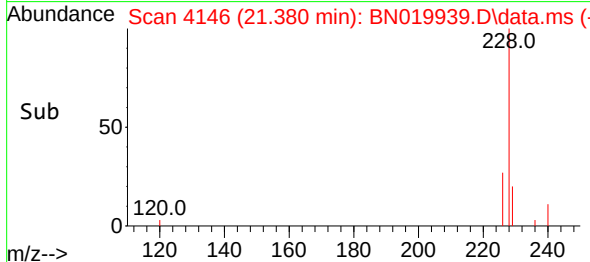
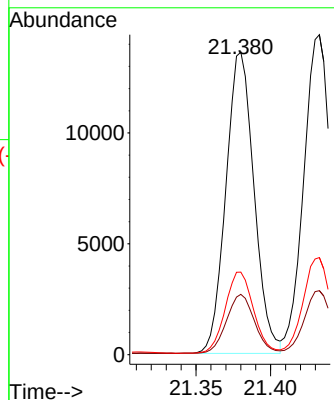
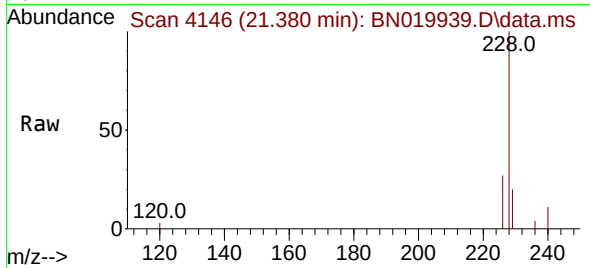




#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.380 min Scan# 4147
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

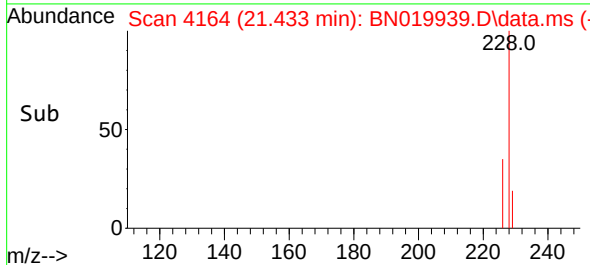
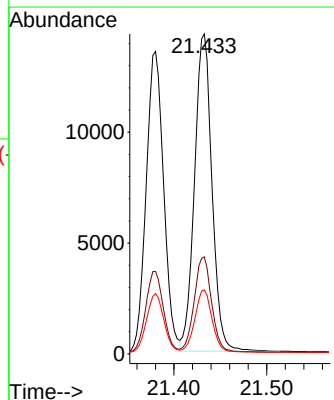
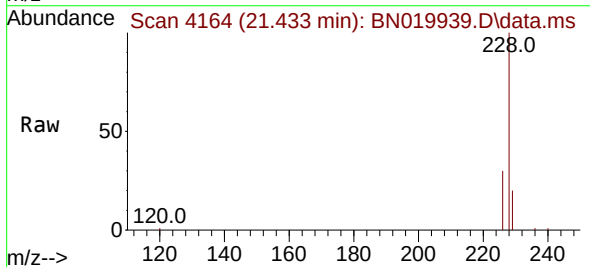
Instrument :
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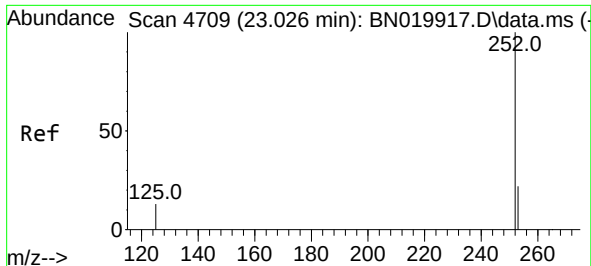
Tgt Ion:228 Resp: 17857
Ion Ratio Lower Upper
228 100
229 19.9 16.1 24.1
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. -0.005 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

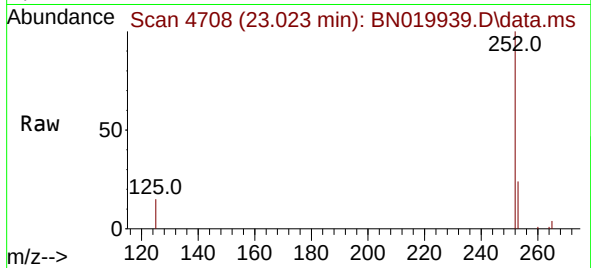
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Ion Ratio Lower Upper
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226 30.3 24.2 36.2
229 20.0 16.0 24.0



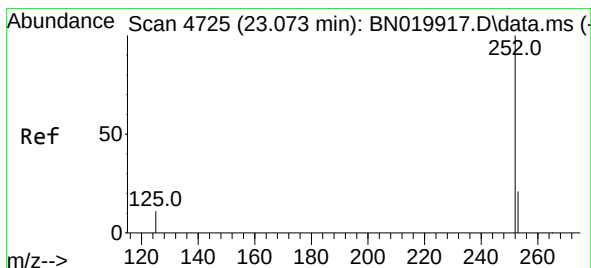
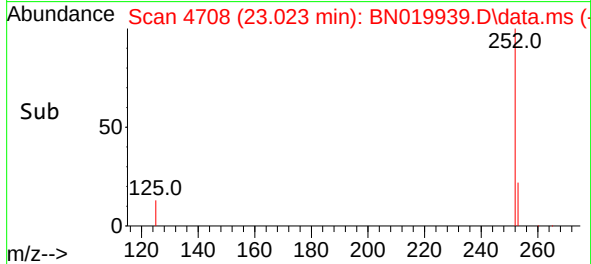
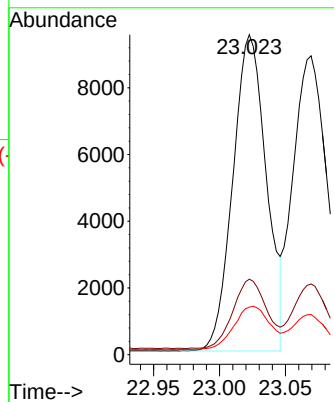


#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 23.023 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Instrument :
BNA_N
ClientSampleId :
SLCS035

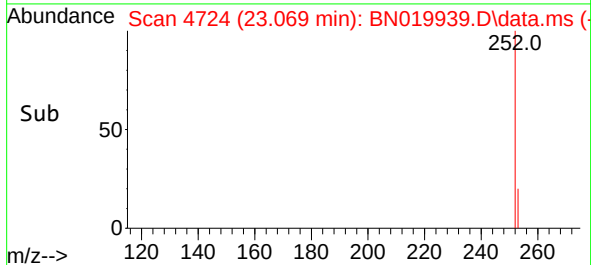
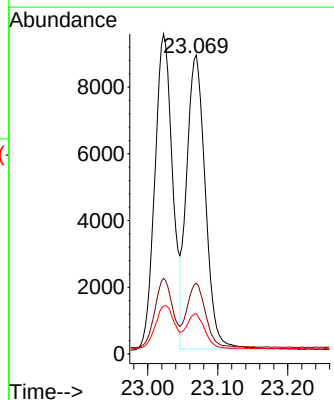
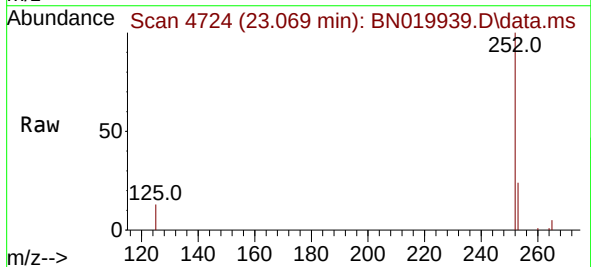


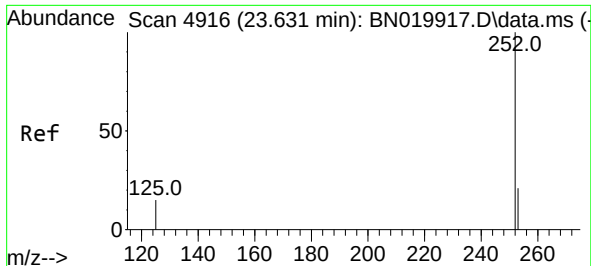
Tgt Ion:252 Resp: 16759
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.0
125 14.9 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 23.069 min Scan# 4724
Delta R.T. -0.011 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion:252 Resp: 16328
Ion Ratio Lower Upper
252 100
253 23.7 20.2 30.2
125 13.4 11.0 16.6

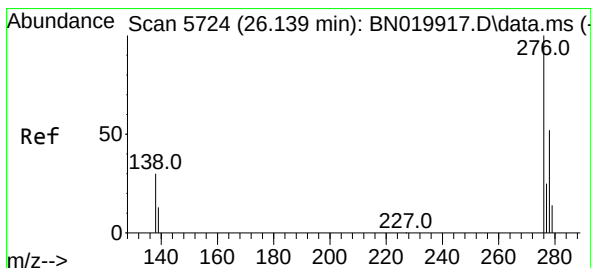
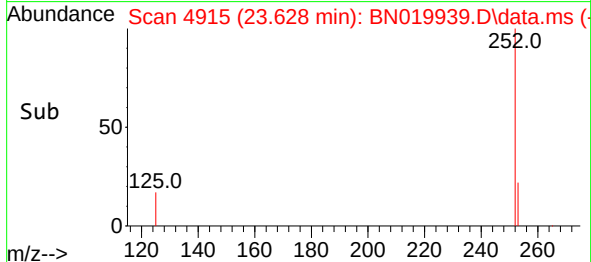
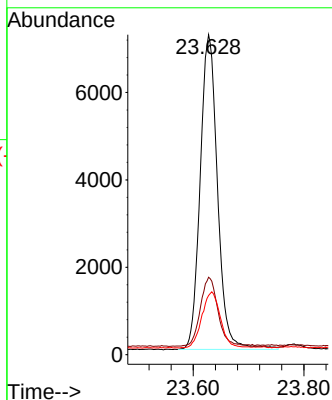
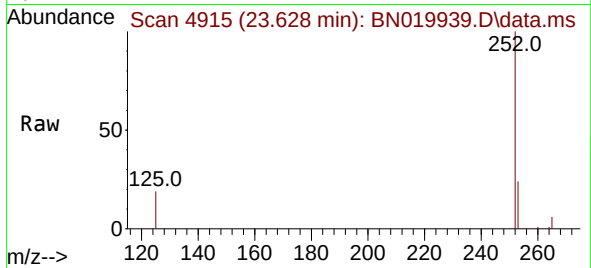




#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 23.628 min Scan# 4916
Delta R.T. -0.011 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

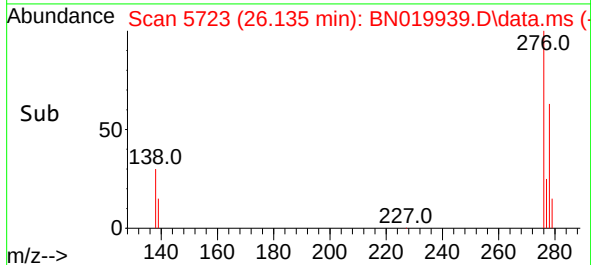
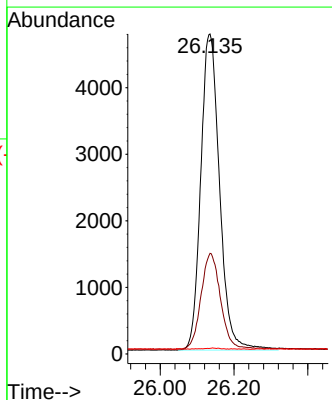
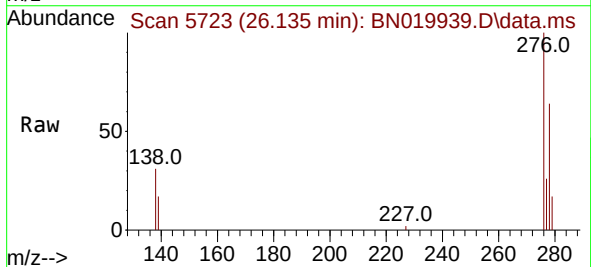
Instrument :
BNA_N
ClientSampleId :
SLCS035

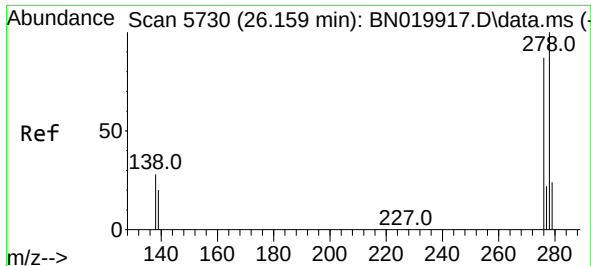
Tgt Ion:252 Resp: 15708
Ion Ratio Lower Upper
252 100
253 24.2 23.4 35.0
125 18.5 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 26.135 min Scan# 5723
Delta R.T. -0.016 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion:276 Resp: 16791
Ion Ratio Lower Upper
276 100
138 31.3 23.6 35.4
227 0.3 0.0 0.0#

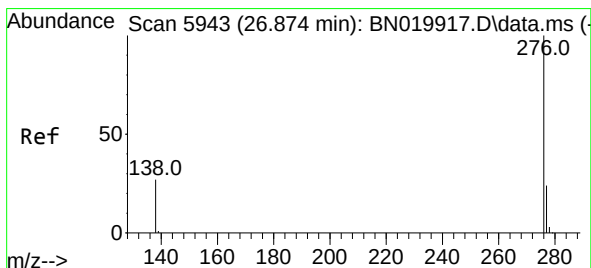
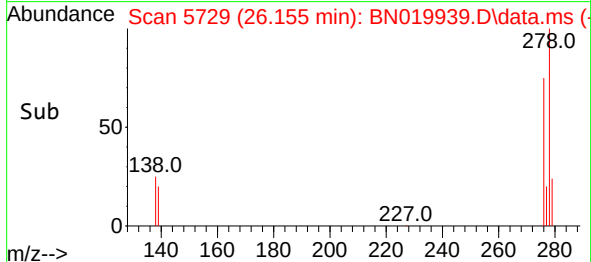
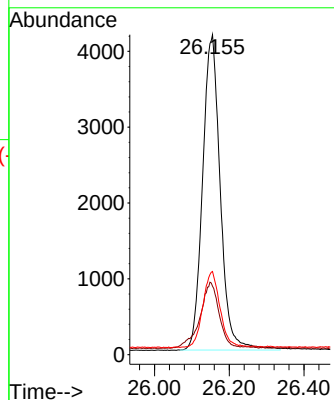
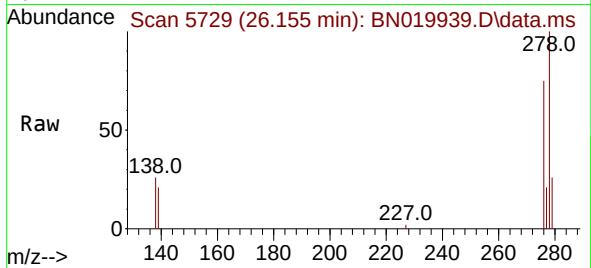




#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 26.155 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Instrument :
BNA_N
ClientSampleId :
SLCS035

Tgt Ion:278 Resp: 13649
Ion Ratio Lower Upper
278 100
139 21.4 18.6 28.0
279 26.0 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.866 min Scan# 5941
Delta R.T. -0.019 min
Lab File: BN019939.D
Acq: 25 May 2022 00:43

Tgt Ion:276 Resp: 14232
Ion Ratio Lower Upper
276 100
138 27.2 20.9 31.3
277 25.0 20.4 30.6

